

Certified Reference Materials Analytical Reference Standards



Cerilliant Quality

ISO GUIDE 34

ISO/IEC 17025

ISO 13485

ISO 15194

ISO 9001

GMP/GLP

Cerilliant.com

a SIGMA-ALDRICH company

Catalog Categories

- Alcohol/Ethanol
- Drugs of Abuse
- Environmental
- Explosives
- Hormones & Biomarkers
- Matrix Standards
- OTCs
- Pharmaceuticals
- Phytochemicals
- PTs
- Vitamins
- Metabolites, Impurities & Internal Standards

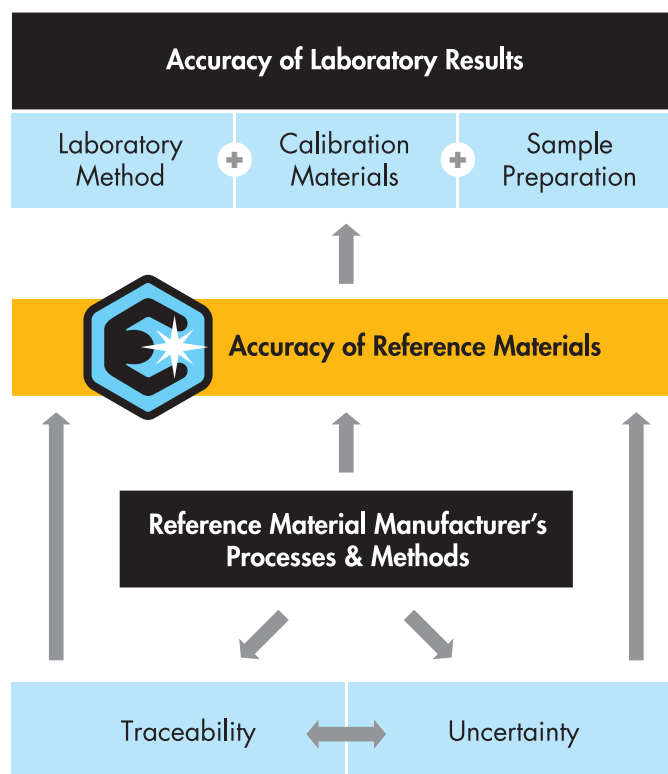


Cerilliant®
Analytical Reference Standards

Concerned about accuracy?

Accuracy of calibration materials can impact laboratory results and patient care.

Cerilliant Primary Standards are ideal starting materials for laboratory prepared calibrators and controls – manufactured and tested to the highest industry standards and traceable to SI units minimizing the traceability chain and improving laboratory accuracy.



Cerilliant...when results matter.

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"At Cerilliant we have the right expertise across many disciplines. The work is always challenging and I find that exciting."

— Uma Sreenivasan, PhD, Chief Scientist

Would your Reference Standard stand up to Legal, Regulatory & Accreditation Scrutiny?

FDA and other regulatory agencies, accreditation bodies, and defense attorneys are increasingly focusing on reference standards and the central role they play in assuring the quality of clinical & forensic testing, medicines and dietary supplements.

Requirements for reference standards and calibration materials include:

- Must be fully characterized & appropriately prepared, identified, tested, approved, stored, and qualified
- Expiration dating must be based on stability data obtained from product studies
- Complete records of testing must be maintained
- Must be stored and shipped in a manner that does not adversely affect quality through appropriate procedures, facilities, and transport arrangements
- Integrity must be maintained until the point the seal is broken
- Must be appropriate for their intended use
- Must be traceable to national or international standards of measurement
- Must include a documented uncertainty of measurement

how does your reference standard stack up?

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GMP/GLP

Cerilliant – manufactured and tested to satisfy the toughest regulatory requirements.


Cerilliant
 Analytical Reference Standards

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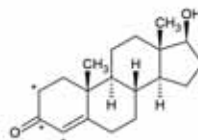
 T-070
 FE060911-01
 Revision 06
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 Product of USA

Certified Reference Material - Certificate of Analysis

Testosterone-2,3,4-¹³C₃, Primary Standard

Cerilliant Quality
ISO GUIDE 34
ISO/IEC 17025
ISO 13485
ISO 15194
ISO 9001
GMP/GLP

Catalog Number: T-070
Lot: FE060911-01
Expiration: June 2016
Description: Testosterone-2,3,4-¹³C₃ in Acetonitrile
Packaging: Solution in 2 mL amber USP Type I glass ampoule containing not less than 1 mL of certified solution.
Storage: Store unopened in freezer (-10 °C to -25 °C).
Shipping: Ambient. See Stability Section.
Intended Use: This Certified Reference Material is suitable for the *in vitro* identification, calibration, and quantification of the analyte(s) in analytical and R&D applications. Not suitable for human or animal consumption.
Instructions for Use: Users should quantitatively transfer desired volume using established good laboratory practices to spike into matrix or to dilute to the desired concentration. Each ampoule is intended for one-time use.
Regulatory: US DEA Exempt | Canadian TK # 61-645 **Safety:** **Danger.** See Safety Data Sheet



- Expiration Date has been established through real time stability studies.
- Ampoules are overfilled to ensure a minimum 1 mL volume can be transferred when using a 1 mL Class A volumetric pipette.
- For quantitative applications, the minimum sample size for intended use is 1 µL.
- For MS Applications, we advise laboratories not to mix lots during a single sequence.

Analyte	Certified Concentration Value
Testosterone-2,3,4- ¹³ C ₃	100.0 ± 0.6 µg/mL
• Uncertainty of the concentration is expressed as an expanded uncertainty in accordance with ISO 17025 and Guide 34 at the approximate 95% confidence interval using a coverage factor of k = 2 and has been calculated by statistical analysis of our production system and incorporates uncertainty of the mass balance purity factor, material density, balance, and weighing technique. • This standard is prepared gravimetrically and mass results are reported on the conventional basis for weighing in air. Normal concentration is calculated based on the actual measured mass, Mass Balance Purity Factor of the analyte(s), measured mass of the solution, and the density of the pure diluent at 20 °C. • Concentration is corrected for chromatographic purity, residual water, residual solvents and residual impurities. No adjustment required before use. • Additional certification information available upon request.	

Metrological Traceability

- This standard has been prepared and certified under the ISO Guide 34, ISO/IEC 17025, ISO 9001 and ISO 13485 standards. This standard meets the requirements of a Certified Reference Material and a Primary Standard as defined by ISO and is traceable to the SI and higher order standards through an unbroken chain of calibrations.
- This standard has been gravimetrically prepared using balances that have been fully qualified and calibrated to ISO 17025 requirements. All calibrations utilize NIST traceable weights which are calibrated externally by a qualified ISO 17025 accredited calibration laboratory to NIST standards. Qualification of each balance includes the assignment of a minimum weighing by a qualified and ISO 17025 accredited calibration vendor taking into consideration the balance and installed environmental conditions to ensure compliance with USP tolerances of NMT 0.1% relative error. Balance calibration adjustments are performed weekly utilizing the balance's internal adjustment mechanism. Calibration verifications are performed pre-use. Weigh tapes from the calibration verification are included in the production batch record for this standard. Production data package available upon request.
- Fill volume is gravimetrically verified throughout the dispensing process using qualified and calibrated balances.
- Concentration is verified against an independently prepared calibration solution gravimetrically prepared.
- Each raw material utilized has been identified and thoroughly characterized through the use of multiple analytical techniques. Spectral data is provided on subsequent pages of this COA. The density and material Mass Balance Purity Factor is traceable to the SI and higher order reference standards through mass measurement and instrument qualification and calibrations.

Cerilliant certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated acceptance criteria through the expiration/retest date when stored unopened as recommended. Product should be used shortly after opening to avoid concentration changes due to evaporation. Warranty does not apply to ampoules stored after opening.



Darron Ellsworth, Quality Assurance Manager

April 22, 2015

Date

Cerilliant Corporation 811 Paloma Drive, Suite A, Round Rock, TX 78665 800-848-7837 / 512-238-9974

There are standards...then there are Cerilliant standards

Cerilliant supports each product produced with a comprehensive Certificate of Analysis (COA). Cerilliant's COA includes full details of all analyses, including method, run conditions, chromatograms, and spectral data. For custom products, each COA provides a clear summary of analytical data and customer specifications. For catalog products each COA includes detailed raw material characterization data as well as verification of solution standard concentration, solution purity, lot-to-lot consistency and homogeneity.

- **Expiration/Retest Date**
Established through real-time stability studies with acceptance criteria for both purity and concentration.
- **Isotopic Purity**
Isotopic distribution is shown for stable-labeled materials.
- **Concentration & Uncertainty**
Represents the actual concentration (not theoretical) based on material weighings and material Purity Factor. Concentration incorporates any necessary adjustments for salts – no additional adjustment is needed prior to use.
- **Uncertainty Statement**
Provides details of what standards were used to develop the uncertainty value, the confidence interval, the coverage factor and the processes or steps incorporated.
- **Analytical Verification of Concentration & Ampoule to Ampoule Consistency**
The gravimetrically prepared concentration is verified analytically by comparison to an independently prepared calibration solution. Lot-to-lot consistency is demonstrated through analysis of the previous lot (where available).
- **Traceability Statement**
Describes traceability to SI units (NIST).
- **Solution Standard Assay**
Shows method used to assay solution to an independently prepared calibration solution. Analytical verification of solution purity post ampouling provides confirmation that no degradation or contamination has occurred.
- **Neat Material Characterization Summary and Purity Factor Assignment**
Cerilliant Certified Solution Standards begin with full characterization of the neat material including chromatographic purity and analyses for residual content including: water, solvent, and inorganic content.
- **Chromatographic Purity**
Cerilliant utilizes multiple techniques to determine chromatographic purity. Results must agree within 0.5% of each other. The Primary purity method is used for purity factor calculations. The Secondary purity method is utilized as a confirming method.
- **Purity Factor**
The purity factor (PF) mass balance measurement equation is used to calculate the amount of analyte required to achieve an accurate concentration of the solution standard, accounting for chromatographic purity and residuals.
- **Identity**
Cerilliant utilizes multiple methods to determine neat material identity.
- **Neat Material Characterization Details**
Details of all neat material testing performed is provided along with run conditions and spectra.
- **Storage**
Long-term and short-term storage recommendations are made based on scientific studies.
- **Stability**
Results of short-term and accelerated stability studies provided to support shipping conditions and normal lab use.

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Three Ways to Search for COAs:

- Login with your online account
- Search by Item Number
- Search by Lot Number

Ask about our Custom Capabilities

Custom organic synthesis

Expertise in difficult synthesis including impurities, metabolites & degradants

Custom certified solution standards

Ideal for precious, hard-to-handle, toxic, potent or volatile compounds – your material or ours

Analytical certification

Independent characterization/qualification or recertification of reference materials

Custom packaging

Large or small molecules - powders or liquids - lyophilization, single use packaging in ampoules, vials or cryovials

Inventory management

Your materials or ours – from cataloging and monitoring of inventory to managing retests to JIT shipment worldwide

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Why Cerilliant certified solutions?

Cerilliant offers Certified Reference Materials in a convenient Snap-N-Spike® | Snap-N-Shoot® format providing significant advantages over the use of neat reference materials in terms of accuracy, consistency and stability.

	Cerilliant Certified Solutions	Solutions Prepared in the Lab from Neat Materials
Stability over time	• Years (>5 years for some materials) • Real time stability data • Accelerated stability data supports storage conditions and transport • Flame sealed amber ampoules protect from air, light and changes in concentration • Inert gas displaces oxygen prior to sealing	• Weeks-Months • Stability data has to be collected to support use
Lot to lot consistency / reproducibility / accuracy	• Gravimetrically prepared using balances calibrated with NIST traceable weights in compliance with USP tolerances • Reduced variability from time to time and across locations through consistency and accuracy of preparation • Validated processes ensures accuracy and homogeneity • Neat materials fully characterized and concentration adjusted for chromatographic purity, residual solvent, water, and inorganic content • Gravimetric addition of diluent eliminates inaccuracies resulting from changes in material density and use of visual read lines on volumetric flasks – balance tapes provide traceability • Sealed ampoules protect from concentration changes	• Frequent smaller weighings may not be sufficiently accurate due to the sample size and relative error of the analytical balance • Multiple lots increase potential for variability • Use of Class A volumetric glassware has higher relative error than 5-place analytical balance • Volumetric preparation increases variability without environmental controls • Volumetric preparation introduces subjectivity due to visual read lines • Potential for concentration changes during storage due to evaporation of solvent or precipitation of analyte
Convenience of use	• Snap-N-Spike® Snap-N-Shoot® • Multi-component solutions for complex analysis/ system suitability – fast and easy • DEA / Health Canada exemptions available • Uncertainty and traceability information included on COA	• Weigh and dilute, store or dispose of remaining • Uncertainty values determined based on preparer's equipment, processes and procedures
Efficiency/cost of materials	• Preserved in small single use format	• Frequent weighings – more transfer loss and more risk of contamination of bulk material • Larger weighings necessary for accuracy create larger batches that may go unused due to short shelf life - material wasted • More frequent preparation – more disposal

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 - Description
 - Analyte or component description
 - CAS number
 - EPA method number
- Access detailed product information including:
 - Certificate of Analysis (COA)
 - Molecular weight
 - Structure
 - Chemical formula
 - Regulatory information
 - Storage condition
 - Related items
- Online ordering 24/7
 - Quick order and easy reorder of items previously purchased
 - Details of purchases by item and date
 - Order and invoice history
 - Create multiple “favorites” lists
 - Recently Purchased List
- Easy access to COAs and SDSs for your account or search for individual COAs & SDSs
- New product announcements and current news
- Technical posters and papers
- Request quotes for custom services including synthesis, solution standards, analytical, and packaging
- Download catalog or the most current version of the e-catalog

Cerilliant offers a broad selection of certified Snap-N-Spike® I Snap-N-Shoot® reference solutions including parent drugs, metabolites, impurities, degradants, and stable-labeled internal standards for a wide variety of quantitative or qualitative applications in forensic and clinical toxicology, therapeutic drug monitoring, clinical and diagnostic testing, prescription monitoring, clinical chemistry, dietary supplement quality control testing, environmental analysis of hormones and personal care products, endocrinology, and pharmaceutical research and release testing.

Cerilliant supplies its certified solution standards of controlled material in a convenient, quantitative, USDEA and Health Canada (with TK#s)-exempt solution format. Cerilliant reference standards are manufactured and certified to the highest industry standards including ISO Guide 34, ISO/IEC 17025, and ISO 13485 and are compliant with ISO 17511 and ISO 15194.

AMINE MIXTURE-6

6 Components in Methanol

250 µg/mL of each component, 1 mL/Ampoule

A-050

(±)-Amphetamine	(±)-MDA	(±)-MDMA
(±)-MDEA	(±)-Methamphetamine	Phentermine

BARBITURATE MIXTURE-5

5 Components in Methanol

250 µg/mL of each component, 1 mL/Ampoule

B-041

Amobarbital	Butalbital	Pentobarbital
Phenobarbital	Secobarbital	

BENZODIAZEPINE INTERNAL STANDARD-3

3 Components in Acetonitrile

Each component at stated (µg/mL) concentration, 1 mL/Ampoule

B-905

7-Aminoclonazepam-D ₄	500	α-Hydroxytriazolam-D ₄	1000
7-Aminoflunitrazepam-D ₇	500		

BENZODIAZEPINE MULTI-COMPONENT MIXTURE-8

8 Components in Acetonitrile

250 µg/mL of each component, 1 mL/Ampoule

B-033

Alprazolam	Clonazepam	Diazepam
Flunitrazepam	Lorazepam	Nitrazepam
Oxazepam	Temazepam	

CATECHOLAMINE MIX 1 (EPINEPHRINES)

2 Components in Methanol

1.0 mg/mL (as free base) of each component, 1 mL/Ampoule

C-109

(±)-Norepinephrine HCl	(±)-Epinephrine HCl
------------------------	---------------------

CATECHOLAMINE MIX 2 (METANEPHRINES)

2 Components in Methanol

1.0 mg/mL (as free base) of each component, 1 mL/Ampoule

C-110

(±)-Metanephrine HCl	(±)-Normetanephrine HCl
----------------------	-------------------------

CATECHOLAMINE METABOLITES MIX

3 Components in Methanol

1.0 mg/mL of each component, 1 mL/Ampoule

C-111

5-Hydroxyindole-3-acetic acid	Homovanillic acid
(±)-Vanilmandelic acid	

COCAINE MULTI-COMPONENT MIXTURE-4

4 Components in Acetonitrile

250 µg/mL of each component, 1 mL/Ampoule

C-088

Benzoylcegonine	Cocaethylene
Cocaine	Ecgonine methyl ester

EPINEPHRINES (see Catecholamine Mix 1, page 1)

INTERFERENCE MIX 1 (For Qualitative Use Only)

8 Components in Methanol

100-1000 µg/mL of each component, 1 mL/Ampoule

I-023

Acetaminophen	(-)-Cotinine	R,R-(-)-Pseudoephedrine
Caffeine	Naproxen	Ibuprofen
Phentermine	(-)-Nicotine	

INTERFERENCE MIX 2 (For Qualitative Use Only)

5 Components in Methanol

100 µg/mL of each component, 1 mL/Ampoule

I-024

Gabapentin	Pregabalin	Valproic acid
Vigabatrin	Salicylic acid	

INTERFERENCE MIX 3 (For Qualitative Use Only)

6 Components in Acetonitrile

50-1000 µg/mL of each component, 1 mL/Ampoule

I-025

Aripiprazole	Lacosamide	Oxcarbazepine
(+)-Propoxyphene	Rufinamide	Warfarin

INTERFERENCE MIX 4 (For Qualitative Use Only)

12 Components in Methanol

5-100 µg/mL of each component, 1 mL/Ampoule

I-026

Alprazolam	Citalopram HBr	Clonazepam
Clopidogrel Bisulfate	Cimetidine	Dextromethorphan
Fluconazole	Hydrochlorothiazide	Lamotrigine
Levothyroxine	Methylphenidate HCl	Omeprazole

INTERFERENCE MIX 5 (For Qualitative Use Only)

10 Components in Methanol

100 µg/mL of each component, 1 mL/Ampoule

I-027

Carbamazepine	Levetiracetam	Metformin HCl
Phenobarbital	Phenytoin	(R)-Phenylephrine HCl
Sertraline HCl	Topiramate	Zolpidem tartrate
Zonisamide		

INTERFERENCE MIX 6 (For Qualitative Use Only)

8 Components in Methanol

5-100 µg/mL of each component, 1 mL/Ampoule

I-028

Amlodipine besylate	Atorvastatin Calcium salt	Azithromycin
Bupivacaine HCl	Cetirizine diHCl	Dimenhydrinate
Lisinopril	Loratadine	

INTERFERENCE MIX 7 (For Qualitative Use Only)

6 Components in Methanol

50-100 µg/mL of each component, 1 mL/Ampoule

I-029

Montelukast Sodium	Pioglitazone HCl	Prednisolone
Prednisone	Procainamide HCl	Simvastatin

INTERFERENCE MIX KIT (For Qualitative Use Only)

1 Ampoule of each of the listed standards, 1 mL/Ampoule, 7 Ampoules per Kit

I-030

I-023	Interference Mix 1 (For Qualitative Use Only)
I-024	Interference Mix 2 (For Qualitative Use Only)
I-025	Interference Mix 3 (For Qualitative Use Only)
I-026	Interference Mix 4 (For Qualitative Use Only)
I-027	Interference Mix 5 (For Qualitative Use Only)
I-028	Interference Mix 6 (For Qualitative Use Only)
I-029	Interference Mix 7 (For Qualitative Use Only)

K2 (see Spice Cannabinoid Mix, page 3; Spice Cannabinoid Mix-2, page 3; Spice Cannabinoid Mix-3, page 3; page 47-50)

METANEPHRINES (see Catecholamine Mix 2, page 1)

METHAMPHETAMINE/COCAINE/HEROIN MIX

3 Components in Acetonitrile

250 µg/mL of each component, 1 mL/Ampoule

M-025

Cocaine
(±)-Methamphetamine

Heroin

OVER-THE-COUNTER MULTI-COMPONENT MIXTURE-6

6 Components in Acetonitrile

100 µg/mL of each component, 1 mL/Ampoule

O-034

Acetaminophen
Ibuprofen

Caffeine
Naproxen

Chlorpheniramine maleate
R,R(-)-Pseudoephedrine

OPIATE MULTI-COMPONENT MIXTURE-5

5 Components in Methanol

250 µg/mL of each component, 1 mL/Ampoule

O-020

Codeine
(±)-Methadone

Hydrocodone
Oxycodone

Meperidine

PAIN MANAGEMENT MULTI-COMPONENT OPIATE MIXTURE-13

13 Components in Methanol

100 µg/mL of each component, 1 mL/Ampoule

P-071

Buprenorphine
Hydrocodone
(±)-Methadone
Naltrexone
cis-Tramadol HCl

Codeine
Hydromorphone
Morphine
Oxycodone

Fentanyl (10 µg/mL)
Meperidine
Naloxone
Oxymorphone

SPICE CANNABINOID MIX

5 Components in Acetonitrile

100 µg/mL of each component, 1 mL/Ampoule

S-038

(±)-CP 47,497 C8 Homologue
JWH-250

(±)-CP 47,497
HU-211

JWH-200

SPICE CANNABINOID MIX-2

4 Components in Acetonitrile

100 µg/mL of each component, 1 mL/Ampoule

S-041

JWH-019
AM2201

JWH-081

JWH-122

SPICE CANNABINOID MIX-3

6 Components in Acetonitrile

100 µg/mL of each component, 1 mL/Ampoule

S-047

RCS-4
JWH-203

RCS-8
JWH-210

JWH-015
AM2233

IMETHOD™ TEST KIT FOR BENZODIAZEPINES

1 Ampoule of each of the listed standards, 1 mL/Ampoule, 22 Ampoules per Kit

IMF-020

A-903	Alprazolam	A-902	Alprazolam-D ₅
A-916	7-Aminoclonazepam	A-917	7-Aminoclonazepam-D ₄
A-911	7-Aminoflunitrazepam	A-921	7-Aminoflunitrazepam-D ₇
C-907	Clonazepam	D-902	Diazepam-D ₅
D-907	Diazepam	F-915	Flunitrazepam-D ₇
F-907	Flunitrazepam	A-904	α-Hydroxyalprazolam-D ₅
F-003	Flurazepam	N-903	Nordiazepam-D ₅
A-907	α-Hydroxyalprazolam	O-901	Oxazepam-D ₅
T-911	α-Hydroxytriazolam		
L-901	Lorazepam		
M-908	Midazolam		
N-905	Nordiazepam		
O-902	Oxazepam		
T-907	Temazepam		

IMETHOD™ TEST KIT FOR BENZODIAZEPINES WITH SYNTHETIC URINE

1 Ampoule of each of the listed standards, 1 mL/Ampoule, 22 Ampoules per Kit

1 Bottle of Synthetic Urine, 50 mL

IMF-020S

A-903	Alprazolam	A-902	Alprazolam-D ₅
A-916	7-Aminoclonazepam	A-917	7-Aminoclonazepam-D ₄
A-911	7-Aminoflunitrazepam	A-921	7-Aminoflunitrazepam-D ₇
C-907	Clonazepam	D-902	Diazepam-D ₅
D-907	Diazepam	F-915	Flunitrazepam-D ₇
F-907	Flunitrazepam	A-904	α-Hydroxyalprazolam-D ₅
F-003	Flurazepam	N-903	Nordiazepam-D ₅
A-907	α-Hydroxyalprazolam	O-901	Oxazepam-D ₅
T-911	α-Hydroxytriazolam		
L-901	Lorazepam	S-020	Surine™ Negative Urine Control
M-908	Midazolam		
N-905	Nordiazepam		
O-902	Oxazepam		
T-907	Temazepam		

IMETHOD™ TEST KIT FOR NIDA 5 DRUG PANEL

1 Ampoule of each of the listed standards, 1 mL/Ampoule, 16 Ampoules per Kit

IMF-021

A-007	(±)-Amphetamine	A-005	(±)-Amphetamine-D ₅
A-009	6-Acetylmorphine	A-006	6-Acetylmorphine-D ₃
B-004	Benzoyllecgonine	B-001	Benzoyllecgonine-D ₃
C-006	Codeine	C-005	Codeine-D ₃
M-005	Morphine	M-003	Morphine-D ₃
M-009	(±)-Methamphetamine	M-004	(±)-Methamphetamine-D ₅
P-007	PCP (Phencyclidine)	P-003	PCP-D ₅ (Phencyclidine-D ₅)
T-006	(±)-11-nor-9-Carboxy-Δ ⁹ -THC	T-004	(±)-11-nor-9-Carboxy-Δ ⁹ -THC-D ₃

IMETHOD™ TEST KIT FOR NIDA 5 DRUG PANEL WITH SYNTHETIC URINE

1 Ampoule of each of the listed standards, 1 mL/Ampoule, 16 Ampoules per Kit

1 Bottle of Synthetic Urine, 50 mL

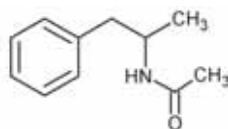
IMF-021S

A-007	(±)-Amphetamine	A-005	(±)-Amphetamine-D ₅
A-009	6-Acetylmorphine	A-006	6-Acetylmorphine-D ₃
B-004	Benzoyllecgonine	B-001	Benzoyllecgonine-D ₃
C-006	Codeine	C-005	Codeine-D ₃
M-005	Morphine	M-003	Morphine-D ₃
M-009	(±)-Methamphetamine	M-004	(±)-Methamphetamine-D ₅
P-007	PCP (Phencyclidine)	P-003	PCP-D ₅ (Phencyclidine-D ₅)
T-006	(±)-11-nor-9-Carboxy-Δ ⁹ -THC	T-004	(±)-11-nor-9-Carboxy-Δ ⁹ -THC-D ₃
S-020	Surine™ Negative Urine Control		

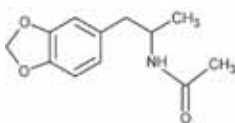
amphetamines

Amphetamines are psychoactive stimulants that produce alertness, euphoria, and hallucinations in users. Despite a lull in the mid-2000s, the latest statistics from the United Nations Office on Drugs and Crime (UNODC) show a near threefold increase in positive workplace drug screening results for amphetamines and methamphetamines in North America, marking the highest levels in over a decade.¹ Within the past several years, novel amphetamine-type stimulants (ATSs) and amphetamine derivatives—categorized as synthetic cathinones, piperazines, and phenethylamines among others—have emerged in clandestine drug markets as substitutes for controlled substances. ATS drugs now represent the second most commonly used group of illicit drugs in the world.¹

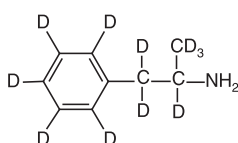
Recently, a new class of novel psychoactive substances (NPSs) known as NBOMe analogs have appeared in North America, Europe, and Asia. These drugs are 2-C phenethylamine derivatives that have psychedelic and psychostimulant effects similar to LSD and are associated with acute toxicological effects including tachycardia, organ failure, and death.² Forensic and clinical toxicology laboratories in the US and Europe are responding to the threat of NBOMe analogs with the development of new analytical methods, which offer the utility of testing serum or urine samples of suspected users in cases of NBOMe intoxication or overdose.²



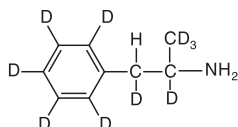
N-Acetylamphetamine
CAS No. 14383-60-9
 $C_{11}H_{15}NO$ M.W. 177.30
NMID445 50 mg[†]



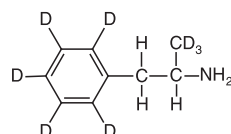
(±)-N-Acetyl-3,4-methylenedioxyamphetamine
CAS No. 36209-71-9
 $C_{12}H_{15}NO_3$ M.W. 221.30
NMID738B 20 mg[†]



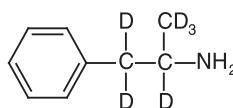
(±)-Amphetamine- D_{11}
CAS No. 169565-17-7
 $C_9H_7D_{11}N$ M.W. 146.12
A-016 100 µg/mL
1 mL Methanol
1.0 mg/mL
1 mL Methanol
A-019



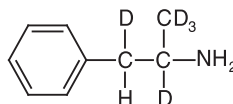
(±)-Amphetamine- D_{10}
CAS No. 169565-17-7
 $C_9H_7D_{10}N$ M.W. 145.13
A-038 100 µg/mL
1 mL Methanol



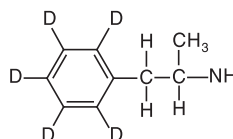
(±)-Amphetamine- D_8
CAS No. 145225-00-9
 $C_9H_7D_8N$ M.W. 143.15
A-017 100 µg/mL
1 mL Methanol
A-018 1.0 mg/mL
1 mL Methanol



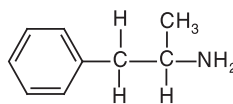
(±)-Amphetamine- D_6
CAS No. 73758-26-6
 $C_9H_7D_6N$ M.W. 141.16
A-044 100 µg/mL
1 mL Methanol
A-045 1.0 mg/mL
1 mL Methanol



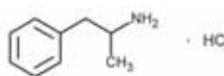
(±)-Amphetamine- D_5
(deuterium label on side chain)
CAS No. 136765-27-0
 $C_9H_7D_5N$ M.W. 140.17
A-005 100 µg/mL
1 mL Methanol
A-013 1.0 mg/mL
1 mL Methanol



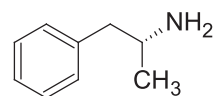
(±)-Amphetamine- D_5
(deuterium label on ring)
CAS No. 65538-33-2
 $C_9H_7D_5N$ M.W. 140.17
A-002 100 µg/mL
1 mL Methanol



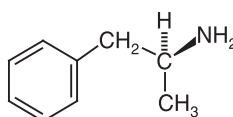
(±)-Amphetamine
CAS No. 300-62-9
 $C_9H_{13}N$ M.W. 135.21
A-011 100 µg/mL
1 mL Methanol
A-007 1.0 mg/mL
1 mL Methanol



(±)-Amphetamine HCl
CAS No. 405-41-4
 $C_9H_{13}N \cdot HCl$ M.W. 171.70
NMID736 50 mg[†]



R(-)-Amphetamine
(levo-Amphetamine)
CAS No. 156-34-3
 $C_9H_{13}N$ M.W. 135.21
A-049 1.0 mg/mL
1 mL Methanol



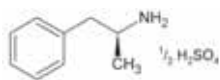
S(+)-Amphetamine
(dextro-Amphetamine)
CAS No. 51-64-9
 $C_9H_{13}N$ M.W. 135.21
A-008 1.0 mg/mL
1 mL Methanol

1. http://www.unodc.org/documents/wdr2014/World_Drug_Report_2014_web.pdf.

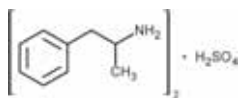
2. http://www.sigmaaldrich.com/content/dam/sigma-aldrich/docs/Fluka/General_Information/1/analytix-5-2014-web.pdf#page=12

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

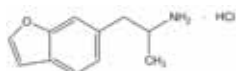
drugs, metabolites, impurities



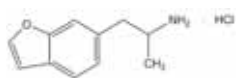
d-(+)-Amphetamine sulfate
CAS No. 51-63-8
(C₉H₁₃N)₂·H₂SO₄ M.W. 368.50
NMID961 50 mg[†]



Amphetamine sulphate
CAS No. 60-13-9
C₉H₁₃N (H₂SO₄)_{1/2} M.W. 368.50
NMID420B 50 mg[†]

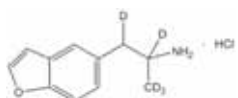


6-APB HCl
CAS 286834-84-2
C₁₁H₁₃NO · HCl M.W. 211.69
A-103 1.0 mg/mL (as free base)
1 mL Methanol

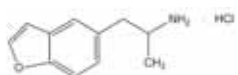


6-(2-Aminopropyl)benzofuran HCl
CAS 286834-84-2
C₁₁H₁₃NO · HCl M.W. 211.79
NMID990 5 mg[†]

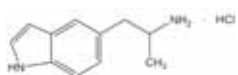
6-(2-Aminopropyl)benzofuran HCl
(see 6-APB HCl, page 6)



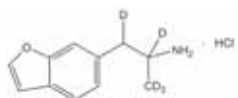
5-APB-D₅ HCl
C₁₁H₉D₅NO · HCl M.W. 216.72
A-108 100 µg/mL (as free base)
1 mL Methanol



5-APB HCl
CAS 286834-80-8
C₁₁H₁₃NO · HCl M.W. 211.69
A-104 1.0 mg/mL (as free base)
1 mL Methanol



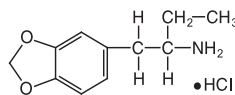
5-API (5-IT) **NEW**
CAS No. 3784-30-3
C₁₁H₁₄N₂ M.W. 174.24
A-107 1.0 mg/mL
1 mL Acetonitrile



6-APB-D₅ HCl **NEW**
C₁₁H₉D₅NO · HCl M.W. 216.72
A-112 100 µg/mL (as free base)
1 mL Methanol

Arlone
(see Methylone HCl, page 17)

25B
(see 25B-NBOMe HCl, page 7)

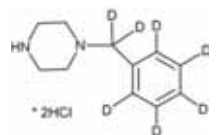


(±)-BDB HCl
(3,4-Methylenedioxyphenyl-2-butanamine HCl)
CAS No. 42542-07-4
C₁₁H₁₅NO₂ · HCl M.W. 229.71
B-016 1.0 mg/mL (as free base)
1 mL Methanol

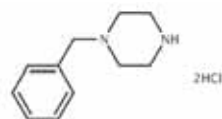
Benfamine
(see 6-APB HCl, page 6)

Benzedrine
[see (±)-Amphetamine, page 5;
R(-)-Amphetamine, page 5; S(+)-
Amphetamine, page 5]

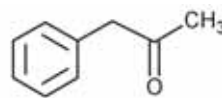
Benzo-Fury
(see 6-APB HCl, page 6)



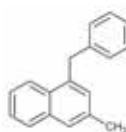
Benzyl piperazine-D₇ diHCl
CAS No. 1141738-08-8
C₁₁H₁₆D₇N₂ · diHCl M.W. 256.22
B-907 100 µg/mL (as free base)
1 mL Methanol



Benzyl piperazine diHCl
CAS No. 5321-63-1
C₁₁H₁₆N₂ · diHCl M.W. 249.20
B-906 1.0 mg/mL (as free base)
1 mL Methanol
NMID905 50 mg[†]



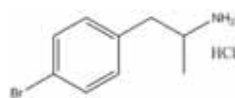
Benzyl methyl ketone (P2P)
CAS No. 103-79-7
C₉H₁₀O M.W. 134.20
NMID868 10 mg[†]



1-Benzyl-3-methylnaphthalene
CAS No. 93870-53-2
C₁₈H₁₆ M.W. 232.30
NMID456 50 mg[†]

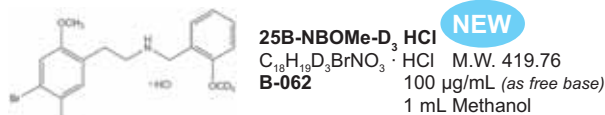
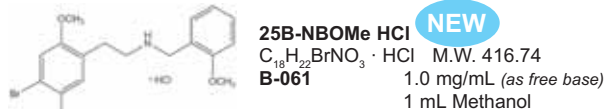
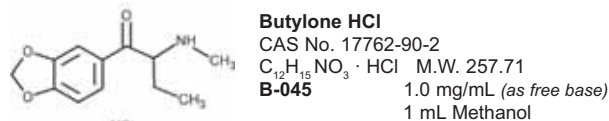
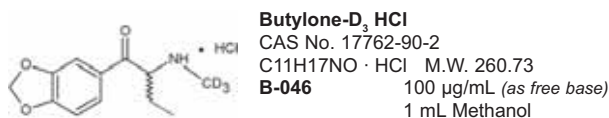
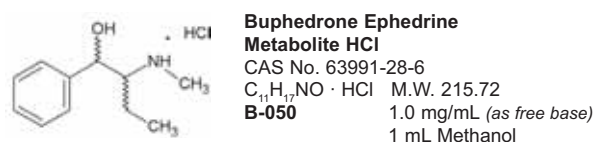
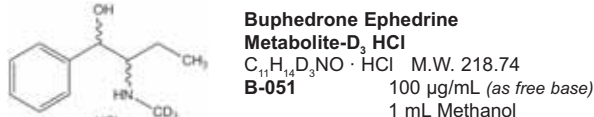
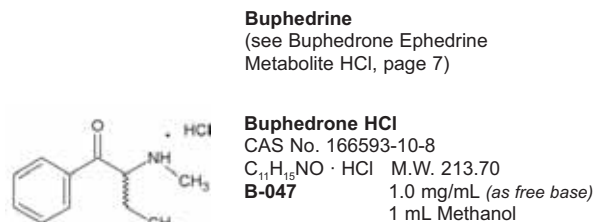
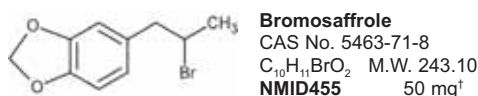
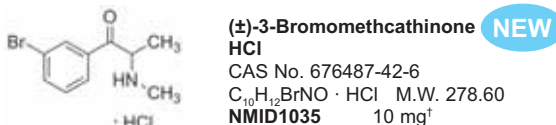
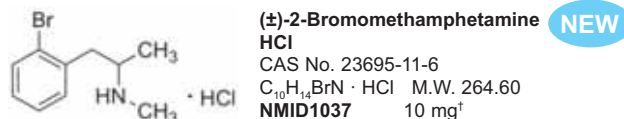
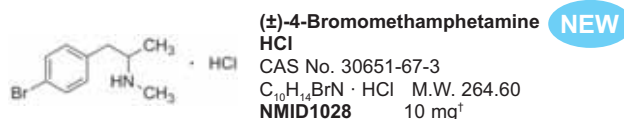
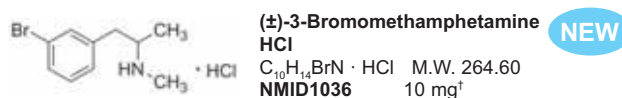
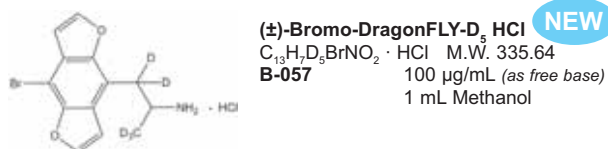
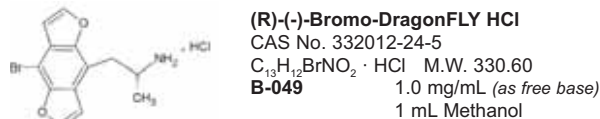
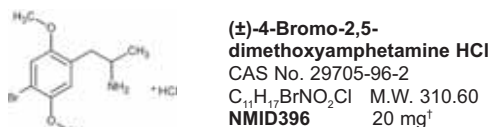
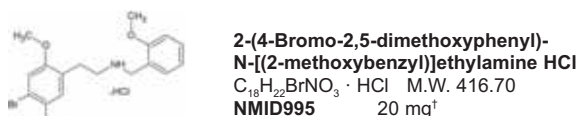
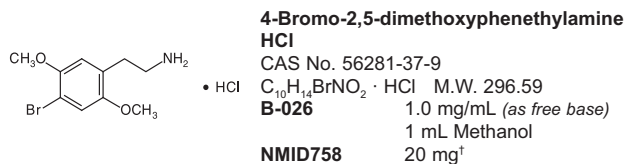
Blue Mystic
[see 2,5-Dimethoxy-4-(n)-propylthio-
phenethylamine HCl (2C-T-7 HCl), page
11]

bk-EBDB
(see Eutylone HCl, page 12)



(±)-4-Bromoamphetamine HCl **NEW**
CAS No. 58400-88-7
C₉H₁₂BrN · HCl M.W. 250.60
NMID1032 10 mg[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



BZP
 (see Benzyl piperazine diHCl, page 6)

25C
 (see 25C-NBOMe HCl, page 8)

2C-B
 (see 4-Bromo-2,5-dimethoxyphenethylamine HCl, page 7)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

2C-C

[see 4-Chloro-2,5-Dimethoxyphenethylamine HCl (2C-C HCl), page 9]

2C-D

[see (±)-2,5-Dimethoxy-4-methylamphetamine HCl (2C-D HCl), page 10]

2C-E

[see 2,5-Dimethoxy-4-ethylphenylethylamine HCl (2C-E HCl), page 8]

3C-E

(see Escaline HCl, page 11)

2C-I

[see 4-Iodo-2,5-Dimethoxyphenethylamine HCl (2C-I HCl), page 14]

2C-I-NBF

(see 25I-NBF HCl, page 13)

2C-I-NBOH

(see 25I-NBOH HCl, page 13)

2C-I-NBMD

(see 25I-NBMD HCl, page 13)

2C-I-NBOMe

(see 25I-NBOMe HCl, page 13)

2C-M

[see (±)-2,5-Dimethoxy-4-methylamphetamine HCl (2C-D HCl), page 10]

2C-N

[see 2,5-Dimethoxy-4-nitrophenethylamine HCl (2C-N HCl), page 10]

2C-P

[see 2,5-Dimethoxy-4-(n)-propylphenethylamine HCl (2C-P HCl), page 10]

2C-T-2

[see 2,5-Dimethoxy-4-ethylthiophenethylamine HCl (2C-T-2 HCl), page 10]

2C-T-4

[see 2,5-Dimethoxy-4-isopropylthiophenethylamine HCl (2C-T-4 HCl), page 10]

2C-T-7

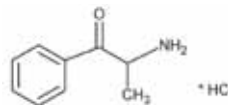
[see 2,5-Dimethoxy-4-(n)-propylthiophenethylamine HCl (2C-T-7 HCl), page 11]

Cathine

[see (+)-Norpseudoephedrine HCl, page 18]

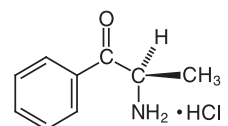
C-BOOM

(see 25C-NBOMe HCl, page 8)



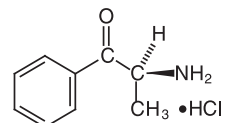
(±)-Cathinone HCl

CAS No. 16735-19-6
C₉H₁₁NO · HCl M.W. 185.70
NMID929 20 mg[†]



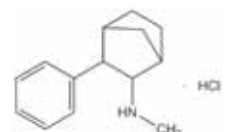
R(+)-Cathinone HCl

CAS No. 76333-53-4
C₉H₁₁NO · HCl M.W. 185.65
C-028 1.0 mg/mL (as free base)
1 mL Methanol



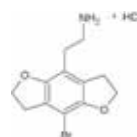
S(-)-Cathinone HCl

CAS No. 72739-14-1
C₉H₁₁NO · HCl M.W. 185.65
C-019 1.0 mg/mL (as free base)
1 mL Methanol



Camfetamine HCl

CAS No. 92499-19-9
C₁₄H₁₉N · HCl M.W. 237.77
C-127 1.0 mg/mL (as free base)
1 mL Methanol



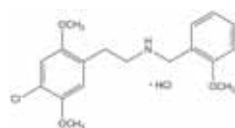
2C-B-FLY HCl

CAS No. 178557-21-6
C₁₂H₁₄BrNO₂ · HCl M.W. 320.61
C-122 1.0 mg/mL (as free base)
1 mL 10% Water in Acetonitrile



2C-B-FLY-D₄ HCl

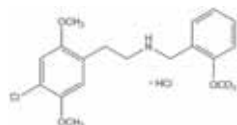
CAS No. 1346746-84-6
C₁₂H₁₀D₄BrNO₂ · HCl M.W. 324.63
C-133 100 µg/mL (as free base)
1 mL 10% Water in Acetonitrile



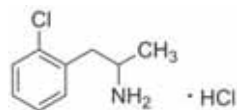
25C-NBOMe HCl

CAS No. 1539266-19-7
C₁₈H₂₂ClNO₃ · HCl M.W. 372.29
C-131 1.0 mg/mL (as free base)
1 mL Methanol

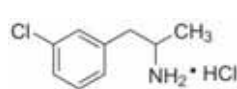
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



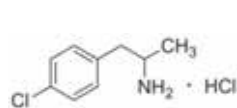
25C-NBOMe-D₃ HCl
 $C_{18}H_{19}D_3ClNO_3 \cdot HCl$ M.W. 375.30
C-132 100 µg/mL (as free base)
 1 mL Methanol



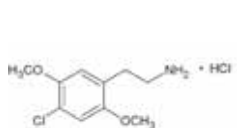
(±)-2-Chloroamphetamine HCl **NEW**
 CAS No. 35334-29-3
 $C_9H_{12}ClN \cdot HCl$ M.W. 206.10
NMID1042 10 mg[†]



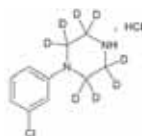
(±)-3-Chloroamphetamine HCl **NEW**
 CAS No. 35378-15-5
 $C_9H_{12}ClN \cdot HCl$ M.W. 206.10
NMID1033 10 mg[†]



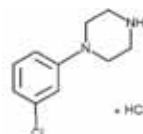
(±)-4-Chloroamphetamine HCl **NEW**
 CAS No. 3706-38-5
 $C_9H_{12}ClN \cdot HCl$ M.W. 206.10
NMID1043 10 mg[†]



4-Chloro-2,5-Dimethoxyphenethylamine HCl (2C-C HCl) **NEW**
 CAS No. 88441-15-0
 $C_{10}H_{14}ClNO_2 \cdot HCl$ M.W. 252.14
C-124 1.0 mg/mL (as free base)
 1 mL Methanol
NMID1007 10 mg[†]



1-(3-Chlorophenyl)piperazine-D₈ HCl
 $C_{10}H_8D_8ClN_2 \cdot HCl$ M.W. 241.19
C-112 100 µg/mL (as free base)
 1 mL Methanol

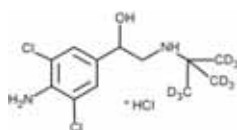


1-(3-Chlorophenyl)piperazine HCl
 CAS No. 65369-76-8
 $C_{10}H_{12}ClN_2 \cdot HCl$ M.W. 233.14
C-089 1.0 mg/mL (as free base)
 1 mL Methanol
NMID907 50 mg[†]

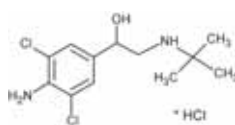
Cimbi-21
 (see 25I-NBF HCl, page 13)

Cimbi-27
 (see 25I-NBOH HCl, page 13)

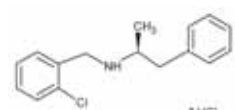
Cimbi-29
 (see 25I-NBMD HCl, page 13)



Clenbuterol-D₃ HCl
 CAS No. 184006-60-8
 $C_{12}D_3H_9Cl_2N_2O \cdot HCl$ M.W. 322.70
C-081 100 µg/mL (as free base)
 1 mL Methanol
NMIM954 1 mg[†]

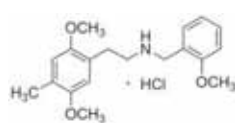


Clenbuterol HCl
 CAS No. 21898-19-1
 $C_{12}H_{18}Cl_2N_2O \cdot HCl$ M.W. 313.65
C-080 1.0 mg/mL (as free base)
 1 mL Methanol



Clobenzorex HCl
 CAS No. 5843-53-8
 $C_{16}H_{19}ClN_2$ M.W. 296.30
NMID692 20 mg[†]

mCPP
 [see 1-(3-Chlorophenyl)piperazine HCl, page 9]



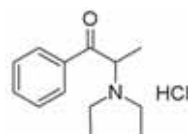
25D-NBOMe HCl **NEW**
 CAS No. 1539266-35-7
 $C_{16}H_{25}NO_3 \cdot HCl$ M.W. 351.90
NMID1010 10 mg[†]

Desmethyipseudoephedrine
 [see (+)-Norpseudoephedrine HCl, page 18]

Desoxyephedrine
 [see (±)-Methamphetamine, page 15;
 R(-)-Methamphetamine, page 15;
 S(+)-Methamphetamine, page 15]

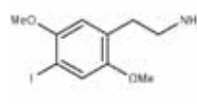
Dexedrine
 [see (±)-Amphetamine, page 5;
 R(-)-Amphetamine, page 5; S(+)-
 Amphetamine, page 5]

Diethylcathinone
 (see N-Ethylcathinone HCl, page 11)

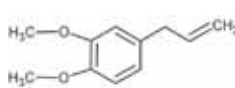


N,N-Diethylcathinone HCl
 CAS No. 134-80-58
 $C_{13}H_{20}ClNO$ M.W. 241.80
NMID957 20 mg[†]

1,3-Dimethylamylamine
 [see Methylhexanamine HCl (DMAA HCl), page 17]



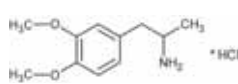
Dimethoxy-4-iodophenethylamine HCl
 CAS No. 69587-11-7
 $C_{10}H_{14}INO_2$ M.W. 307.13
B110223-50 50 mg[†]



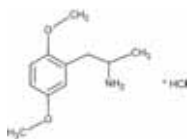
1,2-Dimethoxy-4-(2-propenyl)-benzene
 CAS No. 442-51-3
 $C_{13}H_{12}N_2O$ M.W. 212.30
NMID885 10 mg[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

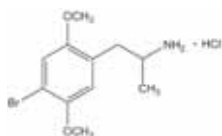
drugs, metabolites, impurities



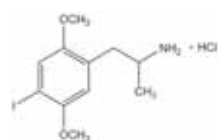
(±)-3,4-Dimethoxyamphetamine HCl
CAS No. 13078-75-6
 $C_{11}H_{18}NO_2 \cdot Cl$ M.W. 231.8
NMID453 50 mg[†]



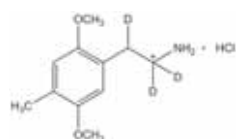
(±)-2,5-Dimethoxyamphetamine HCl
CAS No. 24973-25-9
 $C_{11}H_{18}NO_2 \cdot Cl$ M.W. 231.8
NMID749 50 mg[†]



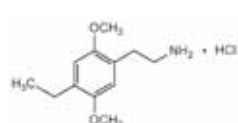
(±)-2,5-Dimethoxy-4-Bromoamphetamine HCl
CAS No. 29705-96-2
 $C_{11}H_{16}BrNO_2 \cdot HCl$ M.W. 310.62
D-101 1.0 mg/mL (as free base)
1 mL Methanol



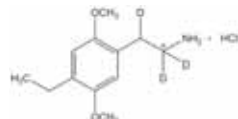
(±)-2,5-Dimethoxy-4-Iodoamphetamine HCl
CAS No. 42203-78-1
 $C_{11}H_{16}INO_2 \cdot HCl$ M.W. 357.62
D-100 1.0 mg/mL (as free base)
1 mL Methanol



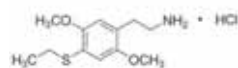
2,5-Dimethoxy-4-methylphenethylamine-¹³C,₃D₃ HCl (2C-D-¹³C,₃D₃ HCl) **NEW**
 $C_{10}^{13}CH_4D_3NO_2 \cdot HCl$ M.W. 235.73
D-106 100 µg/mL (as free base)
1 mL Methanol



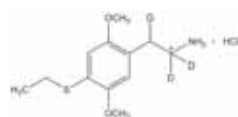
2,5-Dimethoxy-4-ethylphenethylamine HCl (2C-E HCl) **NEW**
CAS No. 923013-67-6
 $C_{12}H_{18}NO_2 \cdot HCl$ M.W. 245.75
E-083 1.0 mg/mL (as free base)
1 mL Methanol



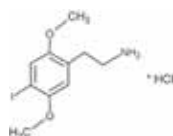
2,5-Dimethoxy-4-ethylphenethylamine-¹³C,₃D₃ HCl (2C-E-¹³C,₃D₃ HCl) **NEW**
 $C_{11}^{13}CH_6D_3NO_2 \cdot HCl$ M.W. 249.76
E-107 100 µg/mL (as free base)
1 mL Methanol



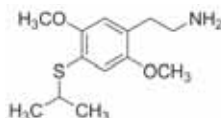
2,5-Dimethoxy-4-ethylthiophenethylamine HCl (2C-T-2 HCl)
CAS No. 681160-71-4
 $C_{12}H_{18}NO_2S \cdot HCl$ M.W. 277.81
T-087 1.0 mg/mL (as free base)
1 mL Methanol



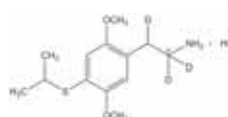
2,5-Dimethoxy-4-ethylthiophenethylamine-¹³C,₃D₃ HCl (2C-T-2-¹³C,₃D₃ HCl) **NEW**
 $C_{11}^{13}CH_6D_3NO_2S \cdot HCl$ M.W. 281.82
T-091 100 µg/mL (as free base)
1 mL Methanol



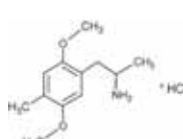
2,5-Dimethoxy-4-iodophenylethylamine HCl **NEW**
CAS No. 64584-32-3
 $C_{10}H_{14}INO_2 \cdot HCl$ M.W. 343.6
NMID922 10 mg[†]



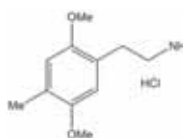
2,5-Dimethoxy-4-isopropylthiophenethylamine HCl (2C-T-4 HCl)
CAS No. 868738-44-7
 $C_{13}H_{21}NO_2S \cdot HCl$ M.W. 291.84
T-088 1.0 mg/mL (as free base)
1 mL Methanol



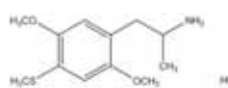
2,5-Dimethoxy-4-isopropylthiophenethylamine-¹³C,₃D₃ HCl (2C-T-4-¹³C,₃D₃ HCl) **NEW**
 $C_{12}^{13}CH_8D_3NO_2S \cdot HCl$ M.W. 295.85
T-090 100 µg/mL (as free base)
1 mL Methanol



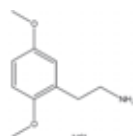
(±)-2,5-Dimethoxy-4-methylamphetamine HCl (2C-D)
CAS No. 15589-00-1
 $C_{12}H_{18}NO_2 \cdot HCl$ M.W. 245.8
D-095 1.0 mg/mL (as free base)
1 mL Methanol
NMID470B 10 mg[†]



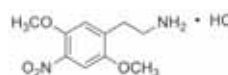
2,5-Dimethoxy-4-methylphenethylamine HCl (2C-D) **NEW**
CAS No. 25505-65-1
 $C_{11}H_{17}NO_2 \cdot HCl$ M.W. 231.7
NMID1009 20 mg[†]



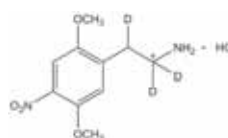
2,5-Dimethoxy-4-methylthioamphetamine HCl (2C-M) **NEW**
CAS No. 61638-08-2
 $C_{12}H_{19}NO_2S \cdot HCl$ M.W. 277.8
NMID1015 20 mg[†]



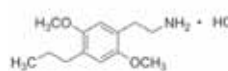
2,5-Dimethoxyphenylethylamine HCl **NEW**
CAS No. 3166-74-3
 $C_{10}H_{15}NO_2 \cdot HCl$ M.W. 217.7
NMID993 20 mg[†]



2,5-Dimethoxy-4-nitrophenethylamine HCl (2C-N HCl)
CAS No. 874140-40-6
 $C_{10}H_{14}N_2O_4 \cdot HCl$ M.W. 262.69
N-086 1.0 mg/mL (as free base)
1 mL Methanol

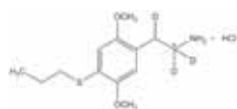


2,5-Dimethoxy-4-nitrophenethylamine-¹³C,₃D₃ HCl (2C-N-¹³C,₃D₃ HCl) **NEW**
 $C_9^{13}CH_7D_3N_2O_4 \cdot HCl$ M.W. 266.7
N-096 100 µg/mL (as free base)
1 mL Methanol

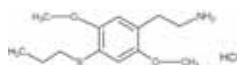


2,5-Dimethoxy-4-(n-propyl)phenethylamine HCl (2C-P HCl)
CAS No. 1359704-27-0
 $C_{13}H_{21}NO_2 \cdot HCl$ M.W. 259.13
P-091 1.0 mg/mL (as free base)
1 mL Methanol

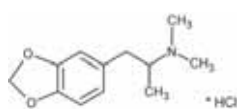
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



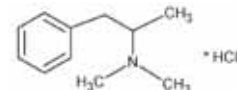
2,5-Dimethoxy-4-(n)-propylthio-phenethylamine-¹³C, D₃ HCl (2C-T-7-¹³C, D₃ HCl)
C12[13]CH18D3NO2S.HCl M.W. 295.84
T-089 100 µg/mL (as free base)
 1 mL 10% Water in Acetonitrile



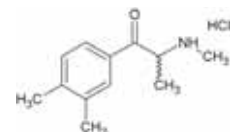
2,5-Dimethoxy-4-(n)-propylthio-phenethylamine HCl (2C-T-7 HCl)
 CAS No. 850140-15-7
C13H21NO2S.HCl M.W. 291.40
T-084 1.0 mg/mL (as free base)
 1 mL 10% Water in Acetonitrile
NMID919 5 mg[†]



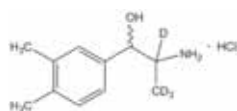
(±)-N,N-Dimethyl-3,4-methylene-dioxyamphetamine HCl
 CAS No. 131206-60-5
C12H18NO2Cl M.W. 207.20
NMID503 20 mg[†]



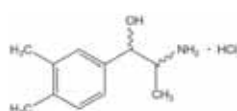
(-)-N,N-Dimethylamphetamine HCl
 CAS No. 33286-27-0
C11H18NCl M.W. 199.80
NMID693 10 mg[†]



(±)-3,4-Dimethylmethcathinone HCl
 CAS No. 1081772-06-6
C12H17NO.HCl M.W. 227.70
D-093 1.0 mg/mL (as free base)
 1 mL Methanol



3,4-Dimethylmethcathinone norephedrine metabolite-D₄ HCl
C11H13D4NO.HCl M.W. 219.75
D-097 100 µg/mL (as free base)
 1 mL Methanol



3,4-Dimethylmethcathinone norephedrine metabolite HCl
C11H17NO.HCl M.W. 215.72
D-096 1.0 mg/mL (as free base)
 1 mL Methanol

DMAA
 [see Methylhexanamine HCl (DMAA HCl), page 17]

3,4-DMMC
 [see (±)-3,4-Dimethylmethcathinone HCl, page 11]

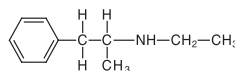
DOB
 [see (±)-2,5-Dimethoxy-4-Bromoamphetamine HCl, page 11]

DOB-Dragonfly
 (see (R)-(-)-Bromo-DragonFLY HCl, page 7)

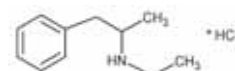
DOI
 [see (±)-2,5-Dimethoxy-4-Iodoamphetamine HCl, page 11]

Ecstasy
 [see (±)-MDMA, page 15]

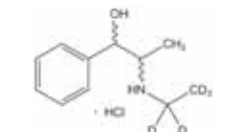
Ephedrone
 [see R(+)-Methcathinone HCl, page 16; S(-)-Methcathinone HCl, page 16]



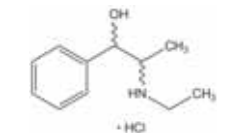
(±)-N-Ethylamphetamine
 CAS No. 457-87-4
C11H17N M.W. 163.26
E-018 1.0 mg/mL
 1 mL Methanol



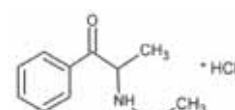
(±)-N-Ethylamphetamine HCl
 CAS No. 1858-47-5
C11H18NCl M.W. 199.70
NMID753 50 mg[†]



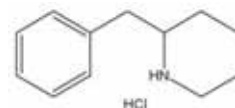
(±)-N-Ethylcathinone ephedrine metabolite-D₅ HCl
C11H12D5NO.HCl M.W. 220.75
E-085 100 µg/mL (as free base)
 1 mL Methanol



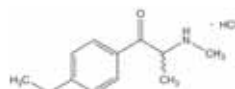
(±)-N-Ethylcathinone ephedrine metabolite HCl
 CAS No. 63401-08-1
C11H17NO.HCl M.W. 215.72
E-084 1.0 mg/mL (as free base)
 1 mL Methanol



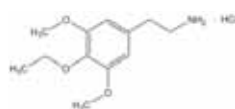
N-Ethylcathinone HCl
 CAS No. 51553-17-4
C11H16ClNO M.W. 213.70
E-080 1.0 mg/mL (as free base)
 1 mL Methanol
NMID938B 20 mg[†]



(±)-N-Ethyl-1-phenyl-2-butylamine HCl
 CAS No. 29805-52-5
C12H19N.HCl M.W. 213.80
NMID997 20 mg[†]



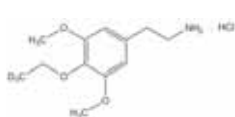
4-Ethylmethcathinone HCl
C12H17NO.HCl M.W. 227.73
E-090 1.0 mg/mL (as free base)
 1 mL Methanol



Escaline HCl NEW
 CAS No. 3166-82-3
C12H19NO3.HCl M.W. 261.75
E-111 1.0 mg/mL (as free base)
 1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

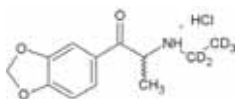
drugs, metabolites, impurities



Escaline-D₃ HCl

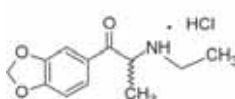
C₁₂H₁₆D₃NO₃ · HCl M.W. 264.76
E-112 100 µg/mL (as free base)
 1 mL Methanol

NEW



Ethylone-D₅ HCl

C₁₂H₁₀D₅NO₃ · HCl M.W. 262.74
E-072 100 µg/mL (as free base)
 1 mL Methanol

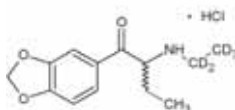


Ethylone HCl

C₁₂H₁₅NO₃ · HCl M.W. 257.71
E-071 1.0 mg/mL (as free base)
 1 mL Methanol

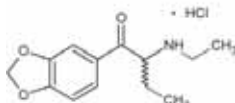
Ethylpropion

(see N-Ethylcathinone HCl, page 11)



Eutylone-D₅ HCl

C₁₃H₁₅D₅NO₃ · HCl M.W. 276.77
E-091 100 µg/mL (as free base)
 1 mL Methanol

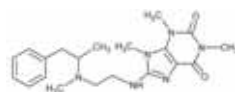


Eutylone HCl

CAS No. 17764-18-0
 C₁₃H₁₇NO₃ · HCl M.W. 271.74
E-087 1.0 mg/mL (as free base)
 1 mL Methanol

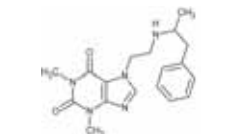
2-FA

(see 2-Fluoroamphetamine HCl, page 12)



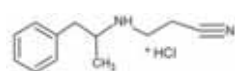
Fencamine

CAS No. 28947-50-4
 C₂₀H₂₆N₂O₂ M.W. 384.50
NMID913 10 mg[†]



Fenetylline HCl

CAS No. 1892-80-4
 C₁₈H₂₂N₂O₂ · HCl M.W. 377.90
NMID543B 20 mg[†]



Fenproporex HCl

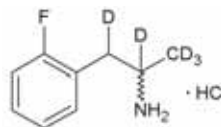
CAS No. 16359-54-9
 C₁₂H₁₆N₂ · HCl M.W. 224.70
NMID500B 25 mg[†]

Flephedrone HCl

(see 4-Fluoromethcathinone HCl, page 13)

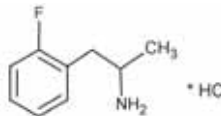
Flephedrone metabolite

[see (±)-4-Fluorophedrine HCl, page 12]



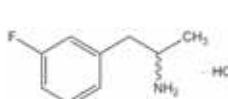
2-Fluoroamphetamine-D₅ HCl

C₉H₁₂D₅FN · HCl M.W. 194.69
F-023 100 µg/mL (as free base)
 1 mL Methanol



2-Fluoroamphetamine HCl

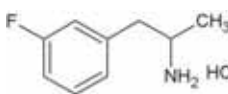
CAS No. 1716-60-5
 C₉H₁₂FN · HCl M.W. 189.70
F-019 1.0 mg/mL (as free base)
 1 mL Methanol
NMID946 10 mg[†]



(±)-3-Fluoroamphetamine HCl

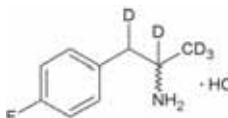
CAS No. 1716-59-2
 C₉H₁₂FN · HCl M.W. 189.66
F-033 1.0 mg/mL (as free base)
 1 mL Methanol

NEW



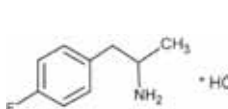
(±)-3-Fluoroamphetamine HCl

CAS No. 1716-59-2
 C₉H₁₂FN · HCl M.W. 189.70
NMID979 10 mg[†]



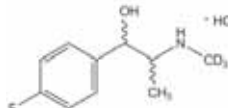
4-Fluoroamphetamine-D₃ HCl

C₉H₁₂D₃FN · HCl M.W. 194.69
F-022 100 µg/mL (as free base)
 1 mL Methanol



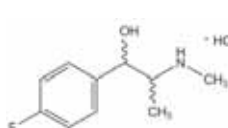
4-Fluoroamphetamine HCl

CAS No. 64609-06-9
 C₉H₁₂FN · HCl M.W. 189.66
F-018 1.0 mg/mL (as free base)
 1 mL Methanol
NMID943 10 mg[†]



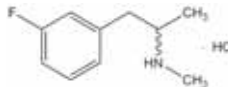
(±)-4-Fluorophedrine-D₃ HCl

C₁₀H₁₁D₃FNO · HCl M.W. 222.70
F-028 100 µg/mL (as free base)
 1 mL Methanol



(±)-4-Fluorophedrine HCl

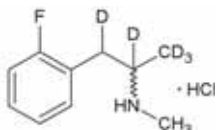
CAS No. 322-25-8
 C₁₀H₁₄FNO · HCl M.W. 219.68
F-027 1.0 mg/mL (as free base)
 1 mL Methanol



(±)-3-Fluoromethamphetamine HCl

CAS No. 1324717-74-9
 C₁₀H₁₄FN · HCl M.W. 203.68
F-034 1.0 mg/mL (as free base)
 1 mL Methanol

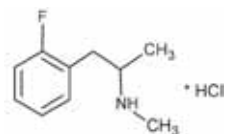
NEW



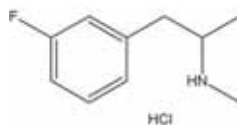
2-Fluoromethamphetamine-D₅ HCl

C₁₀H₁₄D₅FN · HCl M.W. 208.72
F-025 100 µg/mL (as free base)
 1 mL Methanol

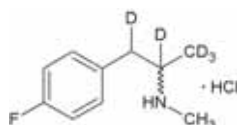
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



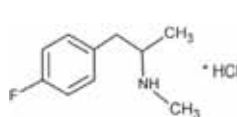
2-Fluoromethamphetamine HCl
 $C_{10}H_{14}FN \cdot HCl$ M.W. 203.70
F-021 100 µg/mL (as free base)
 1 mL Methanol
NMID933 10 mg[†]



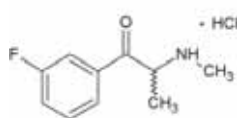
(±)-3-Fluoromethamphetamine HCl
 CAS No. 1324717-74-9
 $C_{10}H_{14}FN \cdot HCl$ M.W. 203.70
NMID994 20 mg[†]



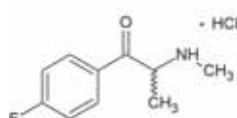
4-Fluoromethamphetamine-D₅ HCl
 $C_{10}H_9D_5FN \cdot HCl$ M.W. 208.72
F-024 100 µg/mL (as free base)
 1 mL Methanol



(±)-4-Fluoromethamphetamine HCl
 CAS No. 52063-62-4
 $C_{10}H_{14}FN \cdot HCl$ M.W. 203.70
F-020 1.0 mg/mL (as free base)
 1 mL Methanol
NMID934 10 mg[†]



3-Fluoromethcathinone HCl
 CAS No. 1346600-40-5
 $C_{10}H_{12}FNO \cdot HCl$ M.W. 217.67
F-016 1.0 mg/mL (as free base)
 1 mL Methanol



4-Fluoromethcathinone HCl
 CAS No. 7589-35-7
 $C_{10}H_{12}FNO \cdot HCl$ M.W. 217.67
F-015 1.0 mg/mL (as free base)
 1 mL Methanol

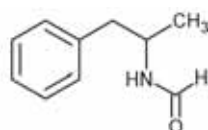
3-Fluoroephedrone
 (see 3-Fluoromethcathinone HCl, page 13)

Flux
 (see 4-Fluoroamphetamine HCl, page 12)

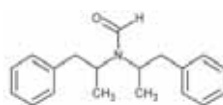
2-FMA
 (see 2-Fluoromethamphetamine HCl, page 13)

3-FMA
 (see (±)-3-Fluoroamphetamine HCl, page 12)

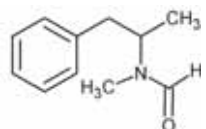
4-FMA
 [see (±)-4-Fluoromethamphetamine HCl, page 13]



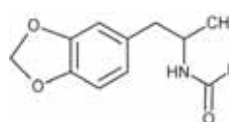
N-Formylamphetamine
 CAS No. 67669-00-5
 $C_{10}H_{13}NO$ M.W. 163.20
NMID447 50 mg[†]



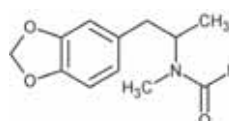
N-Formyl-di-(1-isopropylphenyl)amine
 CAS No. 71685-26-2
 $C_{19}H_{23}NO$ M.W. 281.40
NMID465 20 mg[†]



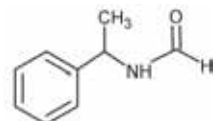
N-Formyl-methylamphetamine
 CAS No. 42932-20-7
 $C_{11}H_{15}NO$ M.W. 177.30
NMID502 20 mg[†]



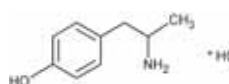
(±)-N-Formyl-3,4-methylenedioxyamphetamine
 CAS No. 67669-00-5
 $C_{11}H_{13}NO_3$ M.W. 207.20
NMID498 50 mg[†]



N-Formyl-N-methyl-3,4-methylenedioxyamphetamine
 CAS No. 154148-22-8
 $C_{12}H_{15}NO_3$ M.W. 221.30
NMID538 50 mg[†]

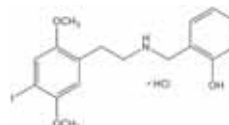


N-Formyl-1-phenylethylamine
 CAS No. 6948-01-2
 $C_9H_{11}NO$ M.W. 149.19
NMID526 50 mg[†]

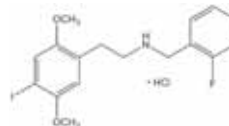


(±)-4-Hydroxyamphetamine HCl
 CAS No. 876-26-6
 $C_9H_{11}NOCl$ M.W. 187.70
NMID824 20 mg[†]

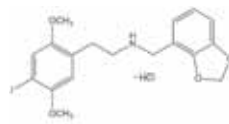
5-IAI
 [see 5-Iodo-2-aminoindane HCl (5-IAI HCl), page 14]



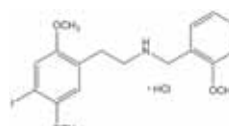
25I-NBOH HCl **NEW**
 $C_{17}H_{20}INO_3 \cdot HCl$ M.W. 449.71
I-019 1.0 mg/mL (as free base)
 1 mL Methanol



25I-NBF HCl **NEW**
 CAS No. 1539266-13-1
 $C_{17}H_{19}IFNO_2 \cdot HCl$ M.W. 451.70
I-020 1.0 mg/mL (as free base)
 1 mL Methanol

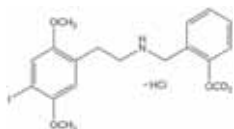


25I-NBMD HCl **NEW**
 CAS No. 1539266-14-2
 $C_{18}H_{20}INO_4 \cdot HCl$ M.W. 477.72
I-022 1.0 mg/mL (as free base)
 1 mL Methanol

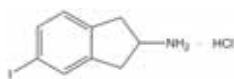


25I-NBOMe HCl **NEW**
 CAS No. 1043868-97-8
 $C_{18}H_{22}INO_3 \cdot HCl$ M.W. 463.74
I-016 1.0 mg/mL (as free base)
 1 mL Methanol

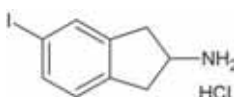
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



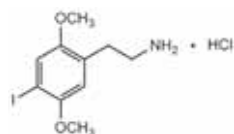
25I-NBOMe-D₃ HCl **NEW**
 $C_{18}H_{19}D_3NO_3 \cdot HCl$ M.W. 466.76
I-017 100 µg/mL (as free base)
 1 mL Methanol



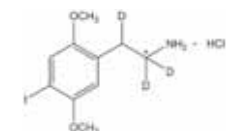
5-Iodo-2-aminoindane HCl (5-IAI HCl)
 $C_9H_{10}NI \cdot HCl$ M.W. 295.55
I-014 1.0 mg/mL (as free base)
 1 mL Methanol



5-Iodo-2-aminoindane HCl
 $C_9H_{10}NI \cdot HCl$ M.W. 295.60
NMID980 10 mg[†]



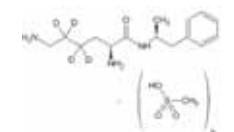
4-Iodo-2,5-Dimethoxyphenethylamine HCl (2C-I HCl)
 CAS No. 64584-32-3
 $C_{10}H_{14}INO_2 \cdot HCl$ M.W. 343.59
I-012 1.0 mg/mL (as free base)
 1 mL Methanol



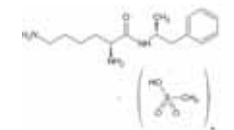
4-Iodo-2,5-dimethoxyphenethylamine-¹³C,₃D₃ HCl (2C-I-¹³C,₃D₃ HCl)
 $C_9^{13}CH_{11}D_3INO_2 \cdot HCl$ M.W. 347.60
I-018 100 µg/mL (as free base)
 1 mL Methanol

5-IT
 (see 5-API (5-IT), page 6)

Khat
 [see R(+)-Cathinone HCl, page 8;
 S(-)-Cathinone HCl, page 8]



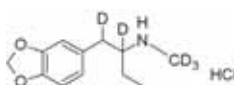
Lisdexamfetamine-D₄ dimesylate
 $C_{15}H_{24}D_4N_3O \cdot 2(CH_3SO_3H)$ M.W. 459.61
L-028 100 µg/mL (as free base)
 1 mL Methanol



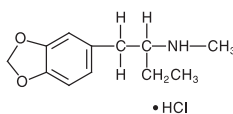
Lisdexamfetamine dimesylate
 CAS No. 608137-33-3
 $C_{15}H_{26}N_3O \cdot 2(CH_3SO_3H)$ M.W. 455.59
L-026 1.0 mg/mL (as free base)
 1 mL Methanol

MABP
 (see Buphedrone HCl, page 7)

bk-MBDB
 (see Butylone HCl, page 7)

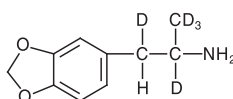


(±)-MBDB-D₅ HCl **NEW**
 $C_{12}H_{17}D_5NO_2 \cdot HCl$ M.W. 248.76
M-186 100 µg/mL (as free base)
 1 mL Methanol

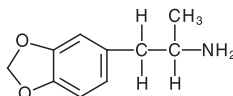


(±)-MBDB HCl
 [(±)-N-Methyl-1-(3,4-methylenedioxyphenyl)-2-butanamine HCl]
 CAS No. 128767-12-4
 $C_{12}H_{17}NO_2 \cdot HCl$ M.W. 243.73
M-102 1.0 mg/mL (as free base)
 1 mL Methanol
NMID450A 20 mg[†]

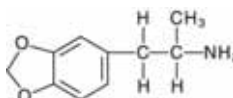
bk-MBDP
 (see Pentylone HCl, page 18)



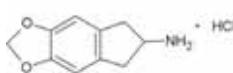
(±)-MDA-D₅
 [(±)-3,4-Methylenedioxyamphetamine-D₅]
 CAS No. 136765-42-9
 $C_{10}H_8D_5NO_2$ M.W. 184.18
M-010 100 µg/mL
 1 mL Methanol
M-027 1.0 mg/mL
 1 mL Methanol



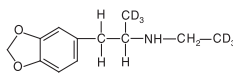
(±)-MDA
 [(±)-3,4-Methylenedioxyamphetamine]
 CAS No. 4764-17-4
 $C_{10}H_{13}NO_2$ M.W. 179.22
M-012 1.0 mg/mL
 1 mL Methanol



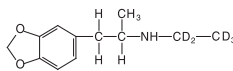
MDA HCl
 CAS No. 6292-91-7
 $C_{10}H_{14}NO_2Cl$ M.W. 215.7
NMID842 50 mg[†]



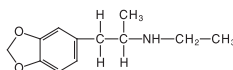
MDAI HCl
 CAS No. 132741-81-2
 $C_{10}H_{11}NO_2 \cdot HCl$ M.W. 213.66
M-144 100 µg/mL (as free base)
 1 mL Acetonitrile:Water
 (90:10) with 5% 1M HCl



(±)-MDEA-D₆
 [(±)-3,4-Methylenedioxyethylamphetamine-D₆]
 CAS No. 160227-44-1
 $C_{12}H_{11}D_6NO_2$ M.W. 213.22
M-081 100 µg/mL
 1 mL Methanol
M-082 1.0 mg/mL
 1 mL Methanol



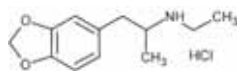
(±)-MDEA-D₅
 [(±)-3,4-Methylenedioxyethylamphetamine-D₅]
 CAS No. 160227-43-0
 $C_{12}H_{12}D_5NO_2$ M.W. 212.23
M-067 100 µg/mL
 1 mL Methanol
M-068 1.0 mg/mL
 1 mL Methanol



(±)-MDEA
 [(±)-3,4-Methylenedioxyethylamphetamine]
 CAS No. 82801-81-8
 $C_{12}H_{17}NO_2$ M.W. 207.27
M-065 1.0 mg/mL
 1 mL Methanol

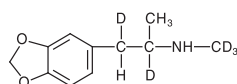
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

bk-MDEA
(see Eutylone HCl, page 12)

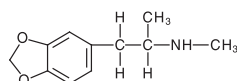


MDEA HCl
CAS No. 74341-78-9
 $C_{12}H_{18}NO_2Cl$ M.W. 243.7
NMID739 50 mg[†]

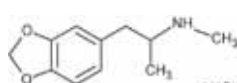
MDEC
(see Ethylone HCl, page 12)



(±)-MDMA-D₅
[(±)-3,4-Methylenedioxy-N,N-dimethyl-2-methylammonium-2,2,2-trideuterioethane]
CAS No. 136765-43-0
 $C_{11}H_9D_5NO_2$ M.W. 198.21
M-011 100 µg/mL
1 mL Methanol
M-029 1.0 mg/mL
1 mL Methanol



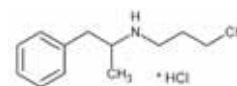
(±)-MDMA
[(±)-3,4-Methylenedioxy-N,N-dimethyl-2-methylammonium-2,2,2-trideuterioethane]
CAS No. 42542-10-9
 $C_{11}H_{15}NO_2$ M.W. 193.25
M-013 1.0 mg/mL
1 mL Methanol



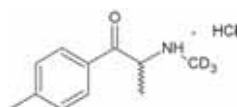
MDMA HCl
[(±)-N-Methyl-3,4-methylenedioxyamphetamine HCl]
CAS No. 64057-70-1
 $C_{11}H_{16}NO_2Cl$ M.W. 229.70
NMID792 50 mg[†]

4-MEC
(see 4'-Methylethylcathinone HCl, page 17)

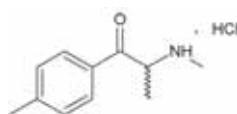
4-MEC Metabolite
[see (±)-4-Methyl-N-ethyl-norephedrine HCl, page 17]



Mefenorex HCl
CAS No. 5586-87-8
 $C_{12}H_{19}Cl_2N$ M.W. 248.20
NMID283 50 mg[†]

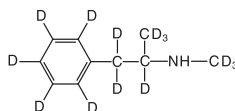


Mephedrone-D₃ HCl
CAS No. 1189972-79-9
 $C_{11}H_{12}D_3NO \cdot HCl$ M.W. 216.72
M-139 100 µg/mL (as free base)
1 mL Methanol

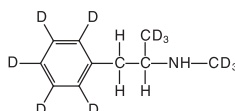


Mephedrone HCl
CAS No. 1189726-22-4
 $C_{11}H_{14}NO \cdot HCl$ M.W. 213.70
M-138 1.0 mg/mL (as free base)
1 mL Methanol

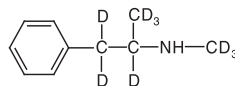
Mephedrone metabolite
[see (±)-4-Methylephedrine HCl, page 17]



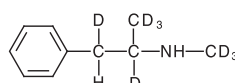
(±)-Methamphetamine-D₁₄
CAS No. 362044-12-0
 $C_{10}HD_{14}N$ M.W. 163.12
M-092 100 µg/mL
1 mL Methanol
M-093 1.0 mg/mL
1 mL Methanol



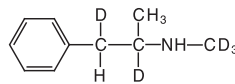
(±)-Methamphetamine-D₁₁
CAS No. 152477-88-8
 $C_{10}H_4D_{11}N$ M.W. 160.15
M-059 100 µg/mL
1 mL Methanol
M-060 1.0 mg/mL
1 mL Methanol



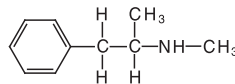
(±)-Methamphetamine-D₉
CAS No. 169565-19-9
 $C_{10}H_6D_9N$ M.W. 158.16
M-090 100 µg/mL
1 mL Methanol
M-091 1.0 mg/mL
1 mL Methanol



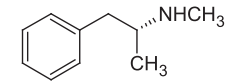
(±)-Methamphetamine-D₈
CAS No. 136765-40-7
 $C_{10}H_7D_8N$ M.W. 157.17
M-016 100 µg/mL
1 mL Methanol
M-034 1.0 mg/mL
1 mL Methanol



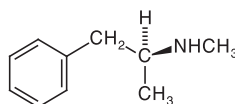
(±)-Methamphetamine-D₅
CAS No. 60124-88-1
 $C_{10}H_{10}D_5N$ M.W. 154.20
M-004 100 µg/mL
1 mL Methanol
M-023 1.0 mg/mL
1 mL Methanol



(±)-Methamphetamine
CAS No. 4846-07-5
 $C_{10}H_{15}N$ M.W. 149.24
M-022 100 µg/mL
1 mL Methanol
M-009 1.0 mg/mL
1 mL Methanol

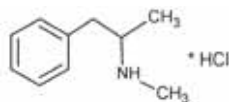


R(-)-Methamphetamine
(levo-methamphetamine)
CAS No. 33817-09-3
 $C_{10}H_{15}N$ M.W. 149.24
M-024 1.0 mg/mL
1 mL Methanol

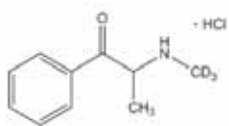


S(+)-Methamphetamine
(dextro-methamphetamine)
CAS No. 537-46-2
 $C_{10}H_{15}N$ M.W. 149.24
M-020 1.0 mg/mL
1 mL Methanol

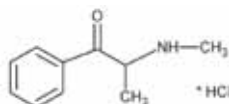
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



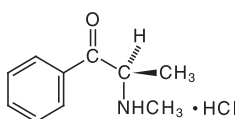
(±)-Methamphetamine HCl
CAS No. 300-42-5
 $C_{10}H_{15}N \cdot HCl$ M.W. 185.70
NMID816 50 mg[†]



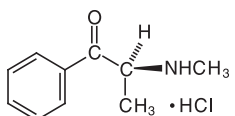
(±)-Methcathinone-D₃ HCl **NEW**
CAS No. 1246819-12-4
 $C_{10}H_9D_3NO \cdot HCl$ M.W. 202.70
M-189 100 µg/mL (as free base)
1 mL Acetonitrile



(±)-Methcathinone HCl
CAS No. 49656-78-2
 $C_{10}H_{14}NOCl$ M.W. 199.70
NMID724 20 mg[†]



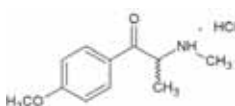
R(+)-Methcathinone HCl
CAS No. 152610-69-0
 $C_{10}H_{13}NO \cdot HCl$ M.W. 199.68
M-061 1.0 mg/mL (as free base)
1 mL Methanol



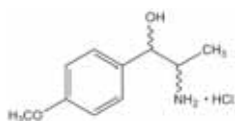
S(-)-Methcathinone HCl
CAS No. 66514-93-0
 $C_{10}H_{13}NO \cdot HCl$ M.W. 199.68
M-055 1.0 mg/mL (as free base)
1 mL Methanol

Methedrine

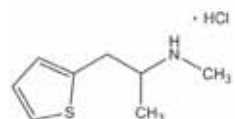
[see (±)-Methamphetamine, page 15;
R(-)-Methamphetamine, page 15;
S(+)-Methamphetamine, page 15]



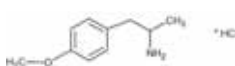
Methedrone HCl
CAS No. 879665-92-6
 $C_{11}H_{15}NO_2 \cdot HCl$ M.W. 229.7
M-147 1.0 mg/mL (as free base)
1 mL Methanol
NMID952 20 mg[†]



Methedrone Norpseudoephedrine Metabolite HCl **NEW**
CAS No. 63991-23-1
 $C_{10}H_{15}NO_2 \cdot HCl$ M.W. 217.69
M-190 1.0 mg/mL (as free base)
1 mL Methanol



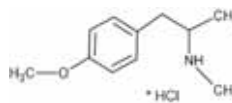
Methiopropamine HCl
CAS No. 7464-94-0
 $C_8H_{13}NS \cdot HCl$ M.W. 191.72
M-164 1.0 mg/mL (as free base)
1 mL Methanol



(±)-4-Methoxyamphetamine HCl
CAS No. 3706-26-1
 $C_{10}H_{16}NOCl$ M.W. 201.70
NMID756 50 mg[†]

p-Methoxyamphetamine HCl
(see PMA HCl, page 18)

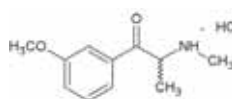
Methoxyephedrine
(see Methedrone HCl, page 16)



(±)-4-Methoxymethamphetamine HCl
CAS No. 3398-68-3
 $C_{11}H_{18}NOCl$ M.W. 215.7
NMID908 10 mg[†]

p-Methoxymethamphetamine HCl
(see PMMA HCl, page 19)

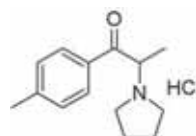
4-Methoxymethcathinone
(see Methedrone HCl, page 16)



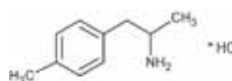
3-Methoxymethcathinone HCl
 $C_{11}H_{15}NO_2 \cdot HCl$ M.W. 229.70
M-151 1.0 mg/mL (as free base)
1 mL Methanol

Methoxyephedrine
(see 3-Methoxymethcathinone HCl, page 16)

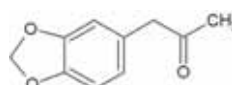
bk-Methyl-K
(see Pentylone HCl, page 18)



4-Methyl-α-pyrrolidinopropiophenone HCl
CAS No. 1313393-58-6
 $C_{14}H_{19}NO \cdot HCl$ M.W. 253.80
NMID964 20 mg[†]

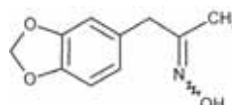


(±)-4-Methylamphetamine HCl
 $C_{10}H_{15}N \cdot HCl$ M.W. 185.70
NMID895 5 mg[†]



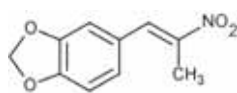
3,4-Methylenedioxyphenylacetone (MDP2P)
CAS No. 4676-39-5
 $C_{10}H_{10}O_3$ M.W. 178.20
NMID810B 500 mg[†]

Methylenedioxymethcathinone
(see Methylyone HCl, page 17)

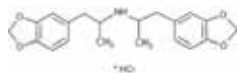


3,4-Methylenedioxybenzyl methyl ketoximine
CAS No. 52271-42-8
 $C_{10}H_{11}NO_3$ M.W. 193.20
NMID890 10 mg[†]

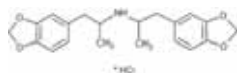
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



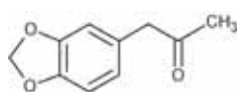
1-(3,4-Methylenedioxyphenyl)-2-nitropropene
CAS No. 5438-41-5
 $C_{10}H_9NO_4$ M.W. 207.20
NMID669 20 mg[†]



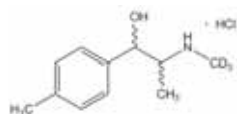
bis-(1-(3,4-Methylenedioxyphenyl)-propan-2-yl)amine HCl
(1 diastereoisomer)
CAS No. 64-11-9
 $C_{10}H_{16}NO_2$ M.W. 185.70
NMID896 10 mg[†]



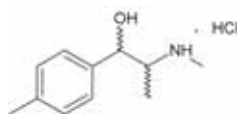
bis-(1-(3,4-Methylenedioxyphenyl)-propan-2-yl)amine HCl
(mix of isomers)
CAS No. 897-06-3
 $C_{19}H_{24}O_2$ M.W. 284.40
NMID879 1 mg[†]



3,4-Methylenedioxyphenylacetone (MDP2P)
CAS No. 4676-39-5
 $C_{10}H_{10}O_3$ M.W. 178.20
NMID810B 20 mg[†]

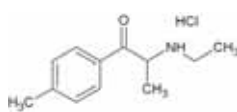


(±)-4-Methylephedrine-D₃ HCl
 $C_{11}H_{14}D_3NO \cdot HCl$ M.W. 218.74
M-160 100 µg/mL
1 mL Methanol



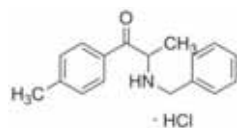
(±)-4-Methylephedrine HCl
CAS No. 27465-53-8
 $C_{11}H_{17}NO \cdot HCl$ M.W. 215.72
M-158 1.0 mg/mL (as free base)
1 mL Methanol

4-Methylephedrone
(see Mephedrone HCl, page 15)

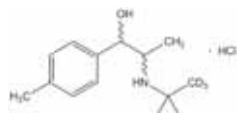


4'-Methylethylcathinone HCl
CAS No. 1266688-86-1
 $C_{12}H_{17}NO \cdot HCl$ M.W. 227.70
M-155 1.0 mg/mL (as free base)
1 mL Methanol

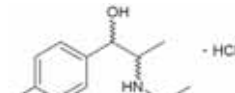
4-Methylmethcathinone
(see Mephedrone HCl, page 15)



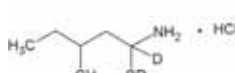
4-Methyl-N-benzylcathinone HCl **NEW**
CAS No. 1225617-75-3
 $C_{17}H_{19}NO \cdot HCl$ M.W. 289.80
NMID1026 10 mg[†]



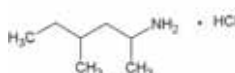
(±)-4-Methyl-N-ethyl-norephedrine-D₅ HCl
 $C_{12}H_{14}D_5NO \cdot HCl$ M.W. 234.78
M-161 100 µg/mL
1 mL Methanol



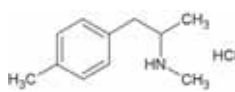
(±)-4-Methyl-N-ethyl-norephedrine HCl
CAS No. 879681-77-3
 $C_{12}H_{19}NO \cdot HCl$ M.W. 229.75
M-159 1.0 mg/mL (as free base)
1 mL Methanol



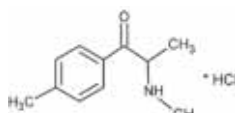
Methylhexanamine-D₄ HCl (DMAA-D₄ HCl)
 $C_7H_{13}D_4N \cdot HCl$ M.W. 155.70
M-174 100 µg/mL (as free base)
1 mL Methanol



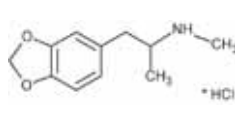
Methylhexanamine HCl (DMAA HCl)
CAS No. 13803-74-2
 $C_7H_{17}N \cdot HCl$ M.W. 151.68
M-157 1.0 mg/mL (as free base)
1 mL Methanol



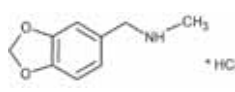
4'-Methylmethamphetamine HCl
CAS No. 161697-16-1
 $C_{11}H_{17}N \cdot HCl$ M.W. 199.70
NMID963 20 mg[†]



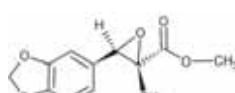
(±)-4'-Methylmethcathinone HCl **NEW**
 $C_{11}H_{15}NO \cdot HCl$ M.W. 213.10
NMID937 10 mg[†]



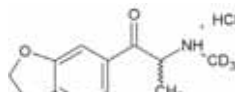
(±)-N-Methyl-3,4-methylenedioxyamphetamine HCl (MDMA)
CAS No. 64057-70-1
 $C_{11}H_{16}NO_2Cl$ M.W. 229.70
NMID792 50 mg[†]



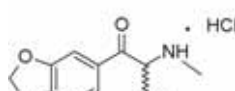
N-Methyl-3,4-methylenedioxybenzylamine HCl
CAS No. 495-76-1
 $C_8H_9O_3$ M.W. 152.15
NMID883 50 mg[†]



(2S*, 3R*)-2-Methyl-3-[3,4-(methylenedioxy)phenyl]-glycidic acid methyl ester
CAS No. 1137-04-8
 $C_{12}H_{16}N_2O$ M.W. 204.30
NMID903 10 mg[†]



Methylone-D₃ HCl
CAS No. 1246820-21-2
 $C_{10}H_{10}D_3NO_3 \cdot HCl$ M.W. 246.71
M-141 100 µg/mL (as free base)
1 mL Methanol

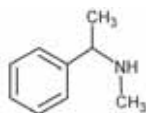


Methylone HCl
CAS No. 186028-79-5
 $C_{11}H_{13}NO_3 \cdot HCl$ M.W. 243.69
M-140 1.0 mg/mL (as free base)
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

MPA

(see Methiopropamine HCl, page 16)



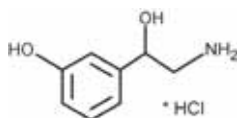
N-Methyl-1-phenylethylamine HCl

CAS No. 32512-24-6
C₉H₁₁NCl M.W. 171.70
NMID525 50 mg[†]

NBomb

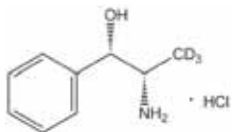
(see 25B-NBOMe HCl, page 7)

(see 25I-NBOMe HCl, page 13)



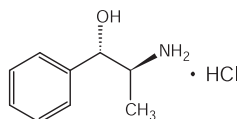
Norphenylephrine HCl

CAS No. 4779-94-6
C₈H₁₀ClNO₂ M.W. 189.6
NMIM937 50 mg[†]



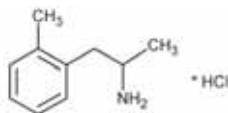
(±)-Norpseudoephedrine-D₃ HCl

C₉H₁₀D₃NO · HCl M.W. 190.65
N-087 100 µg/mL (as free base)
1 mL Methanol



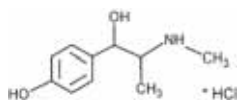
(+)-Norpseudoephedrine HCl

CAS No. 2153-98-2
C₉H₁₃NO · HCl M.W. 187.67
N-046 100 µg/mL (as free base)
1 mL Methanol
NMIM297 50 mg[†]



Ortetamine HCl

CAS No. 5580-32-5
C₁₀H₁₆ClN M.W. 185.69
NMID912 10 mg[†]

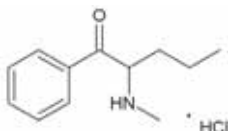


Oxilifrine HCl

CAS No. 77472-70-9
C₁₂H₁₄N₂O₂ M.W. 218.30
NMID892 10 mg[†]

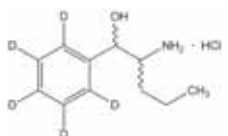
PAL-353

(see (±)-3-Fluoroamphetamine HCl, page 12)



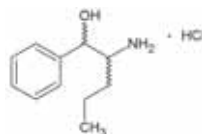
Pentedrone HCl

CAS No. 879722-57-3
C₁₂H₁₇NO · HCl M.W. 227.73
P-087 1.0 mg/mL (as free base)
1 mL Methanol



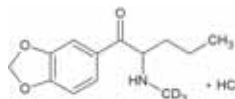
Pentedrone norephedrine metabolite-D₃ HCl

C₁₁H₁₂D₅NO · HCl M.W. 220.75
P-094 100 µg/mL (as free base)
1 mL Methanol



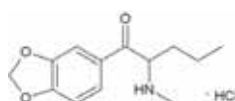
Pentedrone norephedrine metabolite HCl

CAS No. 64037-35-0
C₁₁H₁₇NO · HCl M.W. 215.72
P-089 1.0 mg/mL (as free base)
1 mL Methanol



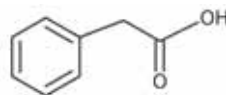
Pentylone-D₃ HCl

C₁₃H₁₄D₃NO₃ · HCl M.W. 274.76
P-102 100 µg/mL (as free base)
1 mL Methanol



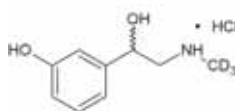
Pentylone HCl

CAS No. 17763-01-8
C₁₃H₁₇NO₃ · HCl M.W. 271.74
P-086 1.0 mg/mL (as free base)
1 mL Methanol



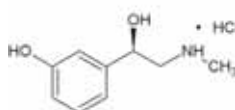
Phenylacetic acid

CAS No. 103-82-2
C₈H₈O₂ M.W. 136.20
NMID917 50 mg[†]



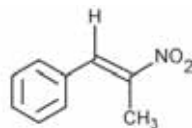
Phenylephrine-D₃ HCl

C₉H₁₀D₃NO₂ · HCl M.W. 206.68
P-079 100 µg/mL (as free base)
1 mL Methanol with 5%
1 M HCl
B130341-10 10 mg[†]



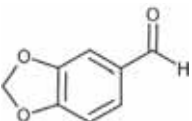
(R)-(-)-Phenylephrine HCl

CAS No. 61-76-7
C₉H₁₃NO₂ · HCl M.W. 203.67
P-078 1.0 mg/mL (as free base)
1 mL Methanol



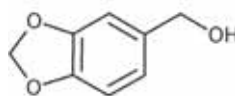
1-Phenyl-2-nitropropene

CAS No. 103-79-7
C₉H₁₀O M.W. 134.20
NMID869 10 mg[†]



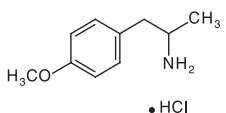
Piperonal

CAS No. 705-60-2
C₉H₈NO₂ M.W. 163.20
NMID870 100 mg[†]



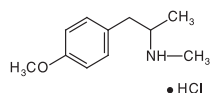
Piperonyl alcohol

CAS No. 6974-61-4
C₁₀H₁₂O₃ M.W. 180.20
NMID881 10 mg[†]

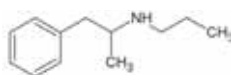


PMA HCl

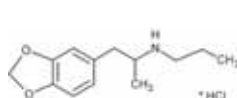
CAS No. 52740-56-4
C₁₀H₁₅NO · HCl M.W. 201.70
P-050 1.0 mg/mL (as free base)
1 mL Methanol



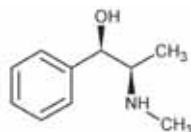
PMMA HCl
CAS No. 3398-68-3
 $C_{11}H_{17}NO \cdot HCl$ M.W. 215.72
P-051 1.0 mg/mL (as free base)
1 mL Methanol



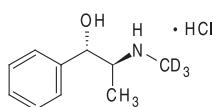
(±)-N-Propylamphetamine
CAS No. 51799-32-7
 $C_{12}H_{19}N$ M.W. 177.29
P-083 1.0 mg/mL
1 mL Methanol



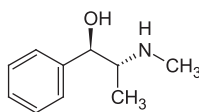
(±)-N-Propyl-3,4-methylenedioxyamphetamine HCl
CAS No. 74341-77-8
 $C_{13}H_{20}NO_2Cl$ M.W. 221.30
NMID495 20 mg[†]



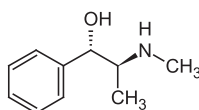
(-)-Pseudoephedrine
CAS No. 321-98-1
 $C_{10}H_{15}NO$ M.W. 165.2
NMID397 100 mg[†]



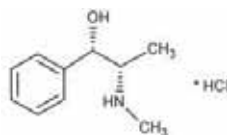
Pseudoephedrine-D₃ HCl
CAS No. 284665-25-4
 $C_{10}H_7D_3NO \cdot HCl$ M.W. 204.67
P-056 100 µg/mL (as free base)
1 mL Methanol



R,R(-)-Pseudoephedrine
CAS No. 321-97-1
 $C_{10}H_{15}NO$ M.W. 165.23
P-036 1.0 mg/mL
1 mL Methanol

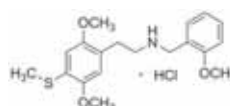


S,S(+)-Pseudoephedrine
CAS No. 90-82-4
 $C_{10}H_{15}NO$ M.W. 165.23
P-035 1.0 mg/mL
1 mL Methanol



(+)-Pseudoephedrine HCl
CAS No. 345-78-8
 $C_{10}H_{16}NOCl$ M.W. 201.70
NMID775B 50 mg[†]

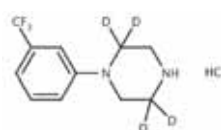
7th Heaven
[see 2,5-Dimethoxy-4-(n)-propylthio-phenethylamine HCl (2C-T-7 HCl), page 11]



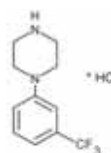
Smiles
[see 4-Iodo-2,5-Dimethoxyphenethylamine HCl (2C-I HCl), page 14]

TFMPP
(see 3-Trifluoromethylphenylpiperazine HCl, page 19)

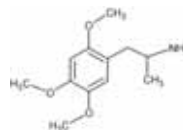
25T-NBOMe HCl **NEW**
CAS No. 1539266-47-1
 $C_{19}H_{25}NO_3S \cdot HCl$ M.W. 383.90
NMID1016 10 mg[†]



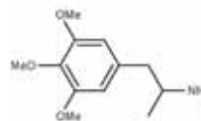
3-Trifluoromethylphenylpiperazine-D₄ HCl
CAS No. 15532-75-9
 $C_{11}H_4D_4F_3N_2 \cdot HCl$ M.W. 270.72
T-920 100 µg/mL (as free base)
1 mL Methanol



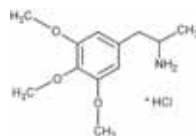
3-Trifluoromethylphenylpiperazine HCl
CAS No. 16015-69-3
 $C_{11}H_{14}F_3N_2Cl$ M.W. 266.70
T-045 1.0 mg/mL (as free base)
1 mL Methanol
NMID906 50 mg[†]



2,4,5-Trimethoxyamphetamine HCl
CAS No. 18383-76-1
 $C_{12}H_{19}NO_3$ M.W. 225.28
B110277-25 25 mg[†]



3,4,5-Trimethoxyamphetamine HCl
CAS No. 13071-39-1
 $C_{12}H_{19}NO_3$ M.W. 225.28
B110356-25 25 mg[†]



(±)-3,4,5-Trimethoxyamphetamine HCl
CAS No. 5688-80-2
 $C_{12}H_{20}NO_3Cl$ M.W. 261.70
NMID778 20 mg[†]

Vyvanse
(see Lisdexamfetamine dimesylate, page 19)

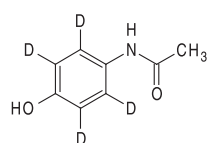
XTC
[see (±)-MDMA, page 15]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

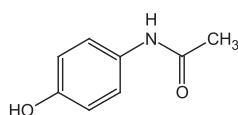
analgesics (non-opioids)

While **analgesics** are used in the management of acute and chronic pain, they are also highly susceptible to misuse and diversion. In recent years, synthetic opioids such as fentanyl and tramadol have experienced a surge in abuse worldwide. In the US, drug incidents and overdoses related to fentanyl have more than tripled between 2013 and 2014.¹ European countries such as Estonia have seen a dramatic increase in overdose deaths related to fentanyl and its analogs with deaths now exceeding those attributed to heroin.²

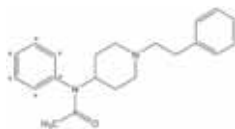
Concurrent with rising fentanyl abuse is a new trend among illicit drug manufacturers to lace drugs of abuse from heroin to synthetic Cannabis with novel psychoactive opioids or prescription analgesics. The novel psychoactive opioids AH-7921 and MT-45, for example, have been discovered in synthetic drug blends purchased at headshops and online drug stores.³ These two drugs have been associated with more than 40 deaths in Europe since their emergence in late 2013.³ O-Desmethyltramadol, an analgesic and active metabolite of tramadol, has been discovered alongside mitragynine in the drug blend Krypton.⁴ Many of these drugs are currently uncontrolled as a result of their recent emergence.



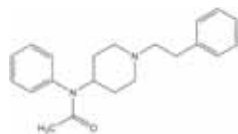
Acetaminophen-D₄
CAS No. 64315-36-2
 $C_8H_5D_4NO_2$ M.W. 155.13
P-909 100 µg/mL
1 mL Methanol
P-917 1.0 mg/mL
1 mL Methanol



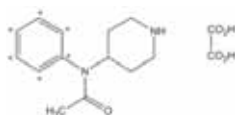
Acetaminophen
CAS No. 103-90-2
 $C_8H_9NO_2$ M.W. 151.16
A-064 1.0 mg/mL
1 mL Methanol



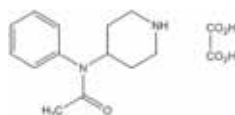
Acetyl fentanyl-¹³C₆
 $^{13}C_6C_{15}H_{26}N_2O$ M.W. 328.41
A-110 100 µg/mL (as free base)
1 mL Methanol



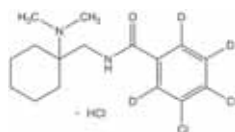
Acetyl fentanyl
CAS No. 3258-84-2
 $C_{21}H_{26}N_2O$ M.W. 322.45
A-109 1.0 mg/mL (as free base)
1 mL Methanol



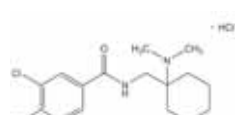
Acetyl norfentanyl-¹³C₆ oxalate
 $C_9^{13}C_6H_{18}N_2O \cdot C_2H_2O_4$ M.W. 314.29
A-116 100 µg/mL (as free base)
1 mL Methanol



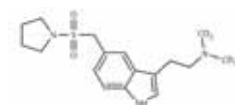
Acetyl norfentanyl oxalate
 $C_{13}H_{18}N_2O \cdot C_2H_2O_4$ M.W. 308.33
A-115 1.0 mg/mL (as free base)
1 mL Methanol



AH-7921-D₃ HCl
 $C_{16}H_{19}D_3Cl_2N_2O \cdot HCl$ M.W. 368.74
A-114 100 µg/mL (as free base)
1 mL Methanol



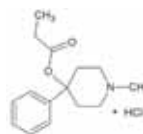
AH-7921 HCl
CAS No. 41804-96-0
 $C_{16}H_{22}Cl_2N_2O \cdot HCl$ M.W. 365.73
A-113 1.0 mg/mL (as free base)
1 mL Methanol



Almotriptan-D₃ maleate
 $C_{17}H_{19}D_3N_3O_2S$ M.W. 341.50
B130005-10 10 mg[†]

Demerol
(see Meperidine, page 21)

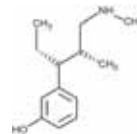
Desmethyimeperidine
(see Normeperidine, page 22)



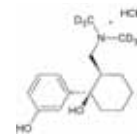
3-Desmethylprodine (MPPP) HCl
CAS No. 4968-48-3
 $C_{15}H_{21}NO_2 \cdot HCl$ M.W. 283.78
D-090 1.0 mg/mL (as free base)
1 mL Acetonitrile

MPPP
[see 3-Desmethylprodine (MPPP)
HCl, page 20]

Desmethytilidine
(see Nortilidine HCl, page 22)



N-Desmethyiltapentadol
CAS No. 1246819-18-0
 $C_{13}H_{21}NO$ M.W. 207.32
D-052 1.0 mg/mL
1 mL Methanol



O-Desmethyl-cis-tramadol-D₃ HCl
CAS No. 126193-87-6
 $C_{15}H_{17}D_6NO_2 \cdot HCl$ M.W. 291.85
D-058 100 µg/mL (as free base)
1 mL Methanol

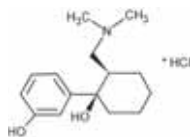
1. <http://www.unodc.org/wdr2014/>

2. <http://www.emcdda.europa.eu/edr2014>

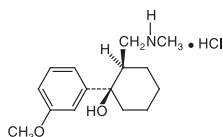
3. <http://www.emcdda.europa.eu/publications/2015/new-psychoactive-substances>

4. <http://www.tandfonline.com/doi/abs/10.1080/02791072.2014.944291>.VRGChnF86s

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

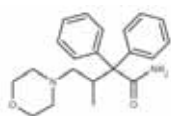


O-Desmethyl-cis-tramadol HCl
CAS No. 148262-77-5
 $C_{15}H_{23}NO_2 \cdot HCl$ M.W. 285.81
T-035 1.0 mg/mL (as free base)
1 mL Methanol



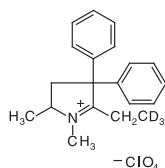
N-Desmethyl-cis-tramadol HCl
CAS No. 1018989-94-0
 $C_{15}H_{23}NO_2 \cdot HCl$ MW 285.81
D-023 1.0 mg/mL (as free base)
1 mL Methanol

Desmethylpropoxyphene
[see (+)-Norpropoxyphene maleate,
page 22]

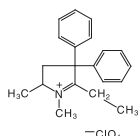


2,2-Diphenyl-3-methyl-4-morpholinobutanamide
CAS No. 125792-46-3
 $C_{21}H_{26}N_2O_2$ M.W. 338.44
B120021-25 25 mg[†]

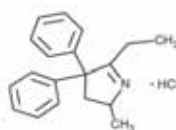
Doxylam
(see AH-7921 HCl, page 20)



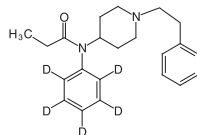
EDDP-D₃ perchlorate
(Methadone metabolite)
CAS No. 136765-23-6
 $C_{20}H_{21}D_3N \cdot ClO_4$ M.W. 380.84
E-021 100 µg/mL (as pyrolium)
1 mL Methanol
E-062 1.0 mg/mL (as pyrolium)
1 mL Methanol



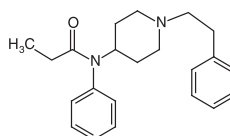
EDDP perchlorate
(Methadone metabolite)
CAS No. 66729-78-0
 $C_{20}H_{24}N \cdot ClO_4$ M.W. 377.87
E-012 100 µg/mL (as pyrolium)
1 mL Methanol
E-022 1.0 mg/mL (as pyrolium)
1 mL Methanol
E-006 10 mg (as pyrolium)



EMDP HCl
CAS No. 102177-19-5
 $C_{19}H_{21}N \cdot HCl$ M.W. 299.84
E-057 1.0 mg/mL (as free base)
1 mL Methanol

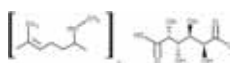


Fentanyl-D₃
CAS No. 118357-29-2
 $C_{22}H_{23}D_3N_2O$ M.W. 341.44
F-001 100 µg/mL
1 mL Methanol

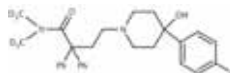


Fentanyl
CAS No. 437-38-7
 $C_{22}H_{28}N_2O$ M.W. 336.48
F-002 100 µg/mL
1 mL Methanol
F-013 1.0 mg/mL
1 mL Methanol
NMID918B 20 mg[†]

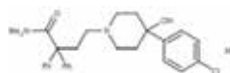
IC-6
(see MT-45 diHCl, page 22)



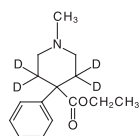
Isometheptene mucate
CAS No. 7492-31-1
 $C_{24}H_{48}N_2O_8$ M.W. 492.7
NMID940 20 mg[†]



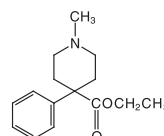
Loperamide-D₃
 $C_{26}H_{27}D_6ClN_2O_2$ M.W. 483.07
B130328-10 10 mg[†]



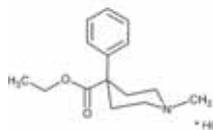
Loperamide HCl
CAS No. 34552-83-5
 $C_{26}H_{33}ClN_2O_2 \cdot HCl$ M.W. 513.50
B110327-250 250 mg[†]



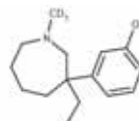
Meperidine-D₄
CAS No. 53484-73-4
 $C_{16}H_{17}D_4NO_2$ M.W. 251.30
M-036 100 µg/mL
1 mL Methanol
M-038 1.0 mg/mL
1 mL Methanol



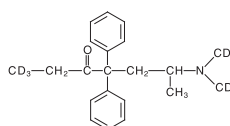
Meperidine
CAS No. 57-42-1
 $C_{16}H_{21}NO_2$ M.W. 247.34
M-035 1.0 mg/mL
1 mL Methanol



Meperidine HCl
CAS No. 50-13-5
 $C_{15}H_{21}NO_2 \cdot HCl$ M.W. 283.80
NMID443 20 mg[†]

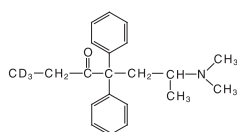


Meptazinol-D₃ HCl
 $C_{15}H_{20}D_3NO$ M.W. 236.37
B130102-10 10 mg[†]

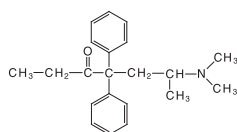


(±)-Methadone-D₃
 $C_{21}H_{18}D_3NO$ M.W. 318.38
M-088 100 µg/mL
1 mL Methanol
M-089 1.0 mg/mL
1 mL Methanol

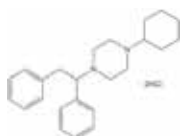
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



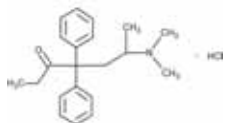
(±)-Methadone-D₃
CAS No. 60263-63-0
 $C_{21}H_{24}D_3NO$ M.W. 312.43
M-008 100 µg/mL
1 mL Methanol
M-021 1.0 mg/mL
1 mL Methanol



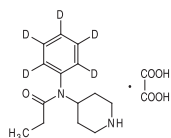
(±)-Methadone
CAS No. 76-99-3
 $C_{21}H_{27}NO$ M.W. 309.45
M-019 100 µg/mL
1 mL Methanol
M-007 1.0 mg/mL
1 mL Methanol



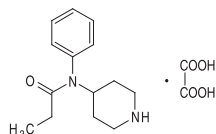
MT-45 diHCl **NEW**
CAS No. 57314-55-3
 $C_{24}H_{32}N_2 \cdot 2HCl$ M.W. 421.50
M-188 1.0 mg/mL (as free base)
1 mL Methanol



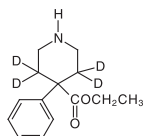
Methadone HCl
CAS No. 1095-90-5
 $C_{21}H_{27}NO \cdot HCl$ M.W. 345.9
NMID425 20 mg[†]



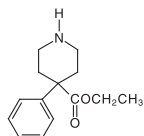
Norfentanyl-D₅ oxalate
CAS No. 1211527-23-9
 $C_{14}H_{15}D_5N_2O \cdot C_2H_2O_4$ M.W. 327.37
N-030 100 µg/mL (as free base)
1 mL Methanol
N-055 1.0 mg/mL (as free base)
1 mL Methanol



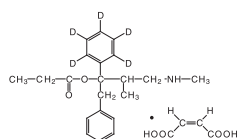
Norfentanyl oxalate
CAS No. 1609-66-1
 $C_{14}H_{17}N_2O \cdot C_2H_2O_4$ M.W. 322.36
N-031 1.0 mg/mL (as free base)
1 mL Methanol



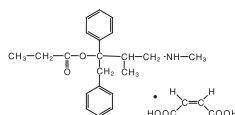
Normeperidine-D
CAS No. 160227-4-4
 $C_{14}H_{15}D_4NO_2$ M.W. 237.28
N-020 100 µg/mL
1 mL Methanol
N-083 1.0 mg/mL (as free base)
1 mL Methanol



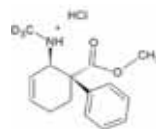
Normeperidine
CAS No. 77-17-8
 $C_{14}H_{19}NO_2$ M.W. 233.31
N-017 100 µg/mL
1 mL Methanol
N-089 1.0 mg/mL
1 mL Methanol



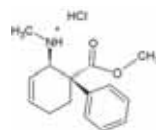
(±)-Norpropoxyphene-D₅ maleate
CAS No. 136765-47-4
 $C_{21}H_{22}D_5NO_2 \cdot C_4H_4O_4$ M.W. 446.48
N-904 100 µg/mL (as free base)
1 mL Methanol
N-919 1.0 mg/mL (as free base)
1 mL Methanol



(+)-Norpropoxyphene maleate
CAS No. 159208-83-0
 $C_{21}H_{27}NO_2 \cdot C_4H_4O_4$ M.W. 441.52
N-913 1.0 mg/mL (as free base)
1 mL Methanol



Nortilidine-D₃ HCl
 $C_{16}D_3H_{18}NO_2 \cdot HCl$ M.W. 298.82
N-062 100 µg/mL (as free base)
1 mL Methanol



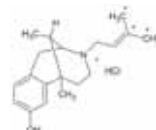
Nortilidine HCl
CAS No. 34596-11
 $C_{16}H_{21}NO_2 \cdot HCl$ M.W. 295.80
N-061 1.0 mg/mL (as free base)
1 mL Methanol
B120034-50 50 mg[†]

NSC 299236
(see MT-45 diHCl, page 22)

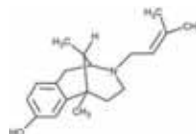
Nucynta
(see Tapentadol HCl, page <?>)

Palexia
(see Tapentadol HCl, page <?>)

Paracetamol
(see Acetaminophen, page 20)

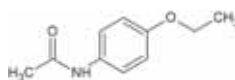


(±)-Pentazocine-¹³C₃ HCl
 $^{13}C_3C_{16}H_{27}NO \cdot HCl$ M.W. 327.85
P-084 100 µg/mL (as free base)
1 mL Methanol

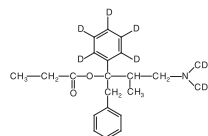


Pentazocine
CAS No. 359-83-1
 $C_{15}H_{27}NO$ M.W. 285.42
P-073 1.0 mg/mL
1 mL Methanol

Pethidine
(see Meperidine, page 21)

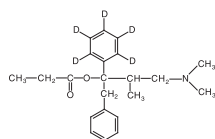


Phenacetin
CAS No. 62-44-2
 $C_{10}H_{13}NO_2$ M.W. 179.22
P-061 1.0 mg/mL
1 mL Acetonitrile

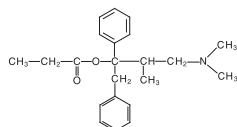


(±)-Propoxyphene-D₁₁
 $C_{22}H_{18}D_{11}NO_2$ M.W. 350.39
P-913 100 µg/mL
1 mL Acetonitrile
P-914 1.0 mg/mL
1 mL Acetonitrile

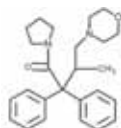
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



(±)-Propoxyphene-D₅
CAS No. 136765-49-6
 $C_{22}H_{24}D_5NO_2$ M.W. 344.44
P-901 100 µg/mL
1 mL Acetonitrile
P-904 1.0 mg/mL
1 mL Acetonitrile



(+)-Propoxyphene
CAS No. 469-62-5
 $C_{22}H_{29}NO_2$ M.W. 339.48
P-011 1.0 mg/mL
1 mL Acetonitrile

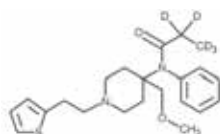


Racemoramide
CAS No. 545-59-5
 $C_{25}H_{32}N_2O_2$ M.W. 392.50
NMID944 1 mg[†]

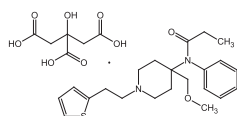
Sublimaze
(see Fentanyl, page 21)

Sufenta
(see Sufentanil citrate, page <?>)

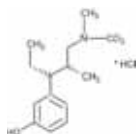
Sufentil
(see Sufentanil citrate, page <?>)



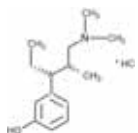
Sufentanil-D₅
CAS No. 56030-54-7
 $C_{22}H_{29}D_5N_2O_2S$ M.W. 391.58
S-018 100 µg/mL
1 mL Methanol



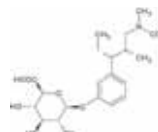
Sufentanil citrate
CAS No. 60561-17-3
 $C_{22}H_{30}N_2O_2S \cdot C_6H_8O_7$ M.W. 578.68
S-008 100 µg/mL (as free base)
1 mL Methanol



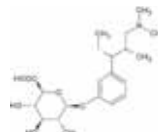
Tapentadol-D₃ HCl
 $C_{14}H_{20}D_3NO \cdot HCl$ M.W. 260.82
T-059 100 µg/mL (as free base)
1 mL Methanol



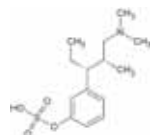
Tapentadol HCl
CAS No. 175591-09-0
 $C_{14}H_{23}NO \cdot HCl$ M.W. 257.80
T-058 1.0 mg/mL (as free base)
1 mL Methanol



Tapentadol-D₃-β-D-glucuronide
 $C_{20}H_{28}D_3NO_7$ M.W. 400.48
T-067 100 µg/mL
1 mL 1:1
Acetonitrile:Water

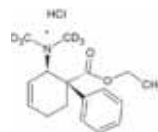


Tapentadol-β-D-glucuronide
CAS No. 130037-86-8
 $C_{20}H_{31}NO_7$ M.W. 397.46
T-060 100 µg/mL
1 mL 1:1
Acetonitrile:Water

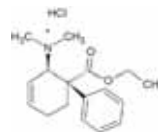


Tapentadol-O-sulfate
CAS No. 130037-87-9
 $C_{14}H_{23}NO_4S$ M.W. 301.40
T-061 100 µg/mL (as free acid)
1 mL Methanol

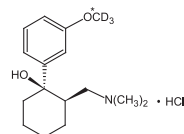
Tilidin
(see Tilidine HCl, page 23)



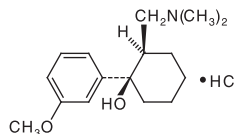
Tilidine-D₆ HCl
 $C_{17}D_6H_{17}NO_2 \cdot HCl$ M.W. 315.83
T-069 100 µg/mL (as free base)
1 mL Methanol



Tilidine HCl
CAS No. 27107-79-5
 $C_{17}H_{23}NO_2 \cdot HCl$ M.W. 309.83
T-068 1.0 mg/mL (as free base)
1 mL Methanol



Tramadol-¹³C, D₃ HCl
 $^{13}CC_{15}H_{22}D_3NO_2 \cdot HCl$ M.W. 303.85
T-029 100 µg/mL (as free base)
1 mL Methanol
T-020 1.0 mg/mL (as free base)
1 mL Methanol



cis-Tramadol HCl
CAS No. 22204-88-2
 $C_{16}H_{25}NO_2 \cdot HCl$ M.W. 299.84
T-027 1.0 mg/mL (as free base)
1 mL Methanol

Valoron
(see Tilidine HCl, page 23)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

anesthetics

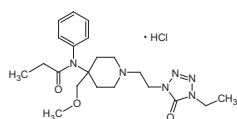
Anesthetics are a group of drugs used for induction and maintenance of anesthesia as well as for pre-operative sedation. These drugs possess a high potential for addiction and physical dependence.

Abuse of anesthetics such as propofol and lidocaine is a major issue among health professionals.¹ For example, 18 percent of US academic anesthesiology departments have reported a case of propofol abuse or diversion in the last decade, representing a five-fold increase from previous studies.²

Within the past several years, recreational abuse of anesthetics and related designer analogs including ketamine, γ -hydroxybutyrate (GHB), lidocaine, and methoxetamine have steadily increased around the world.^{3,4} As an illustration of rising anesthetic abuse, China submitted a proposal to the United Nations Office on Drugs and Crime (UNODC) in March, 2015, requesting the international control of ketamine as a Schedule 1 drug.⁵ The rise in global recreational use of anesthetic drugs is attributed to their wide availability through online clandestine drug markets and their renewed popularity as "club drugs".⁵

Alfenta

(see Alfentanil HCl, page 24)



Alfentanil HCl

CAS No. 69049-06-5

$C_{21}H_{32}N_2O_3 \cdot HCl$ M.W. 452.98

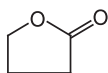
A-071 1.0 mg/mL (as free base)
1 mL Methanol

γ -Butyrolactone

CAS No. 96-48-0

$C_4H_6O_2$ M.W. 86.09

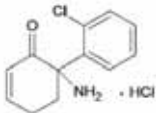
B-018 1.0 mg/mL
1 mL Acetonitrile



Dehydronorketamine HCl

$C_{12}H_{11}NO \cdot HCl$ M.W. 221.68

D-046 100 μ g/mL (as free base)
1 mL in Acetonitrile



Desmethyleketamine

[see ($\pm$)-Norketamine HCl, page 25]

Diprivan

(see Propofol, page 25)

GHB-D₆ sodium salt

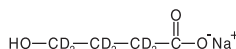
(4-Hydroxy-2,2,3,3,4,4-hexadeuterobutyric acid sodium salt)

CAS No. 362049-53-4

$C_4HD_6NaO_3$ M.W. 132.04

G-003 100 μ g/mL (as salt)
1 mL Methanol

G-006 1.0 mg/mL (as salt)
1 mL Methanol



GHB sodium salt

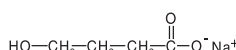
(4-Hydroxybutyric acid sodium salt)

CAS No. 502-85-2

$C_4H_7NaO_3$ M.W. 126.09

G-001 1.0 mg/mL (as salt)
1 mL Methanol

NMID812B 50 mg[†]



K

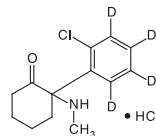
(see Ketamine HCl, page 24)

Ketamine-D₄ HCl

CAS No. 1246815-97-3

$C_{13}H_{12}D_4ClNO \cdot HCl$ M.W. 278.16

K-003 100 μ g/mL (as free base)
1 mL Methanol



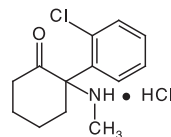
Ketamine HCl

CAS No. 1867-66-9

$C_{13}H_{16}ClNO \cdot HCl$ M.W. 274.19

K-002 1.0 mg/mL (as free base)
1 mL Methanol

NMID686 50 mg[†]

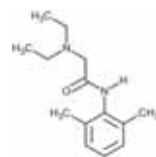


Lidocaine

CAS No. 137-58-6

$C_{14}H_{22}N_2O$ M.W. 234.34

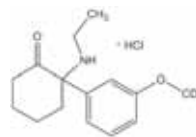
L-018 1.0 mg/mL
1 mL Methanol



Methoxetamine-D₃ HCl

$C_{15}H_{18}D_3NO_2 \cdot HCl$ M.W. 286.81

M-187 100 μ g/mL (as free base)
1 mL Methanol



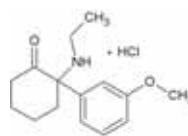
Methoxetamine HCl

CAS No. 1239908-48-5

$C_{15}H_{21}NO_2 \cdot HCl$ M.W. 283.79

M-156 1.0 mg/mL (as free base)
1 mL Methanol

NMID989 5 mg[†]



Mexxy

(see Methoxetamine HCl, page 24)

1. <http://www.sciencedaily.com/releases/2013/03/130318131212.htm>

2. <http://emedicine.medscape.com/article/813155-overview>

3. <http://www.emcdda.europa.eu/edr2014>

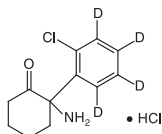
4. <http://www.unodc.org/wdr2014/>

5. http://www.unodc.org/documents/commissions/CND/Mandate_and_Functions/E-CN7-2015-7.pdf

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

MXE

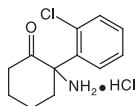
(see Methoxetamine HCl, page 24)



(±)-Norketamine-D₄ HCl

C₁₂H₁₀D₄ClNO · HCl M.W. 264.13

N-037 100 µg/mL (as free base)
1 mL Methanol

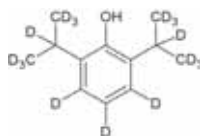


(±)-Norketamine HCl

CAS No. 79499-59-5

C₁₂H₁₄ClNO · HCl M.W. 260.16

N-036 1.0 mg/mL (as free base)
1 mL Methanol

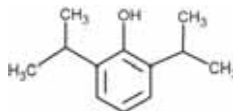


Propofol-D₁₇

CAS No. 1189467-93-3

C₁₂D₁₆O M.W. 196.38

P-077 100 µg/mL
1 mL Methanol

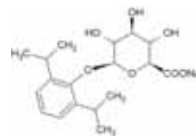


Propofol

CAS No. 2078-54-8

C₁₂H₁₈O M.W. 178.27

P-076 1.0 mg/mL
1 mL Methanol



Propofol β-D-glucuronide sodium salt

C₁₈H₂₅O₇Na M.W. 376.38

P-082 100 µg/mL (as free acid)
1 mL Methanol

Special K

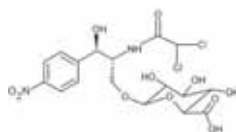
(see Ketamine HCl, page 24)

antibiotics

Antibiotics represent a diverse class of drugs that destroy or inhibit the growth of microorganisms such as bacteria, fungi or protozoa. Antibiotics are unique among pharmaceuticals in that they are selective—directing their action toward specific pathogens rather than host cells. Several antibiotics including metronidazole, chloramphenicol, and moxifloxacin are known to cause serious adverse health effects such as aplastic anemia and cancer. The concentrations of these drugs are typically monitored using LC/MS or HPLC methods to minimize potential toxicity in patients.^{1,2}

Besides their medical use in treating infectious diseases, antibiotics are also used worldwide as growth stimulants and as prophylactics in animal husbandry and in aquaculture.³ Though potentially toxic antibiotics are internationally banned in the production of animal products, their trace levels are occasionally detected. Residues of chloramphenicol, for example, have been detected in honey, shrimp, and poultry.^{4,5}

Currently, analysis of antibiotics for environment and food testing is shifting from HPLC and GC/MS to LC-MS/MS, which offers increased sample throughput and the ability to test multiple residues in a single run.⁶

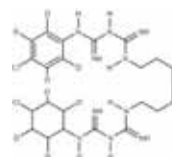


Chloramphenicol glucuronide

CAS No. 39751-33-2

C₁₇H₂₀N₂O₁₁Cl₂ M.W. 499.30

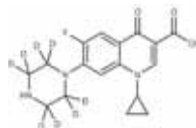
NMID714 1 mg[†]



Chlorhexidine-D₈ diHCl

C₂₂H₂₈D₈Cl₂N₁₀ M.W. 519.54

B130083-10 10 mg[†]



Ciprofloxacin-D₈

C₁₇H₁₀D₈FN₃O₃ M.W. 339.39

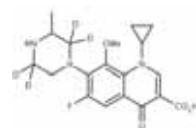
B130010-25 25 mg[†]

Flagyl

(see Metronidazole, page 25)

Filmat

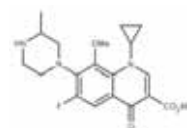
(see Metronidazole, page 26)



Gatifloxacin-D₄ HCl

C₁₉H₁₈D₄FN₃O₄ M.W. 379.42

B130124-10 10 mg[†]



Gatifloxacin

CAS No. 112811-59-3

C₁₉H₂₂FN₃O₄ M.W. 375.39

B110123-500 500 mg[†]

1. <http://www.clinchem.org/content/44/5/1129.long>

2. Dasgupta A. Therapeutic Drug Monitoring: Newer Drugs and Biomarkers. First Edition. London, Academic Press, 2012

3. http://www.grain.org/bulletin_board/entries/4784-half-of-china-s-antibiotics-now-go-to-livestock

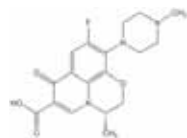
4. <http://www.fda.gov/downloads/Food/FoodScienceResearch/UCM155138.pdf>

5. <http://link.springer.com/article/10.1365/s10337-003-0132-5#page-1>

6. <http://link.springer.com/article/10.2478%2Fs11696-013-0428-3>

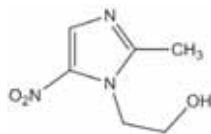
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

drugs, metabolites, impurities



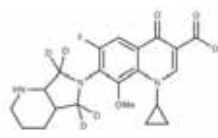
Levofloxacin

CAS No. 100986-85-4
 $C_{18}H_{20}FN_3O_4$ M.W. 361.37
L-038 1.0 mg/mL
 1 mL Acetonitrile



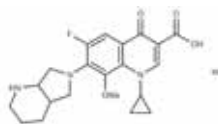
Metronidazole

CAS No. 443-48-1
 $C_6H_8N_2O_3$ M.W. 171.15
M-183 2.0 mg/mL
 1 mL Methanol



Moxifloxacin-D₄ HCl

$C_{21}H_{20}D_4FN_3O_4$ M.W. 405.46
B130032-10 10 mg[†]



Moxifloxacin HCl

CAS No. 186826-86-8
 $C_{21}H_{24}FN_3O_4 \cdot HCl$ M.W. 437.89
B110255-100 100 mg[†]

anti-cancer drugs

Cancer represents a large category of diseases characterized by uncontrolled growth of abnormal cells.¹ Over 21 million new cancer cases and 13 million cancer deaths are predicted in the year 2030 as a result of population growth.²

Anti-cancer drugs are used to inhibit the growth of cancer cells. These drugs are often cytotoxic, damaging normal cells in addition to cancerous ones. They can be grouped under several categories depending on their mechanism of action to prevent cancer cell growth. Categories of anti-cancer drugs include alkylating agents (busulfan, ifosfamide), antimetabolites (methotrexate), and mitotic inhibitors (paclitaxel) among others.

Due to their cytotoxicity, anti-cancer drugs have a narrow therapeutic index, which requires therapeutic drug monitoring (TDM) to ensure efficacious dosing while limiting toxicity. TDM of anticancer drugs is typically performed by immunoassay and chromatographic methods including HPLC.³ Immunoassay TDM of certain anticancer drugs, such as methotrexate, can be imprecise due to cross-reactivity with drug metabolites. Recently, LC-MS/MS methods for the analysis of methotrexate have been introduced that offer enhanced sensitivity and specificity over immunoassay methods.^{4,5}

Amethopterin

(see Methotrexate, page 26)

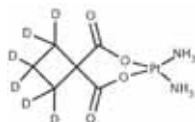


Busulfan

CAS No. 55-98-1
 $C_6H_{14}O_6S_2$ M.W. 246.30
B-058 1.0 mg/mL
 1 mL Methanol

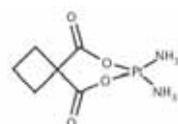
Busulfex

(see Busulfan, page 26)



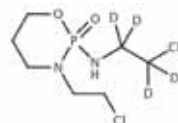
Carboplatin-D₆

$C_6H_4D_6N_2O_4Pt$ M.W. 375.28
B130108-5 5 mg[†]



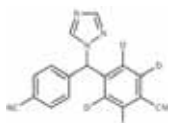
Carboplatin

CAS No. 41575-94-4
 $C_6H_{10}N_2O_4Pt$ M.W. 369.24
B110107-250 250 mg[†]



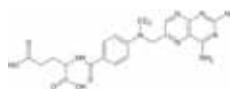
Ifosfamide-D₄

$C_7H_{11}D_4Cl_2N_2O_2P$ M.W. 265.11
B130323-10 10 mg[†]



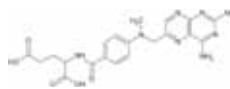
Letrozole-D₄

$C_{17}H_{14}D_4N_5$ M.W. 289.33
B130097-10 10 mg[†]



Methotrexate-D₃

CAS No. 432545-63-6
 $C_{20}H_{19}D_3N_5O_5$ M.W. 457.46
M-153 100 µg/mL
 1 mL Methanol with
 0.1N NaOH



Methotrexate

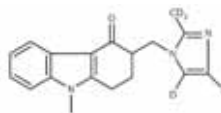
CAS No. 59-05-2
 $C_{20}H_{22}N_5O_5$ M.W. 454.44
M-136 1.0 mg/mL
 1 mL Methanol with
 0.1N NaOH

MTX

(see Methotrexate, page 26)

Myleran

(see Busulfan, page 26)



Ondansetron-D₅

CAS No. 99614-02-5
 $C_{16}H_{14}D_5N_3O$ M.W. 298.39
B130144-10 10 mg[†]

1. <http://www.who.int/cancer/en/>

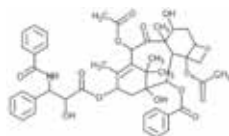
2. <http://www.cancer.org/research/acrsresearchupdates/more/10-must-know-2015-global-cancer-facts>

3. Amitava D. Advances in Chromatographic Techniques for Therapeutic Drug Monitoring. Florida, Taylor & Francis, 2010

4. <http://www.ncbi.nlm.nih.gov/pubmed/21888024>

5. <http://www.clinchem.org/content/58/5/943.full>

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Paclitaxel
CAS No. 33069-62-4
 $C_{47}H_{51}NO_{14}$ M.W. 853.91
P-065 1.2 mg/mL
1 mL Acetonitrile

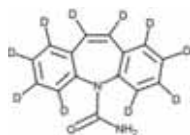
anticonvulsants/antiepileptics

Anticonvulsants, or **antiepileptics** (AEDs), are a structurally diverse category of drugs used for the treatment of partial or generalized seizures and epilepsy, the most common chronic brain disorder in the world.¹ Over the last two decades many new, second generation antiepileptics such as levetiracetam, gabapentin, pregabalin, rufinamide, retigabine, and lacosamide have entered the world market. In contrast to first generation AEDs, second generation antiepileptics have a wider gap between therapeutic and toxic serum concentrations and exhibit fewer side effects. These antiepileptics have also shown therapeutic efficacy in the management of mood disorders and neuropathic pain.²

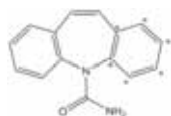
Since the frequency, intensity, and type of seizure vary among patients, therapeutic drug monitoring (TDM) of antiepileptics is performed to optimize clinical efficacy while keeping doses within the therapeutic range.³ Routine analytical testing of antiepileptics is also useful in assessing compliance, evaluating overdose, and determining drug-drug interactions.³

Recently, analytical labs have been transitioning to LC-MS/MS methods over traditional HPLC or GC methods for antiepileptic drug testing applications. Antiepileptic LC-MS/MS methods offer several benefits over HPLC or GC methods including reduced sample handling requirements, enhanced specificity and sensitivity, shorter run times, and the ability to detect multiple antiepileptics in a single run.^{3,4}

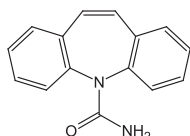
Banzel
(see Rufinamide, page 29)



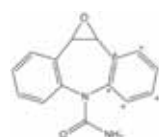
Carbamazepine-D₁₀
CAS No. 132183-78-9
 $C_{15}H_{10}D_{10}N_2O$ M.W. 246.33
C-094 100 µg/mL
1 mL Methanol



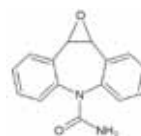
Carbamazepine-¹³C₆
 $^{13}C_6C_9H_{12}N_2O$ M.W. 242.23
C-136 100 µg/mL
1 mL Methanol



Carbamazepine
CAS No. 298-46-4
 $C_{15}H_{12}N_2O$ M.W. 236.27
C-053 1.0 mg/mL
1 mL Methanol



Carbamazepine-10,11-epoxide-¹³C₆
 $^{13}C_6C_9H_{12}N_2O_2$ M.W. 258.27
C-128 100 µg/mL
1 mL Methanol

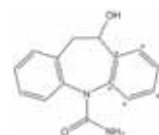


Carbamazepine-10,11-epoxide
CAS No. 36507-30-9
 $C_{15}H_{12}N_2O_2$ M.W. 252.27
C-121 1.0 mg/mL
1 mL Methanol

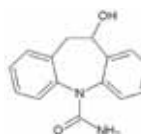
Depakote
(see Valproic acid, page 29)

Equetro
(see Carbamazepine-¹³C₆, page 27)

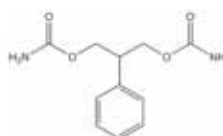
Ezogabine
(see Retigabine, page 29)



10,11-Dihydro-10-Hydroxycarbamazepine-¹³C₆ **NEW**
 $^{13}C_6C_9H_{14}N_2O_2$ M.W. 260.24
D-104 100 µg/mL
1 mL Acetonitrile

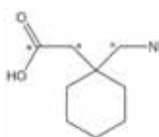


10,11-Dihydro-10-Hydroxycarbamazepine
CAS No. 29331-92-8
 $C_{15}H_{14}N_2O_2$ M.W. 254.28
D-091 1.0 mg/mL
1 mL Acetonitrile



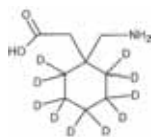
Felbamate
CAS No. 25451-15-4
 $C_{11}H_{14}N_2O_4$ M.W. 238.24
F-029 2.0 mg/mL
1 mL Methanol

Felbatol
(see Felbamate, page 27)

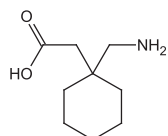


Gabapentin-¹³C₃
 $C_6^{13}C_3H_{17}NO_2$ M.W. 174.22
G-018 100 µg/mL
1 mL Methanol

1. <http://www.imsimagazine.com/eplink-the-epilepsy-integrated-discovery-project/>
2. http://journals.lww.com/anesthesia-analgesia/Abstract/2012/08000/The_Prevention_of_Chronic_Postsurgical_Pain_Using.30.aspx
3. <http://www.ncbi.nlm.nih.gov/pubmed/24925169>
4. Amitava D. Advances in Chromatographic Techniques for Therapeutic Drug Monitoring. Florida, Taylor & Francis, 2010



Gabapentin-D₁₀
CAS No. 1126623-20-8
 $C_9H_7D_{10}NO_2$ M.W. 181.16
G-901 100 µg/mL
1 mL Methanol
G-017 1.0 mg/mL
1 mL Methanol



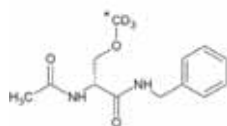
Gabapentin
CAS No. 60142-96-3
 $C_9H_{17}NO_2$ M.W. 171.24
G-007 1.0 mg/mL
1 mL Methanol

Gabitril
(see Tiagabine HCl, page 29)

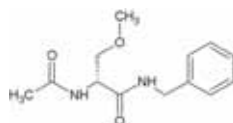
10-Hydroxyoxcarbazepine
(see 10,11-Dihydro-10-Hydroxycarbamazepine, page 27)

Inovelon
(see Rufinamide, page 28)

Keppra
(see Levetiracetam, page 28)

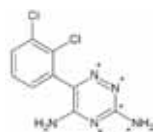


Lacosamide-¹³C, D₃
 $^{13}CC_2D_3H_{15}N_2O_3$ M.W. 254.29
L-027 100 µg/mL
1 mL Acetonitrile
L-032 1.0 mg/mL
1 mL Acetonitrile

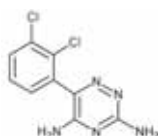


Lacosamide
CAS No. 175481-36-4
 $C_{13}H_{18}N_2O_3$ M.W. 250.29
L-029 1.0 mg/mL
1 mL Acetonitrile

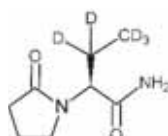
Lamictal
(see Lamotrigine, page 28)



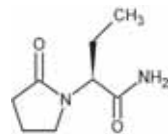
Lamotrigine-¹³C, ¹⁵N
 $^{13}CC_6H_7Cl_2N^{15}_4$ M.W. 261.01
L-022 500 µg/mL
1 mL Methanol



Lamotrigine
CAS No. 84057-84-1
 $C_8H_7Cl_2N_3$ M.W. 256.10
L-019 1.0 mg/mL
1 mL Methanol



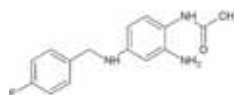
Levetiracetam-D₆
 $C_8H_8D_6N_2O_2$ M.W. 176.25
L-023 100 µg/mL
1 mL Methanol
1.0 mg/mL
L-031 1 mL Methanol



Levetiracetam
CAS No. 102767-28-2
 $C_8H_{14}N_2O_2$ M.W. 170.21
L-020 1.0 mg/mL
1 mL Methanol

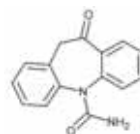
Licarbazepine
(see 10,11-Dihydro-10-Hydroxycarbamazepine, page 27)

Lyrica
(see Pregabalin, page 28)

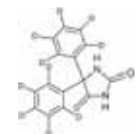


N-Acetylretigabine
CAS No. 229970-68-7
 $C_{15}H_{16}FN_3O$ M.W. 273.31
A-105 100 µg/mL
1 mL Acetonitrile

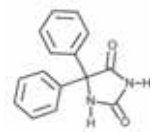
Neurontin
(see Gabapentin, page 28)



Oxcarbazepine
CAS No. 28721-07-5
 $C_{15}H_{12}N_2O_2$ M.W. 252.27
O-025 1.0 mg/mL
1 mL Acetonitrile

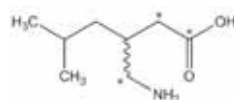


Phenytoin-D₁₀
CAS No. 65854-97-9
 $C_{15}H_2D_{10}N_2O_2$ M.W. 262.33
P-067 100 µg/mL
1 mL Methanol

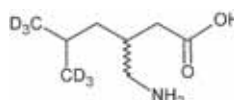


Phenytoin
CAS No. 57-41-0
 $C_{15}H_{12}N_2O_2$ M.W. 252.29
P-063 1.0 mg/mL
1 mL Methanol

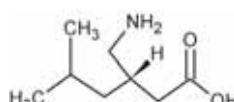
Potiga
(see Retigabine, page 29)



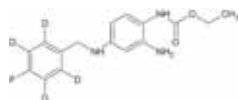
Pregabalin-¹³C₃
CAS No. 1189980-48-0
 $C_5^{13}C_3H_{17}NO_2$ M.W. 162.14
P-106 100 µg/mL
1 mL Methanol



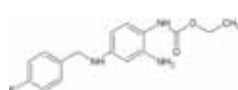
Pregabalin-D₆
 $C_6D_6H_{11}NO_2$ M.W. 165.26
P-072 100 µg/mL
1 mL Methanol
1.0 mg/mL
P-096 1 mL Methanol



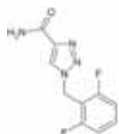
Pregabalin
CAS No. 148553-50-8
 $C_6H_9NO_2$ M.W. 159.23
P-066 1.0 mg/mL
1 mL Methanol



Retigabine-D₄
C₁₆H₁₄D₄FN₃O₂ M.W. 307.36
R-019 100 µg/mL
1 mL Acetonitrile

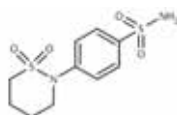


Retigabine
CAS No. 150812-12-7
C₁₆H₁₆FN₃O₂ M.W. 303.33
R-018 1.0 mg/mL
1 mL Acetonitrile

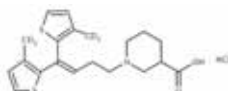


Rufinamide **NEW**
CAS No. 106308-44-5
C₁₀H₈F₂N₄O M.W. 238.19
R-023 1.0 mg/mL
1 mL 10% Water in
Acetonitrile

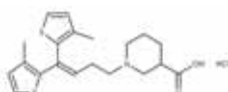
Sabril
(see Vigabatrin, page 29)



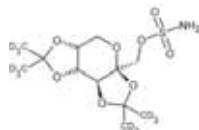
Sulthiame
CAS No. 61-56-3
C₁₀H₁₄N₂O₄S₂ M.W. 290.36
B110267-25 25 mg[†]



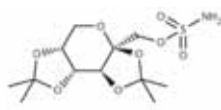
Tiagabine-D₆ HCl
CAS No. 145821-59-6
C₂₀H₂₅NO₂S₂ · HCl M.W. 418.05
T-082 100 µg/mL (as free base)
1 mL Methanol
B130349-10 10 mg[†]



Tiagabine HCl
CAS No. 145821-59-6
C₂₀H₂₅NO₂S₂ · HCl M.W. 412.01
T-081 1.0 mg/mL (as free base)
1 mL Methanol
B110348-50 50 mg[†]



Topiramate-D₁₂
CAS No. 1279037-95-4
C₁₂H₉D₁₂NO₆S M.W. 351.44
T-041 100 µg/mL
1 mL Methanol



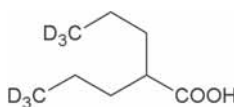
Topiramate
CAS No. 97240-79-4
C₁₂H₂₁NO₆S M.W. 339.37
T-039 1.0 mg/mL
1 mL Methanol

Tegretol
(see Carbamazepine-¹³C₆, page 27)

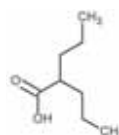
Topamax
(see Topiramate, page 29)

Trileptal
(see Oxcarbazepine, page 27)

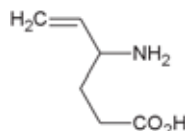
Trobalt
(see Retigabine, page 29)



Valproic Acid-D₆
CAS No. 87745-18-4
C₈H₁₀D₆O₂ M.W. 150.25
V-029 1.0 mg/mL (as free base)
1 mL Methanol



Valproic acid
CAS No. 99-66-1
C₈H₁₆O₂ M.W. 144.21
V-006 1.0 mg/mL
1 mL Methanol

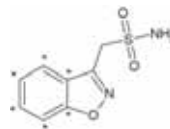


Vigabatrin
CAS No. 60643-86-9
C₆H₁₁NO₂ M.W. 129.16
V-022 1.0 mg/mL
1 mL Methanol

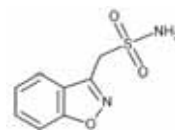
Vimpat
(see Lacosamide, page 28)

VPA
(see Valproic acid, page 29)

Zonegran
(see Zonisamide, page 29)



Zonisamide-¹³C₆
¹³C₆H₈N₂O₃S M.W. 218.18
Z-006 100 µg/mL
1 mL Methanol



Zonisamide
CAS No. 68291-97-4
C₈H₈N₂O₃S M.W. 212.23
Z-005 1.0 mg/mL
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

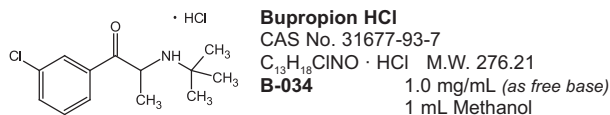
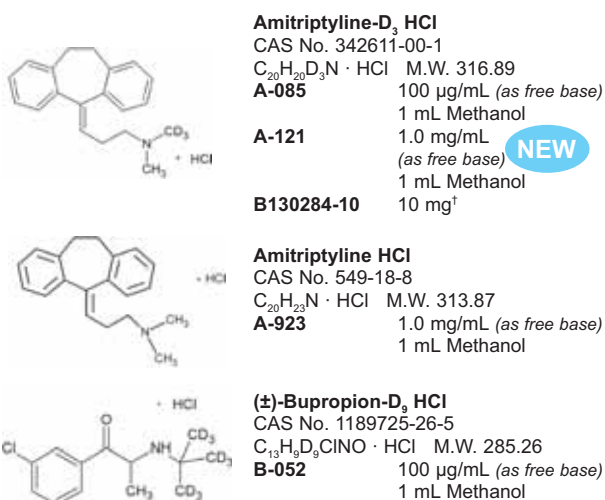
antidepressants

Depression is a psychiatric condition that affects an estimated 350 million people worldwide and can impair an individual's ability to take care of their everyday responsibilities.¹ Widely used to manage depression and related mood disorders, **antidepressants** may be grouped into major classes consisting of selective serotonin reuptake inhibitors (SSRIs), serotonin-norepinephrine reuptake inhibitors (SNRIs), tricyclics (TCAs), monoamine oxidase inhibitors (MAOIs), and tetracyclics.

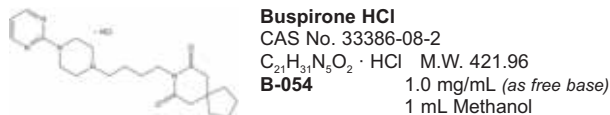
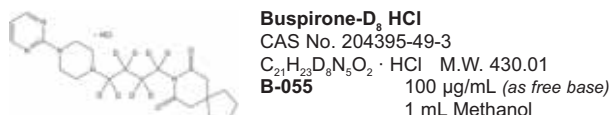
Over the past decade, antidepressants have expanded in use worldwide with year-over-year prescription rates increasing in Asian and European countries.² Explanations for rising antidepressant use include increased cultural acceptance of antidepressants and extended efficacy of antidepressants for multiple health conditions.²

Since antidepressants can impair cognitive and psychomotor function and may increase the risk of driving accidents or voluntary intoxication, they are routinely analyzed in forensic analysis or clinical toxicology applications using mass spectrometry methods. In a clinical setting, therapeutic drug monitoring (TDM) of tricyclic antidepressants may be performed to reduce drug-drug interactions, to monitor patient compliance, and to optimize dosing within the drug's therapeutic range.³

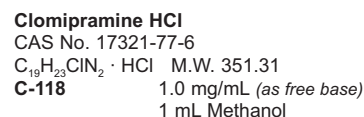
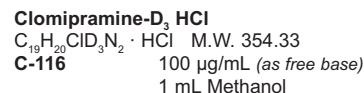
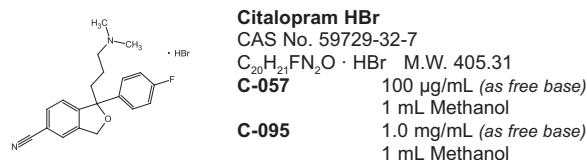
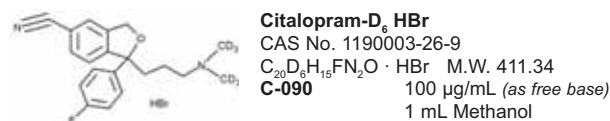
Chromatographic methods for the identification and quantification of antidepressants in effluent wastewater and surface water have recently emerged to determine environmental contamination. In a recent European study, the antidepressant venlafaxine was identified in over 80 percent of surface water samples.⁴ Due to increases in the prescription of psychoactive substances, the presence of antidepressants in wastewater and surface water will continue to pose significant environmental challenges.⁵



Buspar
(see Buspirone HCl, page 30)



Celexa
(see Citalopram HBr, page 30)



Cymbalta
(see Duloxetine HCl, page 32)

Deprenyl
[see Selegiline HCl, page 34; R(-)-Selegiline, page 34]

1. <http://www.who.int/mediacentre/factsheets/fs369/en/>

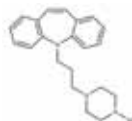
2. <http://www.oecd.org/els/health-systems/Health-at-a-Glance-2013.pdf>

3. Xu QA and Madden TL. LC-MS in Drug Bioanalysis. New York, Springer, 2012

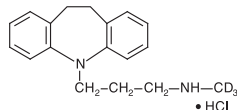
4. <http://www.ncbi.nlm.nih.gov/pubmed/25281164>

5. <http://sjostad.ivl.se/download/18.15a855cb14c38029e641382/1430315031950/B2226.pdf>

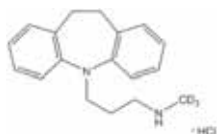
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



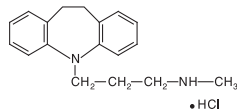
Des-(2-hydroxyethyl)opipramol
CAS No. 4346-38-7
 $C_{21}H_{25}N_3$ M.W. 319.44
B120087-10 10 mg[†]



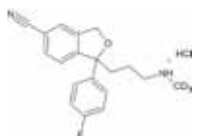
Desipramine-D₃ HCl
CAS No. 65100-44-9
 $C_{18}H_{19}D_3N_2 \cdot HCl$ M.W. 305.82
D-903 100 µg/mL (as free base)
1 mL Methanol



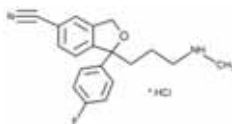
Desipramine-D₃ HCl **NEW**
CAS No. 65100-44-9
 $C_{18}H_{19}D_3N_2 \cdot HCl$ M.W. 305.82
D-116 1.0 mg/mL (as free base)
1 mL Methanol



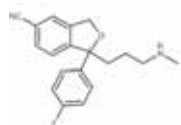
Desipramine HCl
CAS No. 58-28-6
 $C_{18}H_{22}N_2 \cdot HCl$ M.W. 302.85
D-906 1.0 mg/mL (as free base)
1 mL Methanol



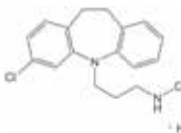
N-Desmethylocitalopram-D₃ HCl
 $C_{19}H_{16}D_3FN_2O \cdot HCl$ M.W. 349.84
D-074 100 µg/mL (as free base)
1 mL Methanol



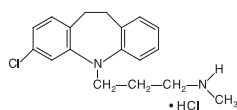
N-Desmethylocitalopram HCl
CAS No. 144025-14-9
 $C_{19}H_{19}FN_2O \cdot HCl$ M.W. 346.83
D-047 1.0 mg/mL (as free base)
1 mL Methanol



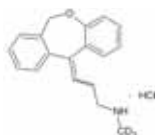
Desmethylocitalopram maleate
CAS No. 62498-67-3
 $C_{18}H_{19}FN_2O$ M.W. 310.37
B120159-50 50 mg[†]



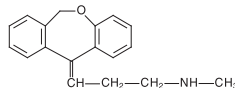
N-Desmethylocimipramine-D₃ HCl **NEW**
CAS No. 1189971-04-7
 $C_{18}H_{18}D_3ClN_2 \cdot HCl$ M.W. 340.31
D-113 100 µg/mL (as free base)
1 mL Methanol



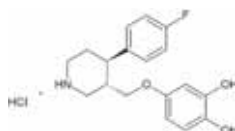
N-Desmethylocimipramine HCl
CAS No. 29854-14-6
 $C_{18}H_{21}ClN_2 \cdot HCl$ M.W. 337.29
D-916 1.0 mg/mL (as free base)
1 mL Methanol



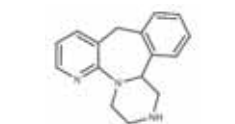
N-Desmethyldoxepin-D₃ HCl (cis/trans)
 $C_{18}H_{16}D_3NO \cdot HCl$ M.W. 304.83
D-075 100 µg/mL (as free base)
1 mL Methanol



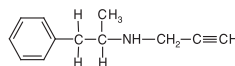
Desmethyldoxepin (cis/trans)
CAS No. 1225-56-5
 $C_{18}H_{19}NO$ M.W. 265.35
D-007 1.0 mg/mL
1 mL Methanol



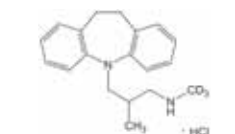
Desmethyfluoxetine
(see Norfluoxetine oxalate, page 33)



N-Desmethylnortazapine
CAS No. 61337-68-6
 $C_{16}H_{17}N_3$ M.W. 251.33
D-086 1.0 mg/mL
1 mL Acetonitrile
B120015-10 10 mg[†]

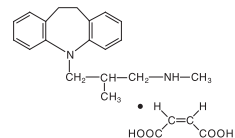


(±)-N-Desmethylelegiline
CAS No. 18913-84-3
 $C_{17}H_{15}N$ M.W. 173.26
D-012 1.0 mg/mL
1 mL Methanol

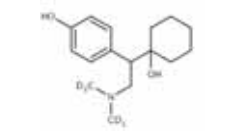


Desmethysertraline
(see Nersertraline HCl, page 31)

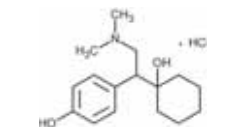
N-Desmethyltrimipramine-D₃ HCl **NEW**
 $C_{18}H_{21}D_3N_2 \cdot HCl$ M.W. 319.89
D-114 100 µg/mL (as free base)
1 mL Methanol



N-Desmethyltrimipramine maleate
CAS No. 67341-71-3
 $C_{19}H_{24}N_2 \cdot C_4H_4O_4$ M.W. 396.49
D-920 1.0 mg/mL (as free base)
1 mL Methanol



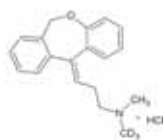
O-Desmethylvenlafaxine-D₆
CAS No. 439-14-5
 $C_{18}H_{19}D_6NO_2$ M.W. 269.41
V-027 100 µg/mL
1 mL Methanol
B140095-5 5 mg[†]



O-Desmethylvenlafaxine
CAS No. 93413-62-8
 $C_{16}H_{25}NO_2$ M.W. 263.38
V-007 100 µg/mL
1 mL Methanol

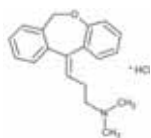
Dosulepin
[see Dothiepin HCl (cis/trans), page 32]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

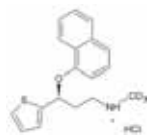


Doxepin-D₃ HCl
CAS No. 347840-07-7
 $C_{19}H_{18}D_3NO \cdot HCl$ M.W. 318.85
D-060 100 µg/mL (as free base)
1 mL Methanol
D-115 1.0 mg/mL (as free base)
1 mL Methanol

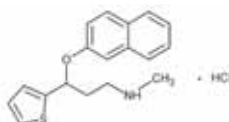
NEW



Doxepin HCl
CAS No. 1229-29-4
 $C_{19}H_{19}NO \cdot HCl$ M.W. 315.84
D-927 1.0 mg/mL (as free base)
1 mL in Methanol



Duloxetine-D₃ HCl
 $C_{18}H_{16}D_3NOS \cdot HCl$ M.W. 336.89
D-068 100 µg/mL (as free base)
1 mL in Methanol



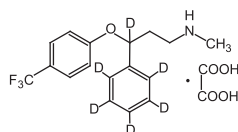
Duloxetine HCl
CAS No. 136434-34-9
 $C_{18}H_{19}NOS \cdot HCl$ M.W. 333.88
D-044 1.0 mg/mL (as free base)
1 mL Methanol

Efexor
(see Venlafaxine HCl, page 34)

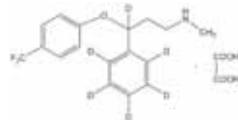
Effexor
(see Venlafaxine HCl, page 34)

Elavil
(see Amitriptyline HCl, page 30)

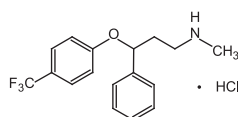
Endep
(see Amitriptyline HCl, page 30)



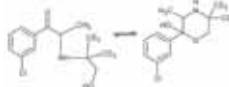
Fluoxetine-D₈ oxalate
 $C_{17}H_{12}D_8F_3NO \cdot C_2H_2O_4$ M.W. 405.40
F-919 100 µg/mL (as free base)
1 mL Methanol



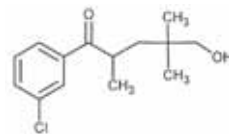
Fluoxetine-D₆ Oxalate **NEW**
 $C_{17}H_{12}D_6F_3NO \cdot C_2H_2O_4$ M.W. 405.40
F-038 1.0 mg/mL (as free base)
1 mL Methanol



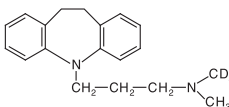
Fluoxetine HCl
CAS No. 59333-67-4
 $C_{17}H_{18}NOF_3 \cdot HCl$ M.W. 345.79
F-918 1.0 mg/mL (as free base)
1 mL Methanol



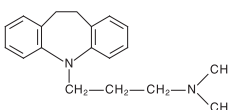
(±)-Hydroxybupropion-D₈
CAS No. 1184984-06-2
 $C_{13}H_{12}D_8ClNO_2$ M.W. 261.78
H-062 100 µg/mL
1 mL Acetonitrile



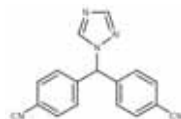
(±)-Hydroxybupropion
CAS No. 92264-81-8
 $C_{13}H_{18}ClNO_2$ M.W. 256.00
H-066 1.0 mg/mL
1 mL Acetonitrile



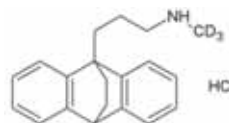
Imipramine-D₃ maleate
 $C_{16}H_{21}D_3N_2 \cdot C_4H_4O_4$ M.W. 399.50
I-903 100 µg/mL (as free base)
1 mL Methanol



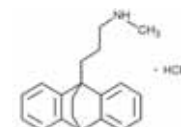
Imipramine HCl
CAS No. 113-52-0
 $C_{16}H_{24}N_2$ M.W. 316.87
I-902 1.0 mg/mL
1 mL Methanol



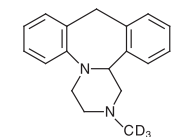
Letrozole
CAS No. 112809-51-5
 $C_{17}H_{11}N_5$ M.W. 285.30
B110096-100 100 mg[†]



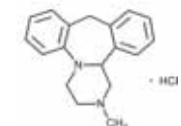
Maprotiline-D₃ HCl
CAS No. 1329496-63-0
 $C_{20}H_{20}D_3N \cdot HCl$ M.W. 316.88
B130573-10 10 mg[†]
B130573-25 25 mg[†]



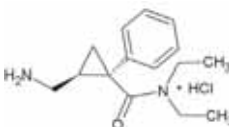
Maprotiline HCl
CAS No. 10347-81-6
 $C_{20}H_{23}N \cdot HCl$ M.W. 313.87
M-920 1.0 mg/mL (as free base)
1 mL Methanol



Mianserin-D₃
CAS No. 81957-76-8
 $C_{16}H_{17}D_3N_2$ M.W. 267.35
M-901 100 µg/mL
1 mL Methanol

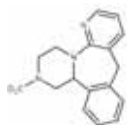


Mianserin HCl
CAS No. 21535-47-7
 $C_{16}H_{20}N_2 \cdot HCl$ M.W. 300.83
M-919 1.0 mg/mL (as free base)
1 mL Methanol

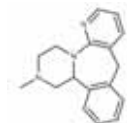


Milnacipran HCl
CAS No. 101152-94-7
 $C_{15}H_{22}N_2O \cdot HCl$ M.W. 282.81
M-145 1.0 mg/mL (as free base)
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Mirtazapine-D₃
C₁₇H₁₆D₃N₃ M.W. 268.37
B130140-10 10 mg[†]

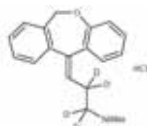


Mirtazapine
CAS No. 61337-67-5
C₁₇H₁₉N₃ M.W. 265.36
M-128 1.0 mg/mL
1 mL Methanol
B110047-100 100 mg[†]

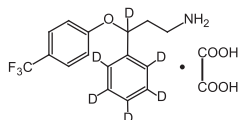
Norcitalopram
(see N-Desmethycitalopram HCl, page 31)

Norclomipramine
(see N-Desmethycitalopram HCl, page 31)

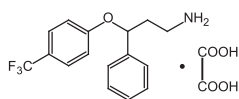
Nordoxepin
(see Desmethyldoxepin (cis/trans), page 31)



Nordoxepin-D₄ HCl
C₁₈H₁₅DNO · HCl M.W. 305.84
B140089-5 5 mg[†]



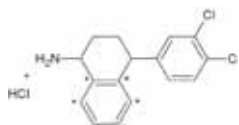
Norfluoxetine-D₆ oxalate
C₁₆H₁₀D₆F₃NO · C₂H₂O₄ M.W. 391.35
N-922 100 µg/mL (as free base)
1 mL Methanol



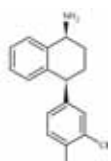
Norfluoxetine oxalate
CAS No. 107674-50-0
C₁₆H₁₅F₃NO · C₂H₂O₄ M.W. 385.33
N-923 1.0 mg/mL (as free base)
1 mL Methanol

Normirtazapine
(see N-Desmethylnormirtazapine, page 31)

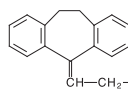
Norselegiline
[(±)-N-Desmethylnorselegiline, page 31]



Nersertraline-¹³C₂ HCl
¹³C₆H₁₀H₁₅NCl₂ · HCl M.W. 334.60
N-084 100 µg/mL (as free base)
1 mL Methanol

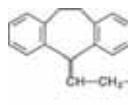


Nersertraline HCl
CAS No. 91797-58-9
C₁₆H₁₅Cl₂N · HCl M.W. 328.66
N-049 100 µg/mL (as free base)
1 mL Methanol
B120338-10 10 mg[†]

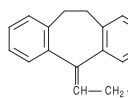


Nortrimipramine
(see N-Desmethyltrimipramine maleate, page 31)

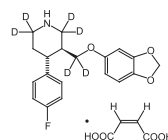
Nortriptyline-D₃ HCl
CAS No. 136765-48-5
C₁₉H₁₈D₃N · HCl M.W. 302.82
N-902 100 µg/mL (as free base)
1 mL Methanol



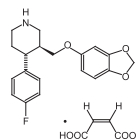
Nortriptyline-D₃ HCl
CAS No. 136765-48-5
C₁₉H₁₈D₃N · HCl M.W. 302.82
N-090 1.0 mg/mL (as free base)
1 mL Methanol



Nortriptyline HCl
CAS No. 894-71-3
C₁₉H₂₁N · HCl M.W. 299.84
N-907 1.0 mg/mL (as free base)
1 mL Methanol

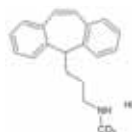


Paroxetine-D₆ maleate
C₁₉H₁₄D₆FNO₃ · C₄H₄O₄ M.W. 451.40
P-915 100 µg/mL (as free base)
1 mL Methanol

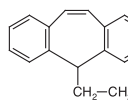


Paroxetine maleate
CAS No. 64006-44-6
C₁₉H₁₇FNO₃ · C₄H₄O₄ M.W. 445.44
P-916 1.0 mg/mL (as free base)
1 mL Methanol

Paxil
(see Nersertraline HCl, page 33)



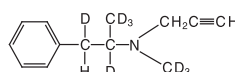
Protriptyline-D₃ HCl
C₁₉H₁₈D₃N · HCl M.W. 302.82
P-088 100 µg/mL (as free base)
1 mL Methanol



Protriptyline HCl
CAS No. 1225-55-4
C₁₉H₂₁N · HCl M.W. 299.84
P-903 1.0 mg/mL (as free base)
1 mL Methanol

Prozac
(see Fluoxetine HCl, page 32)

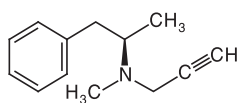
Savella
(see Milnacipran HCl, page 32)



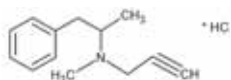
Selegiline-D₈
[(±)-Deprenyl-D₈]
C₁₃H₉D₈N M.W. 195.22
S-004 100 µg/mL
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

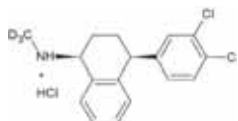
drugs, metabolites, impurities



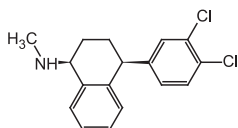
R(-)-Selegiline
[(-)-Deprenyl]
CAS No. 14611-51-9
 $C_{13}H_{17}N$ M.W. 187.28
S-003 1.0 mg/mL
1 mL Methanol



Selegiline HCl
CAS No. 14611-52-0
 $C_{13}H_{16}NCl$ M.W. 223.80
NMID822 50 mg[†]

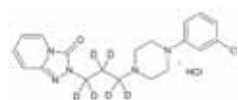


Sertraline-D₃ HCl
 $C_{17}H_{14}D_3Cl_2N \cdot HCl$ M.W. 345.72
S-026 100 µg/mL (as free base)
1 mL Methanol
B130346-10 10 mg[†]

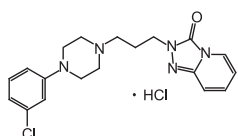


Sertraline HCl
CAS No. 79559-97-0
 $C_{17}H_{17}Cl_2N \cdot HCl$ M.W. 342.69
S-021 1.0 mg/mL (as free base)
1 mL Methanol

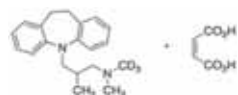
Sinequan
(see Doxepin HCl, page 32)



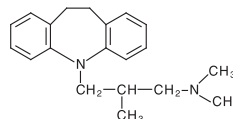
Trazodone-D₆ HCl
CAS No. 1181578-71-1
 $C_{19}H_{16}D_6ClN_2O \cdot HCl$ M.W. 414.36
T-079 100 µg/mL (as free base)
1 mL Methanol



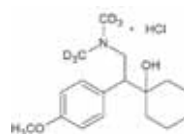
Trazodone HCl
CAS No. 25332-39-2
 $C_{19}H_{16}ClN_2O \cdot HCl$ M.W. 408.33
T-030 1.0 mg/mL (as free base)
1 mL Methanol



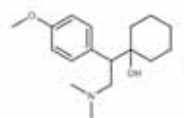
Trimipramine-D₃ maleate
CAS No. 1185245-93-5
 $C_{20}H_{23}D_3N_2 \cdot C_4H_4O_4$ M.W. 413.52
T-071 100 µg/mL (as free base)
1 mL Methanol



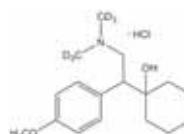
Trimipramine
CAS No. 739-71-9
 $C_{20}H_{26}N_2$ M.W. 294.44
T-904 1.0 mg/mL
1 mL Methanol



Venlafaxine-D₆ HCl
CAS No. 1062606-12-5
 $C_{17}H_{21}D_6NO_2 \cdot HCl$ M.W. 319.90
V-009 100 µg/mL (as free base)
1 mL Methanol
B130091-10 10 mg[†]

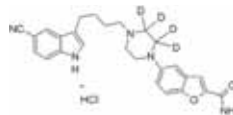


Venlafaxine HCl
CAS No. 99300-78-4
 $C_{17}H_{21}NO_2 \cdot HCl$ M.W. 313.87
V-004 1.0 mg/mL (as free base)
1 mL Methanol
B110090-500 500 mg[†]



Venlafaxine-D₆ HCl **NEW**
CAS No. 1062606-12-5
 $C_{17}H_{21}D_6NO_2 \cdot HCl$ M.W. 319.90
V-037 1.0 mg/mL (as free base)
1 mL Methanol

Viibryd
(see Paroxetine maleate, page 33)



Vilazodone-D₄ HCl
 $C_{26}H_{23}D_4N_2O_2 \cdot HCl$ M.W. 482.01
V-028 100 µg/mL (as free base)
1 mL Methanol



Vilazodone HCl
CAS No. 163521-08-2
 $C_{26}H_{27}N_2O_2 \cdot HCl$ M.W. 477.99
V-023 1.0 mg/mL (as free base)
1 mL Methanol

Vivactil
(see Protriptyline HCl, page 33)

Wellbutrin
(see Bupropion HCl, page 30)

Zoloft
(see Sertraline HCl, page 34)

Zyban
(see Bupropion HCl, page 30)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

antifungals

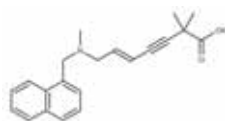
Antifungal drugs offer critically ill or immunocompromised patients multiple treatment options against invasive fungal infections. Triazole antifungal drugs, such as itraconazole, ketoconazole, posaconazole, and voriconazole, can alter the metabolism of co-administered drugs as well as the antifungal agent, resulting in drug concentrations that could be outside the therapeutic range. Since critically ill or immunocompromised patients – those at highest risk of developing invasive fungal infections – often require multiple drug regimens, drug interactions must be carefully managed to prevent toxicity and to ensure therapeutic efficacy.¹

Therapeutic drug monitoring (TDM) is considered for triazole antifungal drugs to avoid adverse clinical outcomes and to ensure effectiveness of the drug regimen. TDM is used to guide dosing levels and is valuable in assessing the effect of a drug-drug interaction between the antifungal and co-administered drugs.²

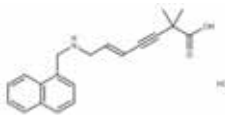
The impact of antifungals on drug metabolism and drug interactions is a result of their ability to act as a substrate or inhibitor of cytochrome P450 (CYP) metabolic enzymes.^{2,3} Previous research has demonstrated the utility of antifungal agents in P450 metabolism studies to predict potential drug-drug interactions.⁴

Antifungals are also used as masking agents since they can potentially co-elute with illicit drugs in forensic or sports testing methods. The triazole antifungal fluconazole has been shown to produce false negative test results in GC/MS confirmation of cocaine use.⁵ Recommendations to include ketoconazole in World Anti-Doping Agency (WADA) confirmatory drug tests have been offered recently as a result of the antifungal drug's ability to suppress steroid profiles.^{6,7}

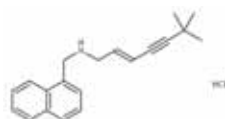
Ancobon
(see 5-Fluorocytosine, page 35)



Carboxyterbinafine oxalate
 $C_{21}H_{23}NO_2$ M.W. 321.41
B120007-10 10 mg[†]

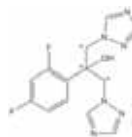


N-Desmethylcarboxyterbinafine HCl
CAS No. 170082-15-2
 $C_{20}H_{21}NO_2 \cdot HCl$ M.W. 343.85
B120013-10 10 mg[†]

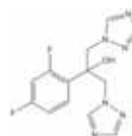


N-Desmethylterbinafine HCl
CAS No. 152830-98-3
 $C_{20}H_{23}N \cdot HCl$ M.W. 313.86
B120018-10 10 mg[†]

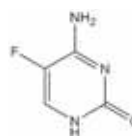
Diflucan
(see Fluconazole, page 35)



Fluconazole-¹³C₃ **NEW**
 $C_{10}^{13}C_3H_{12}F_2N_6O$ M.W. 309.25
F-035 1.0 mg/mL
1 mL Methanol



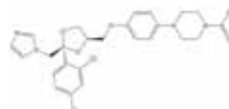
Fluconazole
CAS No. 86386-73-4
 $C_{13}H_{12}F_2N_6O$ M.W. 306.27
F-031 2.0 mg/mL
1 mL Methanol



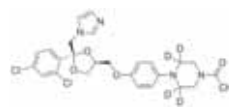
5-Fluorocytosine
CAS No. 2022-85-7
 $C_4H_4FN_3O$ M.W. 129.09
F-030 2.0 mg/mL
1 mL Methanol



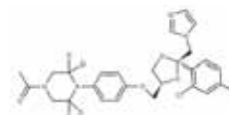
Itraconazole
CAS No. 84625-61-6
 $C_{35}H_{38}Cl_2N_4O_4$ M.W. 705.64
I-015 2.0 mg/mL
1 mL Methanol
with 1% 1M HCl



Ketoconazole
CAS No. 65277-42-1
 $C_{26}H_{28}Cl_2N_4O_4$ M.W. 531.43
K-004 2.0 mg/mL
1 mL Methanol



Ketoconazole-D₄ **NEW**
 $C_{26}H_{24}D_4Cl_2N_4O_4$ M.W. 535.46
K-005 1.0 mg/mL
1 mL Methanol



Ketoconazole-D₄
 $C_{26}H_{24}D_4Cl_2N_4O_4$ M.W. 535.46
B130130-10 10 mg[†]

Ketomed
(see Ketoconazole, page 35)

Nizoral
(see Ketoconazole, page 35)

Noxafil
(see Posaconazole, page 36)

1. <http://cid.oxfordjournals.org/content/48/10/1441.full>

2. Brüggemann RJM, Alffenaar J-W C, Blijlevens NMA, Billaud EM, Kosterink JGW, Verweij PE, Burger DM, Saravolatz LD (2009) Clin. Infect. Dis. 48 (10):1441-1458

3. <http://www.mayomedicallaboratories.com/articles/communique/2010/11.html>

4. Zhang W, Ramamoorthy Y, Kilicarslan T, Nolte H, Tyndale RF, Sellers EM (2002) Drug Metab. Dispos. 30 (03):314-318

5. Dasgupta A. Beating Drug Tests and Defending Positive Results: A Toxicologist's Perspective. New York, Springer, 2010

6. <http://www.ncbi.nlm.nih.gov/pubmed/8157729>

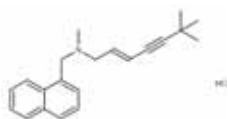
7. http://www.wada-ama.org/Documents/World_Anti-Doping_Program/WADP-IS-Laboratories/Technical_Documents/WADA-TD2014-EAAS-Endogenous-Anabolic-Androgenic-Steroids-EN.pdf

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

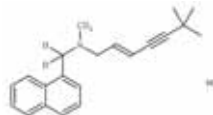


Posaconazole
CAS No. 171228-49-2
 $C_{37}H_{42}F_2N_8O_4$ M.W. 700.78
P-103 2.0 mg/ml
1 mL Methanol

Sporanox
(see Itraconazole, page 35)

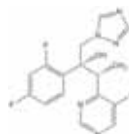


Terbinafine HCl
CAS No. 78628-80-5
 $C_{21}H_{25}N \cdot HCl$ M.W. 327.89
B110347-100 100 mg[†]



Terbinafine-D₈ HCl
 $C_{21}H_{20}D_8N \cdot HCl$ M.W. 332.92
B130154-10 10 mg[†]

Trican
(see Fluconazole, page 35)



Voriconazole
CAS No. 137234-62-9
 $C_{16}H_{14}F_3N_5O$ M.W. 349.31
V-032 2.0 mg/mL
1 mL Methanol
B110281-50 50 mg[†]

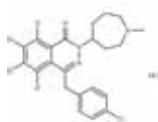
Vfend
(see Voriconazole, page 36)

antihistamines

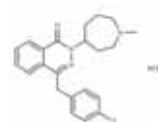
Antihistamines are popular medications used for symptomatic relief of cold and allergy symptoms and as sleeping aids. These drugs can produce intense feelings of sedation, which reportedly can be enhanced by alcohol.¹ Although relatively safe, antihistamine use is implicated in motor vehicle, civil aviation, and boating accidents with deaths resulting from accidental or intentional overdose.² In the United States, for example, approximately 90,000 cases of antihistamine ingestions are reported to poison control centers each year.³

Antihistamines function by inhibiting the action of histamine, a compound that regulates immediate hypersensitivity and allergic response. Currently available antihistamines are classified as either first generation H₁ receptor agonists or as second generation H₂ receptor agonists. These drugs, especially diphenhydramine, chlorpheniramine, and promethazine, are routinely analyzed in forensic laboratories to determine cause of death in cases of suspected suicide or drug-facilitated crime.^{4,5,6}

Avil
(see Pheniramine, page 37)

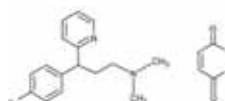


Azelastine-D₄ HCl
CAS No. 79307-93-0
 $C_{22}H_{20}D_4ClN_3O$ M.W. 422.38
B130287-10 10 mg[†]

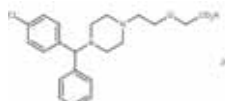


Azelastine HCl
CAS No. 79307-93-0
 $C_{22}H_{24}ClN_3O$ M.W. 418.36
B110286-100 100 mg[†]

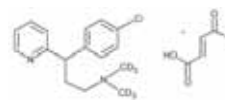
Benadryl
(see Diphenhydramine HCl, page 37)



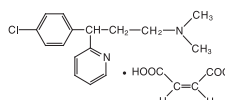
Brompheniramine maleate
CAS No. 980-71-2
 $C_{16}H_{19}BrN_2 \cdot C_4H_4O_4$ M.W. 435.31
B-043 1.0 mg/mL (as free base)
1 mL Methanol



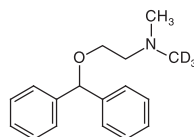
Cetirizine diHCl
CAS No. 83881-52-1
 $C_{21}H_{25}ClN_2O_3 \cdot 2HCl$ M.W. 461.81
B110299-100 100 mg[†]



Chlorpheniramine-D₆ maleate
CAS No. 1219806-45-1
 $C_{16}H_{13}D_6ClN_2 \cdot C_4H_4O_4$ M.W. 396.90
C-086 100 µg/mL (as free base)
1 mL Methanol



Chlorpheniramine maleate
CAS No. 7054-11-7
 $C_{16}H_{18}ClN_2 \cdot C_4H_4O_4$ M.W. 390.87
C-036 1.0 mg/mL (as free base)
1 mL Methanol



Diphenhydramine-D₃
CAS No. 170082-18-5
 $C_{17}H_{18}D_3NO$ M.W. 258.34
D-017 100 µg/mL
1 mL Methanol

1. <http://www.health24.com/Medical/Meds-and-you/Medication/Phenobarbitone-paracetamol-codeine-caffeine-and-diphenhydramine-20130927>

2. <http://www.ncbi.nlm.nih.gov/pubmed/17539447>

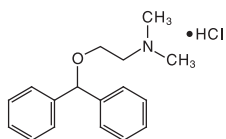
3. Adams JG. Emergency Medicine: Clinical Essentials. Elsevier Health Sciences, 2012

4. <http://www.ncbi.nlm.nih.gov/pubmed/22018854>

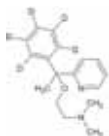
5. <http://www.ncbi.nlm.nih.gov/pubmed/6726155>

6. <http://www.virginia.edu/sexualmisconductdialogue/resources/Criminal%20Poisoning%20Drug%20Facilitated%20Sexual%20Assault.pdf>

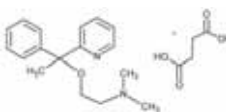
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



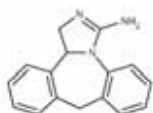
Diphenhydramine HCl
CAS No. 147-24-0
 $C_{17}H_{21}NO \cdot HCl$ M.W. 291.82
D-015 1.0 mg/mL (as free base)
1 mL Methanol



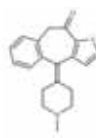
Doxylamine-D₅
 $C_{17}D_5H_{17}N_2O$ M.W. 275.40
D-051 100 µg/mL
1 mL Acetonitrile



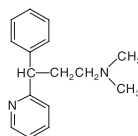
Doxylamine succinate
CAS No. 562-10-7
 $C_{17}H_{22}N_2O \cdot C_4H_4O_4$ M.W. 388.46
D-045 1.0 mg/mL (as free base)
1 mL Methanol



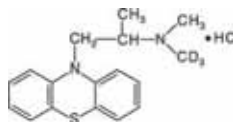
Epinastine HCl
CAS No. 108929-04-0
 $C_{16}H_{15}N_3$ M.W. 249.31
B110308-100 100 mg[†]



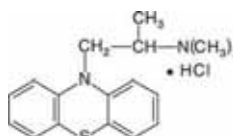
Ketotifen fumarate
CAS No. 34580-14-8
 $C_{19}H_{16}NOS$ M.W. 309.43
B110326-100 100 mg[†]



Pheniramine
CAS No. 86-21-5
 $C_{16}H_{20}N_2$ M.W. 240.35
P-045 1.0 mg/mL
1 mL Methanol



Promethazine-D₃ HCl **NEW**
CAS No. 1435933-86-0
 $C_{17}H_{17}D_3N_2S \cdot HCl$ M.W. 323.90
P-112 100 µg/mL (as free base)
1 mL 1% 1M HCl in Methanol
P-910 5 mg



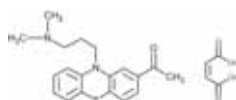
Promethazine HCl **NEW**
CAS No. 58-33-3
 $C_{17}H_{20}N_2S \cdot HCl$ M.W. 320.88
P-111 1.0 mg/mL (as free base)
1 mL 1% 1M HCl in Methanol
P-044 25 mg

antipsychotics

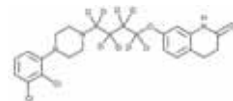
Antipsychotics are a class of drugs used to treat a variety of mental health conditions, including schizophrenia spectrum disorders, bipolar disorder, attention-deficit/hyperactivity disorder (ADHD), opiate and alcohol addiction, sleep disorders, and depression. Antipsychotics are separated into two classes – first generation drugs known as typicals and newer second generation drugs called atypicals. Both atypical and typical antipsychotics are routinely analyzed in clinical and forensic applications. For clinical and diagnostic testing, therapeutic drug monitoring (TDM) of antipsychotics may be indicated to assess medication adherence and to ensure dosing remains within the therapeutic range.

While antipsychotics have historically been analyzed by GC/MS, many of the newer atypicals such as risperidone are not suitable for GC analysis due to thermal instability.^{1,2} In recent years, HPLC and LC/MS have supplanted GC/MS for the analysis of antipsychotics in biological matrices, because liquid chromatographic systems do not require volatilization or derivatization of the analyte.³

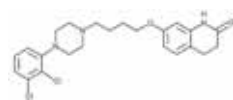
Abilify
(see Aripiprazole, page 37)



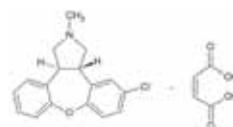
Acepromazine maleate
CAS No. 3598-37-6
 $C_{23}H_{26}N_2O_5S$ M.W. 442.50
NMIM259 20 mg[†]



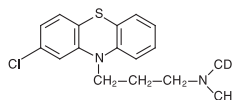
Aripiprazole-D₃
CAS No. 1089115-04-7
 $C_{23}H_{18}D_3Cl_2N_3O_2$ M.W. 456.43
A-081 100 µg/mL
1 mL Acetonitrile
B130283-5 5 mg[†]



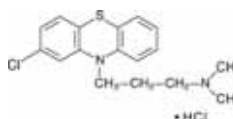
Aripiprazole **NEW**
CAS No. 129722-12-9
 $C_{23}H_{27}Cl_2N_3O_2$ M.W. 448.39
A-119 1.0 mg/mL
1 mL 1:1 Methanol/
Water with 1% 1N HCl



Asenapine maleate
CAS No. 85650-56-2
 $C_{17}H_{16}ClNO \cdot C_4H_4O_4$ 401.84
A-101 1.0 mg/mL (as free base)
1 mL Methanol



Chlorpromazine-D₃ maleate
 $C_{17}H_{16}ClD_3N_2S \cdot C_4H_4O_4$ M.W. 434.94
C-107 100 µg/mL (as free base)
1 mL Methanol



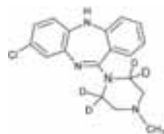
Chlorpromazine HCl
CAS No. 69-09-0
 $C_{17}H_{19}ClN_2S$ M.W. 355.33
C-904 1.0 mg/mL (as free base)
1 mL Methanol

1. Xu QA and Madden TL. LC-MS in Drug Bioanalysis. New York, Springer, 2012

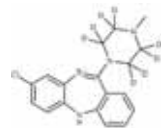
2. <http://jfat.oxfordjournals.org/content/20/3/202.full.pdf>

3. Langman LJ and Christine LS. LC-MS in Drug Analysis: Methods and Protocols. New York, Springer, 2012

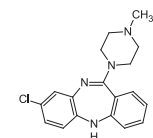
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



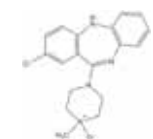
Clozapine-D₄
CAS No. 204395-52-8
 $C_{18}H_{15}D_4ClN_4$ M.W. 330.85
C-091 100 µg/mL
1 mL Methanol



Clozapine-D₈
 $C_{18}H_{11}D_8ClN_4$ M.W. 334.87
B130011-10 10 mg[†]



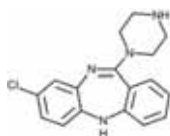
Clozapine
CAS No. 5786-21-0
 $C_{18}H_{19}ClN_4$ M.W. 326.82
C-059 1.0 mg/mL
1 mL Methanol



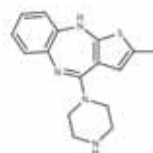
Clozapine N-oxide
CAS No. 34233-69-7
 $C_{18}H_{19}ClN_4O$ M.W. 342.82
C-125 100 µg/mL
1 mL Methanol



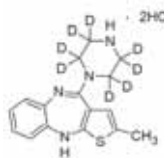
Dehydro Aripiprazole
CAS No. 129722-25-4
 $C_{23}H_{26}Cl_2N_2O_2$ M.W. 446.37
D-053 1.0 mg/mL
1 mL Methanol with
5% 1N HCl



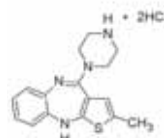
N-Desmethylozapine
CAS No. 6104-71-8
 $C_{17}H_{17}ClN_4$ M.W. 312.80
D-048 1.0 mg/mL
1 mL Methanol



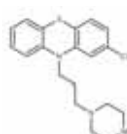
N-Desmethyloanzapine
CAS No. 161696-76-0
 $C_{16}H_{16}N_4S$ M.W. 298.41
B120117-10 10 mg[†]



N-Desmethyloanzapine-D₈ diHCl
 $C_{16}H_{10}D_8N_4S \cdot diHCl$ M.W. 379.46
D-070 100 µg/mL (as free base)
1 mL
Acetonitrile:Water (1:1)

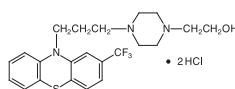


Desmethyloanzapine diHCl
CAS No. 161696-76-0
 $C_{16}H_{16}N_4S \cdot diHCl$ M.W. 371.33
D-069 1.0 mg/mL (as free base)
1 mL
Acetonitrile:Water (1:1)



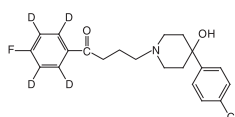
Desmethylprochlorperazine dimaleate
CAS No. 49780-18-9
 $C_{19}H_{22}ClN_3S$ M.W. 359.92
B120016-10 10 mg[†]

Fanapt
(see Iloperidone, page 39)

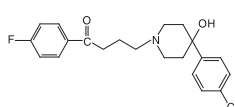


Fluphenazine diHCl
CAS No. 69-23-8
 $C_{22}H_{26}N_3OSF_3 \cdot di-HCl$ M.W. 510.45
F-903 1.0 mg/mL (as free base)
1 mL Methanol

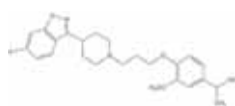
Geodan
(see Ziprasidone, page 40)



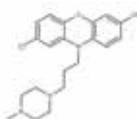
Haloperidol-D₄
CAS No. 136765-35-0
 $C_{21}H_{18}ClD_4FNO_2$ M.W. 379.84
H-002 100 µg/mL
1 mL Methanol



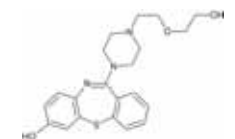
Haloperidol
CAS No. 52-86-8
 $C_{21}H_{23}ClFNO_2$ M.W. 375.87
H-030 1.0 mg/mL
1 mL Methanol



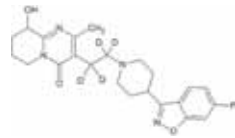
Hydroxy Iloperidone NEW
CAS No. 133454-55-4
 $C_{24}H_{29}FN_2O_4$ M.W. 428.50
H-104 100 µg/mL
1 mL Methanol



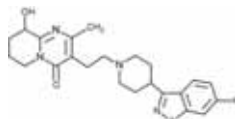
7-Hydroxyprochlorperazine
CAS No. 52172-19-7
 $C_{20}H_{24}ClN_3OS$ M.W. 389.94
B120025-10 10 mg[†]



7-Hydroxyquetiapine
CAS No. 139079-39-3
 $C_{21}H_{25}N_3O_3S$ M.W. 399.51
H-081 1.0 mg/mL
1 mL Methanol

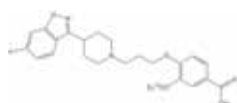


9-Hydroxyrisperidone-D₄
CAS No. 1020719-55-4
 $C_{23}H_{23}D_4FN_3O_3$ M.W. 430.51
H-095 100 µg/mL
1 mL Methanol

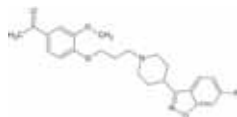


9-Hydroxyrisperidone
CAS No. 144598-75-4
 $C_{23}H_{27}FN_3O_3$ M.W. 426.48
H-076 1.0 mg/mL
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Iloperidone-¹³C, D₃
C₂₃H₂₄D₃FN₂O₄ M.W. 430.49
I-013 100 µg/mL
1 mL Methanol

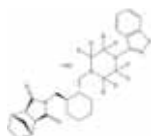


Iloperidone
CAS No. 133454-47-4
C₂₄H₂₇FN₂O₄ M.W. 426.48
I-011 1.0 mg/mL
1 mL Methanol

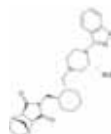
Invega
(see 9-Hydroxyrisperidone, page 38)

Keptipinor
(see Quetiapine fumarate, page 39)

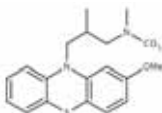
Latuda
(see Lurasidone HCl, page 39)



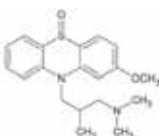
Lurasidone-D₈ HCl **NEW**
C₂₈H₂₈D₈N₄O₂S · HCl M.W. 537.19
L-035 100 µg/mL (as free base)
1 mL Methanol



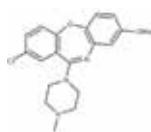
Lurasidone HCl
CAS No. 367514-88-3
C₂₈H₂₈N₄O₂S · HCl M.W. 529.14
L-030 1.0 mg/mL (as free base)
1 mL Methanol



Methotrimeprazine-D₃ maleate
CAS No. 60-99-1
C₁₉H₂₁D₃N₂OS M.W. 331.49
B130330-10 10 mg[†]

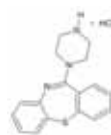


Methotrimeprazine sulfoxide
CAS No. 7052-08-6
C₁₉H₂₄N₂O₂S M.W. 344.47
B120329-10 10 mg[†]

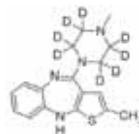


8-Methoxyloxapine
CAS No. 70020-54-1
C₁₉H₂₀ClN₃O₂ M.W. 357.83
B120031-25 25 mg[†]

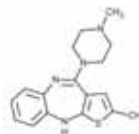
Norolanzapine
(see Desmethylolanzapine diHCl, page 38)



Norquetiapine HCl
CAS No. 753475-15-9
C₁₇H₁₇N₃S · HCl M.W. 331.86
N-070 1.0 mg/mL (as free base)
1 mL Methanol

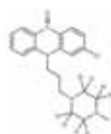


Olanzapine-D₈
C₁₇H₁₂D₈N₄S M.W. 320.48
O-035 100 µg/mL
1 mL Acetonitrile

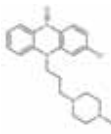


Olanzapine
CAS No. 132539-06-1
C₁₇H₂₀N₄S M.W. 312.44
O-024 1.0 mg/mL
1 mL Acetonitrile

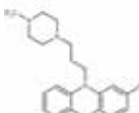
Paliperidone
(see 9-Hydroxyrisperidone, page 38)



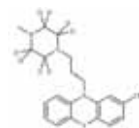
Prochlorperazine sulfoxide-D₈
C₂₀H₁₆D₈ClN₃OS M.W. 397.99
B140037-5 5 mg[†]



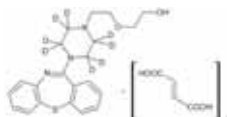
Prochlorperazine sulfoxide
CAS No. 10078-27-0
C₂₀H₂₄ClN₃OS M.W. 389.94
B120092-10 10 mg[†]



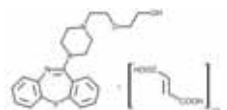
Prochlorperazine-D₃ dimesylate
CAS No. 51888-09-6
C₂₀H₂₁D₃ClN₃S M.W. 376.96
B130038-25 25 mg[†]



Prochlorperazine-D₈ dimaleate
C₂₀H₁₆D₈ClN₃S M.W. 381.99
B130039-10 10 mg[†]

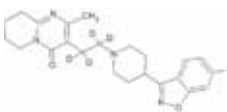


Quetiapine-D₈ hemifumarate
CAS No. 1185247-12-4
C₂₁H₁₇D₈N₃O₂S · (C₄H₄O₄)_{1/2} M.W. 449.60
Q-002 100 µg/mL (as free base)
1 mL Methanol



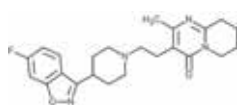
Quetiapine fumarate
CAS No. 111974-72-2
2(C₂₁H₂₅N₃O₂S) · C₄H₄O₄ M.W. 883.09
Q-001 1.0 mg/mL (as free base)
1 mL Methanol

Risperdal
(see Risperidone, page 40)



Risperidone-D₄
CAS No. 1020719-76-9
C₂₃H₂₃D₄FN₄O₂ M.W. 414.51
R-013 100 µg/mL
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

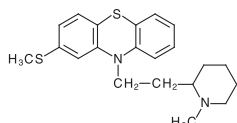


Risperidone
CAS No. 106266-06-2
 $C_{23}H_{27}FN_4O_2$ M.W. 410.49
R-006 1.0 mg/mL
1 mL Methanol

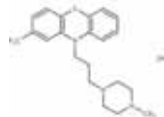
Saphris
(see Asenapine maleate, page 37)

Seroquel
(see Quetiapine fumarate, page 39)

Sycrest
(see Asenapine maleate, page 37)

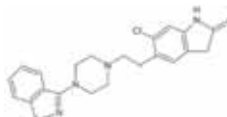


Thioridazine
CAS No. 50-52-2
 $C_{21}H_{26}N_2S_2$ M.W. 370.58
T-905 1.0 mg/mL
1 mL Methanol



Trifluoperazine-D₃ diHCl
CAS No. 440-17-5
 $C_{21}H_{21}D_3F_3N_3S \cdot 2HCl$ M.W. 483.44
B130003-10 10 mg[†]

Zeldox
(see Ziprasidone, page 40)



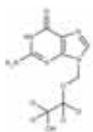
Ziprasidone
CAS No. 138982-67-9
 $C_{21}H_{21}ClN_4OS$ M.W. 412.94
Z-002 1.0 mg/mL
1 mL 1,2-Dimethoxyethane

Zyprexa
(see Olanzapine, page 39)

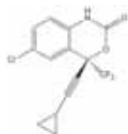
antivirals/antiretrovirals

Antiviral and antiretroviral drugs are medications that slow the replication of viruses. Antiretrovirals used in the treatment of human immunodeficiency virus (HIV) are classified into five categories: nucleoside and nucleotide analog reverse transcriptase inhibitors (NRTIs), non-nucleoside reverse transcriptase inhibitors (NNRTIs), protease inhibitors (PIs), entry and fusion inhibitors, and integrase inhibitors.¹ These drugs are typically administered in combination with one another to enhance the success of antiretroviral treatment (ART) by minimizing viral resistance from monodrug therapies.²

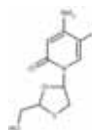
Therapeutic drug monitoring (TDM) of antiretrovirals is often considered to achieve optimal drug concentrations for viral suppression, to monitor adherence, and to minimize drug-associated toxicity.^{2,3} TDM of these drugs is also useful in optimizing ART therapy among patient populations administered CYP P450 interacting agents, such as the antifungals ketoconazole and fluconazole. Co-administration of CYP P450 interacting drugs with antiretrovirals can decrease or increase the antiretroviral concentrations. The former outcome can reduce antiretroviral efficacy below therapeutic levels while the latter outcome can increase toxicity of the antiretroviral medication.⁴



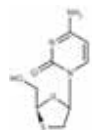
Acyclovir-D₄ **NEW**
CAS No. 59277-83-3
 $C_8H_7D_4N_5O_3$ M.W. 229.23
B130200-10 10 mg[†]



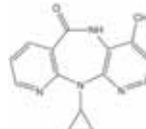
Efavirenz **NEW**
CAS No. 154598-52-4
 $C_{14}H_9ClF_3NO_2$ M.W. 315.68
E-109 1.0 mg/mL
1 mL Acetonitrile
B110228-100 100 mg[†]



Emtricitabine
CAS No. 143491-57-0
 $C_8H_9FN_3O_3S$ M.W. 246.26
B110229-100 100 mg[†]

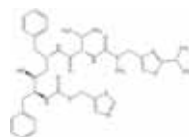


Lamivudine
CAS No. 134678-17-4
 $C_8H_9N_3O_3S$ M.W. 229.26
B110248-100 100 mg[†]



Nevirapine
CAS No. 129618-40-2
 $C_{16}H_{14}N_4O$ M.W. 266.30
N-098 1.0 mg/mL
1 mL Methanol

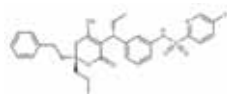
Norvir
(see Ritonavir, page 40)



Ritonavir **NEW**
CAS No. 155213-67-5
 $C_{37}H_{48}N_6O_5S_2$ M.W. 720.94
R-022 1.0 mg/mL
1 mL Acetonitrile

Stocrin
(see Efavirenz, page 40)

Sustiva
(see Efavirenz, page 40)



Tipranavir
CAS No. 174484-41-4
 $C_{31}H_{33}F_3N_2O_5S$ M.W. 602.66
B110272-10 10 mg[†]

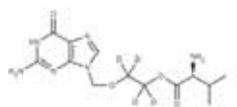
1. Amitava D. Advances in Chromatographic Techniques for Therapeutic Drug Monitoring. Florida, Taylor & Francis, 2010

2. <http://aidsinfo.nih.gov/guidelines/html/1/adult-and-adolescent-arv-guidelines/15/virologic-failure>

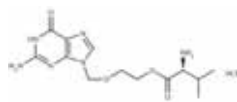
3. <http://aidsinfo.nih.gov/guidelines/html/2/pediatric-arv-guidelines/108/role-of-therapeutic-drug-monitoring-in-management-of-pediatric-hiv-infection>

4. <http://hivinsite.ucsf.edu/insite?page=ar-00-02&post=10¶m=6>

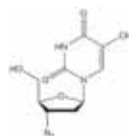
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Valacyclovir-D₄
CAS No. 124832-26-4
 $C_{13}H_{16}D_4N_6O_4$ M.W. 328.36
B130359-10 10 mg[†]



Valacyclovir HCl
CAS No. 124832-27-5
 $C_{13}H_{18}N_6O_4 \cdot HCl$ M.W. 360.80
B110358-500 500 mg[†]



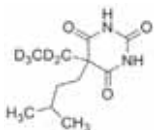
Viramune
(see Nevirapine, page 40)

Zidovudine **NEW**
CAS No. 30516-87-1
 $C_{10}H_{13}N_5O_4$ M.W. 267.24
Z-011 1.0 mg/mL
1 mL Methanol

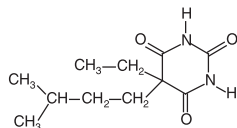
barbiturates

Barbiturates are chemical derivatives of barbituric acid that are therapeutically used as sedatives, hypnotics, anticonvulsants, anesthetics, and tranquilizers. At high doses, barbiturates can cause a slowdown of the respiratory system, potentially leading to coma and death. In the US, barbiturates have been implicated in instances of suicide. A recent study found that 27 percent of fatal overdose suicide cases in US geriatrics were due to barbiturates.¹

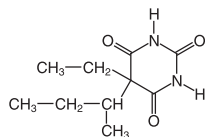
Barbiturate use across the globe has decreased over recent decades, largely due to the emergence of benzodiazepines, which do not cause respiratory slowing and are less dangerous in overdose.² Barbiturates remain prevalent in Eastern European countries including Latvia, Ukraine, Estonia, and Georgia and have appeared as heroin adulterants in the United Kingdom.^{2,3,4}



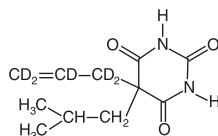
Amobarbital-D₅
CAS No. 1190003-63-4
 $C_{11}H_7D_5N_2O_3$ M.W. 231.00
A-102 100 µg/mL
1 mL Methanol



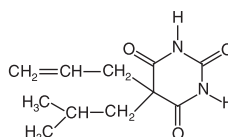
Amobarbital
CAS No. 57-43-2
 $C_{11}H_{13}N_2O_3$ M.W. 226.27
A-020 1.0 mg/mL
1 mL Methanol



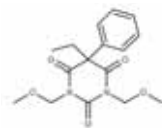
Butabarbital
CAS No. 125-40-6
 $C_{10}H_{16}N_2O_3$ M.W. 212.25
B-024 1.0 mg/mL
1 mL Methanol



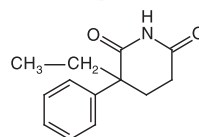
Butalbital-D₅
CAS No. 145243-96-5
 $C_{11}H_{11}D_5N_2O_3$ M.W. 229.22
B-005 100 µg/mL
1 mL Methanol
B-030 1.0 mg/mL
1 mL Methanol



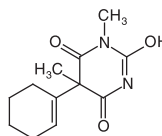
Butalbital
CAS No. 77-26-9
 $C_{11}H_{16}N_2O_3$ M.W. 224.26
B-006 1.0 mg/mL
1 mL Methanol



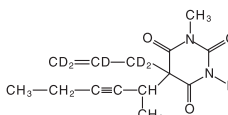
Eterobarb
CAS No. 27511-99-5
 $C_{16}H_{20}N_2O_5$ M.W. 320.34
B110231-25 25 mg[†]



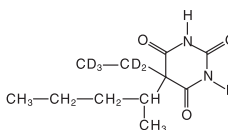
Glutethimide
CAS No. 77-21-4
 $C_{13}H_{15}NO_2$ M.W. 217.27
G-005 1.0 mg/mL
1 mL Methanol



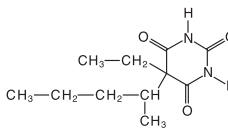
Hexobarbital
CAS No. 56-29-1
 $C_{12}H_{16}N_2O_3$ M.W. 236.27
H-013 1.0 mg/mL
1 mL Methanol



Methohexital-D₅
CAS No. 160227-45-2
 $C_{14}H_{13}D_5N_2O_3$ M.W. 267.27
M-079 100 µg/mL
1 mL Methanol



Pentobarbital-D₅
CAS No. 52944-66-8
 $C_{11}H_{13}D_5N_2O_3$ M.W. 231.24
P-009 100 µg/mL
1 mL Methanol
P-013 1.0 mg/mL
1 mL Methanol



Pentobarbital
CAS No. 76-74-4
 $C_{11}H_{18}N_2O_3$ M.W. 226.27
P-010 1.0 mg/mL
1 mL Methanol

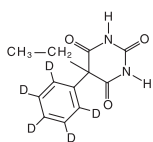
1. <http://emedicine.medscape.com/article/813155-overview>

2. <http://www.elmhurst.edu/~chem/vchembook/6673barbit.html>

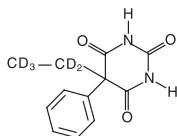
3. <http://www.emcdda.europa.eu/publications/drug-profiles/barbiturates>

4. <http://acb.sagepub.com/content/38/5/559.abstract>

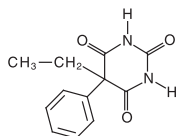
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



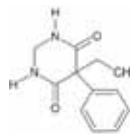
Phenobarbital-D₅
(deuterium label on ring)
CAS No. 72793-46-5
 $C_{12}H_7D_5N_2O_3$ M.W. 237.20
P-018 100 µg/mL
1 mL Methanol
P-019 1.0 mg/mL
1 mL Methanol



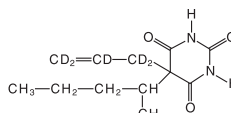
Phenobarbital-D₅
(deuterium label on side chain)
CAS No. 73738-05-3
 $C_{12}H_7D_5N_2O_3$ M.W. 237.20
P-004 100 µg/mL
1 mL Methanol
P-017 1.0 mg/mL
1 mL Methanol



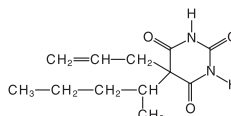
Phenobarbital
CAS No. 50-06-6
 $C_{12}H_{12}N_2O_3$ M.W. 232.24
P-008 1.0 mg/mL
1 mL Methanol



Primidone
CAS No. 125-33-7
 $C_{12}H_{14}N_2O_2$ M.W. 218.25
P-075 1.0 mg/mL
1 mL Methanol



Secobarbital-D₅
CAS No. 145243-97-6
 $C_{12}H_{13}D_5N_2O_3$ M.W. 243.25
S-001 100 µg/mL
1 mL Methanol
S-048 1.0 mg/mL
1 mL Methanol



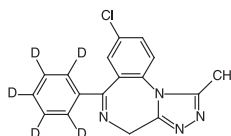
Secobarbital
CAS No. 76-73-3
 $C_{12}H_{18}N_2O_3$ M.W. 238.29
S-002 1.0 mg/mL
1 mL Methanol

benzodiazepines

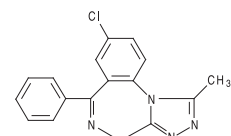
Benzodiazepines are a broad class of psychoactive drugs used worldwide for treating various conditions including anxiety, insomnia, and muscle spasms. These drugs are classified as either short- or long-acting. Short-acting benzodiazepines like triazolam are typically prescribed to treat insomnia. Long-acting benzodiazepines, such as diazepam, alprazolam, lorazepam, and prazepam, may be used to treat insomnia as well as other conditions including anxiety, seizures, or muscle spasms.¹

Around the world, benzodiazepines are widely misused with many countries including Italy, Venezuela, Poland, the Netherlands and Canada ranking them among their top three abused substances. Compounding the problem of benzodiazepine misuse is the trend among polydrug users to combine benzodiazepines with other drugs into potentially lethal drug mixes. Consumption of these drug mixes is associated with higher risk of overdose and mortality.²

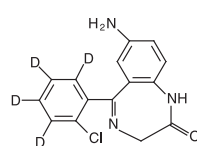
Within the past couple of years, novel psychoactive substance (NPS) benzodiazepines have emerged in illicit online drug shops. NPS benzodiazepines such as phenazepam, etizolam, nimetazepam and demoxepam have little to no known medical use, are more potent than pharmaceutical benzodiazepines, and are currently uncontrolled in many countries.³ Phenazepam, a synthetic benzodiazepine that had limited use in the 1970s, has re-emerged as a popular recreational drug of abuse. Cases of phenazepam use have appeared in Europe, the United States, and Asia.^{4,5,6}



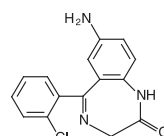
Alprazolam-D₅
CAS No. 125229-61-0
 $C_{17}H_8ClD_5N_4$ M.W. 313.73
A-902 100 µg/mL
1 mL Methanol
A-910 1.0 mg/mL
1 mL Methanol



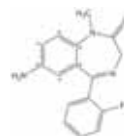
Alprazolam
CAS No. 28981-97-7
 $C_{17}H_{13}ClN_4$ M.W. 308.77
A-903 1.0 mg/mL
1 mL Methanol



7-Aminoclonazepam-D₄
CAS No. 125070-96-4
 $C_{15}H_8ClD_4N_5O$ M.W. 289.70
A-917 100 µg/mL
1 mL Acetonitrile
A-924 1.0 mg/mL
1 mL Acetonitrile



7-Aminoclonazepam
CAS No. 4959-17-5
 $C_{15}H_{12}ClN_5O$ M.W. 285.73
A-915 100 µg/mL
1 mL Acetonitrile
A-916 1.0 mg/mL
1 mL Acetonitrile



7-Aminoflunitrazepam-¹³C₆ **NEW**
 $C_{10}^{13}C_6H_{14}FN_3O$ M.W. 289.26
A-111 100 µg/mL
1 mL Acetonitrile

1. <http://www.patient.co.uk/doctor/Benzodiazepine-Dependence.htm>

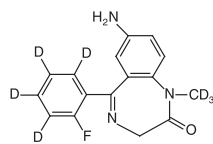
2. <http://www.unodc.org/wdr/>

3. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3472894/>

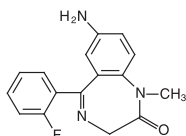
4. <http://frenchtribune.com/teneur/115988-prescription-drug-phenazepam-may-be-responsible-kronic-reactions>

5. <http://www.texarkanagazette.com/news/2012/06/14/phenazepam-identified-as-drug-causing-lo-260903.php>

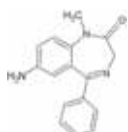
6. http://centralasiaonline.com/en_GB/articles/caii/features/main/2011/11/04/feature-01



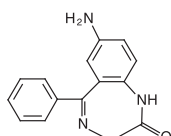
7-Aminoflunitrazepam-D₇
CAS No. 879894-27-6
 $C_{16}H_7D_7FN_3O$ M.W. 290.25
A-921 100 µg/mL
1 mL Acetonitrile
A-925 1.0 mg/mL
1 mL Acetonitrile



7-Aminoflunitrazepam
CAS No. 34084-50-9
 $C_{16}H_{14}FN_3O$ M.W. 283.30
A-912 100 µg/mL
1 mL Acetonitrile
A-911 1.0 mg/mL
1 mL Acetonitrile

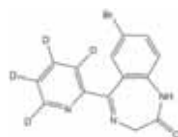


7-Aminonimetazepam
CAS No. 4959-16-4
 $C_{16}H_{15}N_3O$ M.W. 265.31
A-098 100 µg/mL
1 mL Acetonitrile

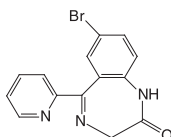


7-Aminonitrazepam
CAS No. 4928-02-3
 $C_{15}H_{13}N_3O$ M.W. 251.29
A-914 100 µg/mL
1 mL Acetonitrile
A-913 1.0 mg/mL
1 mL Acetonitrile

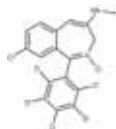
Bonsai
(see Phenazepam, page 46)



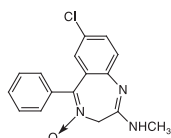
Bromazepam-D₄ **NEW**
CAS No. 1185022-85-8
 $C_{14}H_9D_4BrN_3O$ M.W. 320.18
B-064 100 µg/mL
1 mL Methanol



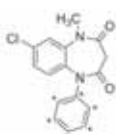
Bromazepam
CAS No. 1812-30-2
 $C_{14}H_{10}BrN_3O$ M.W. 316.16
B-903 1.0 mg/mL
1 mL Methanol



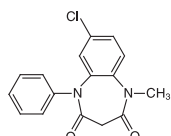
Chlordiazepoxide-D₅
CAS No. 65891-81-8
 $C_{16}H_9D_5ClN_3O$ M.W. 304.78
C-912 100 µg/mL
1 mL Methanol



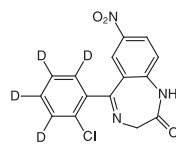
Chlordiazepoxide
CAS No. 58-25-3
 $C_{16}H_{14}ClN_3O$ M.W. 299.76
C-022 1.0 mg/mL
1 mL Methanol



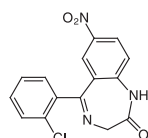
Clobazam-8-chloro isomer-¹³C₆
 $C_{10}^{13}C_6H_{13}ClN_2O_2$ M.W. 306.73
C-129 100 µg/mL
1 mL Methanol



Clobazam
CAS No. 22316-47-8
 $C_{16}H_{13}ClN_2O_2$ M.W. 300.74
C-909 1.0 mg/mL
1 mL Methanol



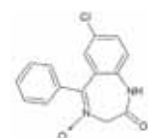
Clonazepam-D₄
CAS No. 170082-15-2
 $C_{15}H_6ClD_4N_3O_3$ M.W. 319.68
C-905 100 µg/mL
1 mL Methanol
C-906 1.0 mg/mL
1 mL Methanol



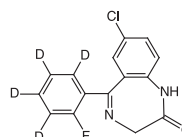
Clonazepam
CAS No. 1622-61-3
 $C_{15}H_{10}ClN_3O_3$ M.W. 315.72
C-907 1.0 mg/mL
1 mL Methanol



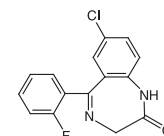
Demoxepam-D₅
 $C_{15}H_8D_5N_2O_2Cl$ M.W. 291.68
D-080 100 µg/mL
1 mL Acetonitrile



Demoxepam
CAS No. 963-39-3
 $C_{15}H_{11}N_2O_2Cl$ M.W. 286.72
D-079 1.0 mg/mL
1 mL Acetonitrile



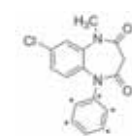
Desalkylflurazepam-D₄
 $C_{15}H_6ClD_4FN_3O$ M.W. 292.68
D-924 100 µg/mL
1 mL Methanol



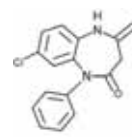
Desalkylflurazepam
CAS No. 2886-65-9
 $C_{15}H_{10}N_2OCIF$ M.W. 288.71
D-915 1.0 mg/mL
1 mL Methanol

Desmethylchlordiazepoxide
(see Norchlordiazepoxide, page 45)

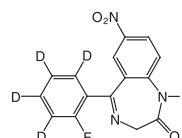
Desmethyldiazepam
(see Nordiazepam, page 45)



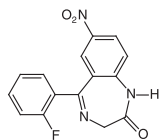
N-Desmethyloclobazam-8-chloro isomer-¹³C₆
 $C_9^{13}C_6H_{11}ClN_2O_2$ M.W. 292.70
D-094 100 µg/mL
1 mL Acetonitrile



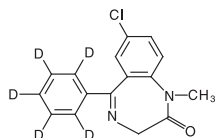
N-Desmethyloclobazam
CAS No. 223116-55-8
 $C_{15}H_{11}ClN_2O_2$ M.W. 286.71
D-049 100 µg/mL
1 mL Acetonitrile



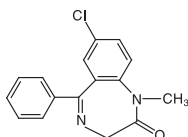
N-Desmethyflunitrazepam-D₄
CAS No. 1397234-19-3
 $C_{15}H_8D_4N_3O_3F$ M.W. 303.23
D-925 100 µg/mL
1 mL Methanol



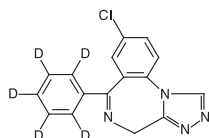
N-Desmethyflunitrazepam
CAS No. 2558-30-7
 $C_{15}H_{10}FN_3O_3$ M.W. 299.26
D-919 100 µg/mL
1 mL Methanol
D-918 1.0 mg/mL
1 mL Methanol



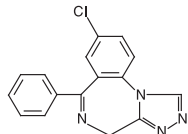
Diazepam-D₅
CAS No. 65854-76-4
 $C_{16}H_8ClD_5N_2O$ M.W. 289.71
D-902 100 µg/mL
1 mL Methanol
D-910 1.0 mg/mL
1 mL Methanol



Diazepam
CAS No. 439-14-5
 $C_{16}H_{13}ClN_2O$ M.W. 284.74
D-907 1.0 mg/mL
1 mL Methanol



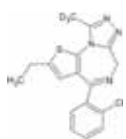
Estazolam-D₅
CAS No. 170082-16-3
 $C_{16}H_6ClD_5N_4$ M.W. 299.70
E-903 100 µg/mL
1 mL Methanol



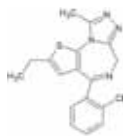
Estazolam
CAS No. 29975-16-4
 $C_{16}H_{11}ClN_4$ M.W. 294.74
E-901 1.0 mg/mL
1 mL Methanol

Etilaam
(see Nitmetazepam, page 45)

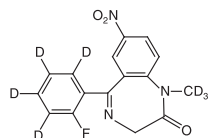
Etizola
(see Etizolam, page 44)



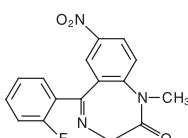
Etizolam-D₃
 $C_{17}H_{12}D_3ClN_4S$ M.W. 345.07
E-082 100 µg/mL
1 mL Methanol



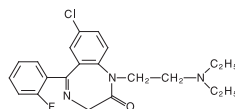
Etizolam
CAS No. 40054-69-1
 $C_{17}H_{15}ClN_4S$ M.W. 342.07
E-081 1.0 mg/mL
1 mL Methanol



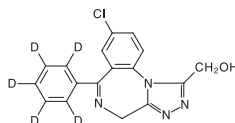
Flunitrazepam-D₇
CAS No. 1286448-08-5
 $C_{16}H_5D_7FN_3O_3$ M.W. 320.23
F-915 100 µg/mL
1 mL Methanol



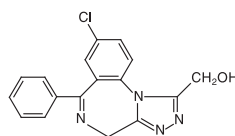
Flunitrazepam
CAS No. 1622-62-4
 $C_{16}H_{12}FN_3O_3$ M.W. 313.29
F-907 1.0 mg/mL
1 mL Methanol
NMID882 25 mg[†]



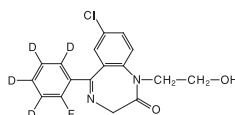
Flurazepam
CAS No. 17617-23-1
 $C_{21}H_{23}ClFN_3O$ M.W. 387.88
F-003 1.0 mg/mL
1 mL Methanol



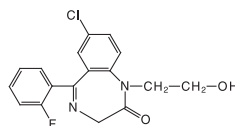
α-Hydroxyalprazolam-D₅
CAS No. 136765-24-7
 $C_{17}H_8ClD_5N_4O$ M.W. 329.73
A-904 100 µg/mL
1 mL Methanol
A-908 1.0 mg/mL
1 mL Methanol



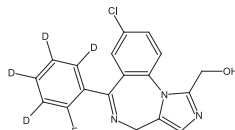
α-Hydroxyalprazolam
CAS No. 37115-43-8
 $C_{17}H_{13}ClN_4O$ M.W. 324.77
A-905 100 µg/mL
1 mL Methanol
A-907 1.0 mg/mL
1 mL Methanol



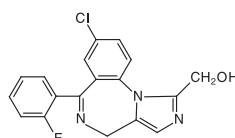
2-Hydroxyethylflurazepam-D₄
 $C_{17}H_{10}D_4ClFN_2O_2$ M.W. 336.73
H-919 100 µg/mL
1 mL Methanol
H-923 1.0 mg/mL
1 mL Methanol



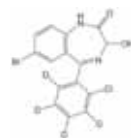
2-Hydroxyethylflurazepam
CAS No. 29071-53-3
 $C_{17}H_{14}ClFN_2O_2$ M.W. 332.76
F-901 100 µg/mL
1 mL Methanol
F-902 1.0 mg/mL
1 mL Methanol



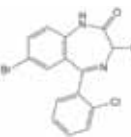
α-Hydroxymidazolam-D₄
 $C_{18}H_9D_4ClFN_3O$ M.W. 345.78
H-921 100 µg/mL
1 mL Methanol



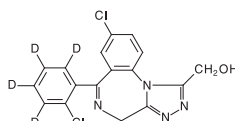
α-Hydroxymidazolam
CAS No. 59468-90-5
 $C_{18}H_{13}ClFN_3O$ M.W. 341.77
H-902 100 µg/mL
1 mL Methanol
H-922 1.0 mg/mL
1 mL Methanol



3-Hydroxyphenazepam-D₄ **NEW**
 $C_{15}H_8D_4N_2O_2BrCl$ M.W. 369.63
H-114 100 µg/mL
1 mL Acetonitrile

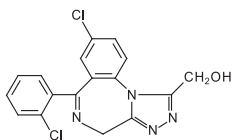


3-Hydroxyphenazepam **NEW**
 $C_{15}H_{10}N_2O_2BrCl$ M.W. 365.61
H-113 1.0 mg/mL
1 mL Acetonitrile



α-Hydroxytriazolam-D₄
CAS No. 145225-01-0
 $C_{17}H_8ClD_4N_4O$ M.W. 363.18
T-909 100 µg/mL
1 mL Methanol
T-916 1.0 mg/mL
1 mL Methanol

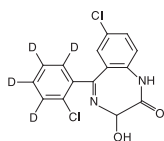
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



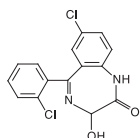
α -Hydroxytriazolam
CAS No. 37115-45-0
 $C_{17}H_{12}Cl_2N_4O$ M.W. 359.21
T-915 100 μ g/mL
1 mL Methanol
T-911 1.0 mg/mL
1 mL Methanol

Klonopin
(see Clonazepam, page 43)

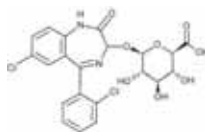
Lexotan
(see Bromazepam, page 43)



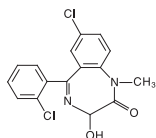
Lorazepam-D₄
CAS No. 84344-15-0
 $C_{15}H_8Cl_2D_4N_2O_2$ M.W. 325.13
L-902 100 μ g/mL
1 mL Acetonitrile
L-911 1.0 mg/mL
1 mL Acetonitrile



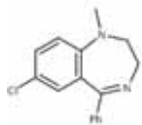
Lorazepam
CAS No. 846-49-1
 $C_{15}H_{10}Cl_2N_2O_2$ M.W. 321.16
L-901 1.0 mg/mL
1 mL Acetonitrile



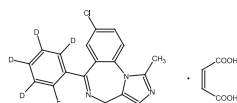
Lorazepam glucuronide
CAS No. 32781-79-6
 $C_{21}H_{18}Cl_2N_2O_8$ M.W. 497.28
L-021 100 μ g/mL
1 mL Acetonitrile:
Water (1:1)



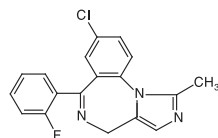
Lormetazepam
CAS No. 848-75-9
 $C_{16}H_{12}Cl_2N_2O_2$ M.W. 335.19
L-907 1.0 mg/mL
1 mL Methanol



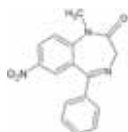
Medazepam
CAS No. 2898-12-6
 $C_{16}H_{15}ClN_2$ M.W. 270.76
B110250-50 50 mg[†]



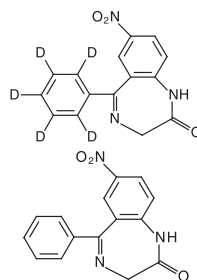
Midazolam-D₄ maleate
 $C_{18}H_{14}D_4ClFN_3 \cdot C_4H_4O_4$ M.W. 445.85
M-918 100 μ g/mL (as free base)
1 mL Methanol



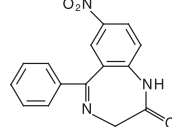
Midazolam
CAS No. 59467-70-8
 $C_{18}H_{13}ClFN_3$ M.W. 325.77
M-908 1.0 mg/mL
1 mL Methanol



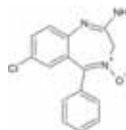
Nimetazepam
CAS No. 2011-67-8
 $C_{16}H_{13}N_3O_3$ M.W. 295.29
N-073 1.0 mg/mL
1 mL Methanol



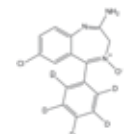
Nitrazepam-D₅
CAS No. 136765-45-2
 $C_{15}H_8D_5N_3O_3$ M.W. 286.23
N-901 100 μ g/mL
1 mL Acetonitrile



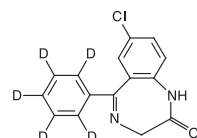
Nitrazepam
CAS No. 146-22-5
 $C_{15}H_{11}N_3O_3$ M.W. 281.27
N-906 1.0 mg/mL
1 mL Acetonitrile



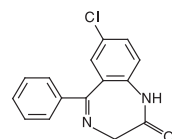
Norchlordiazepoxide **NEW**
CAS No. 7722-15-8
 $C_{15}H_{12}ClN_3O$ M.W. 285.73
N-100 1.0 mg/mL
1 mL 20% DMSO in
Acetonitrile



Norchlordiazepoxide-D₅ **NEW**
 $C_{15}H_7D_5ClN_3O$ M.W. 290.76
N-101 100 μ g/mL
1 mL 10% DMSO in
Acetonitrile

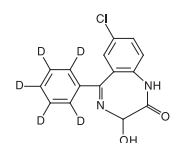


Nordiazepam-D₅
CAS No. 65891-80-7
 $C_{15}H_6ClD_5N_2O$ M.W. 275.68
N-903 100 μ g/mL
1 mL Methanol
N-911 1.0 mg/mL
1 mL Methanol

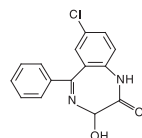


Nordiazepam
CAS No. 1088-11-5
 $C_{15}H_{11}ClN_2O$ M.W. 270.72
N-905 1.0 mg/mL
1 mL Methanol

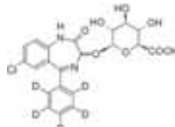
Norflunitrazepam
(see N-Desmethyflunitrazepam,
page 45)



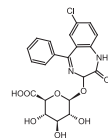
Oxazepam-D₅
CAS No. 65854-78-6
 $C_{15}H_6ClD_5N_2O_2$ M.W. 291.68
O-901 100 μ g/mL
1 mL Methanol
O-904 1.0 mg/mL
1 mL Methanol



Oxazepam
CAS No. 604-75-1
 $C_{15}H_{11}ClN_2O_2$ M.W. 286.72
O-902 1.0 mg/mL
1 mL Methanol

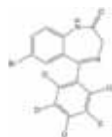


Oxazepam-D₅ glucuronide
 $C_{21}H_{14}D_5ClN_2O_8$ M.W. 467.87
O-038 100 μ g/mL
1 mL Methanol

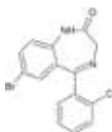


Oxazepam glucuronide
CAS No. 6801-81-6
 $C_{21}H_{19}ClN_2O_8$ M.W. 462.84
O-023 100 μ g/mL
1 mL Methanol

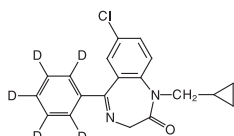
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



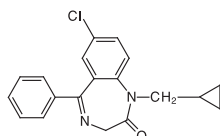
Phenazepam-D₄
CAS No. 1184980-42-4
C15H8D4N2OBrCl M.W. 353.63
P-093 100 µg/mL
1 mL Acetonitrile



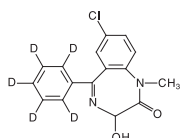
Phenazepam
CAS No. 51753-57-2
C15H10N2OBrCl M.W. 349.61
P-080 1.0 mg/mL
1 mL Acetonitrile



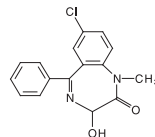
Prazepam-D₅
CAS No. 152477-89-9
C19H12D5N2OCl M.W. 329.77
P-095 100 µg/mL
1 mL Methanol



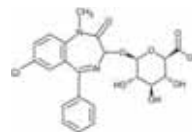
Prazepam
CAS No. 2955-38-6
C19H17ClN2O M.W. 324.81
P-906 1.0 mg/mL
1 mL Methanol



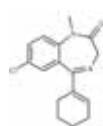
Temazepam-D₅
CAS No. 136765-51-0
C16H9ClD5N2O2 M.W. 305.70
T-902 100 µg/mL
1 mL Methanol
T-912 1.0 mg/mL
1 mL Methanol



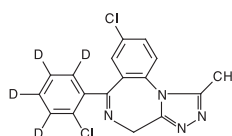
Temazepam
CAS No. 846-50-4
C16H13ClN2O2 M.W. 300.74
T-907 1.0 mg/mL
1 mL Methanol



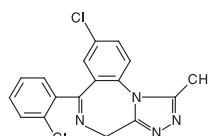
Temazepam glucuronide lithium salt
C27H20ClLiN2O8 M.W. 482.80
T-050 100 µg/mL (as free acid)
1 mL Methanol



Tetrazepam
CAS No. 10379-14-3
C16H17ClN2O M.W. 288.77
B110269-100 100 mg[†]



Triazolam-D₄
CAS No. 145225-04-3
C17H9Cl2D4N4 M.W. 347.18
T-908 100 µg/mL
1 mL Methanol



Triazolam
CAS No. 28911-01-5
C17H12Cl2N4 M.W. 343.21
T-910 1.0 mg/mL
1 mL Methanol

Valium
(see Diazepam, page 44)

Xanax
(see Alprazolam, page 42)

cannabinoids

Cannabinoids are a class of psychoactive substances that are among the most widely abused and readily available drugs in the world.¹ These drugs can produce intense psychological and physiological effects including auditory and visual hallucinations, anxiety, and euphoria. A growing body of research suggests that cannabinoids may offer therapeutic efficacy in the treatment of many ailments from arthritis and chronic pain to glaucoma, epilepsy, and cancer.²

According to a recent European Monitoring Centre for Drugs and Drug Addiction (EMCDDA) report, synthetic cannabinoids constitute the fastest growing and most popular group of novel psychoactive substances (NPS) worldwide.³ Designed specifically to circumvent drug control legislation, synthetic cannabinoids mimic naturally occurring cannabinoids such as Δ^9 -tetrahydrocannabinol (THC) and are associated with an increased risk of mortality as a result of high potency and lack of quality control during manufacture. To counter this ongoing threat, governments from Asia to Europe and the United States (US) have passed regulations to control synthetic cannabinoids.³

The market for recreational and medicinal cannabinoids in the US, facilitated by changes in state laws towards legalization and decriminalization of *Cannabis*, has expanded rapidly with sales increasing by 74 percent in 2014 to \$2.7 billion, up from \$1.5 billion in 2013.⁴ It is estimated that the legal market for *Cannabis* in the US could be worth \$11 billion by 2019.⁴

Because of their prevalence in drugged driving and medicolegal investigations, cannabinoids are routinely analyzed using GC/MS and LC/MS methods in forensic and clinical toxicology applications including postmortem, urine, and confirmatory drug testing.⁵ In North America and Europe, medical *Cannabis* testing laboratories have introduced chromatographic and mass spectrometry-based methods to quantify cannabinoids in medical and recreational *Cannabis* to assess potency and specific therapeutic benefit.⁶

1. <http://www.unodc.org/wdr2014/>

2. Armentano, P.; Carter, G.; Sulak, D.; Goldstein, E. T.: Emerging Clinical Applications For Cannabis and Cannabinoids: A Review of the Recent Scientific Literature. Sixth Edition. 2014.

3. http://www.ab.gov.tr/files/ardb/evt/european_drug_report_2014.pdf

4. http://www.huffingtonpost.com/chris-weigant/marijuana-grows-up_b_6551216.html

5. <http://www.testcountry.com/wiki/what-is-synthetic-marijuana.html>

6. http://www.emcdda.europa.eu/attachements.cfm/att_53383_EN_emcdda-cannabis-mon-vol1-ch14-web.pdf

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

AM-678
[see JWH-018 (Spice Cannabinoid),
page 48]

AM-1220
[see 1-[(1-Methylpiperidin-2-yl)methyl]-
3-(1-naphthoyl)-indole (AM1220), page
49]

AM-1248
CAS No. 335160-66-2
 $C_{26}H_{34}N_2O$ M.W. 390.57
S-063 100 µg/mL
1 mL Methanol

A-796260 **NEW**
CAS No. 895155-26-7
 $C_{22}H_{30}N_2O_2$ M.W. 354.49
S-064 100 µg/mL
1 mL Methanol

AM 2201 **NEW**
CAS No. 335161-24-5
 $C_{24}H_{22}FNO$ M.W. 359.40
NMID983 20 mg[†]

**AM-2201 4-Hydroxypentyl
metabolite-D₅ (indole-D₅)**
 $C_{24}H_{17}D_5FNO_2$ M.W. 380.47
S-058 100 µg/mL
1 mL Methanol

**AM-2201 4-Hydroxypentyl
metabolite**
 $C_{24}H_{22}FNO_2$ M.W. 375.44
S-059 100 µg/mL
1 mL Methanol

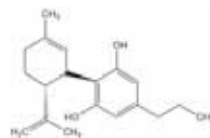
Cannabichromene (CBC) **NEW**
CAS No. 20675-51-8
 $C_{21}H_{30}O_2$ M.W. 314.46
C-143 1.0 mg/mL
1 mL Methanol

Cannabidiol-D₃
CAS No. 13956-29-1
 $C_{21}H_{27}D_3O_2$ M.W. 317.44
C-084 100 µg/mL
1 mL Methanol

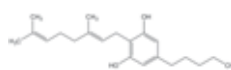
Cannabidiol
CAS No. 13956-29-1
 $C_{21}H_{30}O_2$ M.W. 314.47
C-045 1.0 mg/mL
1 mL Methanol
NMID512 50 mg[†]

Cannabinol-D₃
 $C_{21}H_{23}D_3O_2$ M.W. 313.45
C-115 100 µg/mL
1 mL Methanol

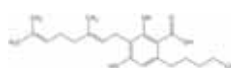
Cannabidiolic acid (CBDA) **NEW**
CAS No. 1244-58-2
 $C_{22}H_{30}O_4$ M.W. 358.47
C-144 1.0 mg/mL
1 mL Acetonitrile



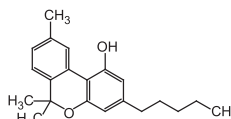
Cannabidivarin (CBDV) **NEW**
CAS No. 24274-48-4
 $C_{19}H_{26}O_2$ M.W. 286.41
C-140 1.0 mg/mL
1 mL Methanol



Cannabigerol (CBG) **NEW**
CAS No. 25654-31-3
 $C_{21}H_{32}O_2$ M.W. 316.48
C-141 1.0 mg/mL
1 mL Methanol



Cannabigerolic acid (CBGA) **NEW**
CAS No. 25555-57-1
 $C_{22}H_{32}O_4$ M.W. 360.49
C-142 1.0 mg/mL
1 mL Acetonitrile



Cannabinol
CAS No. 521-35-7
 $C_{21}H_{26}O_2$ M.W. 310.44
C-046 1.0 mg/mL
1 mL Methanol

CBC
(see Cannabichromene, page 47)

CBD
(see Cannabidiol, page 47)

CBDA
(see Cannabidiolic acid, page 47)

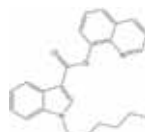
CBDV
(see Cannabidivarin, page 47)

CBG
(see Cannabigerol, page 47)

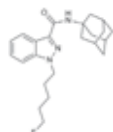
CBGA
(see Cannabigerolic acid, page 47)

CBN
(see Cannabinol, page 47)

Dronabinol
[see (-)-Δ⁹-THC, page 49;
(±)-Δ⁹-THC, page 49]



5-Fluoro PB-22
CAS No. 1400742-41-7
 $C_{23}H_{21}FN_2O_2$ M.W. 376.43
S-075 100 µg/mL
1 mL Acetonitrile

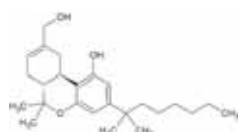


5-Fluoro-AKB **NEW**
CAS No. 1400742-13-3
 $C_{23}H_{30}FN_2O$ M.W. 383.50
NMID1020 10 mg[†]

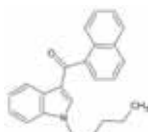
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

5F-PB-22
(see 5-Fluoro PB-22, page 47)

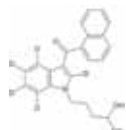
5-Fluoro-UR-144
(see XLR-11, page 50)



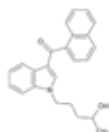
HU-210 (Spice Cannabinoid)
CAS No. 112830-95-2
 $C_{25}H_{38}O_3$ M.W. 386.60
S-024 100 µg/mL
1 mL Methanol



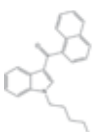
JWH-018 (Spice Cannabinoid)
CAS No. 209414-07-3
 $C_{24}H_{23}NO$ M.W. 341.45
S-025 100 µg/mL
1 mL Methanol



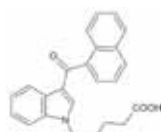
JWH-018 4-Hydroxypentyl metabolite-D₅ (indole-D₅)
 $C_{24}H_{18}D_5NO_2$ M.W. 362.48
S-039 100 µg/mL
1 mL Methanol



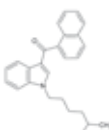
JWH-018 4-Hydroxypentyl metabolite
 $C_{24}H_{23}NO_2$ M.W. 357.44
S-035 100 µg/mL
1 mL Methanol



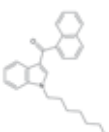
JWH-018 5-Hydroxypentyl metabolite
 $C_{24}H_{23}NO_2$ M.W. 357.43
S-054 100 µg/mL
1 mL Methanol



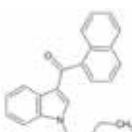
JWH-018 5-Pentanoic acid metabolite
 $C_{24}H_{21}NO_3$ M.W. 371.43
S-033 100 µg/mL
1 mL Methanol



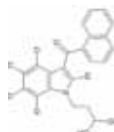
JWH-019 5-Hydroxyhexyl metabolite
 $C_{25}H_{25}NO_2$ M.W. 371.47
S-044 100 µg/mL
1 mL Methanol



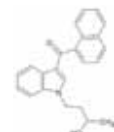
JWH-019 6-Hydroxyhexyl metabolite
 $C_{25}H_{25}NO_2$ M.W. 371.47
S-043 100 µg/mL
1 mL Methanol



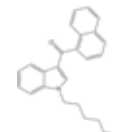
JWH-073 (Spice Cannabinoid)
CAS No. 208987-48-8
 $C_{23}H_{21}NO$ M.W. 327.40
S-027 100 µg/mL
1 mL Acetonitrile



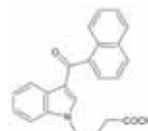
JWH-073 3-Hydroxybutyl metabolite-D₅ (indole-D₅)
 $C_{23}H_{16}D_5NO_2$ M.W. 348.45
S-040 100 µg/mL
1 mL Methanol



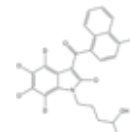
JWH-073 3-Hydroxybutyl metabolite
 $C_{23}H_{21}NO_2$ M.W. 343.42
S-037 100 µg/mL
1 mL Methanol



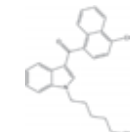
JWH-073 4-Hydroxybutyl metabolite
 $C_{23}H_{21}NO_2$ M.W. 343.42
S-053 100 µg/mL
1 mL Methanol



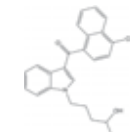
JWH-073 4-Butanoic acid metabolite
 $C_{23}H_{19}NO_3$ M.W. 357.40
S-036 100 µg/mL
1 mL Methanol



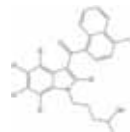
JWH-122 4-Hydroxypentyl metabolite-D₅ (indole-D₅)
 $C_{25}H_{20}D_5NO_2$ M.W. 376.50
S-056 100 µg/mL
1 mL Methanol



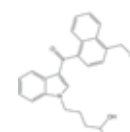
JWH-122 4-Hydroxypentyl metabolite
 $C_{25}H_{25}NO_2$ M.W. 371.48
S-049 100 µg/mL
1 mL Methanol



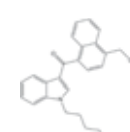
JWH-122 5-Hydroxypentyl metabolite
 $C_{25}H_{25}NO_2$ M.W. 371.48
S-050 100 µg/mL
1 mL Methanol



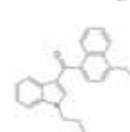
JWH-210 4-Hydroxypentyl metabolite-D₅ (indole-D₅)
 $C_{26}H_{22}D_5NO_2$ M.W. 390.53
S-057 100 µg/mL
1 mL Methanol



JWH-210 4-Hydroxypentyl metabolite
 $C_{26}H_{27}NO_2$ M.W. 385.50
S-052 100 µg/mL
1 mL Methanol

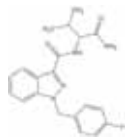


JWH-210 5-Hydroxypentyl metabolite
 $C_{26}H_{27}NO_2$ M.W. 385.50
S-051 100 µg/mL
1 mL Methanol

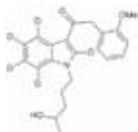


JWH-210
CAS No. 824959-81-1
 $C_{26}H_{27}NO$ M.W. 369.50
NMID984 5 mg[†]

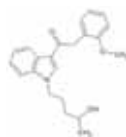
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



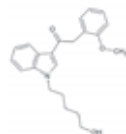
AB-FUBINACA
 $C_{20}H_{27}FN_4O_2$ M.W. 368.41
S-065 100 µg/mL
 1 mL Methanol



JWH-250 4-Hydroxypentyl metabolite-D₅ (indole-D₅)
 $C_{22}H_{30}D_5NO_3$ M.W. 356.47
S-055 100 µg/mL
 1 mL Methanol



JWH-250 4-Hydroxypentyl metabolite
 $C_{22}H_{25}NO_3$ M.W. 351.44
S-046 100 µg/mL
 1 mL Methanol

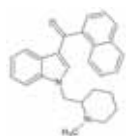


JWH-250 5-Hydroxypentyl metabolite
 $C_{22}H_{25}NO_3$ M.W. 351.44
S-045 100 µg/mL
 1 mL Methanol

KM-X1
 (see UR-144, page 50)

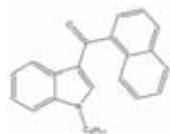
LTI-258
 (see A-796260, page 47)

Marinol
 [see (-)-D₉-THC, page 49; (±)-D₉-THC, page 49]

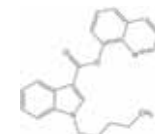


1-[(1-Methylpiperidin-2-yl)methyl]-3-(1-naphthoyl)-indole (AM1220)
 CAS No. 137642-54-7
 $C_{26}H_{26}N_2O$ M.W. 382.50
NMID982 20 mg[†]

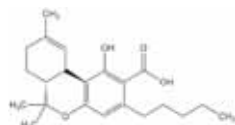
MN-001
 (see UR-144, page 50)



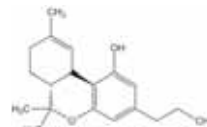
N-Pentyl-3-(1-naphthoyl)indole
 CAS No. 209414-07-3
 $C_{24}H_{23}NO$ M.W. 341.50
NMID955 20 mg[†]



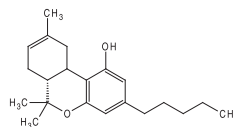
PB-22
 CAS No. 1400742-17-7
 $C_{23}H_{22}N_2O_2$ M.W. 358.44
S-076 100 µg/mL
 1 mL Acetonitrile



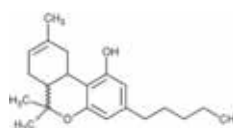
Δ⁹-Tetrahydrocannabinolic acid A (THCA-A) **NEW**
 CAS No. 23978-85-0
 $C_{22}H_{30}O_4$ M.W. 358.48
T-093 1.0 mg/mL
 1 mL Acetonitrile



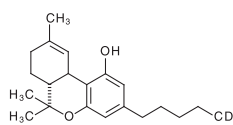
Tetrahydrocannabivarin (THCV) **NEW**
 CAS No. 31262-37-0
 $C_{19}H_{26}O_2$ M.W. 286.41
T-094 1.0 mg/mL
 1 mL Methanol



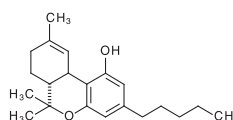
(-)-Δ⁸-THC
 CAS No. 5957-75-5
 $C_{21}H_{30}O_2$ M.W. 314.47
T-032 1.0 mg/mL
 1 mL Methanol



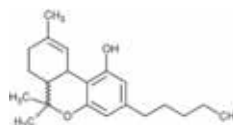
(±)-Δ⁸-THC
 CAS No. 6087-61-2
 $C_{21}H_{30}O_2$ M.W. 314.47
T-048 100 µg/mL
 1 mL Heptane
Qualitative use only



(-)-Δ⁹-THC-D₃
 CAS No. 81586-39-2
 $C_{21}H_{27}D_3O_2$ M.W. 317.44
T-003 100 µg/mL
 1 mL Methanol
T-011 1.0 mg/mL
 1 mL Methanol



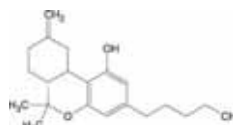
(-)-Δ⁹-THC
 CAS No. 1972-08-3
 $C_{21}H_{30}O_2$ M.W. 314.47
T-005 1.0 mg/mL
 1 mL Methanol



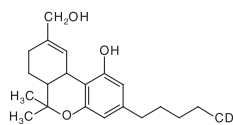
(±)-Δ⁹-THC
 CAS No. 6465-30-1
 $C_{21}H_{30}O_2$ M.W. 314.47
T-047 100 µg/mL
 1 mL Heptane
Qualitative use only

THCA-A
 (see Δ⁹-Tetrahydrocannabinolic acid A, page 49)

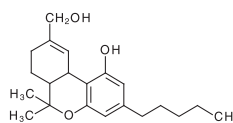
THCV
 (see Tetrahydrocannabivarin, page 49)



exo-THC
 CAS No. 27179-28-8
 $C_{21}H_{30}O_2$ M.W. 314.46
T-033 1.0 mg/mL
 1 mL Methanol



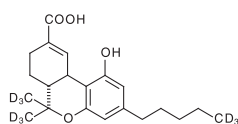
(±)-11-Hydroxy-Δ⁹-THC-D₃
 CAS No. 130410-26-3
 $C_{21}H_{27}D_3O_3$ M.W. 333.44
H-041 100 µg/mL
 1 mL Methanol



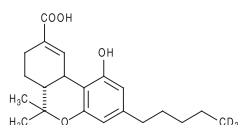
(±)-11-Hydroxy-Δ⁹-THC
 CAS No. 34675-49-5
 $C_{21}H_{30}O_3$ M.W. 330.47
H-026 100 µg/mL
 1 mL Methanol
H-027 1.0 mg/mL
 1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

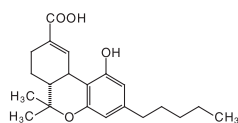
drugs, metabolites, impurities



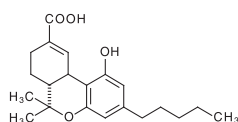
(±)-11-nor-9-Carboxy- Δ^9 -THC- D_3
 CAS No. 136765-52-1
 $C_{21}H_{19}D_9O_4$ M.W. 353.38
T-007 100 μ g/mL
 1 mL Methanol
T-009 1.0 mg/mL
 1 mL Methanol



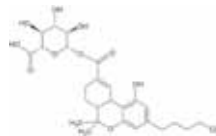
(±)-11-nor-9-Carboxy- Δ^9 -THC- D_3
 CAS No. 136844-96-7
 $C_{21}H_{19}D_9O_4$ M.W. 347.43
T-004 100 μ g/mL
 1 mL Methanol
T-008 1.0 mg/mL
 1 mL Methanol



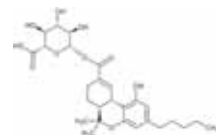
(-)-11-nor-9-Carboxy- Δ^9 -THC
 CAS No. 56354-06-4
 $C_{21}H_{28}O_4$ M.W. 344.45
T-018 100 μ g/mL
 1 mL Methanol
T-019 1.0 mg/mL
 1 mL Methanol
Suitable for use with immunoassay



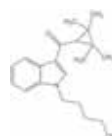
(±)-11-nor-9-Carboxy- Δ^9 -THC
 CAS No. 104874-50-2
 $C_{21}H_{28}O_4$ M.W. 344.45
T-006 100 μ g/mL
 1 mL Methanol
T-010 1.0 mg/mL
 1 mL Methanol
Racemic mixture - not to be used for immunoassay



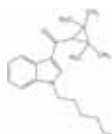
(±)-cis-11-Nor-9-carboxy- Δ^9 -THC- D_3 glucuronide
 $C_{27}H_{33}D_9O_{10}$ M.W. 523.59
T-080 100 μ g/mL
 1 mL Methanol



(+)-11-Nor- Δ^9 -THC-9-carboxylic acid glucuronide
 CAS No. 1362113-32-3
 $C_{27}H_{36}O_{10}$ M.W. 520.58
T-038 100 μ g/mL
 1 mL Methanol
Not to be used for immunoassay



UR-144
 CAS No. 1199943-44-6
 $C_{21}H_{29}NO$ M.W. 311.47
S-062 100 μ g/mL
 1 mL Methanol
NMID1014 5 mg[†] **NEW**



XLR-11
 CAS No. 1364933-54-9
 $C_{21}H_{28}FNO$ M.W. 329.22
S-061 100 μ g/mL
 1 mL Methanol



XLR-11 4-Hydroxypentyl metabolite- D_3 (indole- D_3) **NEW**
 $C_{21}H_{23}D_9FNO_2$ M.W. 350.49
S-081 100 μ g/mL
 1 mL Methanol



XLR-11 4-Hydroxypentyl metabolite **NEW**
 $C_{21}H_{28}FNO_2$ M.W. 345.45
S-080 100 μ g/mL
 1 mL Methanol

cardiac drugs

Cardiovascular diseases (CVDs) are the leading cause of death globally, accounting for 7.5 million deaths each year.¹ Worldwide, CVD prevalence is increasing, with countries such as China projecting a 73% increase in their CVD rates by 2030 and England projecting a 15% increase by 2020.^{2,3}

Cardiac drugs include vasodilators, beta blockers, antithrombotic agents, statins, and calcium channel blockers. These medications are prescribed for the treatment of cardiac arrhythmias, congestive heart failure, and hypertension. Nearly all cardiac drugs have a narrow therapeutic range requiring careful therapeutic drug monitoring (TDM) to minimize the adverse side effects associated with cardiac medications.⁴

Antiarrhythmics represent the largest class of cardiac drugs and are grouped into four classes. Class I drugs such as lidocaine, quinidine, and disopyramide block sodium channels, thereby reducing arrhythmia. Class II cardioactive medicines like propranolol are beta-adrenergic blocking agents used to treat high blood pressure, chest pain and arrhythmia. Class III cardiac pharmaceuticals are potassium channel blockers used to treat supraventricular and life-threatening ventricular arrhythmias. Class IV drugs, including verapamil, are calcium channel blockers that treat hypertension, angina pectoris, cardiac arrhythmia, and cluster headaches.

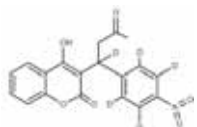
1. http://www.nature.com/nrd/journal/v13/n8/full/nrd4365.html?WT.ec_id=NRD-201408

2. <http://newsroom.heart.org/news/1026>

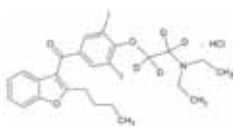
3. <http://www.kingsfund.org.uk/time-to-think-differently/trends/disease-and-disability/non-communicable-diseases/heart>

4. Amitava D. Advances in Chromatographic Techniques for Therapeutic Drug Monitoring. Florida, Taylor & Francis, 2010

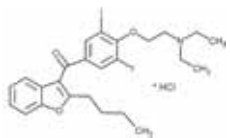
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



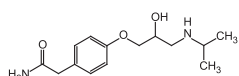
Acenocoumarol-D₅
C₁₉H₁₀D₅NO₆ M.W. 358.36
B130001-10 10 mg[†]



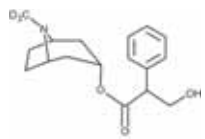
Amiodarone-D₄ HCl
CAS No. 1216715-80-8
C₂₅H₂₅D₄I₂NO₃ · HCl M.W. 685.80
A-083 100 µg/mL (as free base)
1 mL Methanol



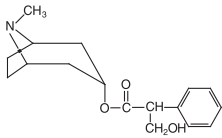
Amiodarone HCl
CAS No. 19774-82-4
C₂₅H₂₉I₂NO₃ · HCl M.W. 681.77
A-060 1.0 mg/mL (as free base)
1 mL Methanol



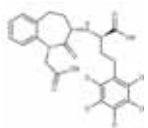
Atenolol
CAS No. 29122-68-7
C₁₄H₂₂N₂O₃ M.W. 266.34
A-072 1.0 mg/mL
1 mL Acetonitrile



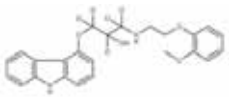
Atropine-D₃
CAS No. 60365-55-1
C₁₇H₂₃D₃NO₃ M.W. 292.39
A-077 100 µg/mL
1 mL Acetonitrile



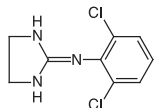
Atropine
CAS No. 51-55-8
C₁₇H₂₃NO₃ M.W. 289.37
A-046 1.0 mg/mL
1 mL Acetonitrile



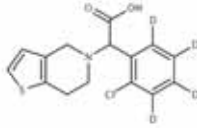
Benazeprilat-D₅
C₂₂H₁₉D₅N₂O₅ M.W. 401.47
B140104-10 10 mg[†]



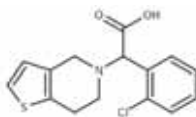
Carvedilol-D₅
CAS No. 72956-09-3
C₂₄H₂₁D₅N₂O₄ M.W. 411.51
B130298-10 10 mg[†]



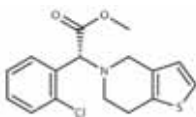
Clonidine
CAS No. 4205-90-7
C₉H₉Cl₂N₃ M.W. 230.10
C-033 1.0 mg/mL
1 mL Methanol



Clopidogrel acid-D₄ HCl
C₁₅H₁₀D₄ClNO₂S M.W. 311.82
B140111-10 10 mg[†]

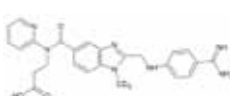


Clopidogrel acid HCl
CAS No. 144750-42-5
C₁₅H₁₄ClNO₂S M.W. 307.80
B120110-25 25 mg[†]

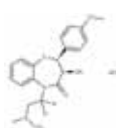


Clopidogrel hydrogen sulfate
CAS No. 113665-84-2
C₁₆H₁₆ClNO₂S M.W. 321.82
B110109-500 500 mg[†]

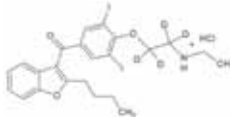
Coumadin
(see Warfarin, page 53)



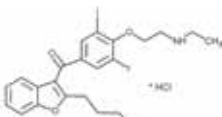
Dabigatran-D₃
CAS No. 1246817-44-6
C₂₅H₂₅D₃N₇O₃ M.W. 474.50
D-099 100 µg/mL
1 mL Acetonitrile with
10% 0.01 N HCl



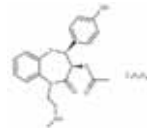
Desacetyldiltiazem-D₅ HCl
C₂₀H₁₉D₅N₂O₃S · HCl M.W. 413.97
B140012-10 10 mg[†]



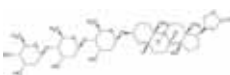
N-Desethylamiodarone-D₄ HCl
CAS No. 1189960-80-2
C₂₃H₂₁D₄I₂NO₃ · HCl M.W. 657.74
D-056 100 µg/mL (as free base)
1 mL Methanol



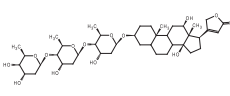
N-Desethylamiodarone HCl
CAS No. 96027-74-6
C₂₃H₂₅I₂NO₃ · HCl M.W. 653.72
D-055 1.0 mg/mL (as free base)
1 mL Methanol



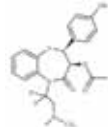
N-Desmethyldiltiazem maleate
CAS No. 86408-45-9
C₂₀H₂₂N₂O₄S · C₄H₄O₄ M.W. 502.54
B120014-100 100 mg[†]



Digitoxin
CAS No. 71-63-6
C₄₁H₆₄O₁₃ M.W. 764.94
D-067 1.0 mg/mL
1 mL Methanol



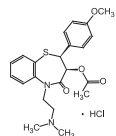
Digoxin
CAS No. 20830-75-5
C₄₁H₆₄O₁₄ M.W. 780.94
D-029 1.0 mg/mL
1 mL Methanol



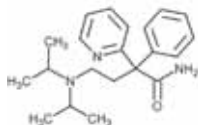
Diltiazem-D₅ HCl
C₂₁H₁₉D₅N₂O₄S M.W. 405.52
B130020-10 10 mg[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

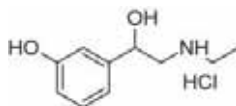
drugs, metabolites, impurities



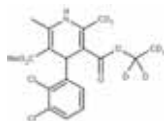
Diltiazem HCl
CAS No. 33286-22-5
 $C_{22}H_{26}N_2O_4S \cdot HCl$ M.W. 450.98
D-035 1.0 mg/mL (as free base)
1 mL Acetonitrile



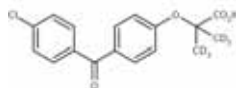
Disopyramide
CAS No. 3737-09-5
 $C_{21}H_{29}N_3O$ M.W. 339.47
D-054 1.0 mg/mL
1 mL Methanol



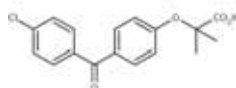
Etilefrine HCl
CAS No. 943-17-9
 $C_{10}H_{15}NO_2 \cdot HCl$ M.W. 217.70
NMIM880 10 mg[†]
1 mL Methanol



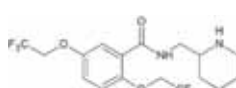
Felodipine-D₈
 $C_{18}H_{11}D_8Cl_2NO_4$ M.W. 392.30
B130310-10 10 mg[†]



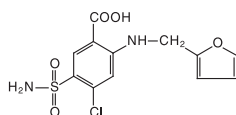
Fenofibric acid-D₆
 $C_{17}H_{15}D_6ClO_4$ M.W. 324.79
B140122-10 10 mg[†]



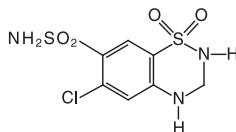
Fenofibric acid
CAS No. 42017-89-0
 $C_{17}H_{15}ClO_4$ M.W. 318.75
B120121-100 100 mg[†]



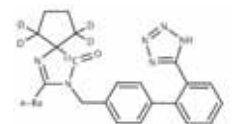
(±)-Flecainide
CAS No. 54143-55-4
 $C_{17}H_{20}F_6N_2O_3$ M.W. 414.34
F-017 1.0 mg/mL
1 mL Methanol



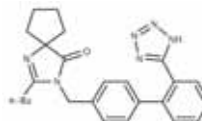
Furosemide
CAS No. 54-31-9
 $C_{12}H_{11}ClN_2O_5S$ M.W. 330.75
F-005 1.0 mg/mL
1 mL Methanol



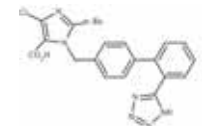
Hydrochlorothiazide
CAS No. 58-93-5
 $C_7H_8ClN_3O_4S_2$ M.W. 297.74
H-001 1.0 mg/mL
1 mL Methanol



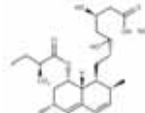
Irbesartan-¹³C,^D₄
 $C_{24}^{13}H_{24}D_4N_6O$ M.W. 433.55
B130128-10 10 mg[†]



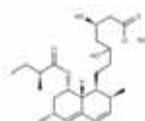
Irbesartan
CAS No. 138402-11-6
 $C_{25}H_{28}N_6O$ M.W. 428.53
B110127-100 100 mg[†]



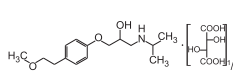
Losartan acid
CAS No. 124750-92-1
 $C_{22}H_{21}ClN_5O_2$ M.W. 436.89
B120134-50 50 mg[†]



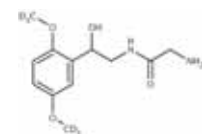
Lovastatin acid-D₃ ammonium salt
 $C_{24}H_{33}D_3O_5 \cdot NH_4$ M.W. 443.61
B140135-5 5 mg[†]



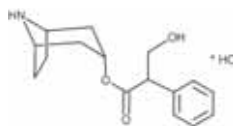
Lovastatin acid ammonium salt
CAS No. 77550-67-5
 $C_{24}H_{37}O_5 \cdot NH_4$ M.W. 439.59
B120030-100 100 mg[†]



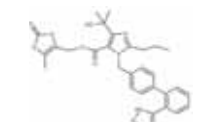
Metoprolol tartrate
CAS No. 56392-17-7
 $C_{16}H_{25}NO_3 \cdot [C_4H_6O_6]_{1/2}$ M.W. 342.42
M-123 1.0 mg/mL (as free base)
1 mL Methanol



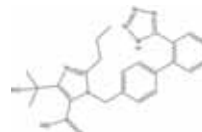
Midodrine-D₆ HCl
CAS No. 3092-17-9
 $C_{12}H_{12}D_6N_2O_4$ M.W. 260.32
B130334-10 10 mg[†]



Noratropine HCl
CAS No. 537-29-1
 $C_{16}H_{21}NO_3 \cdot HCl$ M.W. 311.80
N-057 1.0 mg/mL (as free base)
1 mL Methanol



Olmesartan medoxomil
CAS No. 144689-63-4
 $C_{26}H_{30}N_6O_6$ M.W. 558.59
B110259-100 100 mg[†]

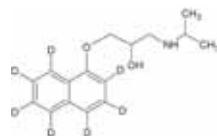


Olmesartan Acid
CAS No. 144689-24-7
 $C_{24}H_{26}N_6O_3$ M.W. 446.50
B120760-100 100 mg[†]

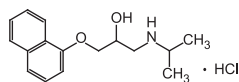
Pradaxa
(see Dabigatran-D₃, page 51)

Prazaxa
(see Dabigatran-D₃, page 51)

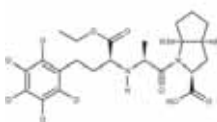
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



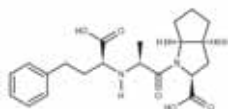
Propranolol-D₇ (ring-D₇)
CAS No. 344298-99-3
 $C_{16}H_{14}D_7NO_2$ M.W. 266.39
P-085 100 µg/mL
1 mL Methanol
with 5% 1 M HCl



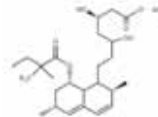
Propranolol HCl
CAS No. 318-98-9
 $C_{16}H_{21}NO_2 \cdot HCl$ M.W. 295.81
P-055 1.0 mg/mL (as free base)
1 mL Methanol



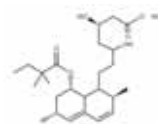
Ramipril-D₅
 $C_{23}H_{27}D_5N_2O_5$ M.W. 421.54
B130149-10 10 mg[†]



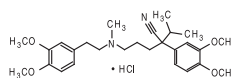
Ramiprilat
CAS No. 87269-97-4
 $C_{21}H_{28}N_2O_5$ M.W. 388.46
B120147-100 100 mg[†]



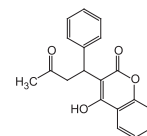
Simvastatin acid-D₃ ammonium salt
 $C_{25}H_{36}D_3O_6 \cdot NH_4$ M.W. 456.63
B140041-10 10 mg[†]



Simvastatin acid ammonium salt
CAS No. 139893-43-9
 $C_{25}H_{37}O_6 \cdot NH_4$ M.W. 453.61
B120040-100 100 mg[†]



Verapamil HCl
CAS No. 152-11-4
 $C_{27}H_{38}N_2O_4 \cdot HCl$ M.W. 491.07
V-002 1.0 mg/mL (as free base)
1 mL Methanol



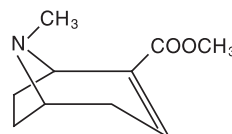
Warfarin
CAS No. 81-81-2
 $C_{19}H_{16}O_4$ M.W. 308.33
W-003 1.0 mg/mL
1 mL Acetonitrile

cocaine analogs

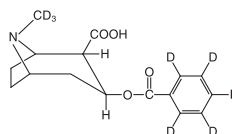
Cocaine is one of the most widespread illicit drugs in the world. Cocaine and its analogs are powerful nervous system stimulants that have been linked with psychological dependence and repeat and impulsive abuse. The 2014 World Drug Report from the United Nations Office on Drugs and Crime (UNODC) found an increased prevalence of cocaine use in Africa and Asia.¹ Meanwhile, established cocaine markets in North America and Western and Central Europe have seen the emergence of uncontrolled cocaine analogs in novel psychoactive substance blends (NPS).² 4-Fluorotropacocaine is one such cocaine analog that has been found in NPS blends as a result of its uncontrolled status and stimulant properties.²

Historically, GC/MS techniques have been used for the toxicological analysis of cocaine and its metabolites including benzoylecgonine (BE), cocaethylene (CE), ecgonine methylester (EME) and norcocaine (NOR).³ These metabolites are also reported as impurities in cocaine, which studies suggest, prevents the analysis of cocaine in hair. The use of hair as an analytical matrix is preferable to other matrices since it provides a large surveillance window of cocaine use depending on the length of the hair strand.^{3,4}

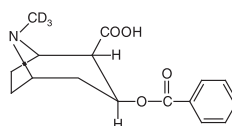
Over the past several years, testing laboratories have developed LC-MS/MS methods that use cocaine N-oxide, a thermally labile cocaine metabolite that readily degrades on column when analyzed by GC/MS methods.⁴ Recent studies have suggested that cocaine N-oxide is preferred over other biomarkers for cocaine use in hair because it's less affected by external contamination than traditional cocaine metabolites.⁴



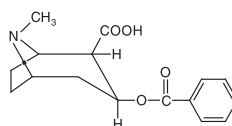
Anhydroecgonine methyl ester
CAS No. 43021-26-7
 $C_{10}H_{15}NO_2$ M.W. 181.23
A-034 1.0 mg/mL
1 mL Acetonitrile



Benzoylecgonine-D₈
CAS No. 205446-21-5
 $C_{16}H_{11}D_8NO_4$ M.W. 297.27
B-013 100 µg/mL
1 mL Methanol
B-014 1.0 mg/mL
1 mL Methanol



Benzoylecgonine-D₃
CAS No. 115732-68-8
 $C_{16}H_{16}D_3NO_4$ M.W. 292.31
B-001 100 µg/mL
1 mL Methanol
B-008 1.0 mg/mL
1 mL Methanol



Benzoylecgonine
CAS No. 519-09-5
 $C_{16}H_{19}NO_4$ M.W. 289.33
B-007 100 µg/mL
1 mL Methanol
B-004 1.0 mg/mL
1 mL Methanol
NMID745 50 mg[†]

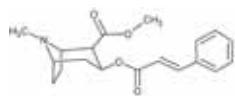
1. <http://www.unodc.org/wdr2014/>

2. <http://www.emcdda.europa.eu/publications/drug-profiles/synthetic-cocaine-derivatives>

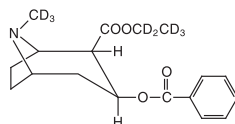
3. <http://www.ncbi.nlm.nih.gov/pubmed/19653939>

4. <http://www.ncbi.nlm.nih.gov/pubmed/24782141>

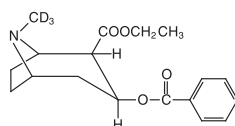
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



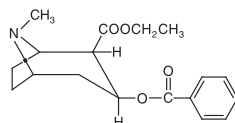
Benzoylcocaine ethyl ester
(see Cocaethylene, page 54)



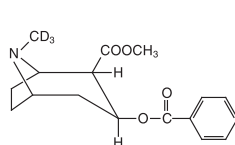
trans-Cinnamoylcocaine
CAS No. 50763-20-7
 $C_{19}H_{23}NO_4$ M.W. 329.30
NMID468 20 mg[†]



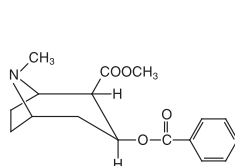
Cocaethylene-D₈
CAS No. 152521-09-0
 $C_{18}H_{15}D_8NO_4$ M.W. 325.32
C-024 100 µg/mL
1 mL Acetonitrile



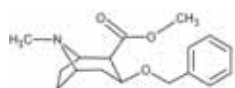
Cocaethylene-D₃
CAS No. 136765-30-5
 $C_{18}H_{20}D_3NO_4$ M.W. 320.36
C-009 100 µg/mL
1 mL Acetonitrile



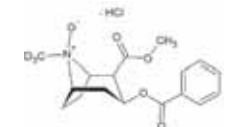
Cocaine-D₃
CAS No. 529-38-4
 $C_{18}H_{21}NO_4$ M.W. 317.38
C-010 1.0 mg/mL
1 mL Acetonitrile



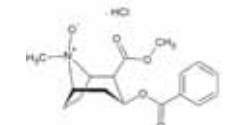
Cocaine
CAS No. 50-36-2
 $C_{17}H_{21}NO_4$ M.W. 303.36
C-008 1.0 mg/mL
1 mL Acetonitrile
NMID826 50 mg[†]



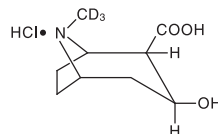
Cocaine HCl
CAS No. 53-21-4
 $C_{17}H_{22}NO_4Cl$ M.W. 339.80
NMID747B 20 mg[†]



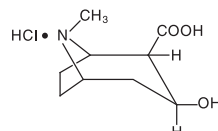
Cocaine N-oxide-D₃ HCl
 $C_{17}H_{18}D_3NO_5 \cdot HCl$ M.W. 358.79
C-120 100 µg/mL (as free base)
1 mL Acetonitrile
Not suitable for use with GC/MS



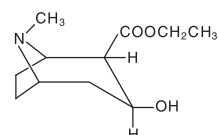
Cocaine N-oxide HCl
 $C_{17}H_{21}NO_5 \cdot HCl$ M.W. 355.81
C-119 1.0 mg/mL (as free base)
1 mL Acetonitrile
Not suitable for use with GC/MS



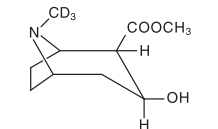
Ecgonine-D₃ HCl
CAS No. 115144-41-7
 $C_9H_{12}D_3NO_3 \cdot HCl$ M.W. 224.66
E-003 100 µg/mL (as free base)
1 mL Methanol



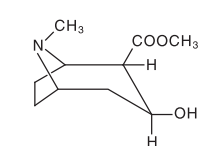
Ecgonine HCl
CAS No. 5796-31-6
 $C_9H_{15}NO_3 \cdot HCl$ M.W. 221.68
E-004 1.0 mg/mL (as free base)
1 mL Methanol
NMID746 50 mg[†]



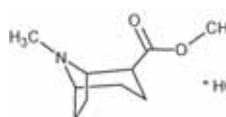
Ecgonine ethyl ester
CAS No. 70939-97-8
 $C_{11}H_{19}NO_3$ M.W. 213.28
E-019 1.0 mg/mL
1 mL Acetonitrile



Ecgonine methyl ester-D₃
CAS No. 136765-34-9
 $C_{10}H_{14}D_3NO_3$ M.W. 202.23
E-002 100 µg/mL
1 mL Acetonitrile



Ecgonine methyl ester
CAS No. 7143-09-1
 $C_{10}H_{17}NO_3$ M.W. 199.25
E-008 100 µg/mL
1 mL Acetonitrile
E-001 1.0 mg/mL
1 mL Acetonitrile

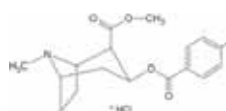


Ecgonine methyl HCl
CAS No. 38969-40-3
 $C_{10}H_{18}ClNO_3$ M.W. 235.70
NMID452 10 mg[†]

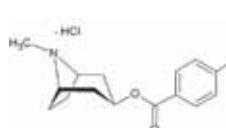
Ergamisol
[see (-)-Levamisole HCl, page 92]

FBT
(see 4-Fluorotropacocaine HCl, page 54)

pFBT
(see 4-Fluorotropacocaine HCl, page 54)

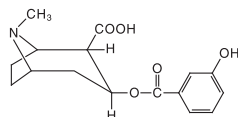


p-Fluorococaine HCl
CAS No. 134507-62-3
 $C_{17}H_{21}FNO_4Cl$ M.W. 357.80
NMID854 20 mg[†]

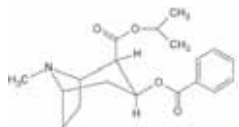


4-Fluorotropacocaine HCl
 $C_{15}H_{18}FNO_2 \cdot HCl$ M.W. 299.80
F-026 1.0 mg/mL (as free base)
1 mL 10% Water in Acetonitrile
NMID949 10 mg[†]

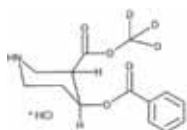
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



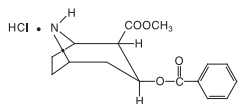
m-Hydroxybenzoylecgonine
CAS No. 129944-99-6
 $C_{16}H_{19}NO_5$ M.W. 305.33
H-017 1.0 mg/mL
1 mL Methanol



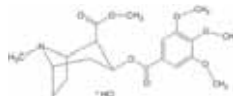
Isopropyl cocaine
CAS No. 137819-55-7
 $C_{19}H_{25}NO_4$ M.W. 331.40
NMID936 50 mg[†]



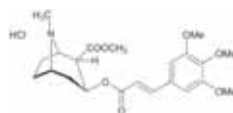
Norcocaine-D₃ HCl
 $C_{16}H_{16}D_3NO_4 \cdot HCl$ M.W. 328.77
N-034 100 µg/mL (as free base)
1 mL Acetonitrile



Norcocaine HCl
CAS No. 61585-22-6
 $C_{16}H_{19}NO_4 \cdot HCl$ M.W. 325.79
N-003 1.0 mg/mL (as free base)
1 mL Acetonitrile
NMID856 10 mg[†]



3,4,5-Trimethoxycocaine HCl
CAS No. 156301-59-6
 $C_{20}H_{28}NO_5Cl$ M.W. 429.90
NMID855 20 mg[†]



trans-3,4,5-Trimethoxycinnamoyl cocaine HCl
CAS No. 156407-24-8
 $C_{22}H_{30}NO_5Cl$ M.W. 455.90
NMID864 25 mg[†]

NEW



3,4,5-Trimethoxytropacocaine HCl
CAS No. 60820-69-1
 $C_{18}H_{26}ClNO_5$ M.W. 371.90
NMID858 10 mg[†]

NEW



Tropacocaine HCl
CAS No. 637-23-0
 $C_{15}H_{20}NO_2Cl$ M.W. 281.80
NMID846 20 mg[†]

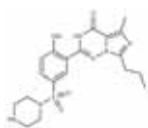
erectile dysfunction drugs

Erectile dysfunction drugs, also known as phosphodiesterase-5 inhibitors (PDE-5 inhibitors), form the first line treatment for male impotence and may have efficacy in the treatment of cardiovascular disease, diabetes and cancer.¹ PDE-5 inhibitors include drugs such as sildenafil (Viagra®), tadalafil (Cialis®), and vardenafil (Levitra®).

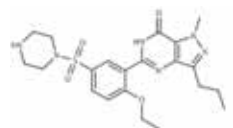
These drugs can produce a myriad of side effects, including tachycardia, priapism, heart attack, and life-threatening drug interactions with cardiac antiarrhythmic drugs.² Due to these adverse effects, erectile dysfunction drugs are routinely analyzed in forensic and clinical toxicology testing applications using GC/MS and LC-MS/MS methods.

Adulteration of dietary supplements and herbal products with PDE-5 inhibitors and their structurally modified analogs is prevalent. For example, a 2013 study conducted by Pfizer found that 81 percent of US dietary supplement and natural products claiming to have efficacy for male impotence were adulterated with pharmaceutical PDE-5 inhibitors.² Monitoring and quantification of erectile dysfunction drugs in natural products is therefore essential in ensuring consumer safety.³

Cialis
(see Tadalafil, page 55)

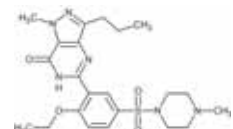


N-Desethylvardenafil
CAS No. 448184-46-1
 $C_{21}H_{28}N_6O_4S$ M.W. 460.55
B120115-25 25 mg[†]

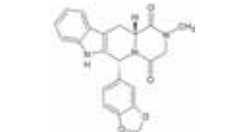


N-Desmethyilsildenafil
CAS No. 139755-82-1
 $C_{21}H_{28}N_6O_4S$ M.W. 460.55
B120017-50 50 mg[†]

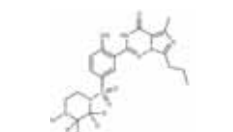
Levitra
(see Vardenafil diHCl, page 55)



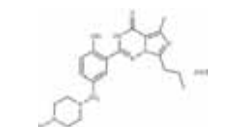
Sildenafil
CAS No. 139755-83-2
 $C_{22}H_{30}N_6O_4S$ M.W. 474.58
S-010 1.0 mg/mL
1 mL Methanol



Tadalafil
CAS No. 171596-29-5
 $C_{22}H_{19}N_3O_4$ M.W. 389.40
T-072 1.0 mg/mL
1 mL Acetonitrile



Vardenafil-D₄
 $C_{23}H_{28}D_4N_6O_4S$ M.W. 492.63
B130155-10 10 mg[†]



Vardenafil diHCl
CAS No. 224785-90-4
 $C_{23}H_{32}N_6O_4S \cdot 2HCl$ M.W. 561.52
V-902 1.0 mg/mL (as free base)
1 mL Methanol

Viagra
(see Sildenafil, page 55)

1. <http://www.ncbi.nlm.nih.gov/pubmed/25444755>

2. http://www.covance.com/content/dam/covance/assetLibrary/articles/PDE5%20Inhibitors%20Jan_Feb%202015.pdf

3. <http://www.fda.gov/downloads/forconsumers/consumerupdates/ucm143726.pdf>

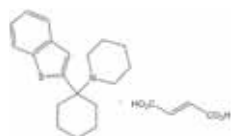
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

hallucinogens

From plant-based psychoactive substances, phencyclidine (PCP) derivatives, and tryptamines to lysergic acid diethylamide (LSD), **hallucinogens** – also known as psychedelics – remain popular drugs of abuse due to their ability to produce changes in thought and perception. The demand for hallucinogens has expanded over the last few years as a result of increased availability over the internet and the emergence of new, synthetic hallucinogens which circumvent drug abuse legislation.¹

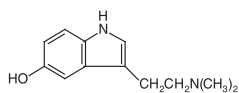
New psychoactive hallucinogens including Kratom, *Salvia divinorum*, khat and the phencyclidine derivatives 3-methoxy-PCP and 4-methoxy-PCP have also emerged recently as popular drugs of abuse. These agents produce sedating and anesthetizing effects in addition to distorting the sensory perceptions of users.^{2,3,4}

Synthetic substituted tryptamine analogs such as 5-methoxy-DMT, 5-methoxy-DALT, and 5-methoxy-AMT have also become popular among drug users with reports suggesting that use of synthetic tryptamines is replacing consumption of classical, naturally occurring hallucinogens.⁵ A 2014 global study that covered the UK, Australia, US, and Eurozone countries found that the number of new DMT consumers had exceeded the number of new drug abusers using ketamine, LSD, and hallucinogenic mushrooms.⁵

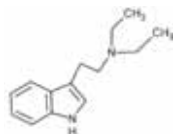


Benocyclidine fumarate **NEW**
CAS No. 143603-57-0
 $C_{19}H_{25}NS \cdot C_4H_4O_4$ M.W. 415.55
B-053 1.0 mg/mL (as free base)
1 mL Methanol

BCP
(see Benocyclidine fumarate, page 56)

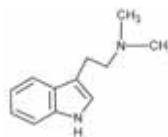


Bufotenine
CAS No. 487-93-4
 $C_{12}H_{16}N_2O$ M.W. 204.27
B-022 1.0 mg/mL
1 mL Acetonitrile



N,N-Diethyltryptamine
CAS No. 61-51-8
 $C_{14}H_{20}N_2$ M.W. 216.30
NMID675 20 mg[†]

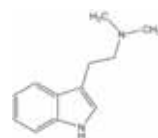
DMT
(see N,N-Dimethyltryptamine (DMT), page 56)



N,N-Dimethyltryptamine
CAS No. 61-50-7
 $C_{12}H_{16}N_2$ M.W. 188.30
NMID674 20 mg[†]

N,N-Dimethyl-5-methoxytryptamine
(see 5-MeO-DMT, page 57)

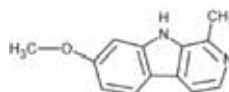
N,N-Diisopropyl-5-methoxytryptamine
(see 5-MeO-DiPT HCl, page 57)



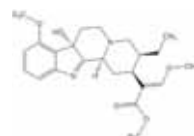
N,N-Dimethyltryptamine (DMT) **NEW**
CAS No. 61-50-7
 $C_{12}H_{16}N_2$ M.W. 188.27
D-102 1.0 mg/mL
1 mL Methanol

4-Hydroxy-DMT
(see Psilocin, page 58)

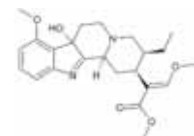
5-Hydroxy-DMT
(see Bufotenine, page 56)



Harmine
CAS No. 53942-89-5
 $C_9H_{12}NO_2Cl$ M.W. 201.70
NMID884 20 mg[†]



7-Hydroxymitragynine-D₃ **NEW**
 $C_{23}H_{27}D_3N_2O_5$ M.W. 417.51
H-109 100 µg/mL
1 mL 0.1 N Ammonia
in Methanol



7-Hydroxymitragynine
CAS No. 174418-82-7
 $C_{23}H_{30}N_2O_5$ M.W. 414.49
H-099 100 µg/mL
1 mL
0.1 N NH₃ in Methanol

Kratom
(see 7-Hydroxymitragynine, page 56;
Mitragynine, page 58)

Krypton
(see 7-Hydroxymitragynine, page 56;
Mitragynine, page 58)

1. <http://www.emcdda.europa.eu/edr2014>

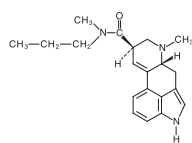
2. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3917651/>

3. <http://www.foxnews.com/health/2013/12/04/kratom-latest-legal-plant-based-high/>

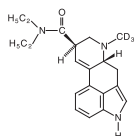
4. <http://www.telegraph.co.uk/education/universityeducation/student-life/9643077/Salvia-the-dangerous-legal-drug-taken-by-one-in-ten-students.html>

5. <http://link.springer.com/article/10.1007%2Fs00204-015-1513-x>

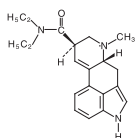
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



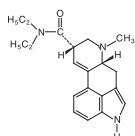
LAMPA
(Lysergic acid N,N-methylpropylamide)
CAS No. 40158-98-3
 $C_{20}H_{25}N_3O$ M.W. 323.44
L-007 25 µg/mL
1 mL Acetonitrile
L-004 1.0 mg/mL
1 mL Acetonitrile



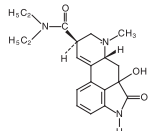
LSD-D₃
CAS No. 136765-38-3
 $C_{20}H_{22}D_3N_3O$ M.W. 326.41
L-002 100 µg/mL
1 mL Acetonitrile



LSD
CAS No. 50-37-3
 $C_{20}H_{25}N_3O$ M.W. 323.44
L-005 25 µg/mL
1 mL Acetonitrile
L-001 1.0 mg/mL
1 mL Acetonitrile

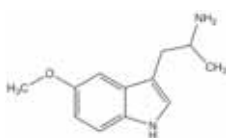


iso-LSD
(iso-Lysergic acid diethylamide)
CAS No. 2126-78-5
 $C_{20}H_{25}N_3O$ M.W. 323.44
I-010 100 µg/mL
1 mL Acetonitrile

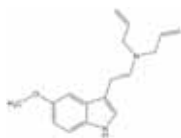


2-Oxo-3-hydroxy-LSD
(2-Oxo-3-hydroxy-lysergic acid diethylamide)
CAS No. 111295-09-1
 $C_{20}H_{25}N_3O_3$ M.W. 355.44
O-013 100 µg/mL
1 mL Acetonitrile

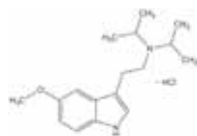
Lysergic acid diethylamide
(see LSD, page 57)



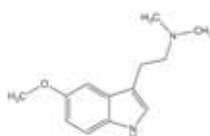
5-MeO-AMT **NEW**
CAS No. 1137-04-8
 $C_{12}H_{16}N_2O$ M.W. 204.27
M-169 1.0 mg/mL
1 mL Methanol



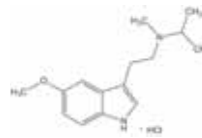
5-MeO-DALT **NEW**
CAS No. 928822-98-4
 $C_{17}H_{23}N_2O$ M.W. 270.37
M-165 1.0 mg/mL
1 mL Acetonitrile



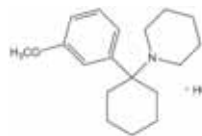
5-MeO-DiPT HCl **NEW**
CAS No. 2426-63-3
 $C_{17}H_{27}N_2O$ M.W. 310.86
M-167 1.0 mg/mL (as free base)
1 mL Methanol



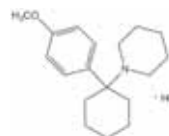
5-MeO-DMT **NEW**
CAS No. 1019-45-0
 $C_{13}H_{18}N_2O$ M.W. 218.29
M-168 1.0 mg/mL
1 mL Methanol



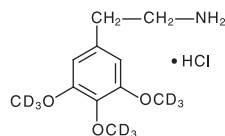
5-MeO-MIPT HCl **NEW**
CAS No. 96096-55-8
 $C_{15}H_{22}N_2O \cdot HCl$ M.W. 282.81
M-166 1.0 mg/mL (as free base)
1 mL Methanol



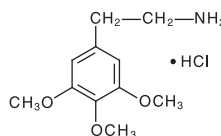
3-MeO-PCP HCl
CAS No. 91164-58-8
 $C_{18}H_{27}NO \cdot HCl$ M.W. 309.88
M-162 1.0 mg/mL (as free base)
1 mL Methanol



4-MeO-PCP HCl
CAS No. 2185-93-5
 $C_{18}H_{27}NO \cdot HCl$ M.W. 309.88
M-163 1.0 mg/mL (as free base)
1 mL Methanol

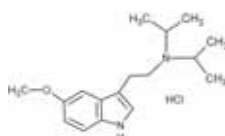


Mescaline-D₃ HCl
 $C_{11}H_9D_3NO_3 \cdot HCl$ M.W. 256.74
M-051 100 µg/mL (as free base)
1 mL Methanol

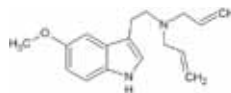


Mescaline HCl
CAS No. 832-92-8
 $C_{11}H_{17}NO_3 \cdot HCl$ M.W. 247.72
M-047 1.0 mg/mL (as free base)
1 mL Methanol

5-Methoxy-AMT
(see 5-MeO-AMT, page 57)



5-Methoxy-diisopropyltryptamine HCl
CAS No. 2426-63-3
 $C_{17}H_{27}N_2OCl$ M.W. 310.90
NMID923 1 mg[†]

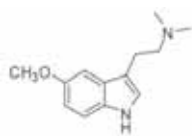


5-Methoxy-N,N-diallyltryptamine
CAS No. 928822-98-4
 $C_{17}H_{23}N_2O$ M.W. 270.40
NMID954 10 mg[†]

5-Methoxy-N,N-Diallyltryptamine
(see 5-MeO-DALT, page 57)

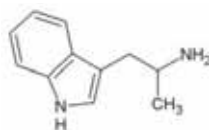
5-Methoxy-N-methyl-N-isopropyltryptamine
(see 5-MeO-MIPT HCl, page 57)

5-Methoxy-α-methyltryptamine
(see 5-MeO-AMT, page 57)

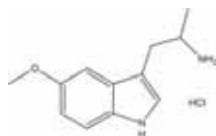


5-Methoxy-N,N-Dimethyltryptamine **NEW**
CAS No. 1019-45-0
 $C_{13}H_{18}N_2O$ M.W. 218.30
NMID999 10 mg[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



5-Methoxy-DALT
(see 5-MeO-DALT, page 57)

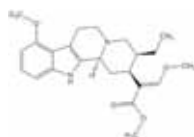


α-Methyltryptamine
CAS No. 299-26-3
 $C_{11}H_{14}N_2$ M.W. 174.2
NMID991 20 mg[†]

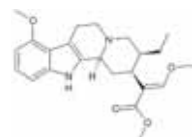
5-Methoxy-α-methyltryptamine HCl
CAS No. 1016-44-0
 $C_{12}H_{16}N_2O \cdot HCl$ M.W. 240.70
NMID996 20 mg[†]

3-Methoxyphencyclidine HCl
(see 3-MeO-PCP HCl, page 57)

4-Methoxyphencyclidine HCl
(see 4-MeO-PCP HCl, page 57)

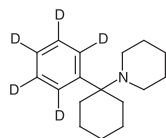


Mitragynine-D₃ **NEW**
 $C_{23}H_{27}D_3N_2O_4$ M.W. 401.51
M-182 100 µg/mL
1 mL Methanol

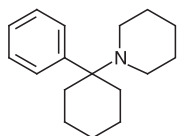


Mitragynine
CAS No. 4098-40-2
 $C_{23}H_{30}N_2O_4$ M.W. 398.52
M-152 100 µg/mL
1 mL Methanol

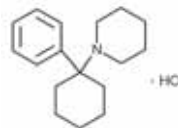
Moxxy
(see 5-MeO-DALT, page 57)



PCP-D₅
(Phencyclidine-D₅)
CAS No. 60124-86-9
 $C_{17}H_{20}D_5N$ M.W. 248.35
P-003 100 µg/mL
1 mL Methanol
P-006 1.0 mg/mL
1 mL Methanol



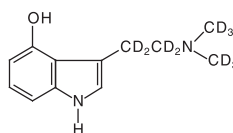
PCP
CAS No. 77-10-1
 $C_{17}H_{25}N$ M.W. 243.39
P-007 1.0 mg/mL
1 mL Methanol



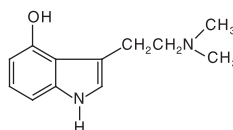
PCP HCl
CAS No. 956-90-1
 $C_{17}H_{26}NCl$ M.W. 279.90
NMID748 50 mg[†]

Peyote
(see Mescaline HCl, page 57)

Phencyclidine
(see PCP, page 58)

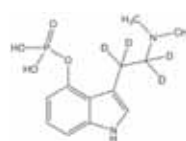


Psilocin-D₁₀ **NEW**
CAS No. 1435934-64-7
 $C_{12}H_8D_{10}N_2O$ M.W. 214.19
P-099 100 µg/mL
1 mL Acetonitrile
P-049 5 mg[†]
Controlled - DEA 222 Form required

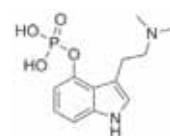


Psilocin
CAS No. 520-53-6
 $C_{12}H_{16}N_2O$ M.W. 204.27
P-098 1.0 mg/mL **NEW**
1 mL Acetonitrile
P-048 5 mg[†]
Controlled - DEA 222 Form required

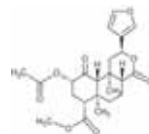
Salvia
(see Salvinorin A, page 58; Salvinorin B, page 58)



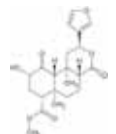
Psilocybin-D₄ **NEW**
CAS No. 1246819-43-1
 $C_{12}H_{13}D_4N_2O_4P$ M.W. 288.27
P-113 100 µg/mL
1 mL 1:1
Acetonitrile:Water



Psilocybin **NEW**
CAS No. 520-52-5
 $C_{12}H_{17}N_2O_4P$ M.W. 284.25
P-097 1.0 mg/mL
1 mL 1:1
Acetonitrile:Water



Salvinorin A
CAS No. 83729-01-5
 $C_{23}H_{28}O_8$ M.W. 432.46
S-012 1.0 mg/mL
1 mL Acetonitrile



Salvinorin B
CAS No. 92545-30-7
 $C_{21}H_{26}O_7$ M.W. 390.43
S-013 1.0 mg/mL
1 mL
10% Water in Acetonitrile

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

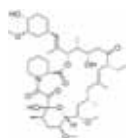
immunosuppressants

Worldwide, the number of organ transplants performed each year continues to increase.¹ **Immunosuppressants** assist in the long-term survival rates of organ transplant patients by modifying the immune response to minimize rejection of transplanted organs. Clinical testing laboratories play a critical role in supporting long-term survival rates through therapeutic drug monitoring (TDM) of immunosuppressants. TDM assists the physician in maintaining the delicate balance between toxicity and therapeutic levels of immunosuppressant dosing necessary to prevent organ rejection in patients.²

Many clinical laboratories have adopted LC-MS/MS technology for the quantitation of immunosuppressant levels in patient biological samples due to its improved sensitivity and specificity over immunoassay (IA) techniques. LC-MS/MS immunosuppressant methods offer an additional benefit of eliminating issues with cross reactivity of immunosuppressant metabolites that is common among IA methods.³

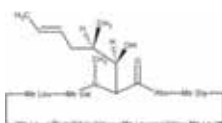
Advagraf
(see Tacrolimus, page 60)

Afinitor
(see Everolimus, page 59)

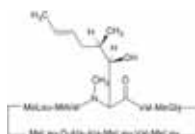


Ascomycin
CAS No. 104987-12-4
 $C_{43}H_{89}NO_{12}$ M.W. 792.01
A-094 1.0 mg/mL
1 mL Acetonitrile

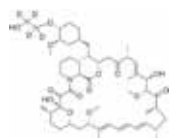
CellCept
(see Mycophenolic acid, page 59)



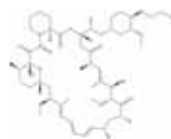
Cyclosporin A
CAS No. 59865-13-3
 $C_{62}H_{111}N_{11}O_{12}$ M.W. 1202.63
C-104 100 µg/mL
1 mL Acetonitrile
C-093 1.0 mg/mL
1 mL Acetonitrile



Cyclosporin D
CAS No. 63775-96-2
 $C_{63}H_{113}N_{11}O_{12}$ M.W. 1216.64
C-108 1.0 mg/mL
1 mL Acetonitrile



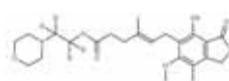
Everolimus-D₄
 $C_{53}H_{79}D_4NO_{14}$ M.W. 962.25
E-070 100 µg/mL
1 mL Acetonitrile



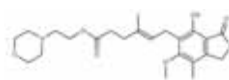
Everolimus
CAS No. 159351-69-6
 $C_{53}H_{83}NO_{14}$ M.W. 958.22
E-068 1.0 mg/mL
1 mL Acetonitrile

FK-506
(see Tacrolimus, page 60)

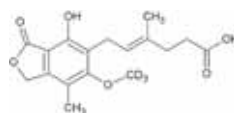
Fujimycin
(see Tacrolimus, page 60)



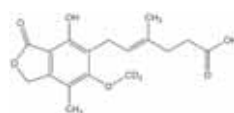
Mycophenolate mofetil-D₄
CAS No. 128794-94-5
 $C_{23}H_{31}NO_7$ M.W. 433.49
B130335-25 25 mg[†]



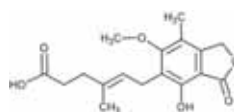
Mycophenolate mofetil
CAS No. 128794-94-5
 $C_{23}H_{31}NO_7$ M.W. 433.49
B110256-500 500 mg[†]



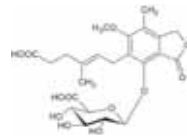
Mycophenolic acid-D₃
CAS No. 1185242-90-3
 $C_{17}D_3H_{17}O_6$ M.W. 323.34
M-137 100 µg/mL
1 mL Acetonitrile



Mycophenolic acid-D₃
CAS No. 1185242-90-3
 $C_{17}D_3H_{17}O_6$ M.W. 323.36
M-180 1.0 mg/mL
1 mL Acetonitrile



Mycophenolic acid
CAS No. 24280-93-1
 $C_{17}H_{20}O_6$ M.W. 320.34
M-106 1.0 mg/mL
1 mL Acetonitrile



Mycophenolic acid-β-D-glucuronide
CAS No. 31528-44-6
 $C_{23}H_{28}O_{12}$ M.W. 496.46
M-135 1.0 mg/mL
1 mL Acetonitrile

Myfortic
(see Mycophenolic acid, page 59)

Prograf
(see Tacrolimus, page 60)

1. <http://www.transplant-observatory.org/Pages/Facts.aspx>

2. Amitava D. Advances in Chromatographic Techniques for Therapeutic Drug Monitoring. Florida, Taylor & Francis, 2010

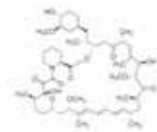
3. Langman LJ and Christine LS. LC-MS in Drug Analysis: Methods and Protocols. New York, Springer, 2012

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

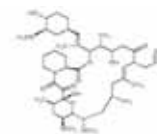
Protopic
(see Tacrolimus, page 60)

Rapamune
(see Sirolimus, page 60)

Rapamycin
(see Sirolimus, page 60)



Sirolimus
CAS No. 53123-88-9
 $C_{51}H_{79}NO_{13}$ M.W. 914.17
S-015 1.0 mg/mL
1 mL Acetonitrile



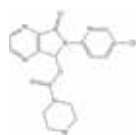
Tacrolimus
CAS No. 104987-11-3
 $C_{44}H_{69}NO_{12}$ M.W. 804.02
T-049 1.0 mg/mL
1 mL Methanol

Zortress
(see Everolimus, page 59)

nonbenzodiazepines

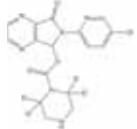
Nonbenzodiazepines, commonly referred to as “Z-drugs,” represent a widely prescribed class of psychoactive drugs used in the treatment of insomnia. Characterized by rapid onset, these drugs can induce intense sedation, feelings of euphoria, and hallucinations. Use of nonbenzodiazepines, including zolpidem, zopiclone, and zaleplon, can produce side effects such as short-term memory loss, sleepwalking, and sleep driving.¹

Due to involvement in drug facilitated crime, nonbenzodiazepines are analyzed in forensic and clinical toxicology settings. Chromatographic and mass spectrometry-based methods from HPLC to GC/MS, LC/MS, and LC-MS/MS are typically used in screening and confirmatory applications involving nonbenzodiazepines.¹ Over the past year, analytical methods have been developed that quantify nonbenzodiazepines in whole blood, plasma, and hair for applications ranging from forensic analysis and clinical toxicology to workplace drug testing.^{1,2,3}



Ambien
(see Zolpidem tartrate, page 60)

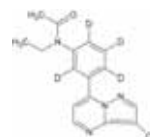
N-Desmethylopiclone **NEW**
CAS No. 59878-63-6
 $C_{16}H_{15}ClN_2O_3$ M.W. 374.78
D-111 100 µg/mL
1 mL Acetonitrile



N-Desmethylopiclone-D₄ **NEW**
 $C_{16}H_{11}D_4ClN_2O_3$ M.W. 378.81
D-112 100 µg/mL
1 mL Acetonitrile

Imovane
(see Zopiclone, page 61)

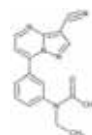
Sonata
(see Zaleplon, page 60)



Starnoc
(see Zaleplon, page 60)

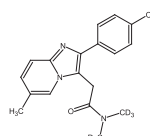
Stilnox
(see Zolpidem tartrate, page 60)

Zaleplon-D₄
 $C_{17}H_{11}D_4N_2O$ M.W. 309.36
Z-010 100 µg/mL
1 mL Methanol



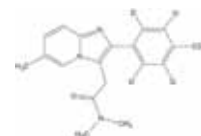
Zaleplon
CAS No. 151319-34-5
 $C_{17}H_{15}N_2O$ M.W. 305.33
Z-004 1.0 mg/mL
1 mL Methanol

Zimovane
(see Zopiclone, page 61)



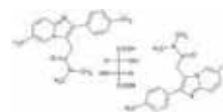
Zolpidem-D₆
CAS No. 959605-90-4
 $C_{19}H_{15}D_6N_2O$ M.W. 313.00
Z-001 100 µg/mL
1 mL Methanol

Not suitable for use with GC/MS



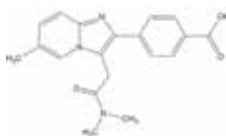
Zolpidem-D₇
 $C_{19}H_{14}D_7N_2O$ M.W. 314.43
Z-008 100 µg/mL
1 mL Methanol

Suitable for use with GC/MS or LC/MS

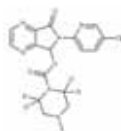


Zolpidem tartrate
CAS No. 99294-93-6
 $2(C_{19}H_{17}N_2O) \cdot C_4H_6O_6$ M.W. 764.88
Z-901 1.0 mg/mL (as free base)
1 mL Methanol

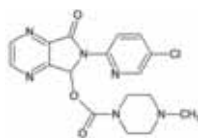
1. http://journals.lww.com/drug-monitoring/Abstract/publishahead/Detection_of_benzodiazepines_and_z_drugs_in_hair.99293.aspx
2. <http://www.sciencedirect.com/science/article/pii/S1570023215000884>
3. <http://www.ncbi.nlm.nih.gov/pubmed/25264915>



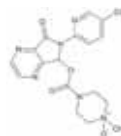
Zolpidem Phenyl-4-carboxylic acid
CAS No. 109461-65-6
 $C_{19}H_{19}N_3O_3$ M.W. 337.37
Z-007 500 µg/mL
1 mL 50:50
Acetonitrile:Water



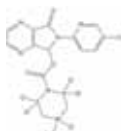
Zopiclone-D₄
CAS No. 224785-90-4
 $C_{17}H_{13}D_4ClN_2O_3$ M.W. 392.83
Z-902 100 µg/mL
1 mL Acetonitrile



Zopiclone
CAS No. 43200-80-2
 $C_{17}H_{17}ClN_2O_3$ M.W. 388.81
Z-003 1.0 mg/mL
1 mL Acetonitrile



Zopiclone-N-oxide **NEW**
CAS No. 43200-96-0
 $C_{17}H_{17}ClN_2O_4$ M.W. 404.81
Z-013 100 µg/mL
1 mL Methanol with
1% 1 M HCl



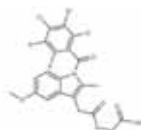
Zopiclone-N-Oxide-D₄ **NEW**
 $C_{17}H_{13}D_4ClN_2O_4$ M.W. 408.83
Z-014 100 µg/mL
1 mL Methanol with
1% 1 M HCl

nsaids

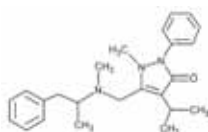
Non-steroidal anti-inflammatory drugs (**NSAIDs**) are a class of pharmaceuticals used in both human and veterinary medicine to treat acute and chronic pain, inflammation, and fever. NSAIDs exert their effects through inhibition of cyclooxygenase (COX), an enzyme that catalyzes the production of prostacyclins or compounds key to the inflammation response.¹ Worldwide, NSAIDs are used daily by more than 30 million people.²

Acute and chronic use of NSAIDs are associated with adverse side effects including gastrointestinal, liver, and renal damage as well as cardiovascular complications.³ Immunoassays are available for some NSAID medications including acetylsalicylic acid and acetaminophen. For NSAIDs like naproxen, ibuprofen, and indomethacin, immunoassay availability is limited or nonexistent which is why clinical and forensic analysis of these drugs are typically performed using mass spectrometry-based methods.⁴

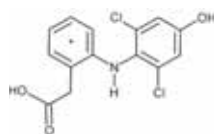
NSAIDs such as ibuprofen have also been detected as adulterants in food and dietary supplements and are analyzed by regulatory agencies and quality control laboratories to ensure product quality and potency.⁵



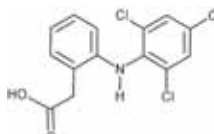
Acemetacin-D₄
 $C_{21}H_{14}D_4ClNO_6$ M.W. 419.85
B130161-10 10 mg[†]



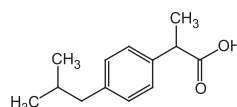
Famprofazone
CAS No. 22881-35-2
 $C_{24}H_{31}N_3O$ M.W. 377.50
NMID893 5 mg[†]



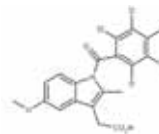
4'-Hydroxydiclofenac-¹³C₆
CAS No. 1189656-64-1
 $^{13}C_6C_8H_{11}NO_3Cl_2$ M.W. 318.00
H-053 100 µg/mL
1 mL Methanol



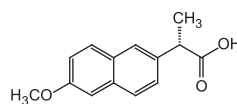
4'-Hydroxydiclofenac
CAS No. 64118-84-9
 $C_{14}H_{11}Cl_2NO_3$ M.W. 312.15
H-052 100 µg/mL
1 mL Acetonitrile



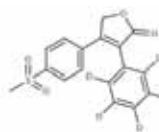
Ibuprofen
CAS No. 15687-27-1
 $C_{13}H_{18}O_2$ M.W. 206.28
I-009 1.0 mg/mL
1 mL Methanol



Indomethacin-D₄
CAS No. 87377-08-0
 $C_{19}H_{12}D_4ClNO_4$ M.W. 361.81
B130163-10 10 mg[†]



Naproxen
CAS No. 22204-53-1
 $C_{14}H_{14}O_3$ M.W. 230.26
N-042 1.0 mg/mL
1 mL Methanol



Rofecoxib-D₅
 $C_{17}H_9D_5O_4S$ M.W. 319.39
B130151-10 10 mg[†]

1. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3108482/>

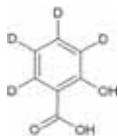
2. <http://www.ijpba.info/ijpba/index.php/ijpba/article/viewFile/638/428>

3. <http://www.uptodate.com/contents/nonselective-nsaids-adverse-cardiovascular-effects>

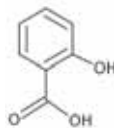
4. Amitava D. Advances in Chromatographic Techniques for Therapeutic Drug Monitoring. Florida, Taylor & Francis, 2010

5. <http://www.ncbi.nlm.nih.gov/pubmed/24679138>

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Salicylic acid-D₄
CAS No. 78646-17-0
 $C_7H_2D_4O_3$ M.W. 142.15
S-042 100 µg/mL
1 mL Acetonitrile



Salicylic acid
CAS No. 69-72-7
 $C_7H_6O_3$ M.W. 138.12
S-019 1.0 mg/mL
1 mL Acetonitrile

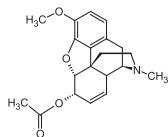
opiates

Opiates are naturally occurring alkaloids typically prescribed for the treatment of acute and chronic pain. These drugs have a high addiction potential, are widely available, and potentially lethal when not taken as prescribed.

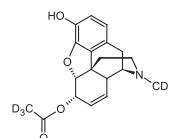
Over the past decade, the worldwide rate of opiate pain reliever use has increased dramatically. In the US, there has been a 900 percent increase in individuals seeking treatment for addiction to opiate medications.¹ Likewise in the European Union, opiates constitute the principal drug in 45 percent of all drug treatment requests.² Concurrent with rising incidence of prescription opiate abuse is the emerging trend among opiate abusers to substitute heroin or novel morphine derivatives such as desomorphine when access to opiate pharmaceuticals becomes limited.³

Studies published within the last several years have described, with growing concern, that opioid-induced hypoadrenalism is under-recognized as a contributing factor to pain and opioid addiction.^{4,5} The expanding awareness of the effects that long-term opiate use has on patient wellbeing has emphasized the need for more routine testing of opioids and hormone levels in clinical as well as pain management settings.⁶

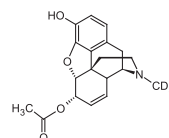
The majority of opiate analysis has historically been performed using GC/MS, where a typical workflow includes acid or enzyme hydrolysis of opiate glucuronides and derivatization prior to analysis.⁷ In recent years, clinical and forensic toxicology labs have been adopting LC-MS/MS over GC/MS for the analysis of opiates due to the technique's increased sensitivity, higher specificity, and reduced time spent on sample preparation.^{7,8,9}



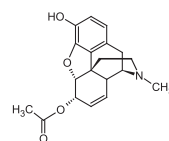
6-Acetylcodeine
CAS No. 6703-27-1
 $C_{20}H_{23}NO_4$ M.W. 341.41
A-053 1.0 mg/mL
1 mL Acetonitrile
NMID821C 20 mg[†]



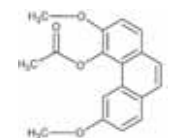
6-Acetylmorphine-D₈
CAS No. 152477-90-2
 $C_{19}H_{15}D_8NO_4$ M.W. 333.33
A-026 100 µg/mL
1 mL Acetonitrile
A-027 1.0 mg/mL
1 mL Acetonitrile



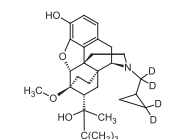
6-Acetylmorphine-D₃
CAS No. 136765-25-8
 $C_{19}H_{18}D_3NO_4$ M.W. 330.36
A-006 100 µg/mL
1 mL Acetonitrile
A-010 1.0 mg/mL
1 mL Acetonitrile



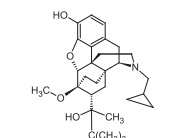
6-Acetylmorphine
CAS No. 2784-73-8
 $C_{19}H_{21}NO_4$ M.W. 327.38
A-003 100 µg/mL
1 mL Acetonitrile
A-009 1.0 mg/mL
1 mL Acetonitrile
NMID777 20 mg[†]



Acetylthebaol
CAS No. 47192-97-2
 $C_{18}H_{16}O_4$ M.W. 296.10
NMID704 5 mg[†]



Buprenorphine-D₄
CAS No. 136781-89-0
 $C_{29}H_{37}D_4NO_4$ M.W. 471.62
B-901 100 µg/mL
1 mL Methanol
B-908 1.0 mg/mL
1 mL Methanol



Buprenorphine
CAS No. 52485-79-7
 $C_{29}H_{41}NO_4$ M.W. 467.65
B-902 100 µg/mL
1 mL Methanol
B-044 1.0 mg/mL
1 mL Methanol
NMID932 10 mg[†]

1. <http://www.ncbi.nlm.nih.gov/pubmed/25581144>

2. <http://www.emcdda.europa.eu/edr2014>

3. <http://www.nytimes.com/2014/02/11/health/prescription-painkillers-seen-as-a-gateway-to-heroin.html>

4. <http://press.endocrine.org/doi/abs/10.1210/endo-meetings.2015.NP.11.LBT-084>

5. <http://www.ncbi.nlm.nih.gov/pubmed/25827960>

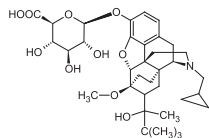
6. <http://www.ncbi.nlm.nih.gov/pubmed/25716638>

7. <http://www.ncbi.nlm.nih.gov/pubmed/24256360>

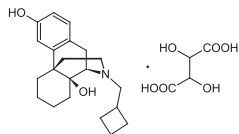
8. <http://www.futuremedicine.com/doi/abs/10.4155/ebo.13.423>

9. http://apps.thermoscientific.com/media/SID/LSMS/flipbooks/app_note_compendium/files/assets/basic-html/page200.html

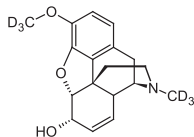
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



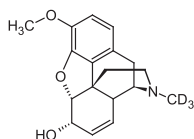
Buprenorphine glucuronide
CAS No. 101224-22-0
 $C_{35}H_{49}NO_{10}$ M.W. 643.77
B-035 100 µg/mL
1 mL Methanol



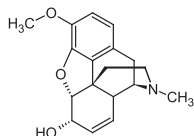
Butorphanol tartrate
CAS No. 58786-99-5
 $C_{21}H_{29}NO_2 \cdot C_4H_6O_6$ M.W. 477.55
B-037 1.0 mg/mL (as free base)
1 mL Methanol



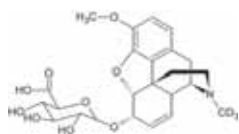
Codeine-D₆
CAS No. 1007844-34-9
 $C_{18}H_{15}D_6NO_3$ M.W. 305.32
C-040 100 µg/mL
1 mL Methanol
C-041 1.0 mg/mL
1 mL Methanol



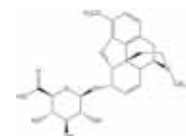
Codeine-D₃
CAS No. 70420-71-2
 $C_{18}H_{15}D_3NO_3$ M.W. 302.35
C-005 100 µg/mL
1 mL Methanol
C-039 100 µg/mL
5 mL Methanol
C-007 1.0 mg/mL
1 mL Methanol
NMID673 1 mg[†]



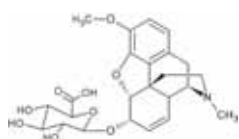
Codeine
CAS No. 76-57-3
 $C_{18}H_{21}NO_3$ M.W. 299.37
C-015 100 µg/mL
1 mL Methanol
C-006 1.0 mg/mL
1 mL Methanol
NMID671 50 mg[†]



D₃-Codeine glucuronide
CAS No. 219533-59-2
 $C_{24}H_{26}D_3NO_9$ M.W. 478.50
NMID695 0.1 mg[†]

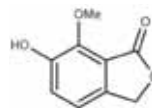


Codeine-6-β-D-glucuronide-D₃ **NEW**
CAS No. 219533-59-2
 $C_{24}H_{26}D_3NO_9$ M.W. 478.51
C-138 100 µg/mL
1 mL Water:Methanol
(80:20)



Codeine-6-β-D-glucuronide
CAS No. 20736-11-2
 $C_{24}H_{29}NO_9$ M.W. 475.49
C-087 100 µg/mL
1 mL Water:
Methanol (80:20)
C-126 100 µg/mL
1 mL Methanol
NMID694 0.1 mg[†]

Desmethycodeine
(see Norcodeine, page 67)



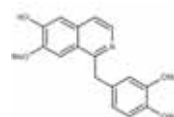
Desmethylnorcodeine
(see Noroxycodone HCl, page 67)

6-Desmethylnorcodeine
CAS No. 78213-30-6
 $C_9H_9O_4$ M.W. 180.16
B120079-10 10 mg[†]

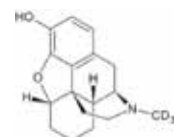
Desmethylnorcodeine
(see Normorphine, page 67)

Desmethylnorcodeine
(see Noroxycodone HCl, page 67)

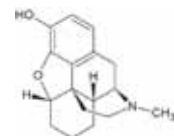
Desmethylnorcodeine
(see Noroxymorphine HCl,
page 67)



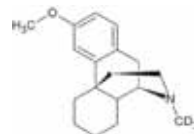
6-Desmethylnorcodeine
CAS No. 18813-63-3
 $C_{19}H_{19}NO_4$ M.W. 325.36
B120077-10 10 mg[†]



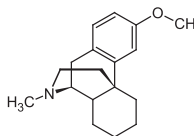
Desomorphine-D₃
CAS No. 1354573-64-0
 $C_{17}H_{18}D_3NO_2$ M.W. 274.37
D-103 100 µg/mL
1 mL Acetonitrile



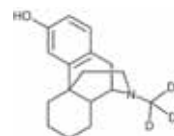
Desomorphine
CAS No. 427-00-9
 $C_{17}H_{21}NO_2$ M.W. 271.35
D-083 1.0 mg/mL
1 mL Methanol



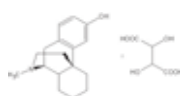
Dextromethorphan-D₃
CAS No. 524713-56-2
 $C_{18}H_{22}D_3NO$ M.W. 274.41
D-071 100 µg/mL
1 mL Methanol



Dextromethorphan
CAS No. 125-71-3
 $C_{18}H_{25}NO$ M.W. 271.40
D-013 1.0 mg/mL
1 mL Methanol

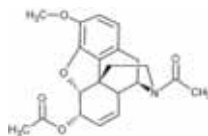


Dextrophan-D₃
CAS No. 1217978-17-0
 $C_{17}H_{20}D_3NO$ M.W. 260.00
D-041 100 µg/mL
1 mL Methanol



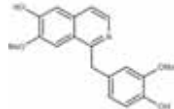
Dextrophan tartrate
CAS No. 143-98-6
 $C_{17}H_{23}NO \cdot C_4H_6O_6$ M.W. 407.46
D-034 1.0 mg/mL (as free base)
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

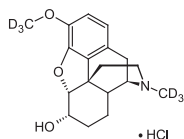


Diacetylmorphine
(see Heroin, page 64)

O₆, N-Diacetylmorphine
CAS No. 89493-70-9
C₂₁H₂₃NO₅ M.W. 369.40
NMID699 5 mg[†]

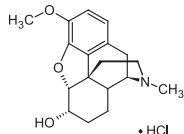


4',6-Didesmethylpapaverine
CAS No. 57170-09-9
C₁₈H₁₇NO₄ M.W. 311.33
B120076-10 10 mg[†]

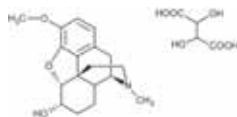


Dihydrocodeinone
(see Hydrocodone, page 64)

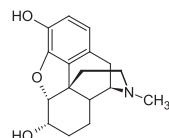
Dihydrocodeine-D₆ HCl
C₁₈H₁₇D₆NO₃ · HCl M.W. 343.80
D-021 100 µg/mL (as free base)
1 mL Methanol
D-087 1.0 mg/mL (as free base)
1 mL Methanol



Dihydrocodeine HCl
CAS No. 125-28-0
C₁₈H₂₃NO₃ · HCl M.W. 337.85
D-019 1.0 mg/mL (as free base)
1 mL Methanol



Dihydrocodeine hydrogen tartrate
CAS No. 125-28-0
C₂₂H₂₅NO₉ M.W. 451.50
NMID823 50 mg[†]

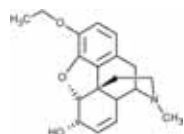


Dihydromorphine
CAS No. 509-60-4
C₁₇H₂₁NO₃ M.W. 287.36
D-033 1.0 mg/mL
1 mL Methanol

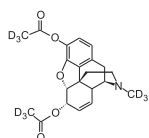
Dihydromorphinone
(see Hydromorphone, page 64)

DXM
(see Dextromethorphan, page 63)

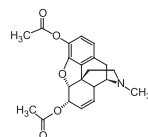
DXO
(see Dextrorphan tartrate, page 63)



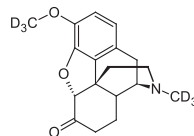
Ethylmorphine
CAS No. 76-58-4
C₁₉H₂₃NO₃ M.W. 313.39
E-052 1.0 mg/mL
1 mL Methanol



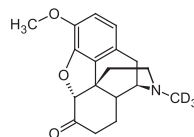
Heroin-D₉
CAS No. 1338713-49-7
C₂₁H₁₄D₉NO₅ M.W. 378.35
H-036 100 µg/mL
1 mL Acetonitrile
H-037 1.0 mg/mL
1 mL Acetonitrile



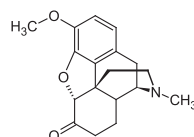
Heroin
CAS No. 561-27-3
C₂₁H₂₃NO₅ M.W. 369.42
H-038 1.0 mg/mL
1 mL Acetonitrile
NMID752 50 mg[†]



Hydrocodone-D₆
CAS No. 1007844-38-3
C₁₈H₁₅D₆NO₃ M.W. 305.32
H-047 100 µg/mL
1 mL Methanol
H-048 1.0 mg/mL
1 mL Methanol

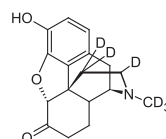


Hydrocodone-D₃
CAS No. 136765-36-1
C₁₈H₁₈D₃NO₃ M.W. 302.35
H-005 100 µg/mL
1 mL Methanol
H-008 1.0 mg/mL
1 mL Methanol

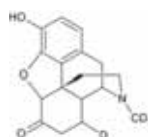


Hydrocodone
CAS No. 125-29-1
C₁₈H₂₁NO₃ M.W. 299.37
H-003 1.0 mg/mL
1 mL Methanol
NMID988 20 mg[†]

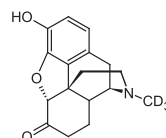
NEW



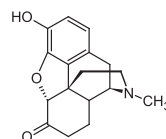
Hydromorphone-D₆
CAS No. 1024922-02-8
C₁₇H₁₃D₆NO₃ M.W. 291.30
H-049 100 µg/mL
1 mL Methanol
H-050 1.0 mg/mL
1 mL Methanol



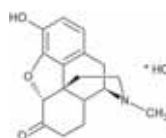
Hydromorphone-D₄
C₁₇H₁₅D₄NO₃ M.W. 289.34
H-078 100 µg/mL
1 mL Methanol



Hydromorphone-D₃
CAS No. 136765-37-2
C₁₇H₁₆D₃NO₃ M.W. 288.32
H-006 100 µg/mL
1 mL Methanol
H-010 1.0 mg/mL
1 mL Methanol

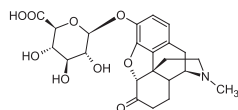


Hydromorphone
CAS No. 466-99-9
C₁₇H₁₉NO_{3a} M.W. 285.34
H-004 1.0 mg/mL
1 mL Methanol

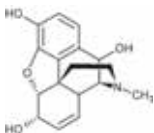


Hydromorphone HCl
CAS No. 71-68-1
C₁₇H₁₉NO₃ · HCl M.W. 321.80
NMID785B 20 mg[†]

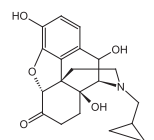
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



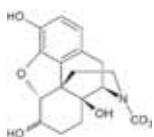
Hydromorphone-3-β-D-glucuronide
CAS No. 40505-76-8
 $C_{23}H_{27}NO_9$ M.W. 461.46
H-051 100 µg/mL
1 mL Methanol:
Water (1:1)



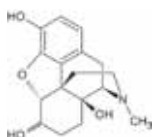
10-Hydroxymorphine
CAS No. 131563-73-0
 $C_{17}H_{19}NO_4$ M.W. 301.00
IMPM-005-05 100 µg/mL
1 mL Methanol



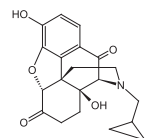
10-Hydroxynaltrexone
CAS No. 60767-82-0
 $C_{20}H_{23}NO_5$ M.W. 357.41
IMPN-007-02 100 µg/mL
1 mL Methanol



6α/β-Hydroxyoxymorphine-D₃
 $C_{17}H_{18}D_3NO_4$ M.W. 306.37
H-098 100 µg/mL
1 mL Methanol

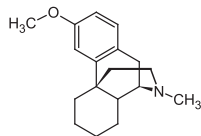


6α/β-Hydroxyoxymorphine
 $C_{17}H_{21}NO_4$ M.W. 303.36
H-097 1.0 mg/mL
1 mL Methanol

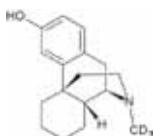


10-Ketonaltrexone
CAS No. 96445-14-6
 $C_{20}H_{21}NO_5$ M.W. 355.39
IMPN-007-03 100 µg/mL
1 mL Methanol

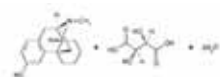
Krokodil
(see Desomorphine, page 63)



Levomethorphan
CAS No. 125-70-2
 $C_{18}H_{25}NO$ M.W. 271.40
L-010 10 mg[†]
Controlled - DEA 222 Form required

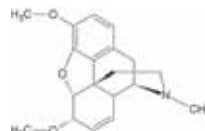


Levorphanol-D₃
CAS No. 53447-08-8
 $C_{17}H_{20}D_3NO$ M.W. 260.39
L-034 100 µg/mL
1 mL Methanol

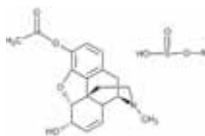


Levorphanol tartrate dihydrate
CAS No. 5985-38-6
 $C_{17}H_{25}NO \cdot C_4H_6O_6 \cdot diH_2O$ M.W. 443.49
L-016 1.0 mg/mL (as free base)
1 mL Methanol

6-MAM
(see 6-Acetylmorphine, page 62)

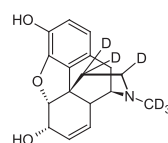


Methyl codeine
CAS No. 2859-16-7
 $C_{19}H_{23}NO_3$ M.W. 313.20
NMID924 10 mg[†]

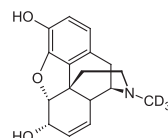


3-Monacetylmorphine sulfamate
CAS No. 5140-28-3
 $C_{19}H_{24}N_2O_7S$ M.W. 424.50
NMID766 20 mg[†]

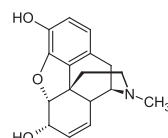
6-Monoacetylmorphine
(see 6-Acetylmorphine, page 62)



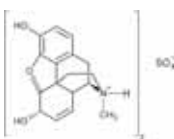
Morphine-D₈
CAS No. 1334606-17-5
 $C_{17}H_{13}D_8NO_3$ M.W. 291.30
M-085 100 µg/mL
1 mL Methanol
M-086 1.0 mg/mL
1 mL Methanol



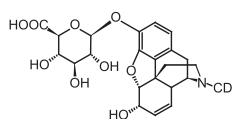
Morphine-D₃
CAS No. 67293-88-3
 $C_{17}H_{16}D_3NO_3$ M.W. 288.32
M-003 100 µg/mL
1 mL Methanol
M-006 1.0 mg/mL
1 mL Methanol
NMID709 1 mg[†]



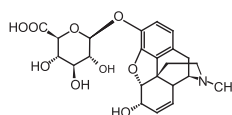
Morphine
CAS No. 57-27-2
 $C_{17}H_{19}NO_3$ M.W. 285.34
M-030 100 µg/mL
1 mL Methanol
M-005 1.0 mg/mL
1 mL Methanol
NMID408C 50 mg[†]



Morphine sulfate
CAS No. 6211-15-0
 $C_{17}H_{19}NO_3 \cdot H_2SO_4$ M.W. 668.80
NMID925 50 mg[†]

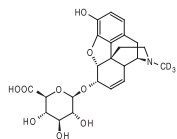


Morphine-3-β-D-glucuronide-D₃
CAS No. 136765-44-1
 $C_{23}H_{24}D_3NO_9$ M.W. 464.44
M-017 100 µg/mL
1 mL Methanol with
0.05% NaOH

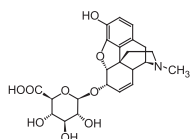


Morphine-3-β-D-glucuronide
CAS No. 20290-09-9
 $C_{23}H_{27}NO_9$ M.W. 461.47
M-018 100 µg/mL
1 mL Methanol:
Water (1:1)
M-031 1.0 mg/mL
1 mL Methanol with
0.05% NaOH

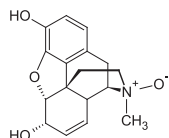
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



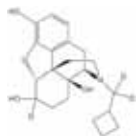
Morphine-6-β-D-glucuronide-D₃
CAS No. 219533-69-4
 $C_{23}H_{24}D_3NO_9$ M.W. 464.47
M-120 100 µg/mL
1 mL Methanol:
Water (1:1)



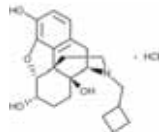
Morphine-6-β-D-glucuronide
CAS No. 20290-10-2
 $C_{23}H_{27}NO_9$ M.W. 461.47
M-096 100 µg/mL
1 mL Methanol:
Water (1:1)
1.0 mg/mL
1 mL Water:
Methanol (80:20)



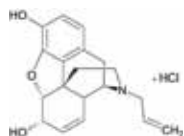
Morphine N-oxide
CAS No. 639-46-3
 $C_{17}H_{19}NO_4$ M.W. 301.34
IMPM-005-01 100 µg/mL
1 mL Methanol
NMID700 10 mg[†]



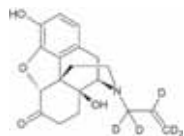
Nalbuphine-D₃ **NEW**
 $C_{21}H_{24}D_3NO_4$ M.W. 360.46
N-056 100 µg/mL
1 mL Methanol



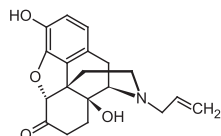
Nalbuphine HCl
CAS No. 23277-43-2
 $C_{21}H_{27}NO_4 \cdot HCl$ M.W. 393.91
N-051 1.0 mg/mL (as free base)
1 mL Methanol



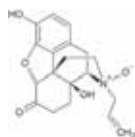
Nalorphine HCl
CAS No. 57-29-4
 $C_{19}H_{21}NO_3 \cdot HCl$ M.W. 347.84
N-924 1.0 mg/mL (as free base)
1 mL Methanol



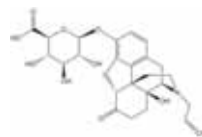
Naloxone-D₃
CAS No. 1216079-38-2
 $C_{19}H_{16}D_3NO_4$ M.W. 332.41
N-063 100 µg/mL
1 mL Methanol



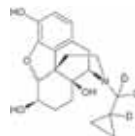
Naloxone
CAS No. 465-65-6
 $C_{19}H_{21}NO_4$ M.W. 327.38
N-004 1.0 mg/mL
1 mL Methanol



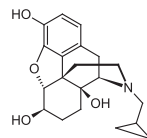
Naloxone N-Oxide
CAS No. 112242-14-5
 $C_{19}H_{21}NO_5$ M.W. 343.37
IMPN-007-04 100 µg/mL
1 mL
1:1 Acetonitrile:Water



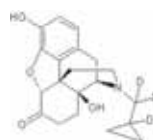
Naloxone-3β-D-glucuronide **NEW**
 $C_{25}H_{26}NO_{10}$ M.W. 503.50
N-099 1.0 mg/mL
1 mL 10% Water
in Methanol



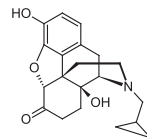
6β-Naltrexol-D₃
 $C_{20}H_{22}D_3NO_4$ M.W. 346.44
N-081 100 µg/mL
1 mL Methanol



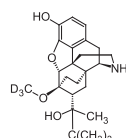
6β-Naltrexol
CAS No. 49625-89-0
 $C_{20}H_{25}NO_4$ M.W. 343.42
N-038 1.0 mg/mL
1 mL Methanol



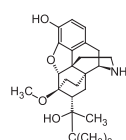
Naltrexone-D₃
CAS No. 1261080-26-5
 $C_{20}H_{20}D_3NO_4$ M.W. 344.00
N-047 100 µg/mL
1 mL Methanol



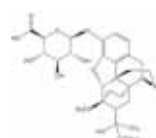
Naltrexone
CAS No. 16590-41-3
 $C_{20}H_{23}NO_4$ M.W. 341.00
N-007 1.0 mg/mL
1 mL Methanol



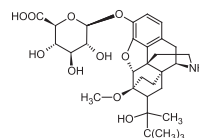
Norbuprenorphine-D₃
CAS No. 350482-19-8
 $C_{25}H_{32}D_3NO_4$ M.W. 416.53
N-920 100 µg/mL
1 mL Methanol
N-921 1.0 mg/mL
1 mL Methanol



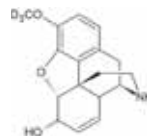
Norbuprenorphine
CAS No. 78715-23-8
 $C_{25}H_{35}NO_4$ M.W. 413.56
N-912 100 µg/mL
1 mL Methanol
N-059 1.0 mg/mL
1 mL Methanol



Norbuprenorphine glucuronide-D₃ **NEW**
 $C_{31}H_{40}D_3NO_{10}$ M.W. 592.69
N-097 100 µg/mL
1 mL Methanol

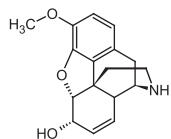


Norbuprenorphine glucuronide
CAS No. 469887-29-4
 $C_{31}H_{43}NO_{10}$ M.W. 589.67
N-045 100 µg/mL
1 mL Methanol

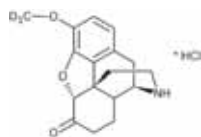


Norcodeine-D₃
 $C_{17}H_{16}D_3NO_3$ M.W. 288.36
N-082 1.0 mg/mL
1 mL Methanol

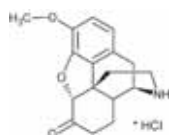
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



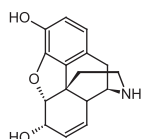
Norcodeine
CAS No. 467-15-2
 $C_{17}H_{19}NO_3$ M.W. 285.34
N-005 1.0 mg/mL
1 mL Methanol
NMID698 5 mg[†]



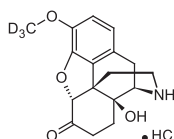
Norhydrocodone-D₃ HCl
 $C_{17}D_3H_{16}NO_3$ M.W. 324.82
N-054 100 µg/mL (as free base)
1 mL Methanol



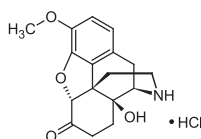
Norhydrocodone HCl
CAS No. 71968-04-2
 $C_{17}H_{19}NO_3$ M.W. 321.80
N-053 1.0 mg/mL (as free base)
1 mL Methanol



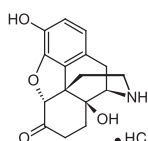
Normorphine
CAS No. 466-97-7
 $C_{16}H_{17}NO_3$ M.W. 271.32
N-006 1.0 mg/mL
1 mL Methanol



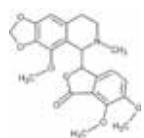
Noroxycodone-D₃ HCl
 $C_{17}H_{16}D_3NO_4 \cdot HCl$ M.W. 340.80
N-032 100 µg/mL (as free base)
1 mL Methanol
N-033 1.0 µg/mL (as free base)
1 mL Methanol



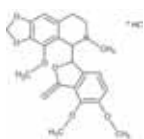
Noroxycodone HCl
CAS No. 52446-25-0
 $C_{17}H_{19}NO_4 \cdot HCl$ M.W. 337.80
N-011 1.0 mg/mL (as free base)
1 mL Methanol



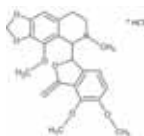
Noroxymorphine HCl
CAS No. 33522-95-1
 $C_{16}H_{17}NO_4 \cdot HCl$ M.W. 323.78
N-013 100 µg/mL (as free base)
1 mL Methanol
N-012 1.0 mg/mL (as free base)
1 mL MeOH:DMSO (80:20)



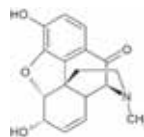
Noscapine (Narcotine)
CAS No. 128-62-1
 $C_{22}H_{25}NO_7$ M.W. 413.42
NMID831 50 mg[†]



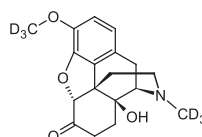
Noscapine (Narcotine) HCl
CAS No. 912-60-7
 $C_{22}H_{24}NO_7Cl$ M.W. 449.90
NMID791 100 mg[†]



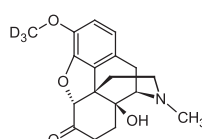
Noscapine HCl
CAS No. 912-60-7
 $C_{22}H_{25}NO_7 \cdot HCl$ M.W. 449.90
NMID791B 100 mg[†]



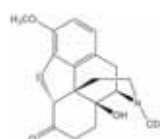
10-Oxomorphine (10-Ketomorphine)
CAS No. 68254-48-8
 $C_{17}H_{17}NO_4$ M.W. 299.32
IMPM-005-06 100 µg/mL
1 mL Methanol



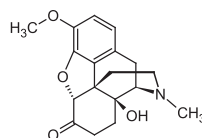
Oxycodone-D₃
CAS No. 152477-91-3
 $C_{18}H_{16}D_3NO_4$ M.W. 321.32
O-007 100 µg/mL
1 mL Methanol
O-008 1.0 mg/mL
1 mL Methanol



Oxycodone-D₃ (O-methyl-D₃)
CAS No. 160227-46-3
 $C_{18}H_{18}D_3NO_4$ M.W. 318.34
O-005 100 µg/mL
1 mL Methanol
O-006 1.0 mg/mL
1 mL Methanol

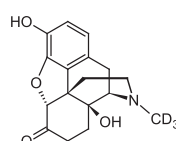


Oxycodone-D₃ (N-methyl-D₃)
CAS No. 145225-02-1
 $C_{18}H_{18}D_3NO_4$ M.W. 318.38
O-041 100 µg/mL
1 mL Methanol
O-042 1.0 mg/mL
1 mL Methanol

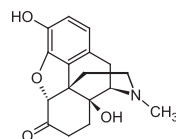


Oxycodone
CAS No. 76-42-6
 $C_{18}H_{21}NO_4$ M.W. 315.37
O-002 1.0 mg/mL
1 mL Methanol

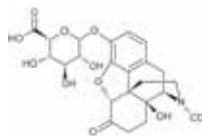
OxyContin
(see Oxycodone, page 67)



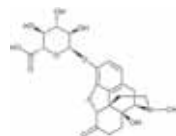
Oxymorphine-D₃
CAS No. 145225-03-2
 $C_{17}H_{16}D_3NO_4$ M.W. 304.32
O-003 100 µg/mL
1 mL Methanol
O-019 1.0 mg/mL
1 mL Methanol



Oxymorphine
CAS No. 76-41-5
 $C_{17}H_{19}NO_4$ M.W. 301.34
O-004 1.0 mg/mL
1 mL Methanol



Oxymorphine-D₃-3-β-D-glucuronide
 $C_{23}D_3H_{24}NO_{10}$ M.W. 480.47
O-031 100 µg/mL
1 mL Methanol:
Water (1:1)

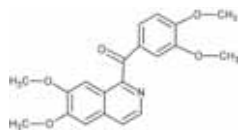


Oxymorphine-3-β-D-glucuronide
CAS No. 770735-01-8
 $C_{23}H_{27}NO_{10}$ M.W. 477.47
O-030 100 µg/mL
1 mL Methanol:
Water (1:1)

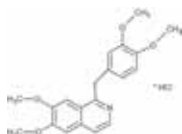
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

drugs, metabolites, impurities

opiates - skeletal muscle relaxants
(non-benzodiazepine)

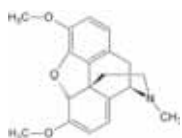


Papaveraldine
CAS No. 522-57-6
 $C_{20}H_{19}NO_5$ M.W. 353.40
NMID743 20 mg[†]

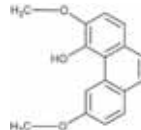


Papaverine HCl
CAS No. 61-25-6
 $C_{20}H_{22}NO_4Cl$ M.W. 375.90
NMID750 100 mg[†]

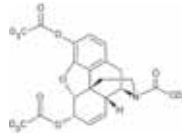
Permonid
(see Desomorphine, page 63)



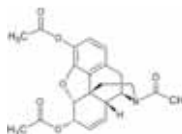
Thebaine
CAS No. 115-37-7
 $C_{19}H_{21}NO_3$ M.W. 311.30
NMID731B 20 mg[†]



Thebaol
CAS No. 481-81-2
 $C_{16}H_{14}O_3$ M.W. 254.30
NMID715 5 mg[†]



D₃-Triacetylnormorphine
CAS No. 65846-40-4
 $C_{22}H_{14}D_3NO_6$ M.W. 406.47
NMID894 5 mg[†]

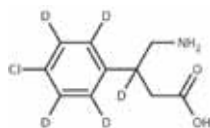


Triacetylnormorphine
CAS No. 65846-34-6
 $C_{22}H_{23}NO_6$ M.W. 397.40
NMID863 5 mg[†]

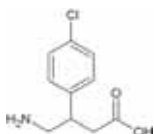
skeletal muscle relaxants (non-benzodiazepine)

Skeletal muscle relaxants, such as carisoprodol, cyclobenzaprine, baclofen, and metaxalone, are prescribed to alleviate musculoskeletal pain and spasms. Consumption of muscle relaxants can produce effects similar to analgesics including drowsiness, dizziness, and impaired judgment. These drugs exhibit a high abuse potential, and subsequently, are controlled in many parts of the world from various EU member countries to the United States (US) and Canada.^{1,2,3}

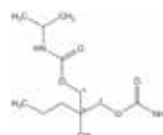
Drug abusers often combine muscle relaxants with other drugs such as alcohol, heroin, benzodiazepines, or prescription opioids to enhance their effects.⁴ In the US, for example, co-administration of carisoprodol with alprazolam and hydrocodone has frequently been reported in instances of overdose.⁵ According to a 2013 report by the American Association of Poison Control Centers' (AAPCC), muscle relaxants represented 5 percent of all drugs identified in calls made to US poison control centers.⁶



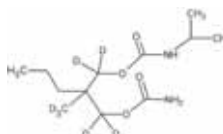
Baclofen-D₅
 $C_{10}H_7D_5ClNO_2$ M.W. 218.69
B130085-25 25 mg[†]



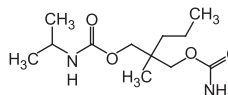
Baclofen
CAS No. 1134-47-0
 $C_{10}H_{12}ClNO_2$ M.W. 213.66
B-048 500 µg/mL
1 mL Methanol



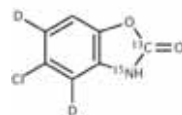
Carisoprodol-¹³C₉ **NEW**
 $C_9^{13}C_3H_{24}N_2O_4$ M.W. 263.31
C-134 100 µg/mL
1 mL Methanol



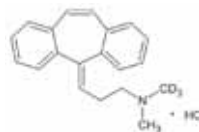
Carisoprodol-D₇
CAS No. 1218911-16-0
 $C_{12}D_7H_{17}N_2O_4$ M.W. 267.28
C-083 100 µg/mL
1 mL Methanol
C-123 1.0 mg/mL
1 mL Methanol



Carisoprodol
CAS No. 78-44-4
 $C_{12}H_{24}N_2O_4$ M.W. 260.33
C-077 1.0 mg/mL
1 mL Methanol



Chlorzoxazone-¹³C₆, ¹⁵N₁, D₂
CAS No. 95-25-0
 $C_6^{13}CH_2D_2Cl^{15}NO_2$ M.W. 173.56
B130302-5 5 mg[†]



Cyclobenzaprine-D₃ HCl
CAS No. 1184983-42-3
 $C_{20}H_{18}D_3N \cdot HCl$ M.W. 314.87
C-114 100 µg/mL (as free base)
1 mL Methanol

1. <http://www.gpo.gov/fdsys/pkg/FR-2011-12-12/pdf/2011-31542.pdf>

2. http://www.emea.europa.eu/pdfs/human/press/pr/Pressrelease_Carisoprodol_52046307en.pdf

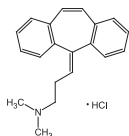
3. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2000626>

4. <http://musclerelaxerslist.com/muscle-relaxants-library/muscle-relaxers-over-the-counter-abuse/1065/>

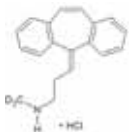
5. http://www.medscape.com/viewarticle/774528_5

6. https://aapcc.s3.amazonaws.com/pdfs/annual_reports/2013_NPDS_Annual_Report.pdf

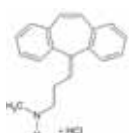
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Cyclobenzaprine HCl
CAS No. 6202-23-9
 $C_{20}H_{21}N \cdot HCl$ M.W. 311.85
C-060 1.0 mg/mL (as free base)
1 mL Methanol



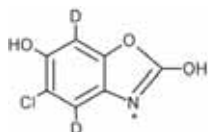
N-Desmethcyclobenzaprine-D₃ HCl
 $C_{19}H_{16}D_3N \cdot HCl$ M.W. 300.84
D-089 100 µg/mL (as free base)
1 mL Methanol



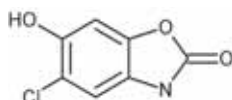
N-Desmethcyclobenzaprine HCl
CAS No. 438-59-5
 $C_{19}H_{19}N \cdot HCl$ M.W. 297.82
D-088 1.0 mg/mL (as free base)
1 mL Methanol

Equanil
(see Meprobamate, page 69)

Flexeril
(see Cyclobenzaprine HCl,
page 69)



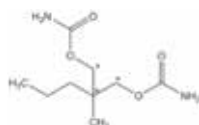
6-Hydroxychlorzoxazone-D₃, ¹⁵N
 $C_7H_2ClD_3^{15}NO_3$ M.W. 188.55
H-064 100 µg/mL
1 mL Methanol



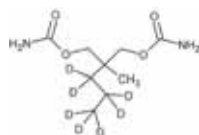
6-Hydroxychlorzoxazone
CAS No. 1750-45-4
 $C_7H_4ClNO_3$ M.W. 185.56
H-063 100 µg/mL
1 mL Methanol

Kemstro
(see Baclofen, page 68)

Lioresal
(see Baclofen, page 68)



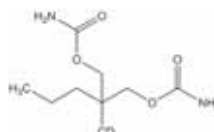
Meprobamate-¹³C₃ **NEW**
 $C_6^{13}C_3H_{18}N_2O_4$ M.W. 221.23
M-178 100 µg/mL
1 mL Methanol



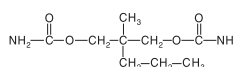
Meprobamate-D₇
(propyl-D₇)
 $C_9H_{11}D_7N_2O_4$ M.W. 225.29
M-131 100 µg/mL
1 mL Methanol



Meprobamate-D₇
(2-methyl-1,3-propanediol-D₇)
 $C_9D_7H_{11}N_2O_4$ M.W. 225.29
M-073 1.0 mg/mL
1 mL Methanol

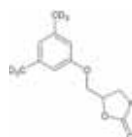


Meprobamate-D₃
CAS No. 1185106-66-4
 $C_9H_{15}D_3N_2O_4$ M.W. 221.27
M-181 100 µg/mL
1 mL Methanol

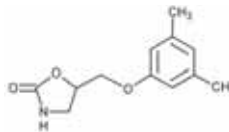


Meprobamate
CAS No. 57-53-4
 $C_9H_{18}N_2O_4$ M.W. 218.25
M-039 1.0 mg/mL
1 mL Methanol

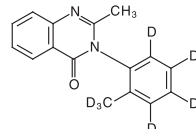
Meprospan
(see Meprobamate, page 69)



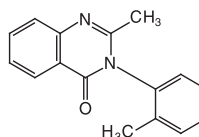
Metaxalone-D₆
 $C_{12}H_8D_6NO_3$ M.W. 227.29
M-143 100 µg/mL
1 mL Methanol



Metaxalone
CAS No. 1665-48-1
 $C_{12}H_{15}NO_3$ M.W. 221.25
M-074 1.0 mg/mL
1 mL Methanol



Methaqualone-D₇
CAS No. 136765-41-8
 $C_{16}H_7D_7N_2O$ M.W. 257.24
M-014 100 µg/mL
1 mL Methanol



Methaqualone
CAS No. 72-44-6
 $C_{16}H_{14}N_2O$ M.W. 250.30
M-015 1.0 mg/mL
1 mL Methanol

Norcyclobenzaprine
(see N-Desmethcyclobenzaprine
HCl, page 69)

Quaalude
(see Methaqualone, page 69)

Skelaxin
(see Metaxalone, page 69)

Soma
(see Carisoprodol, page 68)

steroids/hormones

Steroids comprise a diverse group of cell signaling molecules that have therapeutic efficacy in the treatment of diseases including osteoporosis, inflammation, anemia, sexual dysfunction, and the rebuilding of muscles after a debilitating disease. Steroids are commonly associated with anabolic testosterone analogs due to frequent, illicit use of these drugs among people seeking to enhance muscle growth and athletic performance. Studies conducted over the past several years suggest that adulteration of over-the-counter dietary supplements with controlled and novel steroid analogs is prevalent worldwide. The latest study to examine the prevalence of dietary supplement adulteration in Europe found that among 64 legal nutritional supplements, 12.5% tested positive for anabolic steroids as well as ephedrine.¹ A study published in early 2015 showed that nearly 50 percent of counterfeit drugs obtained from the Korean market tested positive for anabolic agents.²

Hormones are endogenous biomarkers that control, regulate, and influence the activity of complex physiological processes such as metabolism, growth, and fertility. Major hormone categories include catecholamines or biogenic amines, thyroid, hydroxyvitamin D, corticosteroids, glucocorticoids, and sex hormone classes such as

estrogens, progestogens, and androgens.

Over the past 17 years, hormone testing has increased significantly in the clinical laboratory setting as advances in the specificity and selectivity of LC-MS/MS technology have enabled hormones to serve as indicators for a variety of diseases from congenital disorders, heart disease, and psychiatric illnesses to numerous cancers.^{3,4} Newborn screening (NBS) of hormones, for example, is routinely performed by LC-MS/MS to aid in the diagnosis of congenital adrenal hyperplasia (CAH), genetic disorders affecting the adrenal glands.⁵ Hormone testing has also recently expanded to include personalized health markets, where hormone panels are marketed for comprehensive 'wellness' screens or 'anti-aging' diagnostics.⁶

Apart from their use in established clinical and diagnostic testing applications, hormones have shown efficacy in the treatment and diagnosis of severe pain. In recent years, pain management clinics have increasingly incorporated hormone testing protocols to determine a patient's degree of pain and whether hormone replacement therapy is required as a part of pain reduction strategies.⁷

catecholamines

Adrenaline

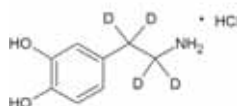
[see Catecholamine Mix 1
(Epinephrines), page 1]

Desmethylnephrine

(see Catecholamine Mix 2, page 1)

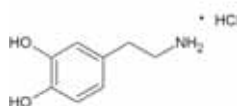
Dopamine-D₄ HCl

CAS No. 203633-19-6
C₈H₇D₄NO₂ · HCl M.W. 193.67
D-072 100 µg/mL (as free base)
1 mL Methanol with
5% 1 M HCl



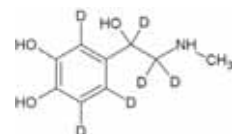
Dopamine HCl

CAS No. 62-31-7
C₈H₁₁NO₂ · HCl M.W. 189.64
D-081 1.0 mg/mL (as free base)
1 mL Methanol with
5% 1 M HCl



(±)-Epinephrine-D₆

C₉H₇D₆NO₃ M.W. 189.24
E-077 100 µg/mL
1 mL Methanol with
5% 1 M HCl



Epinephrines

[see Catecholamine Mix 1, page 1]

5-HIAA

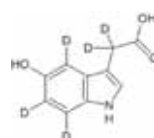
(see 5-Hydroxyindole-4,6,7-3-acetic
acid, page 1, 70)

Homovanillic acid

(see 4-Hydroxy-3-methoxyphenyl-acetic
acid, page 1, 71)

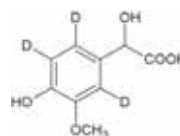
HVA

(see 4-Hydroxy-3-methoxyphenyl-acetic
acid, page 1, 71)



5-Hydroxyindole-4,6,7-D₃- 3-acetic-D₂ Acid

(5-HIAA-D₅)
CAS No. 1219802-93-3
C₁₀H₄D₅NO₃ M.W. 196.22
H-093 100 µg/mL
1 mL Methanol



(±)-4-Hydroxy-3-methoxymandelic acid-D₃ (ring-D₃) (VMA-D₃)

Vanillylmandelic acid
C₉H₇D₃O₅ M.W. 201.19
H-091 100 µg/mL
1 mL Methanol

1. <http://onlinelibrary.wiley.com/doi/10.1002/dta.1728/full>

2. <http://www.sciencedirect.com/science/article/pii/S0731708515001958>

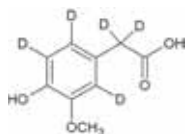
3. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3182003/>

4. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3052391/>

5. <http://www.mayomedicallaboratories.com/test-catalog/Overview/84113>

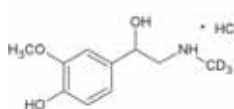
6. <http://nmnj.com/blood-work-for-weight-loss-hormone-optimization-disease-prevention/>

7. http://www.journalofproliferation.com/pdfs/issue_08/issue_08_06_hormones_for_pain.pdf



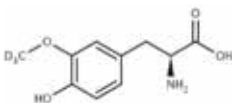
4-Hydroxy-3-methoxyphenyl-D₃-acetic-D₂ acid
(HVA-D₅)
 $C_9H_8D_5O_4$ M.W. 187.20
H-092 100 µg/mL
1 mL Methanol

Metadrenaline
[see Catecholamine Mix 2
(Metanephtrines), page 1]

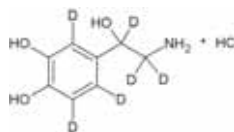


(±)-Metanephtrine-D₃ HCl
 $C_{10}H_{12}D_3NO_3 \cdot HCl$ M.W. 236.71
M-148 100 µg/mL (as free base)
1 mL Methanol

Metanephtrines
[see Catecholamine Mix 2, page 1]

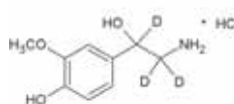


3-Methoxytyrosine-D₃
CAS No. 586954-09-8
 $C_{10}H_{10}D_3NO_4$ M.W. 214.23
B130196-10 10 mg[†]



Noradrenaline
[see Catecholamine Mix 1
(Epinephrines), page 1]

(±)-Norepinephrine-D₃ HCl
CAS No. 1219803-04-9
 $C_8H_9D_3NO_3 \cdot HCl$ M.W. 211.67
N-069 100 µg/mL (as free base)
1 mL Methanol



(±)-Normetanephtrine-D₃ HCl
CAS No. 1085333-97-6
 $C_9H_{10}D_3NO_3 \cdot HCl$ M.W. 222.68
N-068 100 µg/mL (as free base)
1 mL Methanol

Vanilmandelic acid
[see (±)-4-Hydroxy-3-methoxymandelic
acid, page 70]

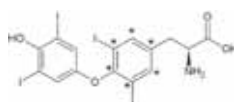
VMA
[see (±)-4-Hydroxy-3-methoxymandelic
acid, page 70]

thyroid hormones

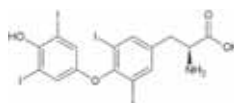
Reverse T3
[see 3,3',5-Triiodo-L-thyronine
(T3), page 71]

T3
[see 3,3',5-Triiodo-L-thyronine
(T3), page 71]

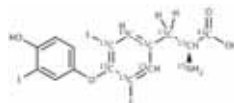
T4
[see L-Thyroxine (T4), page 71]



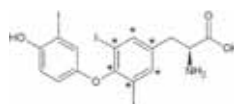
L-Thyroxine-¹³C₆ (T4-¹³C₆)
CAS No. 720710-30-5
 $^{13}C_6C_9H_{11}I_2NO_4$ M.W. 782.83
T-076 100 µg/mL
1 mL
0.1 N NH₃ in Methanol



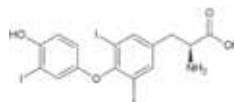
L-Thyroxine
(T4)
CAS No. 51-48-9
 $C_{15}H_{11}I_4NO_4$ M.W. 776.87
T-073 100 µg/mL
1 mL
0.1 N NH₃ in Methanol



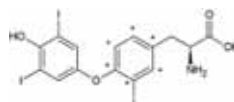
Liothyronine-¹³C₉, ¹⁵N
 $^{13}C_9C_8H_{12}I_2^{15}NO_4$ M.W. 660.90
B130080-5 5 mg[†]



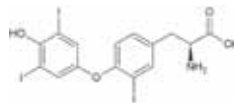
3,3',5-Triiodo-L-thyronine-¹³C₆
(T3-¹³C₆)
CAS No. 1217473-60-3
 $^{13}C_6C_9H_{12}I_3NO_4$ M.W. 656.93
T-077 100 µg/mL
1 mL
0.1 N NH₃ in Methanol



3,3',5-Triiodo-L-thyronine
(T3)
CAS No. 6893-02-3
 $C_{15}H_{12}I_3NO_4$ M.W. 650.97
T-074 100 µg/mL
1 mL
0.1 N NH₃ in Methanol

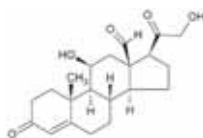


3,3',5'-Triiodo-L-thyronine-¹³C₆
(reverse T3-¹³C₆)
 $^{13}C_6C_9H_{12}I_3NO_4$ M.W. 656.93
T-078 100 µg/mL
1 mL
0.1 N NH₃ in Methanol

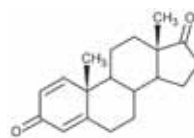


3,3',5'-Triiodo-L-thyronine
(reverse T3)
CAS No. 5817-39-0
 $C_{15}H_{12}I_3NO_4$ M.W. 650.97
T-075 100 µg/mL
1 mL
0.1 N NH₃ in Methanol

additional steroids/hormones

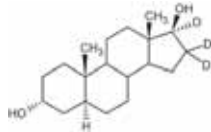


Aldosterone
CAS No. 52-39-1
 $C_{21}H_{28}O_5$ M.W. 360.44
A-096 100 µg/mL
1 mL Acetonitrile

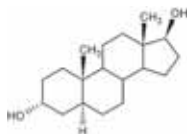


1,4-Androstadiene-3,17-dione
(Boldenone)
CAS No. 897-06-3
 $C_{19}H_{24}O_2$ M.W. 284.40
NMID878 1 mg[†]

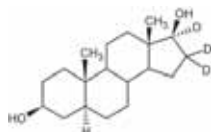
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



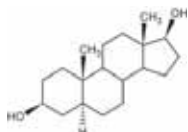
D₃-5α-Androstane-3α,17β-diol
CAS No. 361432-66-8
C₁₉H₂₉D₃O₂ M.W. 295.50
NMID593 1 mg[†]



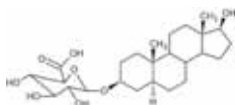
5α-Androstane-3α,17β-diol
CAS No. 1852-53-5
C₁₉H₃₂O₂ M.W. 292.50
NMID634B 1 mg[†]



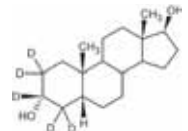
D₃-5α-Androstane-3β,17β-diol
CAS No. 361432-67-9
C₁₉H₂₉D₃O₂ M.W. 295.50
NMID594 1 mg[†]



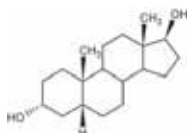
5α-Androstane-3β,17β-diol
CAS No. 571-20-0
C₁₉H₃₂O₂ M.W. 292.40
NMID635B 1 mg[†]



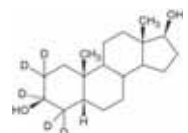
5α-Androstane-3β,17β-diol-3-glucuronide
C₂₅H₄₀O₈ M.W. 468.60
NMID678 1 mg[†]



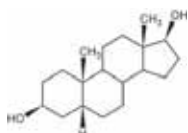
D₅-5β-Androstane-3α,17β-diol
CAS No. 361432-68-0
C₁₉H₂₇D₅O₂ M.W. 297.40
NMID580 1 mg[†]



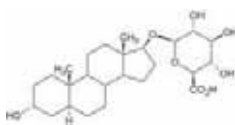
5β-Androstane-3α,17β-diol
CAS No. 1851-23-6
C₁₉H₃₂O₂ M.W. 292.40
NMID636B 1 mg[†]



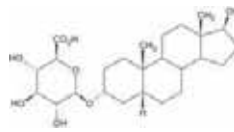
D₅-5β-Androstane-3β,17β-diol
C₁₉H₂₇D₅O₂ M.W. 297.50
NMIS014 1 mg[†]



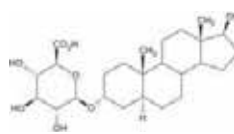
5β-Androstane-3β,17β-diol
CAS No. 6038-31-9
C₁₉H₃₂O₂ M.W. 292.40
NMID637B 1 mg[†]



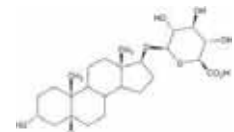
5α-Androstan-3α,17β-diol-17β-glucuronide
CAS No. 95237-44-8
C₂₅H₄₀O₈ M.W. 468.60
NMIS002 1 mg[†]



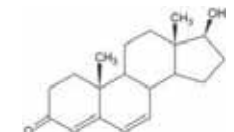
5β-Androstan-3α,17β-diol-O-3-β-glucuronic acid
CAS No. 114761-91-0
C₂₅H₄₀O₈ M.W. 468.60
NMIS003 1 mg[†]



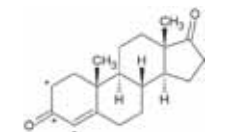
5α-Androstan-3α,17β-diol-O-3-β-glucuronic acid
CAS No. 65535-18-4
C₂₅H₄₀O₈ M.W. 468.60
NMIS004 1 mg[†]



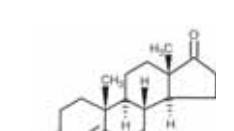
5β-Androstan-3α,17β-diol-O-17-β-glucuronic acid
CAS No. 7776-46-7
C₂₅H₄₀O₈ M.W. 468.60
NMIS005 1 mg[†]



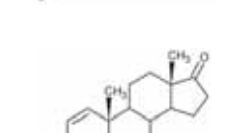
Androstan-4,6-diene-17β-ol-3-one
CAS No. 2484-30-2
C₁₉H₂₆O₂ M.W. 286.40
NMIS007 1 mg[†]



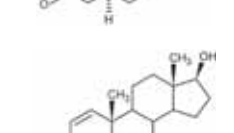
Androstene-3,17-dione-2,3,4-¹³C₃
CAS No. 327048-86-2
¹³C₃C₁₉H₂₆O₂ M.W. 289.40
A-084 100 µg/mL
1 mL Acetonitrile



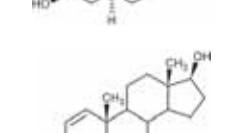
Androstenedione
CAS No. 63-05-8
C₁₉H₂₆O₂ M.W. 286.41
A-075 1.0 mg/mL
1 mL Acetonitrile
NMIM955 10 mg[†]
PHY89562-100MG, -500MG, -1000MG[†]



1-Androstendione
(5α-Androst-1-en-3,17-dione)
CAS No. 571-40-4
C₁₉H₂₆O₂ M.W. 286.40
NMID845 1 mg[†]



5α-Androst-1-ene-3β,17β-diol
CAS No. 5323-27-3
C₁₉H₃₀O₂ M.W. 290.40
NMID871 1 mg[†]

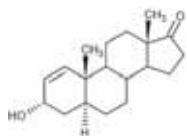


5β-Androst-1-en-17β-ol-3-one
CAS No. 10529-96-1
C₁₉H₂₆O₂ M.W. 288.40
NMID564 1 mg[†]

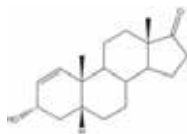


5β-Androst-1-en-17β-ol-3-one glucuronide
CAS No. 361432-77-1
C₂₅H₃₆O₈ M.W. 464.60
NMID935 approx 1 mg[†]

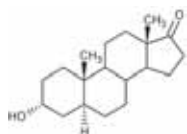
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



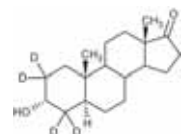
5α-Androst-1-ene-3α-ol-17-one
CAS No. 38859-37-9
C₁₉H₂₈O₂ M.W. 288.40
NMID832 0.2 mg[†]



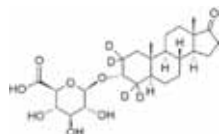
5β-Androst-1-en-3α-ol-17-one
CAS No. 33805-57-1
C₁₉H₂₈O₂ M.W. 288.40
NMIS022 1 mg[†]



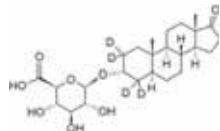
Androsterone
CAS No. 53-41-8
C₁₉H₃₀O₂ M.W. 290.40
NMID550 10 mg[†]



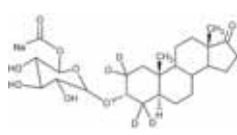
D₄-Androsterone
CAS No. 361432-60-2
C₁₉H₂₆D₄O₂ M.W. 294.50
NMID549 1 mg[†]



Androsterone-D₄ glucuronide
C₂₅H₃₄D₄O₈ M.W. 470.59
A-099 100 µg/mL
1 mL Methanol

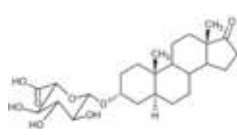


D₄-Androsterone glucuronide
C₂₅H₃₃D₄O₈ M.W. 469.60
NMID829A 1 mg[†]

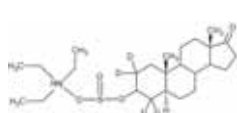


d₄-Androsterone-β-glucuronic acid
C₂₅H₃₄D₄O₈ M.W. 470.60
NMID829E 1 mg[†]

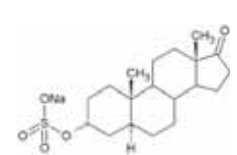
NEW



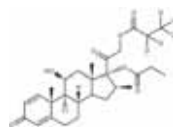
Androsterone glucuronide
CAS No. 1852-43-3
C₂₅H₃₈O₈ M.W. 466.50
NMID572 1 mg[†]



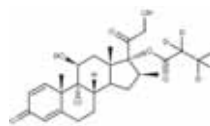
D₄-Androsterone sulfate
CAS No. 89685-12-1
C₂₅H₄₁D₄NO₅S M.W. 475.70
NMID587 1 mg[†]



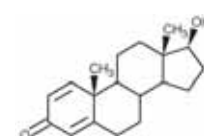
Androsterone sulfate sodium salt
CAS No. 1852-41-1
C₁₉H₂₆O₅Na M.W. 392.50
NMID610B 1 mg[†]



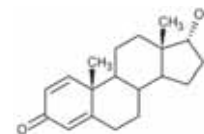
Beclomethasone dipropionate-D₅
CAS No. 5534-09-8
C₂₈H₃₂D₅ClO₇ M.W. 526.07
B130289-10 10 mg[†]



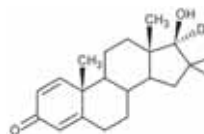
Beclomethasone 17-propionate-D₅
CAS No. 69224-79-9
C₂₈H₂₈D₅ClO₆ M.W. 470.01
B140288-10 10 mg[†]



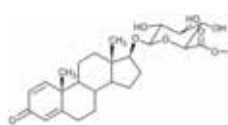
Boldenone
CAS No. 846-48-0
C₁₉H₂₆O₂ M.W. 286.41
NMIM876 10 mg[†]



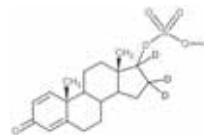
17α-Boldenone
(Epiboldenone)
CAS No. 27833-18-7
C₁₉H₂₆O₂ M.W. 286.40
NMID582 1 mg[†]



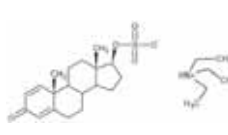
D₃-17β-Boldenone
CAS No. 361432-76-0
C₁₉H₂₃D₃O₂ M.W. 289.40
NMID581 1 mg[†]



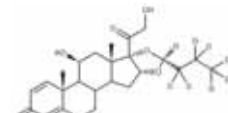
17β-Boldenone glucuronide potassium salt
C₂₅H₃₃D₃O₈K M.W. 500.60
NMID862 1 mg[†]



D₃-17β-Boldenone sulfate
C₁₉H₂₂D₃NaO₅S M.W. 391.50
NMID811 1 mg[†]



Boldenone sulfate, triethylamine salt
C₂₅H₄₁NO₅S M.W. 467.70
NMID931 5 mg[†]

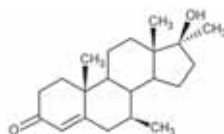


Budesonide-D₈
CAS No. 51333-22-3
C₂₅H₂₆D₈O₆ M.W. 438.58
B130293-10 10 mg[†]

Calcidiol
(see 25-Hydroxyvitamin D₂, page 79;
25-Hydroxyvitamin D₃, page 79]

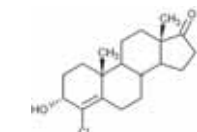
Calcifediol
(see 25-Hydroxyvitamin D₃, page 79)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



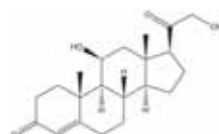
Calcitriol

(see 1 α ,25-Dihydroxyvitamin D2, page 75; 1 α ,25-Dihydroxyvitamin D3, page 75)



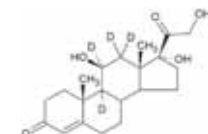
Calusterone

CAS No. 17021-26-0
C₂₁H₃₂O₂ M.W. 316.20
NMID618 1 mg[†]



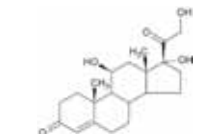
4-Chloro-4-androsten-3 α -ol-17-one

CAS No. 51348-73-3
C₁₉H₂₇ClO₂ M.W. 322.90
NMID563 1 mg[†]



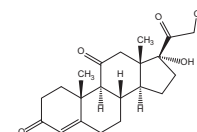
Corticosterone

CAS No. 50-22-6
C₂₁H₃₀O₄ M.W. 346.46
C-117 1.0 mg/mL
1 mL Methanol



Cortisol-D₄

(9,11,12,12-D₄)
CAS No. 73565-87-4
C₂₁H₂₈D₄O₅ M.W. 366.48
C-113 100 μ g/mL
1 mL Methanol



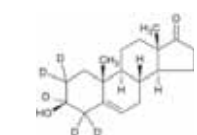
Cortisol

CAS No. 50-23-7
C₂₁H₃₀O₅ M.W. 362.46
C-106 1.0 mg/mL
1 mL Methanol



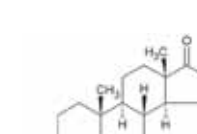
Cortisone

CAS No. 53-06-5
C₂₁H₂₈O₅ M.W. 360.44
C-130 1.0 μ g/mL
1 mL Methanol



Cortodoxone

(see 11-Deoxycortisol, page 74)



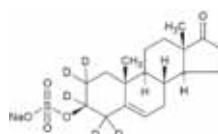
Deca-Durabolin

(see Nandrolone, page 80)



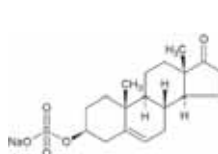
Dehydroepiandrosterone (DHEA)

CAS No. 53-43-0
C₁₉H₂₈O₂ M.W. 288.42
D-063 1.0 mg/mL
1 mL Methanol
NMID796B 10 mg[†]
NMID796 100 mg[†] **NEW**



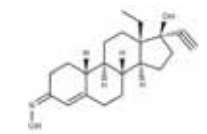
Dehydroepiandrosterone-D₅-3-sulfate sodium salt

(DHEAS-D₅) (2,2,3,4,4,-D₅)
C₁₉H₂₂D₅NaO₅S M.W. 395.50
D-066 100 μ g/mL (as free sulfate)
1 mL Methanol



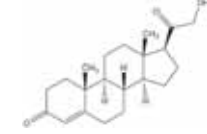
Dehydroepiandrosterone 3-sulfate sodium salt

(DHEAS)
CAS No. 1099-87-2
C₁₉H₂₈NaO₅S M.W. 391.48
D-065 1.0 mg/mL (as free sulfate)
1 mL Methanol



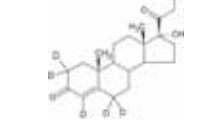
Desacetylnorgestimate

CAS No. 53016-31-2
C₂₁H₂₈NO₂ M.W. 327.46
B120113-25 25 mg[†]



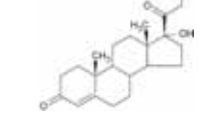
11-Deoxycorticosterone

CAS No. 64-85-7
C₂₁H₃₀O₃ M.W. 330.46
D-105 100 μ g/mL
1 mL Methanol



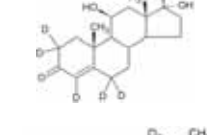
11-Deoxycortisol-D₅

(2,2,4,6,6-D₅)
C₂₁H₂₈D₅O₄ M.W. 351.49
D-078 100 μ g/mL
1 mL Methanol



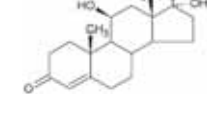
11-Deoxycortisol

CAS No. 152-58-9
C₂₁H₃₀O₄ M.W. 346.46
D-061 1.0 mg/mL
1 mL Methanol



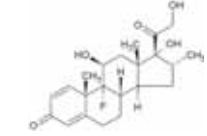
21-Deoxycortisol-D₈

(2,2,4,6,6,21,21-D₈)
C₂₁H₂₂D₈O₄ M.W. 354.51
D-076 100 μ g/mL
1 mL Methanol



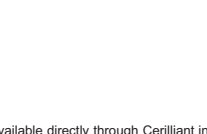
21-Deoxycortisol

CAS No. 641-77-0
C₂₁H₃₀O₄ M.W. 346.46
D-062 100 μ g/mL
1 mL Methanol



11-Desoxycorticosterone

(see 11-Deoxycorticosterone, page 74)



Dexamethasone

CAS No. 50-02-2
C₂₂H₂₉FO₅ M.W. 392.47
D-085 1.0 mg/mL
1 mL Methanol

DHEA

(see Dehydroepiandrosterone (DHEA), page 74)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

DHEAS

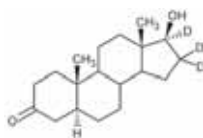
[see Dehydroepiandrosterone 3-sulfate sodium salt (DHEAS), page 74]

DHT

(see 5 α -Dihydrotestosterone (DHT), page 75)

Dianabol

(see Methandienone, page 80)



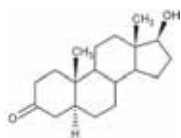
5 α -Dihydrotestosterone-D₃

CAS No. 361432-57-7

C₁₉H₂₇D₃O₂ M.W. 293.46

D-077 100 µg/mL
1 mL Methanol

NMID552 1 mg[†]



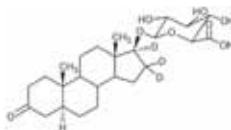
5 α -Dihydrotestosterone (DHT)

CAS No. 521-18-6

C₁₉H₃₀O₂ M.W. 290.44

D-073 1.0 mg/mL
1 mL Methanol

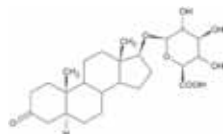
NMID680 10 mg[†]



D₃-5 α -Dihydrotestosterone glucuronide

C₂₅H₃₅D₃O₈ M.W. 469.60

NMID573 1 mg[†]

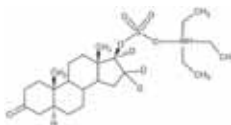


5 α -Dihydrotestosterone- β -glucuronide free acid

CAS No. 42037-24-1

C₂₅H₃₈O₈ M.W. 466.60

NMIS006 1 mg[†]

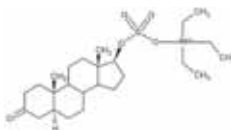


D₃-5 α -Dihydrotestosterone sulfate

CAS No. 89685-27-8

C₂₅H₄₂D₃NO₅S M.W. 474.70

NMID590 1 mg[†]



5 α -Dihydrotestosterone sulfate

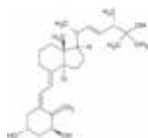
CAS No. 2641-48-7

C₂₅H₄₅NO₅S M.W. 471.70

NMID609 1 mg[†]

17 α -Dihydroxyprogesterone

(see 21-Deoxycortisol, page 74)

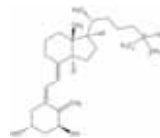


1 α ,25-Dihydroxyvitamin D₂

CAS No. 60133-18-8

C₂₈H₄₄O₃ M.W. 428.65

H-090 5 µg/mL
1 mL Ethanol

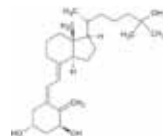


1,25-Dihydroxyvitamin D₃-¹³C₃ **NEW**

(25,26,27-¹³C₃)

¹³C₃C₂₄H₄₄O₃ M.W. 419.64

H-107 5 µg/mL
1 mL Ethanol

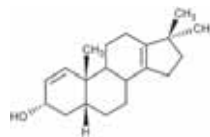


1 α ,25-Dihydroxyvitamin D₃

CAS No. 32222-06-3

C₂₇H₄₄O₃ M.W. 416.64

H-089 5 µg/mL
1 mL Ethanol

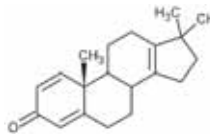


17,17-Dimethyl-18-nor-5 β -androsta-1,13-diene-3 α -ol

CAS No. 132830-78-5

C₂₀H₃₀O M.W. 286.50

NMID639 1 mg[†]

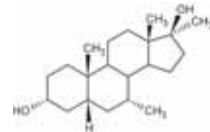


17,17-Dimethyl-18-norandrosta-1,4,13-trien-3-one

CAS No. 77702-25-1

C₂₀H₂₈O M.W. 282.40

NMID576 5 mg[†]

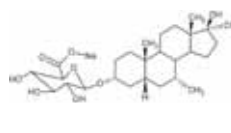


7 α ,17 α -Dimethyl-5 β -androstane-3 α ,17 β -diol

CAS No. 13611-10-4

C₂₁H₃₆O₂ M.W. 320.50

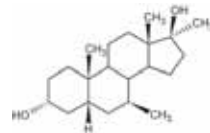
NMID614 1 mg[†]



7 α ,17 α -Dimethyl-5 β -androstane-3 α ,17 β -diol glucuronide

C₂₇H₄₃O₈Na M.W. 518.60

NMID628 1 mg[†]

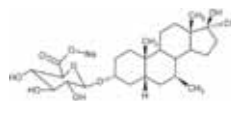


7 β ,17 α -Dimethyl-5 β -androstane-3 α ,17 β -diol

CAS No. 153546-23-7

C₂₁H₃₆O₂ M.W. 320.40

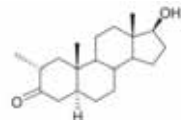
NMID624 1 mg[†]



7 β ,17 α -Dimethyl-5 β -androstane-3 α ,17 β -diol glucuronide

C₂₇H₄₃O₈Na M.W. 518.60

NMID629 1 mg[†]

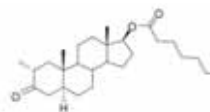


Drostanolone **NEW**

CAS No. 58-19-5

C₂₀H₃₂O₂ M.W. 304.50

NMIS026 20 mg[†]



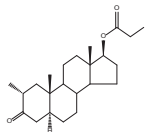
Drostanolone enanthate **NEW**

CAS No. 13425-31-5

C₂₇H₄₄O₃ M.W. 416.60

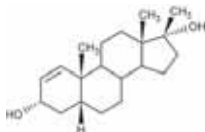
NMIS027 40 mg[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

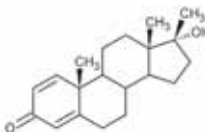


Drostanolone propionate NEW

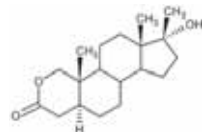
CAS No. 521-12-0
 $C_{23}H_{36}O_3$ M.W. 360.50
NMIS025 20 mg[†]



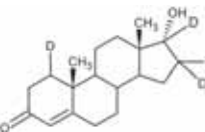
Epimetendiol
 CAS No. 132830-78-5
 $C_{20}H_{32}O_2$ M.W. 304.5
NMID638 1 mg[†]



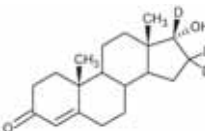
17-Epimethandienone
 CAS No. 33526-40-8
 $C_{20}H_{28}O_2$ M.W. 300.40
NMID562 1 mg[†]



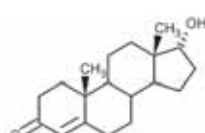
17-Epioxandrolone
 CAS No. 26624-15-7
 $C_{19}H_{30}O_3$ M.W. 306.40
NMID620 1 mg[†]



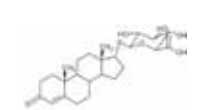
Epitestosterone-D₄
 $C_{19}H_{26}D_4O_2$ M.W. 292.45
NMIS001 1 mg[†]



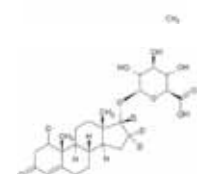
D₃-Epitestosterone
 CAS No. 354819-88-8
 $C_{19}H_{25}D_3O_2$ M.W. 291.40
NMID548 1 mg[†]



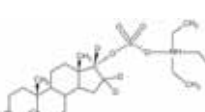
Epitestosterone
 CAS No. 481-30-1
 $C_{19}H_{28}O_2$ M.W. 288.42
E-058 1.0 mg/mL
 1 mL Acetonitrile
NMID547 1 mg[†]



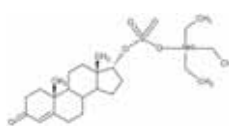
Epitestosterone glucuronide
 CAS No. 16996-33-1
 $C_{25}H_{36}O_8$ M.W. 464.60
NMID603 1 mg[†]



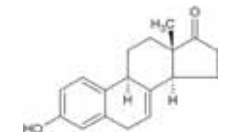
d₄-Epitestosterone-17-O-β-glucuronic acid (available to WADA laboratories only)
 $C_{25}H_{32}D_4O_8$ M.W. 468.60
NMIS023 1 mg[†]



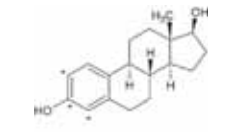
D₃-Epitestosterone sulfate
 CAS No. 182296-43-1
 $C_{25}H_{40}D_3NO_5S$ M.W. 472.70
NMID591 1 mg[†]



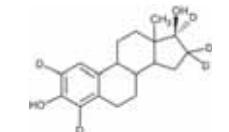
Epitestosterone sulfate
 CAS No. 4579-56-0
 $C_{25}H_{43}NO_5S$ M.W. 469.60
NMID605 1 mg[†]



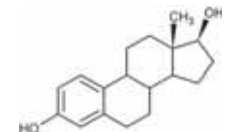
Equilin
 CAS No. 474-86-2
 $C_{18}H_{20}O_2$ M.W. 268.35
E-078 1.0 mg/mL
 1 mL Methanol



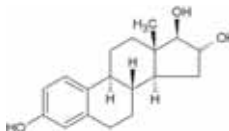
17β-Estradiol-2,3,4-¹³C₃
 CAS No. 1261254-48-1
 $^{13}C_3C_{18}H_{24}O_2$ M.W. 275.36
E-073 100 µg/mL
 1 mL Acetonitrile



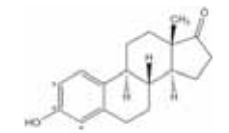
17β-Estradiol-D₅
 CAS No. 221093-45-4
 $C_{18}H_{19}D_5O_2$ M.W. 277.42
E-061 100 µg/mL
 1 mL Acetonitrile



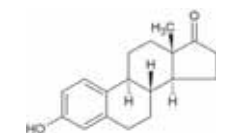
17β-Estradiol
 CAS No. 50-28-2
 $C_{18}H_{24}O_2$ M.W. 272.38
E-060 1.0 mg/mL
 1 mL Acetonitrile



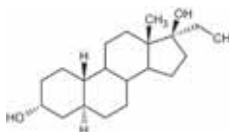
Estriol
 CAS No. 50-27-1
 $C_{18}H_{24}O_3$ M.W. 288.38
E-074 1.0 mg/mL
 1 mL Methanol



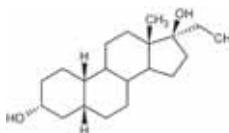
Estrone-2,3,4-¹³C₃ NEW
 CAS No. 1241684-29-6
 $^{13}C_3C_{15}H_{22}O_2$ M.W. 273.34
E-108 100 µg/mL
 1 mL Methanol



Estrone
 CAS No. 53-16-7
 $C_{18}H_{22}O_2$ M.W. 270.37
E-075 1.0 mg/mL
 1 mL Methanol

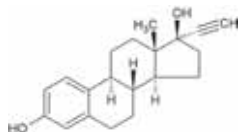


17α-Ethyl-5α-estrane-3α,17β-diol
 CAS No. 6961-15-5
 $C_{20}H_{34}O_2$ M.W. 306.50
NMID558 1 mg[†]

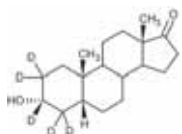


17α-Ethyl-5β-estrane-3α,17β-diol
 CAS No. 31658-50-1
 $C_{20}H_{34}O_2$ M.W. 306.50
NMID559 1 mg[†]

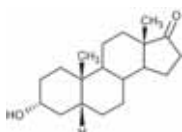
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



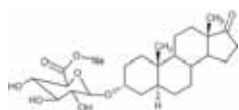
17α-Ethynylestradiol
CAS No. 57-63-6
 $C_{20}H_{24}O_2$ M.W. 296.40
E-076 1.0 mg/mL
1 mL Methanol



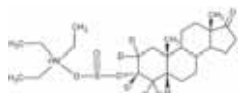
D₅-Etiocholanolone
 $C_{19}H_{25}D_5O_2$ M.W. 295.50
NMID528 1 mg[†]



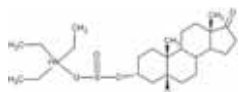
Etiocholanolone
CAS No. 53-42-9
 $C_{19}H_{30}O_2$ M.W. 290.50
NMID551B 1 mg[†]



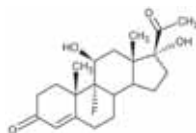
Etiocholanolone glucuronide
CAS No. 3602-09-03
 $C_{25}H_{37}O_8Na$ M.W. 488.50
NMID607 1 mg[†]



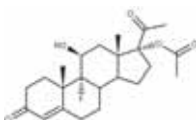
D₅-Etiocholanolone sulfate
 $C_{25}H_{40}D_5NO_5S$ M.W. 476.70
NMID606 1 mg[†]



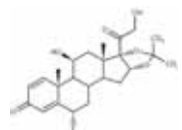
Etiocholanolone sulfate
CAS No. 977-36-6
 $C_{25}H_{45}NO_5S$ M.W. 471.60
NMID608 1 mg[†]



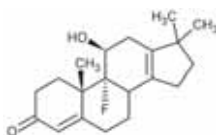
Flugestone
(Fluorogestone)
CAS No. 337-03-1
 $C_{21}H_{26}FO_4$ M.W. 364.50
NMID652 5 mg[†]



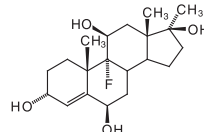
Flugestone acetate
CAS No. 2529-45-5
 $C_{23}H_{31}FO_5$ M.W. 406.49
B110234-100 100 mg[†]



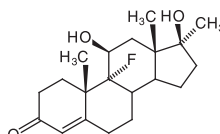
Flunisolid-D₆
CAS No. 3385-03-3
 $C_{24}H_{25}D_6FO_6$ M.W. 440.53
B130313-5 5 mg[†]



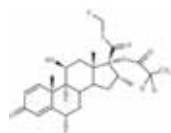
9α-Fluoro-17,17-dimethyl-18-nor-androstan-4,13-diene-11β-ol-3-one
CAS No. 3863-16-9
 $C_{20}H_{27}FO_2$ M.W. 318.40
NMID571 1 mg[†]



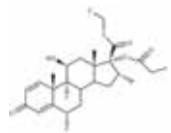
9α-Fluoro-17α-methyl-4-androsten-3α, 6β, 11β, 17β-tetra-ol
CAS No. 148505-57-1
 $C_{20}H_{31}FO_4$ M.W. 354.50
NMID616 1 mg[†]



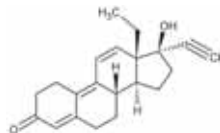
Fluoxymesterone
CAS No. 76-43-7
 $C_{20}H_{28}FO_3$ M.W. 336.45
F-909 1.0 mg/mL
1 mL 1,2-Dimethoxyethane



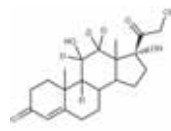
Fluticasone propionate-D₅
CAS No. 80474-14-2
 $C_{26}H_{26}D_5F_3O_5S$ M.W. 505.60
B130314-10 10 mg[†]



Fluticasone propionate
CAS No. 80474-14-2
 $C_{26}H_{31}F_3O_5S$ M.W. 500.57
B110237-100 100 mg[†]

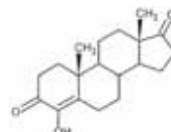


Gestrinone
CAS No. 16320-04-0
 $C_{21}H_{24}O_2$ M.W. 308.40
NMID860 10 mg[†]

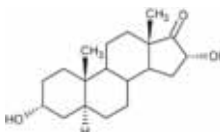


Hydrocortisone
(see Cortisol, page 74)

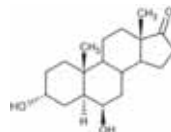
Hydrocortisone-9α,11α,12α,12β-D₄
CAS No. 73565-87-4
 $C_{21}H_{26}D_4O_5$ M.W. 366.48
B130023-10 10 mg[†]



4-Hydroxyandrostendione
(Formestane)
CAS No. 566-48-3
 $C_{19}H_{26}O_3$ M.W. 302.40
NMID852 1 mg[†]

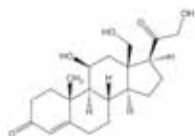


16α-Hydroxyandrosterone
CAS No. 14167-49-8
 $C_{19}H_{30}O_3$ M.W. 306.40
NMID843 1 mg[†]



6β-Hydroxyandrosterone
CAS No. 152886-16-3
 $C_{19}H_{30}O_3$ M.W. 306.40
NMID886 1 mg[†]

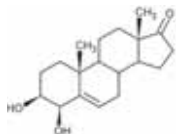
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



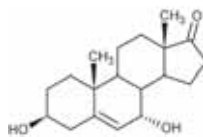
18-Hydroxycorticosterone **NEW**

CAS No. 561-65-9
 $C_{21}H_{30}O_5$ M.W. 362.47
H-106 100 µg/mL
 1 mL 10% Water
 in Acetonitrile

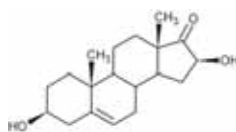
17-Hydroxy-11-dehydrocorticosterone (see Cortisone, page 74)



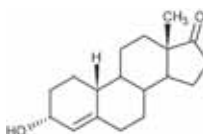
4β-Hydroxy DHEA
 CAS No. 63518-24-1
 $C_{19}H_{28}O_3$ M.W. 304.40
NMID834 1 mg[†]



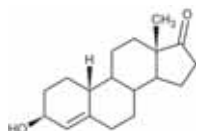
7α-Hydroxy DHEA
 CAS No. 2487-48-1
 $C_{19}H_{28}O_3$ M.W. 304.40
NMID865 1 mg[†]



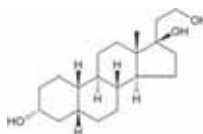
16β-Hydroxy DHEA
 CAS No. 1159-68-8
 $C_{19}H_{28}O_3$ M.W. 304.40
NMID844 1 mg[†]



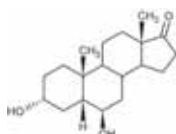
3α-Hydroxy-4-estren-17-one
 CAS No. 65336-99-4
 $C_{18}H_{26}O_2$ M.W. 274.40
NMID873 1 mg[†]



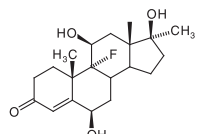
3β-Hydroxy-4-estren-17-one
 CAS No. 15396-48-2
 $C_{18}H_{26}O_2$ M.W. 274.40
NMID866 1 mg[†]



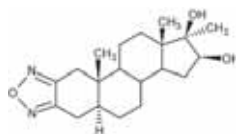
17α-Hydroxyethyl-5β-estrane-3α,17β-diol
 CAS No. 1245704-40-8
 $C_{20}H_{34}O_3$ M.W. 322.50
NMIS015 1 mg[†]



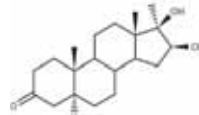
6β-Hydroxyetiocholanolone
 CAS No. 14357-02-9
 $C_{19}H_{28}O_3$ M.W. 306.40
NMID867 1 mg[†]



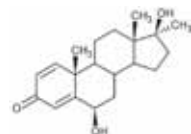
6β-Hydroxyfluoxymesterone
 CAS No. 88936-08-7
 $C_{20}H_{28}FO_4$ M.W. 352.44
NMID617 1 mg[†]



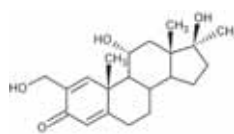
16β-Hydroxyfurazabol
 CAS No. 36455-74-0
 $C_{20}H_{30}N_2O_3$ M.W. 346.50
NMID602 1 mg[†]



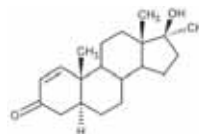
16β-Hydroxymestanolone
 CAS No. 863760-64-9
 $C_{20}H_{32}O_3$ M.W. 320.47
B120396-10 10 mg[†]



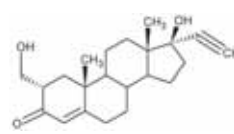
6β-Hydroxymethandienone
 CAS No. 33526-41-9
 $C_{20}H_{28}O_3$ M.W. 316.40
NMID565 1 mg[†]



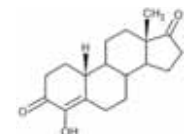
2-Hydroxymethyl-17α-methyl-androstadiene-11α,17β-diol-3-one
 CAS No. 59400-02-1
 $C_{21}H_{30}O_4$ M.W. 346.50
NMID622 1 mg[†]



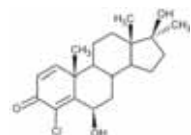
17β-Hydroxy-17α-methyl-5α-androst-1-ene-3-one
 CAS No. 65-04-3
 $C_{20}H_{30}O_2$ M.W. 302.50
NMID904 1 mg[†]



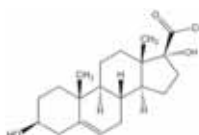
2α-Hydroxymethylethisterone
 CAS No. 2787-03-3
 $C_{27}H_{30}O_3$ M.W. 329.30
NMID920 1 mg[†]



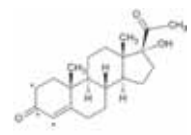
4-Hydroxynandrolone
 (Oxabolone)
 CAS No. 4721-69-1
 $C_{18}H_{24}O_3$ M.W. 290.40
NMID853B 1 mg[†]



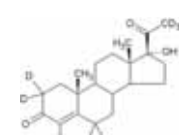
6β-Hydroxy-oral turinabol
 CAS No. 25486-01-5
 $C_{20}H_{27}ClO_3$ M.W. 350.90
NMID615 1 mg[†]



17α-Hydroxypregnenolone
 CAS No. 387-79-1
 $C_{21}H_{32}O_3$ M.W. 332.48
H-105 100 µg/mL
 1 mL Methanol

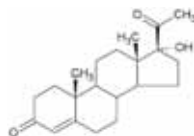


17α-Hydroxypregesterone-2,3,4-¹³C₃
 $^{13}C_3C_{18}H_{30}O_3$ M.W. 333.41
H-100 100 µg/mL
 1 mL Methanol



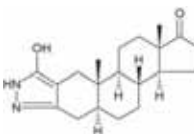
17α-Hydroxypregesterone-D₈
 (2,2,4,6,6,21,21,21-D₈)
 CAS No. 850023-80-2
 $C_{21}H_{22}D_8O_3$ M.W. 338.51
H-096 100 µg/mL
 1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

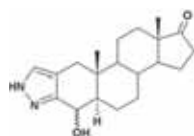


17α-Hydroxyprogesterone
CAS No. 68-96-2
 $C_{21}H_{30}O_3$ M.W. 330.46
H-085 1.0 mg/mL
1 mL Methanol

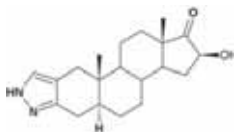
21-Hydroxyprogesterone
(see 11-Deoxycorticosterone, page 74)



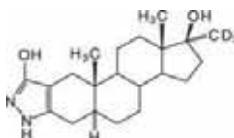
3'-Hydroxyprostanazol
CAS No. 1173998-80-5
 $C_{20}H_{26}N_2O_2$ M.W. 328.5
NMIS016 1 mg[†]



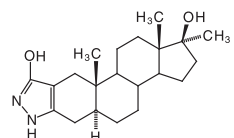
4α/β-Hydroxyprostanazol
 $C_{20}H_{26}N_2O_2$ M.W. 328.5
NMIS019 1 mg[†]



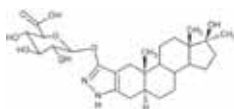
16β-Hydroxyprostanazol
 $C_{20}H_{26}N_2O_2$ M.W. 328.20
NMIS017 1 mg[†]



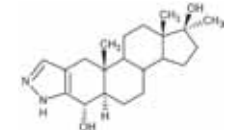
3'-Hydroxystanozolol-D₃
CAS No. 170082-17-4
 $C_{21}H_{25}D_3N_2O_2$ M.W. 347.47
S-070 5 mg



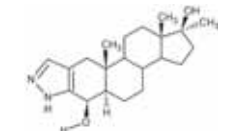
3-Hydroxystanozolol
CAS No. 125709-39-9
 $C_{21}H_{32}N_2O_2$ M.W. 344.50
NMID577 1 mg[†]



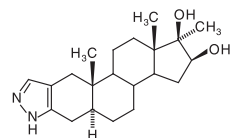
3'-Hydroxystanozolol glucuronide
CAS No. 361432-41-9
 $C_{27}H_{40}N_2O_8$ M.W. 520.60
NMID640 1 mg[†]



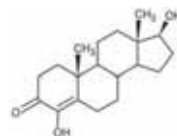
4α-Hydroxystanozolol
CAS No. 100356-20-5
 $C_{21}H_{32}N_2O_2$ M.W. 344.50
NMID642 1 mg[†]



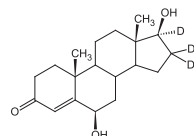
4β-Hydroxystanozolol
CAS No. 125636-92-2
 $C_{21}H_{32}N_2O_2$ M.W. 384.00
NMID641 1 mg[†]



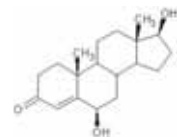
16β-Hydroxystanozolol
CAS No. 125590-76-3
 $C_{21}H_{32}N_2O_2$ M.W. 344.50
NMID621 1 mg[†]



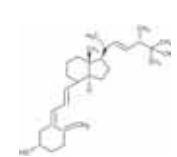
4-Hydroxytestosterone
CAS No. 2141-17-5
 $C_{19}H_{28}O_3$ M.W. 304.4
NMID851 approx 1 mg[†]



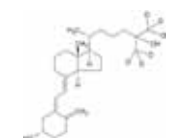
6β-Hydroxytestosterone-D₃
 $C_{19}H_{25}D_3O_3$ M.W. 307.43
T-034 100 µg/mL
1 mL Methanol



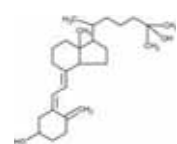
6β-Hydroxytestosterone
CAS No. 62-99-7
 $C_{19}H_{28}O_3$ M.W. 304.42
H-059 100 µg/mL
1 mL Methanol



25-Hydroxyvitamin D₂
CAS No. 21343-40-8
 $C_{28}H_{44}O_2$ M.W. 412.65
H-087 5 µg/mL
1 mL Ethanol
H-073 50 µg/mL
1 mL Ethanol

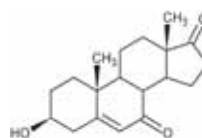


D₆-25-Hydroxyvitamin D₃
(26,26,26,27,27,27-D₆)
CAS No. 78782-98-6
 $C_{27}H_{36}D_6O_2$ M.W. 406.67
H-074 50 µg/mL
1 mL Ethanol

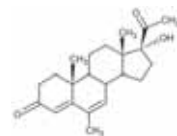


25-Hydroxyvitamin D₃
CAS No. 19356-17-3
 $C_{27}H_{44}O_2$ M.W. 400.63
H-086 5 µg/mL
1 mL Ethanol
H-083 100 µg/mL
1 mL Ethanol

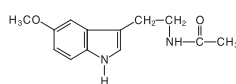
Kendall's compound E
(see Cortisone, page 74)



7-Keto DHEA
CAS No. 566-19-8
 $C_{19}H_{26}O_3$ M.W. 302.40
NMID833 10 mg[†]

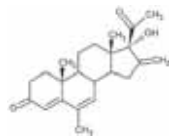


Megesterol
CAS No. 3562-63-8
 $C_{22}H_{30}O_3$ M.W. 342.50
NMID651 5 mg[†]

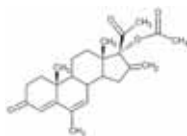


Melatonin
CAS No. 73-31-4
 $C_{13}H_{16}N_2O_2$ M.W. 232.28
M-095 1.0 mg/mL
1 mL Methanol

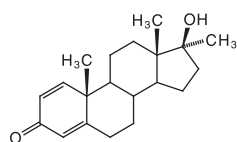
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



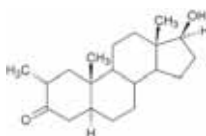
Melengestrol
CAS No. 5633-18-1
 $C_{23}H_{30}O_3$ M.W. 354.50
NMID655 5 mg[†]



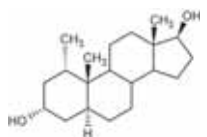
Melengestrol acetate
CAS No. 2919-66-6
 $C_{25}H_{32}O_4$ M.W. 396.50
NMID632 50 mg[†]



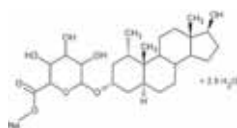
Methandienone
CAS No. 72-63-9
 $C_{20}H_{28}O_2$ M.W. 300.44
M-912 1.0 mg/mL
1 mL 1,2-Dimethoxyethane
NMID630 10 mg[†]



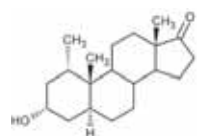
Methasterone **NEW**
CAS No. 3381-88-2
 $C_{21}H_{34}O_2$ M.W. 318.50
NMIS021 20 mg[†]



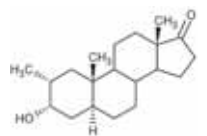
1-Methyl-5α-androstan-3α,17β-diol
CAS No. 4349-94-4
 $C_{20}H_{34}O_2$ M.W. 306.50
NMID556 1 mg[†]



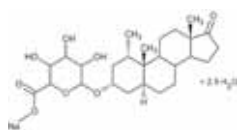
1-Methyl-5α-androstan-3α,17β-diol glucuronide
 $C_{26}H_{42}O_8$ M.W. 527.50
NMID599 1 mg[†]



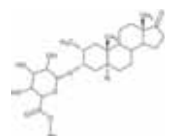
1-Methyl-5α-androstan-3α-ol-17-one
CAS No. 3398-67-2
 $C_{20}H_{32}O_2$ M.W. 304.50
NMID557 1 mg[†]



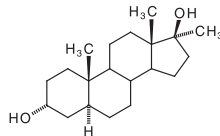
2α-Methyl-5α-androstan-3α-ol-17-one
CAS No. 6961-54-2
 $C_{20}H_{32}O_2$ M.W. 304.50
NMID567 1 mg[†]



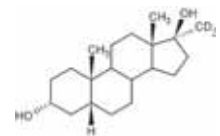
1-Methyl-5α-androstan-3α-ol-17-one glucuronide
 $C_{26}H_{40}O_8Na$ M.W. 547.60
NMID598 1 mg[†]



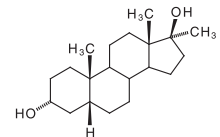
2α-Methyl-5α-androstan-3α-ol-17-one glucuronide
 $C_{26}H_{38}O_8Na$ M.W. 502.60
NMID601 1 mg[†]



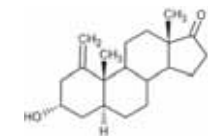
17α-Methyl-5α-androstane-3α,17β-diol
CAS No. 641-82-7
 $C_{20}H_{34}O_2$ M.W. 306.49
NMID560 1 mg[†]



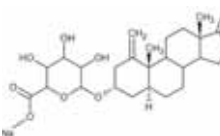
17α-Methyl-5β-androstane-3α,17β-diol-D₃
 $C_{20}H_{31}D_3O_2$ M.W. 309.50
NMID928 1 mg[†]



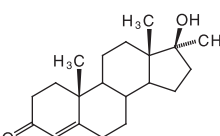
17α-Methyl-5β-androstane-3α,17β-diol
CAS No. 641-84-9
 $C_{20}H_{34}O_2$ M.W. 306.49
NMID561 1 mg[†]



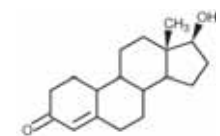
1-Methylene-5α-androstan-3α-ol-17-one
CAS No. 3398-66-1
 $C_{20}H_{30}O_2$ M.W. 302.40
NMID619 1 mg[†]



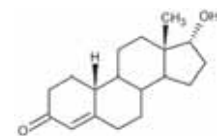
1-Methylene-5α-androstan-3α-ol-17-one glucuronide
 $C_{26}H_{37}O_8Na$ M.W. 536.50
NMID597 1 mg[†]



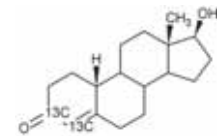
17α-Methyltestosterone
CAS No. 58-18-4
 $C_{20}H_{30}O_2$ M.W. 302.46
M-906 1.0 mg/mL
1 mL 1,2-Dimethoxyethane



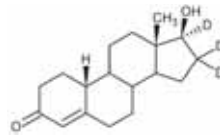
Nandrolone
CAS No. 434-22-0
 $C_{18}H_{26}O_2$ M.W. 274.40
N-050 1.0 mg/mL
1 mL Acetonitrile



17α-Nandrolone (Epi-nandrolone)
CAS No. 4409-34-1
 $C_{18}H_{26}O_2$ M.W. 274.40
NMID722D 1 mg[†]

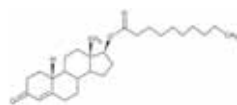


¹³C₂-17β-Nandrolone
CAS No. 82952-73-6
 $^{13}C_2C_{16}H_{26}O_2$ M.W. 276.40
NMID679 5 mg[†]

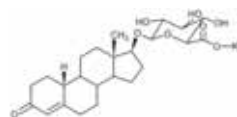


d₃-17β-Nandrolone
CAS No. 361432-70-4
 $C_{18}H_{23}D_3O_2$ M.W. 277.40
NMID583 5 mg[†]

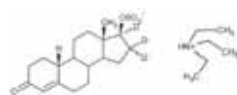
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



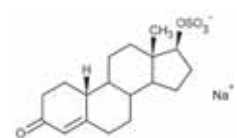
17β-Nandrolone decanoate
CAS No. 360-70-3
 $C_{28}H_{46}O_3$ M.W. 428.60
NMID684 10 mg[†]



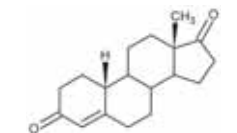
17β-Nandrolone glucuronide potassium salt
CAS No. 131749-24-1
 $C_{24}H_{33}O_8K$ M.W. 488.60
NMID861 1 mg[†]



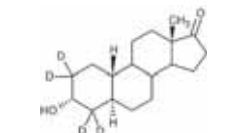
d₅-Nandrolone sulfate triethylammonium salt
 $C_{24}H_{36}D_5NO_5S$ M.W. 458.70
NMID782B 1 mg[†]



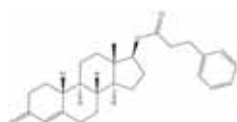
Nandrolone sulfate, sodium salt
CAS No. 60672-82-4
 $C_{18}H_{26}NaO_5S$ M.W. 376.40
NMID809 1 mg[†]



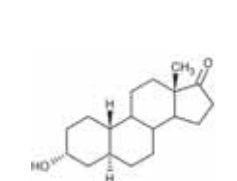
19-Norandrostendione (Estrendione)
CAS No. 734-32-7
 $C_{18}H_{24}O_2$ M.W. 272.20
NMID721 10 mg[†]



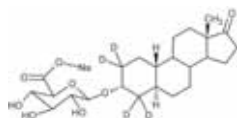
d₄-19-Norandrosterone
CAS No. 361432-47-5
 $C_{18}H_{24}D_4O_2$ M.W. 280.40
NMID584 1 mg[†]



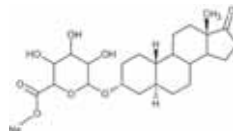
Nandrolone phenylpropionate **NEW**
CAS No. 62-90-8
 $C_{27}H_{34}O_3$ M.W. 406.60
NMIS029 20 mg[†]



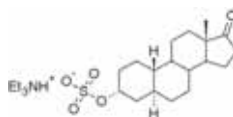
19-Norandrosterone
CAS No. 1225-01-0
 $C_{18}H_{26}O_2$ M.W. 276.40
NMID555 1 mg[†]
NMIMX002 2.13 ng/g[†]
Freeze Dried Human Urine
NMIMX003 221.4 ng/g[†]
1 mL 1,2-Dimethoxyethane



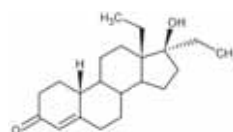
d₄-19-Norandrosterone glucuronide sodium salt
CAS No. 682355-44-8
 $C_{24}H_{33}D_4NaO_8$ M.W. 478.50
NMID898 1 mg[†]



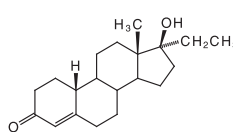
19-Norandrosterone glucuronide
CAS No. 294213-86-8
 $C_{24}H_{35}O_5Na$ M.W. 474.50
NMID596 1 mg[†]



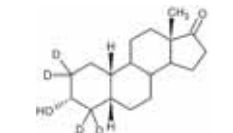
19-Norandrosterone sulfate
 $C_{24}H_{43}NO_5S$ M.W. 457.70
NMID841B 1 mg[†]



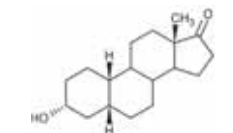
Norbolethone (13β,17α-Diethyl-gonan-4-ene-17β-ol-3-one)
CAS No. 1235-15-10
 $C_{27}H_{32}O_2$ M.W. 316.50
NMID825B 1 mg[†]



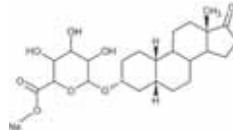
Norethandrolone
CAS No. 52-78-8
 $C_{20}H_{30}O_2$ M.W. 302.46
N-914 1.0 mg/mL
1 mL 1,2-Dimethoxyethane



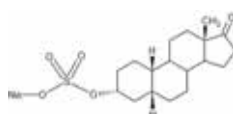
d₄-19-Noretiocholanolone
CAS No. 361432-50-0
 $C_{18}H_{24}D_4O_2$ M.W. 280.44
NMID742 1 mg[†]



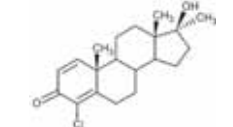
19-Noretiocholanolone
CAS No. 33036-33-8
 $C_{18}H_{28}O_2$ M.W. 276.40
NMID554 1 mg[†]



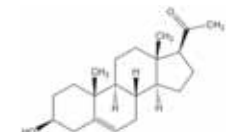
19-Noretiocholanolone glucuronide
CAS No. 294213-879
 $C_{24}H_{35}O_5Na$ M.W. 474.50
NMID595 1 mg[†]



19-Noretiocholanolone sulfate
 $C_{18}H_{27}NaO_5S$ M.W. 378.50
NMID849 1 mg[†]



Oral turinabol
CAS No. 2446-23-3
 $C_{20}H_{27}ClO_2$ M.W. 334.90
NMID613 1 mg[†]

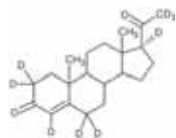


Pregnenolone **NEW**
CAS No. 145-13-1
 $C_{21}H_{32}O_2$ M.W. 316.48
P-104 100 µg/mL
1 mL Methanol

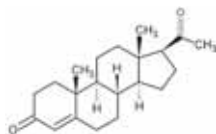
Premarin
(see Equilin, page 76)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

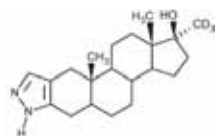
drugs, metabolites, impurities



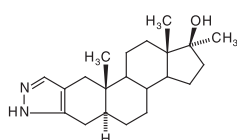
Progesterone-D₉
CAS No. 15775-74-3
C₂₁H₂₁D₉O₂ M.W. 323.52
P-070 100 µg/mL
1 mL Acetonitrile



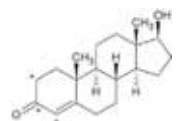
Progesterone
CAS No. 57-83-0
C₂₁H₃₀O₂ M.W. 314.46
P-069 1.0 mg/mL
1 mL Acetonitrile



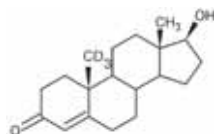
Stanozolol-D₃
CAS No. 88247-87-4
C₂₁H₂₆D₃N₂O M.W. 331.47
S-910 100 µg/mL
1 mL 1,2-Dimethoxyethane



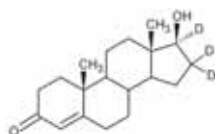
Stanozolol
CAS No. 10418-03-8
C₂₁H₃₂N₂O M.W. 328.50
S-906 1.0 mg/mL
1 mL 1,2-Dimethoxyethane
NMID646 10 mg[†]



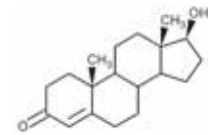
Testosterone-2,3,4-¹³C₃
¹³C₃C₁₆H₂₆O₂ M.W. 291.44
T-070 100 µg/mL
1 mL Acetonitrile



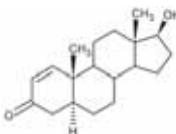
19-D₃-Testosterone
CAS No. 69660-28-2
C₁₉H₂₆D₃O₂ M.W. 291.40
NMID644 1 mg[†]



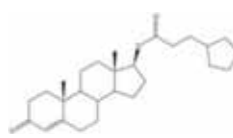
Testosterone-D₃
CAS No. 77546-39-5
C₁₉H₂₆D₃O₂ M.W. 291.44
T-046 100 µg/mL
1 mL Acetonitrile
NMID546 1 mg[†]



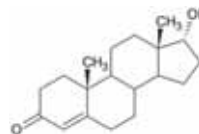
Testosterone
CAS No. 58-22-0
C₁₉H₂₆O₂ M.W. 288.00
T-037 1.0 mg/mL
1 mL Acetonitrile
NMIM914B 10 mg[†]



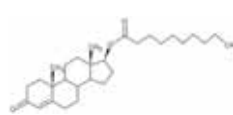
1-Testosterone
(5α-Androst-1-en-3-one-17β-ol)
CAS No. 65-06-5
C₁₉H₂₆O₂ M.W. 288.42
NMID767 1 mg[†]



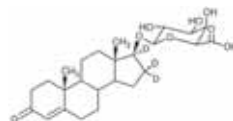
Testosterone cypionate
CAS No. 58-20-8
C₂₇H₄₀O₃ M.W. 412.60
NMIS018 20 mg[†]



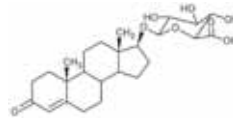
Testosterone and Epitestosterone
Testosterone 2.553 µg/g
Epitestosterone 0.626 µg/g
NMIMX006 1 mL Methanol[†]



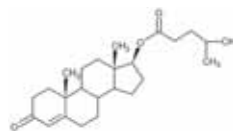
Testosterone decanoate
CAS No. 5721-91-5
C₂₉H₄₆O₃ M.W. 442.70
NMID683 10 mg[†]



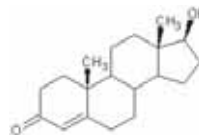
16,16,17-D₃-Testosterone glucuronide
CAS No. 4145-59-9
C₂₅H₃₂D₃O₈ M.W. 467.60
NMID505 1 mg[†]



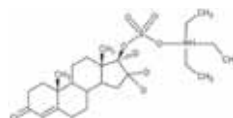
Testosterone glucuronide
CAS No. 1180-25-2
C₂₅H₃₆O₈ M.W. 464.60
NMID507 1 mg[†]



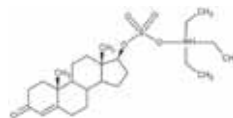
Testosterone isocaproate
(4-methylpentanoate)
CAS No. 15262-86-9
C₂₅H₃₈O₃ M.W. 386.60
NMID688 10 mg[†]



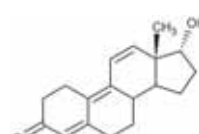
Testosterone Metabolites
Testosterone 39.9 ng/g
Epitestosterone 10.66 ng/g
NMIMX005 1 bottle Freeze Dried Human Urine[†]



16,16,17-D₃-Testosterone sulfate
C₂₅H₄₀D₃NO₅S M.W. 472.70
NMID506 1 mg[†]

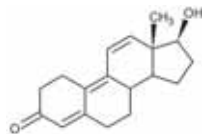


Testosterone sulfate
C₂₅H₄₃NO₅S M.W. 469.70
NMID508 1 mg[†]

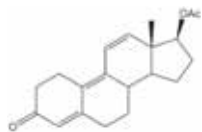


17α-Trenbolone **NEW**
(Epitrenbolone)
CAS No. 80657-17-6
C₁₈H₂₂O₂ M.W. 270.40
NMID708 5 mg[†]
B120511-25 25 mg[†]
B120511-50 50 mg[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



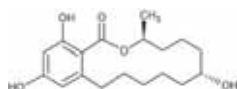
17β-Trenbolone
CAS No. 10161-33-8
 $C_{18}H_{22}O_2$ M.W. 270.37
T-043 1.0 mg/mL
1 mL Acetonitrile



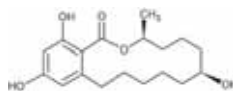
Trenbolone acetate
CAS No. 10161-34-9
 $C_{20}H_{24}O_3$ M.W. 312.40
NMIS024 20 mg[†]

NEW

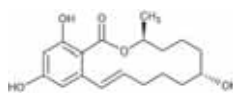
Winstrol
(see Stanozolol, page 82)



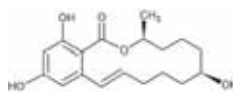
α-Zearalanol
CAS No. 26538-44-3
 $C_{18}H_{26}O_5$ M.W. 322.40
NMIP1801 5 mg[†]



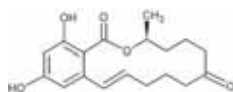
β-Zearalanol
CAS No. 42422-68-4
 $C_{18}H_{26}O_5$ M.W. 322.40
NMIP1802 5 mg[†]



α-Zearalenol
CAS No. 36455-72-8
 $C_{18}H_{24}O_5$ M.W. 320.40
NMIP1795 5 mg[†]



β-Zearalenol
CAS No. 71030-11-0
 $C_{18}H_{24}O_5$ M.W. 320.40
NMIP1796 5 mg[†]



Zearalenone
CAS No. 17924-92-4
 $C_{18}H_{22}O_5$ M.W. 318.40
NMIP1787 10 mg[†]

stimulants (non-amphetamine)

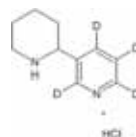
Stimulants such as nicotine and derivatives of pyrovalerone promote increased wakefulness, endurance, and alertness. Side effects of these drugs can include anxiety, insomnia, fatigue, and in some instances, neurotoxicity. These psychoactive drugs exert their effects predominantly by modulating the activity of catecholamines such as dopamine and norepinephrine.

The number of smokers worldwide is expected to increase to 1.6 billion by the year 2025, up 500 million from the current worldwide total of 1.1 billion.¹ Within the last couple of years, electronic nicotine inhalers known as e-cigarettes have expanded in popularity across Europe and North America as an alternative to traditional cigarettes. Use of e-cigarette devices among US middle and high school students tripled from 2013 to 2014, bringing the share of US high school students who use e-cigarettes to 13 percent.² In an effort to establish the safety of e-cigarettes, researchers have developed chromatographic methods to quantify potentially harmful constituents of e-cigarette vapor.³

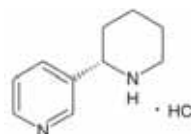
Pyrovalerone is a stimulant sometimes prescribed to manage chronic fatigue and lethargy. Over the past several years, derivatives of pyrovalerone have emerged in the clandestine drug market as “legal” alternatives to illicit substances under local or international control.⁴

Synthetic pyrovalerone derivatives including MDPV, naphyrone, α-PVP, and α-PPP are sold online and on the street as “bath salts.”⁵ In 2014, the US DEA reported 670 incidents related to the use of

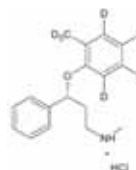
a new street drug blend called Flakka that allegedly contains α-PVP as its primary chemical ingredient.⁶ Use of Flakka has been linked to deaths by suicide as well as heart attacks.⁷



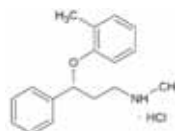
Anabesine-D₄ HCl
 $C_{10}H_{10}D_4N_2 \cdot HCl$ M.W. 202.72
A-100 100 µg/mL (as free base)
1 mL Methanol



(+)-Anabesine HCl
CAS No. 53912-89-3
 $C_{10}H_{14}N_2 \cdot HCl$ M.W. 198.69
A-097 1.0 mg/mL (as free base)
1 mL Methanol



Atomoxetine-D₇ HCl
 $C_{11}H_{14}D_7NO \cdot HCl$ M.W. 298.86
A-093 100 µg/mL (as free base)
1 mL Methanol



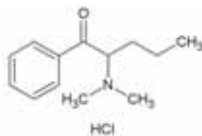
Atomoxetine HCl
CAS No. 82248-59-7
 $C_{11}H_{14}NO \cdot HCl$ M.W. 291.82
A-095 1.0 mg/mL (as free base)
1 mL Methanol

1. <http://quitsmoking.about.com/od/tobaccostatistics/a/tobaccofacts.htm>
2. http://www.nytimes.com/2015/04/17/health/use-of-e-cigarettes-rises-sharply-among-teenagers-report-says.html?_r=0
3. <http://www.sciencedirect.com/science/article/pii/S0021967313005001>
4. <http://www.thetruthaboutforensicscience.com/tag/derivatives-of-pyrovalerone/>
5. http://www.unodc.org/unodc/secured/wdr/wdr2013/World_Drug_Report_2013.pdf
6. <http://www.prweb.com/releases/2015/04/prweb12634487.htm>
7. <http://www.drugabuse.gov/drugs-abuse/emerging-trends#spice>

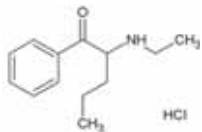
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

drugs, metabolites, impurities

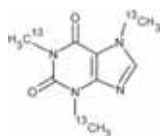
stimulants (non-amphetamine)



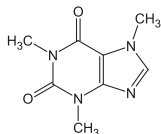
α-Dimethylaminopentiophenone HCl **NEW**
 $C_{13}H_{19}NO \cdot HCl$ M.W. 241.80
NMID1006 20 mg[†]



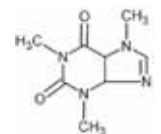
α-Ethylaminopentiophenone HCl **NEW**
 CAS No. 18268-16-1
 $C_{13}H_{19}NO \cdot HCl$ M.W. 241.80
NMID1005 10 mg[†]



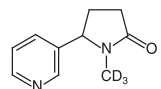
Caffeine-¹³C₃
 CAS No. 58-08-2
 $^{13}C_8H_{10}N_4O_2$ M.W. 197.19
C-082 1.0 mg/mL
 1 mL Methanol



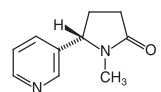
Caffeine
 CAS No. 58-08-2
 $C_8H_{10}N_4O_2$ M.W. 194.19
C-051 1.0 mg/mL
 1 mL Methanol



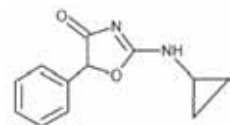
Caffeine **NEW**
 CAS No. 58-08-2
 $C_8H_{10}N_4O_2$ M.W. 194.20
NMIM724 50 mg[†]



(±)-Cotinine-D₃
 CAS No. 66269-66-7
 $C_{10}H_9D_3N_2O$ M.W. 179.19
C-017 100 µg/mL
 1 mL Methanol
C-035 1.0 mg/mL
 1 mL Methanol



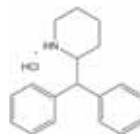
(-)-Cotinine
 CAS No. 486-56-6
 $C_{10}H_{12}N_2O$ M.W. 176.22
C-016 1.0 mg/mL
 1 mL Methanol



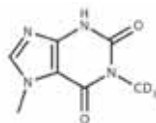
Cyclazadone
 CAS No. 14461-91-7
 $C_{12}H_{12}N_2O_2$ M.W. 216.20
NMID914 10 mg[†]

Desmethylocotinine
 (see (R,S)-Norcotinine, page 86)

Desmethylnicotine
 (see (±)-Nor nicotine, page 86)



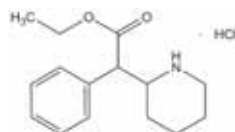
Desoxypipradrol HCl (2-DPMP HCl)
 CAS No. 5807-81-8
 $C_{18}H_{21}N \cdot HCl$ M.W. 287.83
D-082 1.0 mg/mL (as free base)
 1 mL Methanol



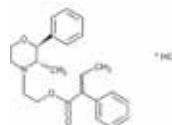
1,7-Dimethylxanthine-D₃
 $C_7H_5D_3N_4O_2$ M.W. 183.13
B140119-10 10 mg[†]

2-DPMP
 [see Desoxypipradrol HCl (2-DPMP HCl), page 84]

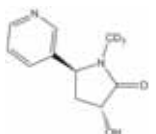
2-Diphenylmethylpiperidine
 [see Desoxypipradrol HCl (2-DPMP HCl), page 84]



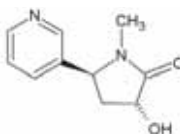
(±)-threo-Ethylphenidate HCl **NEW**
 CAS No. 214149-46-9
 $C_{18}H_{21}NO_2 \cdot HCl$ M.W. 283.79
E-088 1.0 mg/mL (as free base)
 1 mL Methanol



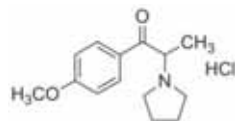
Fenbutrazate HCl
 CAS No. 6474-85-7
 $C_{23}H_{30}ClNO_3$ M.W. 403.90
NMID915 1 mg[†]



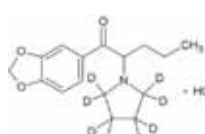
trans-3'-Hydroxycotinine-D₃
 CAS No. 159956-78-2
 $C_{10}H_9D_3N_2O_2$ M.W. 195.24
H-108 100 µg/mL
 1 mL Methanol



trans-3'-Hydroxycotinine
 CAS No. 34834-67-8
 $C_{10}H_{12}N_2O_2$ M.W. 192.21
H-101 1.0 mg/mL
 1 mL Methanol

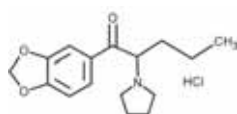


4-Methoxy-N-pyrrolidinopropiophenone HCl (MOPPP HCl) **NEW**
 CAS No. 478243-09-3
 $C_{14}H_{19}NO_2 \cdot HCl$ M.W. 269.80
NMID1024 10 mg[†]

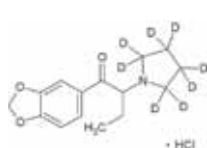


3,4-Methylenedioxypyrovalerone-D₈ HCl (MDPV-D₈ HCl)
 CAS No. 1246820-09-6
 $C_{16}H_{13}D_8NO_3 \cdot HCl$ M.W. 319.85
M-150 100 µg/mL (as free base)
 1 mL Methanol

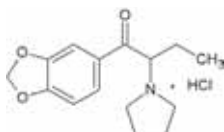
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



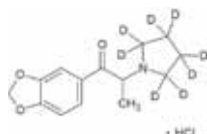
3,4-Methylenedioxypropylvalerone HCl
CAS No. 24622-62-6
 $C_{16}H_{21}NO \cdot HCl$ M.W. 311.80
M-146 1.0 mg/mL (as free base)
1 mL Methanol



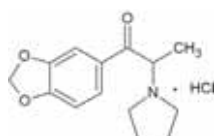
MDPBP-D₈ HCl (3',4'-(Methylenedioxy)-2-(1-pyrrolidinyl)butyrophenone-D₈ HCl)
CAS No. 1346599-16-3
 $C_{15}H_7D_8NO_3 \cdot HCl$ M.W. 305.83
M-175 100 µg/mL (as free base)
1 mL Methanol



MDPBP HCl
CAS No. 24622-60-4
 $C_{15}H_{19}NO_3 \cdot HCl$ M.W. 297.78
M-154 1.0 mg/mL (as free base)
1 mL Methanol



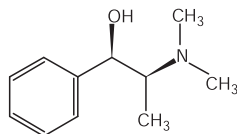
MDPPP-D₈ HCl (3',4'-Methylenedioxy-α-pyrrolidinopropiophenone-D₈ HCl)
CAS No. 1346601-54-4
 $C_{14}H_9D_8NO_3 \cdot HCl$ M.W. 291.80
M-177 100 µg/mL (as free base)
1 mL Methanol



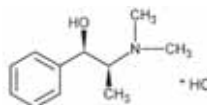
MDPPP HCl (3',4'-Methylenedioxy-α-pyrrolidinopropiophenone HCl) **NEW**
CAS No. 24698-57-5
 $C_{14}H_{17}NO_3 \cdot HCl$ M.W. 283.75
M-176 1.0 mg/mL (as free base)
1 mL Methanol

MDPV
(see 3,4-Methylenedioxypropylvalerone HCl, page 85)

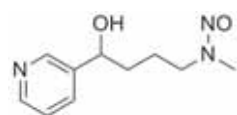
3',4'-Methylenedioxy-α-pyrrolidinopropiophenone
(see MDPPP HCl, page 85)



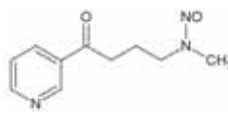
Methylephedrine
CAS No. 552-79-4
 $C_{11}H_{17}NO$ M.W. 179.26
M-129 1.0 mg/mL
1 mL Methanol



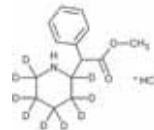
(-)-Methylephedrine HCl
CAS No. 552-79-4
 $C_{11}H_{17}ClNO$ M.W. 215.70
NMIM243 20 mg[†]



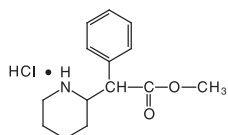
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL)
CAS No. 76014-81-8
 $C_{10}H_{15}N_3O_2$ M.W. 209.24
N-074 1.0 mg/mL
1 mL Methanol



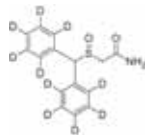
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNK)
CAS No. 64091-91-4
 $C_{10}H_{13}N_3O_2$ M.W. 207.23
N-076 1.0 mg/mL
1 mL Methanol



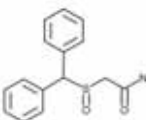
Methylphenidate-D₈ HCl
CAS No. 1219804-02-0
 $C_{14}H_{10}D_8NO_2 \cdot HCl$ M.W. 278.83
M-127 100 µg/mL (as free base)
1 mL Methanol



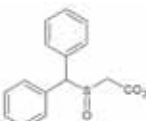
Methylphenidate HCl
CAS No. 298-59-9
 $C_{14}H_{19}NO_2 \cdot HCl$ M.W. 269.77
M-083 1.0 mg/mL (as free base)
1 mL Methanol



Modafinil-D₁₀
CAS No. 1219804-30-4
 $C_{15}D_{10}H_5NO_2S$ M.W. 283.41
M-103 100 µg/mL
1 mL Acetonitrile



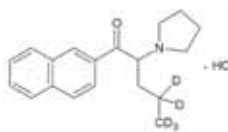
Modafinil
CAS No. 68693-11-8
 $C_{15}H_{15}NO_2S$ M.W. 273.35
M-084 1.0 mg/mL
1 mL Acetonitrile



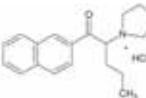
Modafinil acid
CAS No. 63547-24-0
 $C_{15}H_{15}NO_2S$ M.W. 273.35
M-142 1.0 mg/mL
1 mL Acetonitrile

NAB
[see (S)-N-Nitrosoanabasine (NAB), page 86]

Naphthylpyrovalerone
(see Naphyrone HCl, page 85)

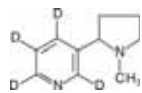


Naphyrone-D₅ HCl
 $C_{19}H_{18}D_5NO \cdot HCl$ M.W. 322.88
N-085 100 µg/mL (as free base)
1 mL Methanol

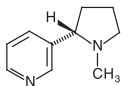


Naphyrone HCl
CAS No. 850352-11-3
 $C_{19}H_{23}NO \cdot HCl$ M.W. 317.85
N-067 1.0 mg/mL (as free base)
1 mL Methanol

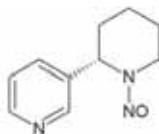
NAT
(see (S)-N-Nitrosoanatabine, page 86)



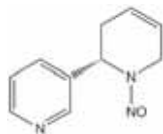
(±)-Nicotine-D₄
CAS No. 350818-69-8
 $C_{10}H_{10}D_4N_2$ M.W. 166.20
N-048 100 µg/mL
1 mL Acetonitrile



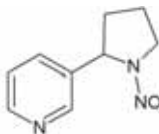
S(-)-Nicotine
CAS No. 54-11-5
 $C_{10}H_{14}N_2$ M.W. 162.23
N-008 1.0 mg/mL
1 mL Methanol



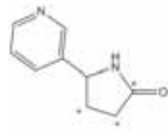
(S)-N-Nitrosoanabasine (NAB)
CAS No. 1133-64-8
 $C_{10}H_{13}N_3O$ M.W. 191.23
N-077 1.0 mg/mL
1 mL Methanol



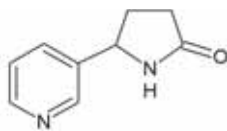
(S)-N-Nitrosoanatabine **NEW**
CAS No. 71267-22-6
 $C_{10}H_{11}N_3O$ M.W. 189.21
N-078 1.0 mg/mL
1 mL Acetonitrile



(±)-N'-Nitrosornicotine
CAS No. 80508-23-2
 $C_9H_{11}N_3O$ M.W. 177.20
N-075 1.0 mg/mL
1 mL Methanol



(R,S)-Norcotinine-¹³C₃ **NEW**
CAS No. 1020719-70-3
 $^{13}C_3C_9H_{10}N_2O$ M.W. 165.17
N-095 100 µg/mL
1 mL Methanol

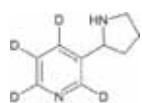


(R,S)-Norcotinine
CAS No. 17708-87-1
 $C_9H_{10}N_2O$ M.W. 162.19
N-079 1.0 mg/mL
1 mL Methanol

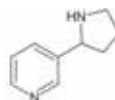
NNAL
[see 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL), page 85]

NNK
[see 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK), page 85]

NNN
[see (±)-N'-Nitrosornicotine, page 86]



(±)-Norcotinine-D₄
CAS No. 66148-18-3
 $C_9H_8D_4N_2$ M.W. 152.23
N-072 100 µg/mL
1 mL Methanol



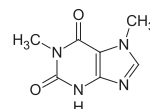
(±)-Nornicotine
CAS No. 5746-86-1
 $C_9H_{12}N_2$ M.W. 148.2
N-071 1.0 mg/mL
1 mL Methanol

NRG-1
(see Naphyrone HCl, page 85)

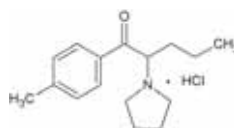
α-PBP
(see α-Pyrrolidinobutiophenone HCl, page 86)

α-PPP
[see (±)-α-Pyrrolidinopropiophenone HCl, page 86]

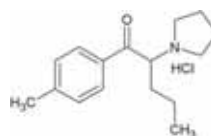
Provigil
(see Modafinil, page 85)



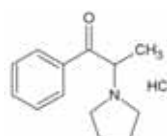
Paraxanthine
CAS No. 611-59-6
 $C_7H_8N_4O_2$ M.W. 180.16
IMPC-051-03 1.0 mg/mL
1 mL Methanol



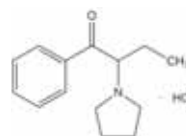
Pyrovalerone HCl
CAS No. 1147-62-2
 $C_{16}H_{23}NO \cdot HCl$ M.W. 281.82
P-081 1.0 mg/mL (as free base)
1 mL Methanol



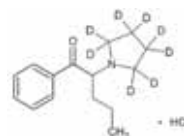
Pyrovalerone HCl
CAS No. 1147-62-2
 $C_{16}H_{23}NO \cdot HCl$ M.W. 281.8
NMID985 20 mg[†]



(±)-α-Pyrrolidinopropiophenone HCl
CAS No. 92040-10-3
 $C_{13}H_{18}ClNO$ M.W. 239.7
P-100 1.0 mg/mL (as free base)
1 mL Methanol
NMID956 20 mg[†]

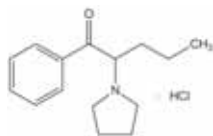


α-Pyrrolidinobutiophenone HCl (α-PBP HCl) **NEW**
CAS No. 13415-54-8
 $C_{14}H_{19}NO \cdot HCl$ M.W. 253.77
P-110 1.0 mg/mL (as free base)
1 mL Methanol



α-Pyrrolidinovalerophenone-D₈ HCl (α-PVP-D₈ HCl)
 $C_{15}H_{13}D_8NO \cdot HCl$ M.W. 275.84
P-101 100 µg/mL (as free base)
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

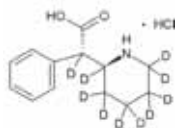


α -PVP HCl
CAS No. 5485-65-4
 $C_{15}H_{21}NO \cdot HCl$ M.W. 267.79
P-090 1.0 mg/mL (as free base)
1 mL Methanol

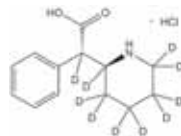
Pyrrolidinopentiophenone
(see α -PVP HCl, page 87)

Pyrrolidinovalerophenone
(see α -PVP HCl, page 87)

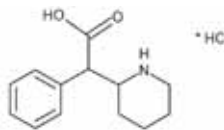
Ritalin
(see Methylphenidate HCl, page 85)



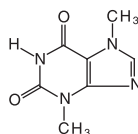
(±)-threo-Ritalinic acid-D₁₀ HCl
 $C_{13}H_7D_{10}ClNO_2 \cdot HCl$ M.W. 265.80
R-014 100 µg/mL (as free base)
1 mL Methanol



(±)-threo-Ritalinic acid-D₁₀ HCl **NEW**
 $C_{13}H_7D_{10}NO_2 \cdot HCl$ M.W. 265.80
R-027 1.0 mg/mL (as free base)
1 mL Methanol



Ritalinic acid HCl
CAS No. 19395-41-6
 $C_{13}H_{17}NO_2 \cdot HCl$ M.W. 255.73
R-011 1.0 mg/mL (as free base)
1 mL Methanol



Theobromine
CAS No. 83-67-0
 $C_7H_8N_4O_2$ M.W. 180.17
T-013 100 µg/mL
1 mL Methanol

Strattera
(see Atomoxetine HCl, page 83)

Thymergix
(see Pyrovalerone HCl, page 86)

vitamins

Vitamins including isoforms of A, B, D, E and K play vital functions in cellular metabolism from lipid, hormone, and enzyme production to intra- and extracellular transport and gene expression.¹ Deficiencies in vitamins can lead to the development of chronic diseases such as anemia, cardiovascular disease, and cancer. Clinical screening of vitamins or their metabolic analogs by HPLC or LC-MS/MS is routinely performed to assess potential vitamin deficiencies in neonates, pregnant women, and the elderly as well as among adult men and women.²

In the United States (US), sales of dietary supplements are projected to increase to \$15.5 billion by 2017, a 35% increase from the 2012 level of \$11.5 billion.³ The US Food and Drug Administration (FDA) requires manufacturers of vitamin dietary supplements to establish an identity specification for each component used in the manufacturing of dietary supplements.⁴ The main methods currently used for vitamin dietary supplement testing include TLC, HPTLC, and HPLC.⁵ Over the past decade, use of LC-MS/MS methods for food and dietary supplement testing has increased due to its high sensitivity and throughput, reduction in sample treatment steps compared with other techniques such as GC/MS, and its lower limits of quantitation.⁶

The development of analytical methods for vitamins can be challenging due to the sensitivity many vitamins have to air, light

and solution pH. Water-soluble vitamins such as riboflavin, niacin, and vitamin B₆, for example, degrade rapidly when exposed to light, and exhibit varying degrees of sensitivity to solution pH. These vitamin specific challenges, if unaddressed during method development, have the potential to reduce the accuracy and precision of the end use testing application.⁷

Calcidiol
(see Vitamin D₂, page 89)

Cholecalciferol
(see Vitamin D₃, page 89)

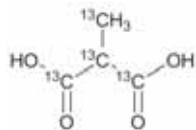


Cyanocobalamin
CAS 68-19-9
 $C_{63}H_{88}CoN_{14}O_{14}P$ M.W. 1355.37
V-019 1.0 mg/mL
1 mL Methanol

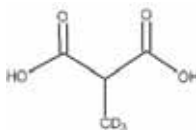
1,25-Dihydroxycholecalciferol
(see 1,25-Dihydroxyvitamin D₃-¹³C₃
(25,26,27-¹³C₃), page 75)

Ergocalciferol
(see Vitamin D₂, page 89)

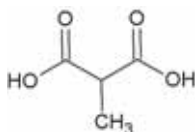
1. Lehninger AL and Nelson DL. Principles of Biochemistry. Fifth Edition. New York, W.H Freeman, 2008
2. Ashwood ER, Bruns DE and Burtis CA. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. Fifth Edition. Elsevier Health Services, 2012
3. <http://www.nutraingredients-usa.com/Markets/Supplement-sales-hit-11.5-billion-in-U.S.-report-says>
4. <http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=111.80>
5. Mead WJ. Dietary Supplement Good Manufacturing Practices Preparing for Compliance. London, Informa Healthcare, 2012
6. http://www.foodquality.com/details/article/4885381/Analytical_Trends_in_Measuring_Food_Quality.html?tzcheck=1
7. http://tigerprints.clemson.edu/cgi/viewcontent.cgi?article=2736&context=all_theses



Methylmalonic acid-¹³C₄
CAS No. 1173019-21-0
¹³C₄H₆O₄ M.W. 122.06
M-173 100 µg/mL
1 mL Acetonitrile



Methyl-D₃-malonic acid
CAS No. 42522-59-8
C₄H₃D₃O₄ M.W. 121.11
M-105 1.0 mg/mL
1 mL Acetonitrile

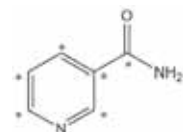


Methylmalonic acid
CAS No. 516-05-2
C₄H₆O₄ M.W. 118.09
M-080 1.0 mg/mL
1 mL Acetonitrile

MMA
(see Methylmalonic acid, page 88)

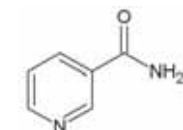
Menaquinone 4
(see Vitamin K2 (MK-4), page 89)

Menatetrenone
(see Vitamin K2 (MK-4), page 89)

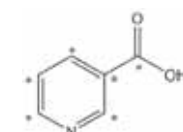


Nicotinamide-¹³C₆ (Vitamin B3-¹³C₆)
¹³C₆H₆N₂O M.W. 128.08
V-034 100 µg/mL
1 mL Methanol

NEW

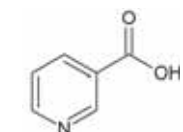


Nicotinamide
CAS No. 98-92-0
C₆H₆N₂O M.W. 122.12
V-016 1.0 mg/mL
1 mL Methanol



Nicotinic acid-¹³C₆ (Vitamin B3-¹³C₆)
CAS No. 1189954-79-7
¹³C₆H₅NO₂ M.W. 129.07
V-035 100 µg/mL
1 mL Methanol

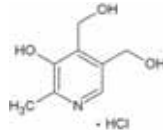
NEW



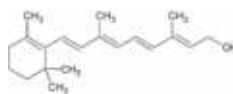
Nicotinic acid
CAS No. 59-67-6
C₆H₅NO₂ M.W. 123.11
V-017 1.0 mg/mL
1 mL Methanol

Phytonadione
(see Vitamin K1, page 89)

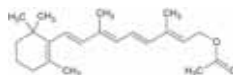
Phytoradiene
(see Vitamin K1, page 89)



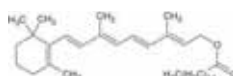
Pyridoxine HCl
CAS No. 58-56-0
C₈H₁₁NO₃ · HCl M.W. 205.64
V-018 1.0 mg/mL (as free base)
1 mL Methanol



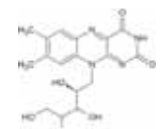
Retinol
CAS No. 68-26-8
C₂₀H₃₀O M.W. 286.45
V-011 100 µg/mL
1 mL Ethanol with 0.1%
(w/v) BHT



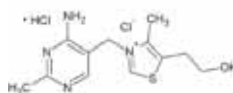
Retinyl acetate
CAS No. 127-47-9
C₂₂H₃₂O₂ M.W. 328.49
V-013 100 µg/mL
1 mL Ethanol with 0.1%
(w/v) BHT



Retinyl palmitate
CAS No. 79-81-2
C₃₆H₆₀O₂ M.W. 524.86
V-012 100 µg/mL
1 mL Ethanol with 0.1%
(w/v) BHT



(-)-Riboflavin (Vitamin B2) **NEW**
CAS No. 83-88-5
C₁₇H₂₀N₄O₆ M.W. 376.36
V-015 100 µg/mL
1 mL Methanol:0.1%
Ammonium acetate in
Water (1:1)



Thiamine HCl
CAS No. 67-03-8
C₁₂H₁₇ClN₄OS · HCl M.W. 337.27
V-014 1.0 mg/mL (as free base)
1 mL Methanol



(±)-α-Tocopherol-D₆ (Vitamin E-D₆) **NEW**
CAS No. 113892-08-3
C₂₉H₄₄D₆O₂ M.W. 436.74
V-010 500 µg/mL
1 mL Methanol



(±)-α-Tocopherol
CAS No. 10191-41-0
C₂₈H₅₀O₂ M.W. 430.71
V-020 1.0 mg/mL
1 mL Methanol



(+)-γ-Tocopherol
CAS No. 54-28-4
C₂₈H₄₈O₂ M.W. 416.68
V-021 1.0 mg/mL
1 mL Methanol



Tocopheryl acetate (Vitamin E acetate)
CAS No. 7695-91-2
C₃₁H₅₂O₃ M.W. 472.74
V-033 1.0 mg/mL
1 mL Methanol

NEW

Vitamin A
(see Retinol, page 88)

Vitamin A acetate
(see Retinyl acetate, page 88)

Vitamin A palmitate
(see Retinyl palmitate, page 88)

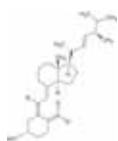
Vitamin B1
(see Thiamine HCl, page 88)

Vitamin B2
(see (-)-Riboflavin (Vitamin B2), page 88)

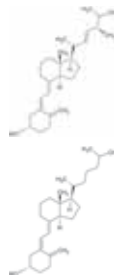
Vitamin B3
(see Nicotinamide, page 88; Nicotinic acid, page 88)

Vitamin B6
(see Pyridoxine HCl, page 88)

Vitamin B12
(see Cyanocobalamin, page 87)



D₃-Vitamin D2 (6,19,19-D₃)
CAS No. 1217448-46-8
 $C_{28}H_{41}D_3O$ M.W. 399.66
V-026 100 µg/mL
1 mL Ethanol



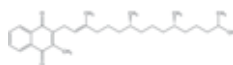
Vitamin D2
CAS No. 50-14-6
 $C_{28}H_{44}O$ M.W. 396.65
V-024 1.0 mg/mL
1 mL Ethanol

Vitamin D3
CAS No. 67-97-0
 $C_{27}H_{44}O$ M.W. 384.64
V-025 1.0 mg/mL
1 mL Ethanol

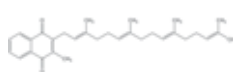
Vitamin E
[see (+)-γ-Tocopherol, page 88;
(±)-α-Tocopherol, page 88]

Vitamin E acetate
(see Tocopheryl acetate (Vitamin E acetate), page 88)

Vitamin K1 **NEW**
CAS No. 84-80-0
 $C_{31}H_{46}O_2$ M.W. 450.71
V-030 10 µg/mL
1 mL Ethanol



Vitamin K2 (MK-4) **NEW**
CAS No. 863-61-6
 $C_{31}H_{40}O_2$ M.W. 444.66
V-031 100 µg/mL
1 mL Acetonitrile



weight-loss drugs (non-amphetamine)

Amine and phenethylamine derivatives such as ephedrine, phentermine, fenfluramine, and sibutramine are central nervous system (CNS) stimulants historically marketed as **weight-loss drugs**, decongestants, and athletic performance enhancers.¹ Internationally, these substances are available only through a doctor's prescription due to severe, adverse health effects associated with their use including tachycardia, stroke, seizure and psychosis.² These drugs frequently appear in counterfeit medicines, in products marketed as alternatives to street drugs, and as adulterants in dietary and herbal supplements.³

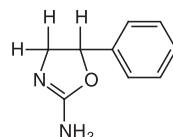
In order to ensure consumer safety, regulatory agencies in Europe, Canada, and the United States (US) prohibit the distribution of dietary supplements adulterated with ephedrine or other pharmaceutical compounds. Despite these regulations, amine and phenethylamine derivatives are frequently identified in food and dietary supplements. A study published in 2014 found that two-thirds of dietary supplements recalled by the US Food and Drug Administration (FDA) contained banned pharmaceuticals. Identified substances in the recalled supplements included sibutramine, sibutramine analogs, fluoxetine, anabolic steroids, erectile dysfunction drugs, and aromatase inhibitors.⁴

1. <http://clinical.diabetesjournals.org/content/25/4/135.long>

2. <http://altmedicine.about.com/cs/allergiesasthma/a/Ephedra.htm>

3. <https://www.nabp.net/news/counterfeit-phentermine-hci-tablets-found-in-united-states>

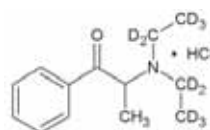
4. <http://media.jamanetwork.com/news-item/study-finds-high-percentage-of-recalled-dietary-supplements-still-have-banned-ingredients/>



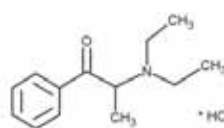
Amfepramone
(see Diethylpropion HCl, page 89)

Aminorex
CAS No. 2207-50-3
 $C_9H_{10}N_2O$ M.W. 162.19
A-040 1.0 mg/mL
1 mL Acetonitrile

Diethylcathinone
(see Diethylpropion HCl, page 89)



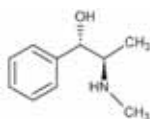
Diethylpropion-D₁₀ HCl
CAS No. 1189500-62-6
 $C_{13}H_9D_{10}NO \cdot HCl$ M.W. 251.82
D-122 100 µg/mL (as free base)
1 mL Methanol with 1% 1 M HCl



Diethylpropion HCl **NEW**
CAS No. 134-80-5
 $C_{13}H_{19}NO \cdot HCl$ M.W. 241.76
D-121 1.0 mg/mL (as free base)
1 mL Methanol
with 1% 1M HCl

drugs, metabolites, impurities

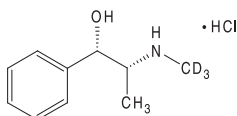
weight-loss drugs (non-amphetamine) -
other drugs



(+)-Ephedrine

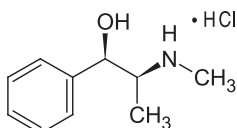
NEW

CAS No. 321-98-2
C₁₀H₁₅NO M.W. 165.2
NMIM723 100 mg[†]



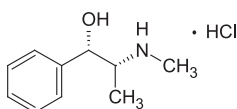
1S,2R(+)-Ephedrine-D₃ HCl

CAS No. 285979-73-9
C₁₀H₁₂D₃NO · HCl M.W. 204.67
E-025 100 µg/mL (as free base)
1 mL Methanol
E-026 1.0 mg/mL (as free base)
1 mL Methanol



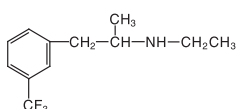
1R,2S(-)-Ephedrine HCl

CAS No. 50-98-6
C₁₀H₁₅NO · HCl M.W. 201.69
E-023 1.0 mg/mL (as free base)
1 mL Methanol
NMIM924 100 mg[†]



1S,2R(+)-Ephedrine HCl

CAS No. 24221-86-1
C₁₀H₁₅NO · HCl M.W. 201.69
E-011 1.0 mg/mL (as free base)
1 mL Methanol



Fenfluramine

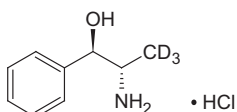
CAS No. 458-24-2
C₁₂H₁₆F₃N M.W. 231.26
F-009 1.0 mg/mL
1 mL Methanol

Meridia

(see Sibutramine HCl, page 90)

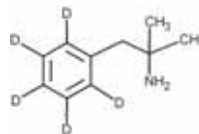
Norephedrine

[see (±)-Phenylpropanolamine HCl, page 90]



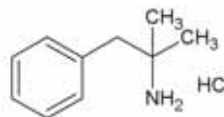
(±)-Norephedrine-D₃ HCl

C₉H₁₀D₃NO · HCl M.W. 190.65
N-043 1.0 mg/mL (as free base)
1 mL Methanol



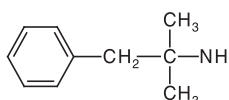
Phentermine-D₅ HCl

C₁₀D₅H₁₀N · HCl M.W. 190.72
P-034 100 µg/mL
1 mL Methanol



Phentermine HCl

CAS No. 1197-21-3
C₁₀H₁₆ClN M.W. 185.7
NMID781 100 mg[†]

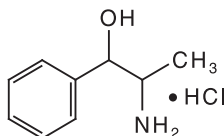


Phentermine

CAS No. 122-09-8
C₁₀H₁₅N M.W. 149.24
P-023 1.0 mg/mL
1 mL Methanol

Phenylpropanolamine

[see (±)-Norephedrine-D₃ HCl, page 90]

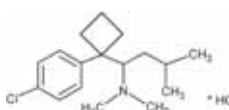


(±)-Phenylpropanolamine HCl

CAS No. 154-41-6
C₉H₁₃NO · HCl M.W. 187.67
P-038 1.0 mg/mL (as free base)
1 mL Methanol
NMIM296 100 mg[†]

PPA

[see (±)-Phenylpropanolamine HCl, page 90]



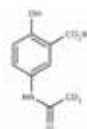
Sibutramine HCl

CAS No. 125494-59-9
C₁₇H₂₆ClN · HCl M.W. 334.32
S-011 1.0 mg/mL (as free base)
1 mL Methanol

Sibutrex

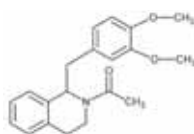
(see Sibutramine HCl, page 90)

other drugs



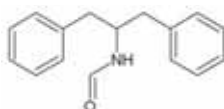
N-Acetylmeclofenamine-D₃

C₉H₆D₃NO₄ M.W. 198.19
B140198-10 10 mg[†]



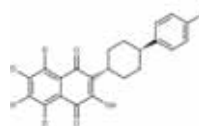
N-Acetyl norlaudanosine

CAS No. 860-23-1
C₂₂H₂₇NO₅ M.W. 385.50
NMID697 10 mg[†]



N-(α-Benzylphenethyl)formamide

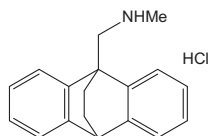
CAS No. 788-09-0
C₁₆H₁₇NO M.W. 239.30
NMID970 10 mg



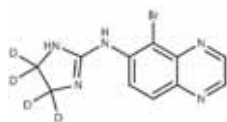
Atovaquone-D₄

CAS No. 95233-18-4
C₂₂H₁₅D₄ClO₃ M.W. 370.86
B130285-10 10 mg[†]

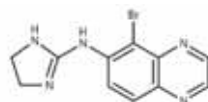
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



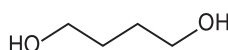
Benzocetamine HCl
CAS No. 10085-81-1
 $C_{18}H_{19}N$ M.W. 249.35
B110290-50 50 mg[†]



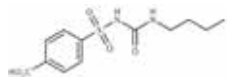
Brimonidine-D₄ tartrate
 $C_{11}H_6D_4BrN_5$ M.W. 296.16
B130106-10 10 mg[†]



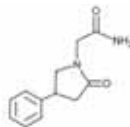
Brimonidine tartrate
CAS No. 70359-46-5
 $C_{11}H_{10}BrN_5$ M.W. 292.14
B110105-100 100 mg[†]



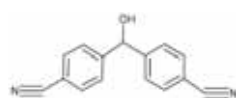
1,4-Butanediol
CAS No. 110-63-4
 $C_4H_{10}O_2$ M.W. 90.12
B-020 1.0 mg/mL
1 mL Methanol



Carboxytolbutamide
CAS No. 2224-10-4
 $C_{12}H_{16}N_2O_3S$ M.W. 300.33
B120297-50 50 mg[†]



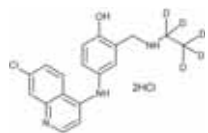
Carphedon **NEW**
CAS No. 77472-70-9 M.W. 218.30
NMID891 10 mg[†]



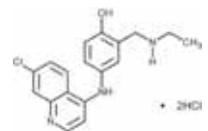
Bis-(4-cyanophenyl)methanol **NEW**
(Letrozole metabolite)
CAS No. 134521-16-7
 $C_{15}H_{10}N_2O$ M.W. 234.3
NMID909 approx 1 mg[†]

Champix
(see Varenicline tartrate, page 93)

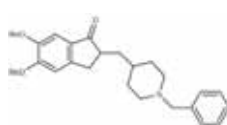
Chantix
(see Varenicline tartrate, page 93)



N-Desethylamodiaquine-D₅ diHCl
CAS No. 1216894-33-5
 $C_{18}H_{13}D_5ClN_3O \cdot 2HCl$ M.W. 405.76
D-040 100 µg/mL (as free base)
1 mL Methanol



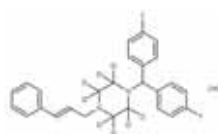
N-Desethylamodiaquine diHCl
CAS No. 79049-30-2
 $C_{18}H_{13}ClN_3O \cdot 2HCl$ M.W. 401.00
D-039 1.0 mg/mL (as free base)
1 mL Methanol



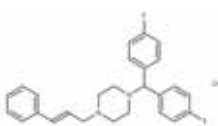
Donepezil HCl
CAS No. 120011-70-3
 $C_{24}H_{28}NO_3$ M.W. 379.49
B110307-100 100 mg[†]

Dimethylxanthine
(see Theophylline, page 93)

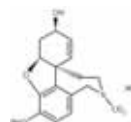
Ergamisol
[see (-)-Levamisole HCl, page 92]



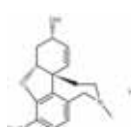
Flunarizine-D₈ diHCl
CAS No. 30484-77-6
 $C_{26}H_{18}D_8F_3N_2 \cdot 2HCl$ M.W. 485.47
B130312-10 10 mg[†]



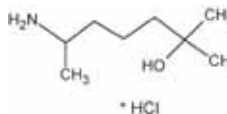
Flunarizine diHCl
CAS No. 30484-77-6
 $C_{26}H_{26}F_3N_2 \cdot 2HCl$ M.W. 477.42
B110311-100 100 mg[†]



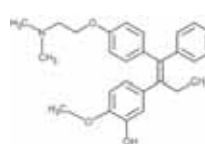
Galanthamine-D₃ HCl
CAS No. 357-70-0
 $C_{17}H_{19}D_3NO_3 \cdot HCl$ M.W. 326.83
B130317-10 10 mg[†]



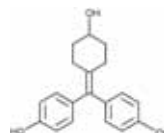
(+)-Galanthamine HBr
CAS No. 60384-53-4
 $C_{17}H_{21}NO_3 \cdot HBr$ M.W. 368.27
B150316-10 10 mg[†]



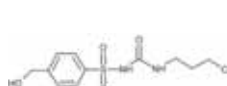
Heptaminol HCl
CAS No. 543-15-7
 $C_8H_{20}NOCl$ M.W. 181.70
NMIM299 50 mg[†]



3-Hydroxy-4-methoxytamoxifen
 $C_{27}H_{31}NO_3$ M.W. 417.50
NMID921 1 mg[†]



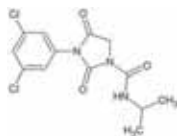
4-Hydroxycyclofenil
 $C_{19}H_{20}O_3$ M.W. 1296.40
NMID930 1 mg[†]



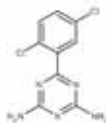
4-Hydroxytolbutamide
CAS No. 5719-85-7
 $C_{17}H_{18}N_2O_4S$ M.W. 286.00
H-054 1.0 mg/mL
1 mL Acetonitrile

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

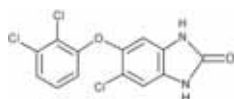
drugs, metabolites, impurities



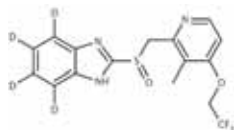
Iprodione
CAS No. 36734-19-7
 $C_{13}H_{13}Cl_2N_3O_3$ M.W. 330.20
NMIP1805 20 mg[†]



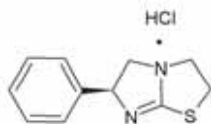
Irsogladine maleate
CAS No. 84504-69-8
 $C_9H_7Cl_2N_5$ M.W. 256.09
B150029-25 25 mg[†]



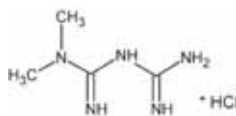
Ketotriclabendazole
 $C_{13}H_7Cl_2N_2O_2$ M.W. 329.60
NMIP1725 5 mg[†]



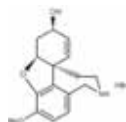
Lansoprazole-D₄
 $C_{16}H_{10}D_4F_3N_3O_2S$ M.W. 373.39
B130132-10 10 mg[†]



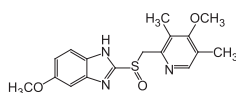
(-)-Levamisole HCl
CAS No. 16595-80-5
 $C_{11}H_{12}N_2S \cdot HCl$ M.W. 240.75
L-025 1.0 mg/mL (as free base)
1 mL Methanol



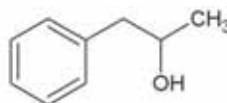
Metformin HCl
CAS No. 1115-70-4
 $C_4H_{11}N_5 \cdot HCl$ M.W. 165.62
M-072 1.0 mg/mL (as free base)
1 mL Methanol



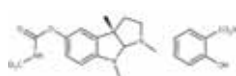
Norgalanthamine HBr
 $C_{16}H_{19}NO_3 \cdot HBr$ M.W. 354.24
B120337-50 50 mg[†]



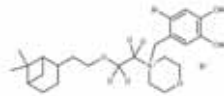
Omeprazole
CAS No. 73590-58-6
 $C_{17}H_{19}N_3O_3S$ M.W. 345.42
O-021 1.0 mg/mL
1 mL Methanol



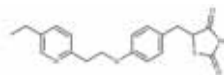
(±)-1-Phenyl-propan-2-ol
CAS No. 14898-87-4
 $C_9H_{12}O$ M.W. 136.20
NMID945 20 mg[†]



Physostigmine-D₃ salicylate
CAS No. 57-64-7
 $C_{15}H_{16}D_3N_3O_2 \cdot C_7H_6O_3$ M.W. 416.49
B130342-10 10 mg[†]



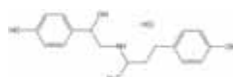
Pinaverium-D₄ bromide
 $C_{26}H_{37}D_4BrNO_4 \cdot Br$ M.W. 595.44
B130094-10 10 mg[†]



Pioglitazone-D₄
 $C_{18}H_{20}N_2O_3S$ M.W. 356.44
B130145-10 10 mg[†]

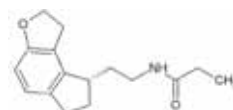


Pioglitazone ketone metabolite
CAS No. 146062-45-5
 $C_{19}H_{18}N_2O_4S$ M.W. 370.42
B120036-10 10 mg[†]

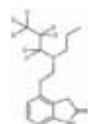


Prilosec
(see Omeprazole, page 92)

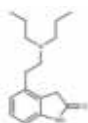
Ractopamine HCl
CAS No. 90274-24-1
 $C_{18}H_{23}NO_3 \cdot HCl$ M.W. 337.84
R-017 1.0 mg/mL (as free base)
1 mL Methanol



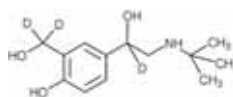
Ramelteon
CAS No. 196597-26-9
 $C_{16}H_{21}NO_2$ M.W. 259.34
R-016 1.0 mg/mL
1 mL Acetonitrile



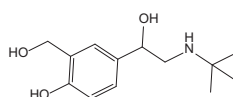
Ropinirole-D₇ HCl
CAS No. 91374-21-9
 $C_{16}H_{24}N_2O$ M.W. 260.37
B130344-10 10 mg[†]



Ropinirole HCl
CAS No. 91374-21-9
 $C_{16}H_{24}N_2O \cdot HCl$ M.W. 296.84
B110265-500 500 mg[†]

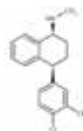


Salbutamol-D₃
CAS No. 1219798-60-3
 $C_{13}H_{16}D_3NO_3$ M.W. 242.30
NMID939 1 mg[†]

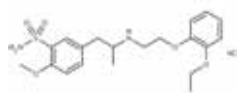


Salbutamol
CAS No. 18559-94-9
 $C_{13}H_{21}NO_3$ M.W. 239.30
NMIM898 10 mg[†]

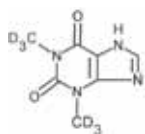
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



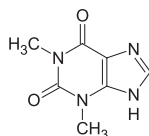
Scopolamine-D₃ HBr
CAS No. 114-49-8
 $C_{17}H_{18}D_3NO_4 \cdot HBr$ M.W. 387.28
B130345-10 10 mg[†]



Tamsulosin HCl
CAS No. 106463-17-6
 $C_{20}H_{28}N_2O_5 \cdot HCl$ M.W. 444.97
B110187-100 100 mg[†]



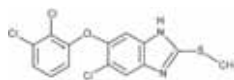
Theophylline-D₆
CAS No. 117490-39-8
 $C_7H_7D_6N_4O_2$ M.W. 186.20
T-044 100 µg/mL
1 mL Methanol



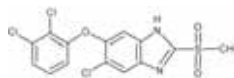
Theophylline
CAS No. 58-55-9
 $C_7H_8N_4O_2$ M.W. 180.16
IMPC-051-01 1.0 mg/mL
1 mL Methanol



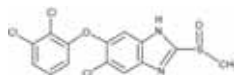
Tiotropium bromide
CAS No. 136310-93-5
 $C_{19}H_{22}NO_4S_2 \cdot Br$ M.W. 472.42
B110271-100 100 mg[†]



Triclabendazole
CAS No. 68786-66-3
 $C_{14}H_9Cl_3N_2OS$ M.W. 359.70
NMIP1788 10 mg[†]



Triclabendazole sulfone
CAS No. 106791-37-1
 $C_{14}H_9Cl_3N_2O_3S$ M.W. 391.70
NMIP1684 25 mg[†]



Triclabendazole sulfoxide
CAS No. 100648-13-3
 $C_{14}H_9Cl_3N_2O_2S$ M.W. 375.70
NMIP1685 25 mg[†]



Varenicline tartrate
CAS No. 375815-87-5
 $C_{13}H_{13}N_3 \cdot C_4H_6O_6$ M.W. 361.35
V-008 500 µg/mL (as free base)
1 mL Methanol

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

Synthetic Urine/Oral Fluid

Item Number	Product	Size
600 [†]	OraFlx Negative Oral Fluid	3 mL
300-1 [†]	SeraFlx-M Negative Serum	1 Liter
300-2 [†]	SeraFlx-M Negative Serum	200 mL
300-3 [†]	SeraFlx-M Negative Serum	50 mL
350-1 [†]	SeraFlx-E Negative Serum	1 L
350-2 [†]	SeraFlx-E Negative Serum	200 mL
350-3 [†]	SeraFlx-E Negative Serum	50 mL
600-2 [†]	OraFlx Negative Oral Fluid	10 mL
720-1 [†]	Surine™ Negative Synthetic Urine	1 Liter
720A-1 [†]	Surine™ Negative Synthetic Urine (Preservative free)	1 Liter
720-2 [†]	Surine™ Negative Synthetic Urine	50 mL
720A-2 [†]	Surine™ Negative Synthetic Urine (Preservative free)	50 mL
720A-3 [†]	Surine™ Negative Synthetic Urine (Preservative free)	5 mL
720C-1 [†]	Surine™ Negative Urine Control (creatinine free)	1 Liter
720C-2 [†]	Surine™ Negative Urine Control (creatinine free)	50 mL
S-020	Surine™ Negative Synthetic Urine Control	50 mL

Ampoule Opener

SnapIT Ampoule Opener

3 x 2 mL Trifold Plastic Tray, 10/kit

AO-001

TRA-001

5 x 2 mL Trifold Plastic Tray, 10/kit

10 x 2 mL Trifold Plastic Tray, 10/kit

TRA-002

TRA-003

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Individual Ethanol Standards

Ethanol-5	5 Ampoules/Kit	5 mg/dL 1.2 mL Water/Ampoule	E-110
Ethanol-10	10 Ampoules/Kit	10 mg/dL 1.2 mL Water/Ampoule	E-040
Ethanol-15	5 Ampoules/Kit	15 mg/dL 5 mL Water/Ampoule	E-042
Ethanol-20	10 Ampoules/Kit	20 mg/dL 1.2 mL Water/Ampoule	E-056
	5 Ampoules/Kit	20 mg/dL 5 mL Water/Ampoule	E-043
Ethanol-25	10 Ampoules/Kit	25 mg/dL 1.2 mL Water/Ampoule	E-035
Ethanol-40	10 Ampoules/Kit	40 mg/dL 1.2 mL Water/Ampoule	E-045
Ethanol-50	10 Ampoules/Kit	50 mg/dL 1.2 mL Water/Ampoule	E-029
Ethanol-80	10 Ampoules/Kit	80 mg/dL 1.2 mL Water/Ampoule	E-030
	5 Ampoules/Kit	80 mg/dL 5 mL Water/Ampoule	E-037
Ethanol-100	10 Ampoules/Kit	100 mg/dL 1.2 mL Water/Ampoule	E-031
	5 Ampoules/Kit	100 mg/dL 5 mL Water/Ampoule	E-038
Ethanol-150	10 Ampoules/Kit	150 mg/dL 1.2 mL Water/Ampoule	E-041
Ethanol-200	10 Ampoules/Kit	200 mg/dL 1.2 mL Water/Ampoule	E-032
	5 Ampoules/Kit	200 mg/dL 5 mL Water/Ampoule	E-039
Ethanol-300	10 Ampoules/Kit	300 mg/dL 1.2 mL Water/Ampoule	E-033
Ethanol-400	10 Ampoules/Kit	400 mg/dL 1.2 mL Water/Ampoule	E-036
	5 Ampoules/Kit	400 mg/dL 5 mL Water/Ampoule	E-044
Ethanol-500	10 Ampoules/Kit	500 mg/dL 1.2 mL Water/Ampoule	E-053

Alcohol Standards

ETHYL β -D-GLUCURONIDE-D₅

100 μ g/mL, 1 mL Methanol

E-048

1.0 mg/mL, 1 mL Methanol

E-063

ETHYL β -D-GLUCURONIDE

100 μ g/mL, 1 mL Methanol

E-016

1.0 mg/mL, 1 mL Methanol

E-015

ETHYL-D₅ SULFATE SODIUM SALT

1.0 mg/mL (as ethyl sulfate), 1 mL Methanol

E-066

ETHYL SULFATE SODIUM SALT

1.0 mg/mL (as ethyl sulfate), 1 mL Methanol

E-064

MULTICOMPONENT ALCOHOL CALIBRATION KIT (C1-C3)

4 Components in Water

Each component at stated concentration (μ g/mL), 1.2 mL/Ampoule, 3 Ampoules per Kit

A-054

	C1	C2	C3
Acetone	500	1000	4000
Ethanol	500	1000	4000
Isopropanol	500	1000	4000
Methanol	500	1000	4000

MULTICOMPONENT ALCOHOL MIX

4 Components in Water

100 μ g/mL of each component, 1.2 mL/Ampoule

A-076

500 μ g/mL of each component, 1.2 mL/Ampoule

A-057

1000 μ g/mL of each component, 1.2 mL/Ampoule

A-056

4000 μ g/mL of each component, 1.2 mL/Ampoule

A-061

Acetone

Ethanol

Isopropanol

Methanol

ETHANOL CALIBRATION KIT

2 Ampoules of each of the individual standards

Ethanol at stated concentration (mg/dL), 1.2 mL/Ampoule, 10 Ampoules per Kit

E-034

Ethanol-50	50	E-029
Ethanol-80	80	E-030
Ethanol-100	100	E-031
Ethanol-200	200	E-032
Ethanol-300	300	E-033

Derivatizing Reagents

BSTFA (WITH 1% TMCS)

1 mL/Ampoule, 10 Ampoules per Kit

B-023

MSTFA

1.2 mL/Ampoule, 10 Ampoules per Kit

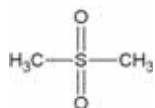
M-132

MTBSTFA (WITH 1% T-BDMCS)

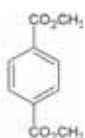
1 mL/Ampoule, 5 Ampoules per Kit

M-108

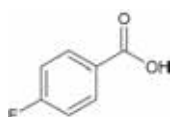
NMR



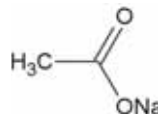
Dimethyl sulfone
CAS No. 67-71-0
C₂H₆O₂S M.W. 94.10
NMIQNMR002 5g[†]



Dimethyl terephthalate
CAS No. 120-61-6
C₁₀H₁₀O₄ M.W. 194.20
NMIQNMR007 500 mg[†]



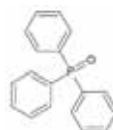
p-Fluorobenzoic acid
CAS No. 456-22-4
C₇H₅FO₂ M.W. 140.11
NMIQNMR003 100 mg[†]



Sodium acetate
CAS No. 127-09-3
C₂H₃NaO₂ M.W. 82.00
NMIQNMR006 1g[†]



Trioxane
CAS No. 110-88-3
C₃H₆O₃ M.W. 90.10
NMIQNMR004 1g[†]



Triphenylphosphine oxide
CAS No. 791-28-6
C₁₈H₁₅OP M.W. 278.30
NMIQNMR001 100 mg[†]



CERTAN® - The Ampoule in the Vial

The CERTAN® capillary vial is a sample container with a capillary opening. It has been specifically developed for use with and storage of reference solutions. The use of screw cap vials in storing volatile standards invariably leads to losses due to evaporation. The CERTAN® vial eliminates this problem.

CERTAN® Advantages

- ✓ No appreciable change in concentration - even when open
- ✓ Secure storage, minimizing evaporation
- ✓ Minimize contamination risk
- ✓ Filling and removal of aliquots can be easily achieved by using a standard GC syringe
- ✓ Validated useability
- ✓ Almost impossible to spill

CERTAN® Application Examples

- ✓ Storage of standard solutions removed from conventional glass ampoules
- ✓ Storage of working stock and standard solutions
- ✓ Storage of difficult samples, such as volatile halogen compounds or BTEX aromatics
- ✓ Archiving of production samples and extracts

CERTAN® Principle

The properties of the CERTAN® capillary bottle depend on the unique way in which the glass vial, capillary and screw cap closure have been engineered. The 1.2 mm diameter and 28 mm long capillary works as a recondensation zone for any of the solvent vapors. Reducing the surface area inside the cap ensures a more efficient sealing of the vial. It also minimizes the chance of contamination by the cap insert.

The CERTAN® capillary vial combines the advantages of a sealed ampoule with the flexibility of a screw cap bottle or a septum vial.

CERTAN® Capillary Vials

Catalog No.	Description
CER-001	1.5 mL vial (10 vials)
CER-005	4.5 mL vial (5 vials)
CER-010	10 mL vial (5 vials)
CER-001-1	1.5 mL vial (1 unit)
CER-005-1	4.5 mL vial (1 unit)
CER-010-1	10 mL vial (1 unit)
CER-011	1.5 mL (10 place)
CER-012	5 mL (10 place)

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

phytochemical reference guide by most common botanicals

Aloe (<i>Aloe sp.</i>)	Reference Substance	Product No.[†]
	Aloe emodin Aloin A Aloin B Chrysophanol	PHY89157-20MG, -100MG PHY89558-10MG, -50MG, -100MG PHY83206-10MG, -50MG, -100MG PHY89378-25MG
Andrographis (<i>Andrographis paniculata</i>)	Reference Substance	Product No.[†]
Chirette verte	Andrograpanin Andrographolide 14-Deoxy 11,14-didehydroandrographolide Neoandrographolide	PHY89560-10MG, -50MG, -100MG PHY89561-20MG, -100MG PHY89631-10MG, -50MG, -100MG PHY89740-10MG, -50MG, -100MG
Anise (<i>Pimpinella anisum</i>)	Reference Substance	Product No.[†]
Anice Anis Anis vert Erva doce	trans-Anethole Apigenin 7-glucoside Chlorogenic acid Cryptochlorogenic acid Estragole Homoorientin Isovitexin Luteolin Luteolin 7-glucoside Neochlorogenic acid Quercetin 3-glucuronide Rutin	PHY89158-100MG, -500MG, -1000MG PHY89160-20MG, -100MG PHY89175-50MG, -100MG PHY80393-10MG, -50MG, -100MG PHY82205-100MG, -500MG, -1000MG PHY89709-10MG, -50MG, -100MG PHY89233-10MG, -50MG, -100MG PHY89245-20MG, -100MG PHY89724-20MG, -100MG PHY80504-10MG, -50MG, -100MG PHY80349-10MG, -50MG, -100MG PHY89270-50MG, -100MG
Artichoke (<i>Cynara scolymus</i>)	Reference Substance	Product No.[†]
Alcachofa Alcachofera Alcachofra Artichaut Artischocke Carciofo	trans-Caffeic acid Chlorogenic acid Cryptochlorogenic acid Cynarin 1,5-Dicaffeoylquinic acid 3,4-Dicaffeoylquinic acid 3,5-Dicaffeoylquinic acid 4,5-Dicaffeoylquinic acid Luteolin Luteolin 7-glucoside Neochlorogenic acid Rutin	PHY89547-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY80393-10MG, -50MG, -100MG PHY89179-10MG, -50MG, -100MG PHY82221-10MG, -50MG, -100MG PHY80425-10MG, -50MG, -100MG PHY80426-10MG, -50MG, -100MG PHY80427-10MG, -50MG, -100MG PHY89245-20MG, -100MG PHY89724-20MG, -100MG PHY89504 PHY89270-50MG, -100MG
Ashwagandha (<i>Withania somnifera</i>)	Reference Substance	Product No.[†]
Bufera Ginseng indiano Schlafbeere Winterkirsche	12-Deoxywithastramonolide Withaferin A Withanolide A Withanolide B Withanone Withanoside IV Withanoside V	PHY80422-10MG, -50MG, -100MG PHY89824-10MG, -50MG, -100MG PHY80556-10MG, -50MG, -100MG PHY80557-10MG, -50MG, -100MG PHY82683-10MG, -50MG, -100MG PHY80632-10MG, -50MG, -100MG PHY80633-10MG, -50MG, -100MG
Astragalus (<i>Astragalus sp.</i>)	Reference Substance	Product No.[†]
Astragale Astragalo	Astragaloside I Astragaloside II Astragaloside III Astragaloside IV Calycosin Calycosin 7-glucoside Cycloastragenol Formononetin Ononin	PHY89572-10MG, -50MG, -100MG PHY89573-10MG, -50MG, -100MG PHY80357-10MG, -50MG, -100MG PHY89377-10MG, -50MG, -100MG PHY82491-10MG, -50MG, -100MG PHY82492-10MG, -50MG, -100MG PHY82509-10MG, -50MG, -100MG PHY89528-20MG, -100MG PHY82359-10MG, -50MG, -100MG
Bearberry (<i>Arctostaphylos uva-ursi</i>)	Reference Substance	Product No.[†]
Busserole Echte Bärentraube Gayuba Uva de oso Uva ursi Uva Ursina	Arbutin Ellagic acid Gallic acid Hydroquinone	PHY89510-100MG, -500MG, -1000MG PHY89653-50MG, -100MG PHY89198-100MG, -500MG, -1000MG PHY80712-100MG, -500MG, -1000MG

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phytochemical reference guide by most common botanicals

Bilberry (<i>Vaccinium myrtillus</i>)	Reference Substance	Product No.[†]
Arandano Blaubeere Blueberry Heidelbeere Mirtillo Mirtilo Myrtille	Cyanidin chloride Cyanidin 3-galactoside chloride Cyanidin 3-glucoside chloride Delphinidin chloride Delphinidin 3-galactoside chloride Delphinidin 3-glucoside chloride Malvidin chloride Malvidin 3-glucoside chloride Pelargonidin chloride Peonidin chloride Petunidin 3-glucoside chloride Procyanidin A2 trans-Pterostilbene	PHY80022-20MG, -100MG PHY89463-10MG, -50MG, -100MG PHY89616-10MG, -50MG, -100MG PHY89625-10MG, -50MG, -100MG PHY89506-5MG, -10MG PHY89627-10MG, -50MG, -100MG PHY80083-10MG, -50MG, -100MG PHY89728-10MG, -50MG, -100MG PHY80084-10MG, -50MG, -100MG PHY80085-5MG, -10MG PHY89755-5MG, -10MG PHY83223-10MG, -50MG, -100MG PHY83261-10MG, -50MG, -100MG
Birch (<i>Betula pendula</i>)	Reference Substance	Product No.[†]
Abedul Betulla Birke Bouleau	Betulin Betulinic acid Hyperoside Lupeol Quercitrin	PHY89581-100MG, -500MG, -1000MG PHY89529-50MG, -100MG PHY89227-20MG, -100MG PHY89722-20MG, -100MG PHY89346-20MG, -100MG
Bitter orange (<i>Citrus aurantium</i>)	Reference Substance	Product No.[†]
Arancio Azahar Bigaradier Bitterorange Chinotto Fleur d'oranger Flor de laranjeira Laranja amarga Naranja amarga Pomeranze	Eriocitrin Hesperetin Hesperidin Limonin Naringenin Naringin Narirutin Neohesperidin Nobiletin Nomilin Obacunone Poncirin Sinensetin Synephrine Tangeretin	PHY89194-10MG, -50MG, -100MG PHY89222-20MG, -100MG PHY89707-20MG, -100MG PHY89379-10MG, -50MG, -100MG PHY89738-25MG PHY89739-25MG PHY83339-10MG, -50MG, -100MG PHY89741-10MG, -50MG, -100MG PHY80858-10MG, -50MG, -100MG PHY80507-10MG, -50MG, -100MG PHY80509-10MG, -50MG, -100MG PHY82628-10MG, -50MG, -100MG PHY89278-10MG, -50MG, -100MG PHY89386-100MG, -500MG, -1000MG PHY89803-20MG, -100MG
Black Cohosh (<i>Cimicifuga racemosa</i>)	Reference Substance	Product No.[†]
Actées à grappes noires Schwarze Schlangenwurzel Traubensilberkerze	Actein Cimifugin Cimigenol 3- α -L-arabinoside Cimigenol 3- β -D-xyloside 27-Deoxyactein trans-Isoferulic acid	PHY89154-10MG, -50MG, -100MG PHY89387-10MG, -50MG, -100MG PHY83329-10MG, -50MG, -100MG PHY83330-10MG, -50MG, -100MG PHY89183-10MG, -50MG, -100MG PHY89717-100MG, -500MG, -1000MG
Boldo (<i>Peumus boldus</i>)	Reference Substance	Product No.[†]
Bourdainé	Boldine	PHY80145-100MG, -500MG, -1000MG
Boswellia (<i>Boswellia serrata</i>)	Reference Substance	Product No.[†]
Incienso Indischer Weihrauch Olibano	3-O-Acetyl α -Boswellic acid 3-O-Acetyl β -Boswellic acid 3-O-Acetyl 9,11-dehydro β -Boswellic acid 3-O-Acetyl 11-keto- β -Boswellic acid α -Boswellic acid β -Boswellic acid 11-keto- β -Boswellic acid Serratol	PHY89555-10MG, -50MG, -100MG PHY89152-10MG, -50MG, -100MG PHY83240-5MG, -10MG PHY89153-10MG, -50MG, -100MG PHY89585-10MG, -50MG, -100MG PHY89454-10MG, -50MG, -100MG PHY89169-10MG, -50MG, -100MG PHY89884-10MG, -50MG, -100MG
Broccoli (<i>Brassica oleracea</i>)	Reference Substance	Product No.[†]
Broccolo Brócoli Brokkoli	Glucraphanin potassium salt	PHY89215-10MG, -50MG, -100MG

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phytochemical reference guide by most common botanicals

Buckthorn (<i>Rhamnus frangula</i>)	Reference Substance	Product No.[†]
Bourdaine Faulbaum Frangola Frángula	Chrysophanol Emodin Frangulin A Frangulin B Physcion	PHY89378-25MG PHY89191-20MG, -100MG PHY89665-10MG, -50MG, -100MG PHY89196-10MG, -50MG, -100MG PHY89757-20MG, -100MG
Burdock (<i>Arctium lappa</i>)	Reference Substance	Product No.[†]
Bardana Grande bardane Große Klette	Arctigenin Arctiin	PHY80354-10MG, -50MG, -100MG PHY89531-10MG, -50MG, -100MG
Butcher's Broom (<i>Ruscus aculeatus</i>)	Reference Substance	Product No.[†]
Fragon Petit houx Pungitopo Rusco Stechender Mäusedorn	Neoruscogenin Ruscogenin	PHY89253-10MG, -50MG, -100MG PHY89268-10MG, -50MG, -100MG
Calendula (<i>Calendula officinalis</i>)	Reference Substance	Product No.[†]
Ringelblume Souci officinal	β-Amyrin Faradiol Hyperoside Isorhamnetin 3-neohesperidoside Isorhamnetin 3-rutinoside Oleanolic acid Rutin β-Sitosterol Stigmasterol	PHY80292-10MG, -50MG, -100MG PHY82536-10MG, -50MG, -100MG PHY89227-20MG, -100MG PHY82568-10MG, -50MG, -100MG PHY83337-10MG, -50MG, -100MG PHY89383-50MG, -100MG PHY89270-50MG, -100MG PHY89283-25MG PHY82658-100MG, -500MG, -1000MG
Cat's Claw (<i>Uncaria tomentosa</i>)	Reference Substance	Product No.[†]
Katzenkralle Liane du Pérou Uña de Gato Unha de gato	Isomitraphylline Isorhynchophylline Mitraphylline Rhynchophylline Uncarine C Uncarine D Uncarine E	PHY89718-10MG, -50MG, -100MG PHY80483-10MG, -50MG, -100MG PHY89736-10MG, -50MG, -100MG PHY80526-10MG, -50MG, -100MG PHY89814-10MG, -50MG, -100MG PHY89815-10MG, -50MG, -100MG PHY89816-10MG, -50MG, -100MG
Cayenne (<i>Capsicum annum</i>)	Reference Substance	Product No.[†]
Callena Cayena Peperoncino Piment	Capsaicin Dihydrocapsaicin Nordihydrocapsaicin N-Vanillylnonamide	PHY89520-25MG PHY89647-20MG, -100MG PHY89254-10MG, -50MG, -100MG PHY89820-25MG
Chamomile (<i>Chamomilla recutita</i>)	Reference Substance	Product No.[†]
Camomila Camomilla Camomille Kamille Manzanilla	Apigenin Apigenin 7-glucoside (-)-α-Bisabolol Bisabololoxide A Chamazulene Matricin 7-Methoxycoumarin Umbelliferon	PHY89159-25MG PHY89160-20MG, -100MG PHY80005-100MG, -500MG, -1000MG PHY89168-10MG, -50MG, -100MG PHY89174-20MG, -100MG PHY89248-10MG, -50MG, -100MG PHY89733-50MG, -100MG PHY80098-100MG, -500MG, -1000MG
Chaste Tree (<i>Vitex agnus-castus</i>)	Reference Substance	Product No.[†]
Agnocasto Gattilier Keuschlamm Mönchspfeffer Sauzgatillo	Agnuside Aucubin Casticin	PHY89155-10MG, -50MG, -100MG PHY89163-20MG, -100MG PHY89173-10MG, -50MG, -100MG

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Cinnamon (<i>Cinnamomum sp.</i>)	Reference Substance	Product No. [†]
Canela Cannella Cannelle Zimt	(+)-Catechin trans-Cinnamic acid Cinnamtannin A2 Trans-p-Coumaric acid Coumarin (-)-Epicatechin Eugenol trans-Ferulic acid 2-Methoxycinnamaldehyde Procyanidin A2 Procyanidin B1 Procyanidin B2 Procyanidin C1 Protocatechuic acid	PHY89172-20MG, -100MG PHY89608-100MG, -500MG, -1000MG PHY83372-5MG, -10MG PHY89498-100MG, -500MG, -1000MG PHY80017-100MG, -500MG, -1000MG PHY89192-20MG, -100MG PHY80715-100MG, -500MG, -1000MG PHY89663-100MG, -500MG, -1000MG PHY83155-100MG, -500MG, -1000MG PHY83223-10MG, -50MG, -100MG PHY89764-5MG, -10MG PHY89552-10MG, -50MG, -100MG PHY89537-5MG, -10MG PHY89766-100MG, -500MG, -1000MG
Cocoa (<i>Theobroma cacao</i>)	Reference Substance	Product No. [†]
Cacao Cacau Kakao	Caffeine (+)-Catechin Chlorogenic acid Cinnamtannin A2 (-)-Epicatechin Procyanidin A2 Procyanidin B1 Procyanidin B2 Procyanidin C1 Rutin Theobromine Theophylline	PHY89591-100MG, -500MG, -1000MG PHY89172-20MG, -100MG PHY89175-50MG, -100MG PHY83372-5MG, -10MG PHY89192-20MG, -100MG PHY83223-10MG, -50MG, -100MG PHY89764-5MG, -10MG PHY89552-10MG, -50MG, -100MG PHY89537-5MG, -10MG PHY89270-50MG, -100MG PHY89808-100MG, -500MG, -1000MG PHY82668-100MG, -500MG, -1000MG
Coffee (<i>Coffea sp.</i>)	Reference Substance	Product No. [†]
Café Caffè Kaffee	Cafestol Caffeine Chlorogenic acid Cryptochlorogenic acid 3,4-Dicaffeoylquinic acid 3,5-Dicaffeoylquinic acid 4,5-Dicaffeoylquinic acid Kahweol 16-O-Methylcafestol Neochlorogenic acid Theophylline Trigonelline chloride	PHY82294-10MG, -50MG, -100MG PHY89591-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY80393-10MG, -50MG, -100MG PHY80425-10MG, -50MG, -100MG PHY80426-10MG, -50MG, -100MG PHY80427-10MG, -50MG, -100MG PHY82293-20MG, -100MG PHY89734-10MG, -50MG, -100MG PHY80504-10MG, -50MG, -100MG PHY82668-100MG, -500MG, -1000MG PHY80548-25MG
Cola nut tree (<i>Cola sp.</i>)	Reference Substance	Product No. [†]
Kola Noix de cola Noz de cola Nuez de cola	Caffeine (+)-Catechin (-)-Epicatechin Theobromine Theophylline	PHY89591-100MG, -500MG, -1000MG PHY89172-20MG, -100MG PHY89192-20MG, -100MG PHY89808-100MG, -500MG, -1000MG PHY82668-100MG, -500MG, -1000MG
Curcuma (<i>Curcuma longa</i>)	Reference Substance	Product No. [†]
Gelbwurzel	Bisdemethoxycurcumin Curcumin Demethoxycurcumin Turmeric (Curcuma Mix) Zerumbone	PHY89582-20MG, -100MG PHY89180-25MG PHY89628-20MG, -100MG T-083 PHY83418-20MG, -100MG
Dandelion (<i>Taraxacum officinale</i>)	Reference Substance	Product No. [†]
Dente de Leão Diente de León Löwenzahn Pissenlit Tarassaco	Apigenin 7-glucoside Faradiol Luteolin 7-glucoside Taraxasterol acetate	PHY89160-20MG, -100MG PHY82536-10MG, -50MG, -100MG PHY89724-20MG, -100MG PHY80542

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Devil's Claw (<i>Harpagophytum procumbens</i>)	Reference Substance	Product No.†
Artiglio del diavolo Garra del diablo Garra do diabo Griffe du diable Harpagofito Teufelskralle	6-Acetylacteoside 8-p-Coumaroylharpagide Harpagide Harpagoside Isoverbascoside Verbascoside	PHY89554-10MG, -50MG, -100MG PHY89178-10MG, -50MG, -100MG PHY89703-10MG, -50MG, -100MG PHY89218-20MG, -100MG PHY89232-10MG, -50MG, -100MG PHY89289-10MG, -50MG, -100MG
Dong Quai (<i>Angelica sinensis</i>)	Reference Substance	Product No.†
Angélique de Chine	Bergapten trans-Ferulic acid Imperatorin Z-Ligustilide Osthole Psoralen	PHY89865-50MG, -100MG PHY89663-100MG, -500MG, -1000MG PHY89715-10MG, -50MG, -100MG PHY89242-10MG, -50MG, -100MG PHY89747-20MG, -100MG PHY89770-20MG, -100MG
Echinacea (<i>Echinacea</i> sp.)	Reference Substance	Product No.†
Coneflower Echinacée Equinácea Sonnenhut	Caftaric acid Chicoric acid Chlorogenic acid Cynarin 3,4-Dicaffeoylquinic acid 3,5-Dicaffeoylquinic acid 4,5-Dicaffeoylquinic acid Dodeca 2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide Echinacoside	PHY89170-10MG, -50MG, -100MG PHY89177-10MG, -50MG, -100MG PHY89175-50MG, -100MG PHY89179-10MG, -50MG, -100MG PHY80425-10MG, -50MG, -100MG PHY80426-10MG, -50MG, -100MG PHY80427-10MG, -50MG, -100MG PHY89187-10MG, -50MG, -100MG PHY89188-10MG, -50MG, -100MG
Elderberry (<i>Sambucus nigra</i>)	Reference Substance	Product No.†
Holunder Sabugueiro Sambuco Saúco Sureau noir	trans-Caffeic acid trans-p-Coumaric acid Cyanidin 3,5-diglucoside chloride Cyanidin 3-glucoside chloride Cyanidin 3-sambubioside chloride trans-Ferulic acid Hyperoside Kaempferol Kaempferol 3-glucoside Quercetin Quercetin 3-glucoside Rutin	PHY89547-100MG, -500MG, -1000MG PHY89498-100MG, -500MG, -1000MG PHY89615-10MG, -50MG, -100MG PHY89616-10MG, -50MG, -100MG PHY89617-5MG, -10MG PHY89663-100MG, -500MG, -1000MG PHY89227-20MG, -100MG PHY89235-20MG, -100MG PHY89237-10MG, -50MG, -100MG PHY89262-20MG, -100MG PHY89230-20MG, -100MG PHY89270-50MG, -100MG
Eyebright (<i>Euphrasia officinalis</i>)	Reference Substance	Product No.†
Augentrost Euphrasia Euphrase	Aucubin Catalpol Geniposide	PHY89163-20MG, -100MG PHY89595-10MG, -50MG, -100MG PHY89675-20MG, -100MG
Fennel (<i>Foeniculum vulgare</i>)	Reference Substance	Product No.†
Fenchel Fenuil Finocchio Funcho Hinojo	trans-Anethole Chlorogenic acid Cryptochlorogenic acid Estragol (-)-Fenchone Guaiaverin Neochlorogenic acid α -Pinene Quercetin 3-glucoside Quercetin 3-glucuronide Rutin	PHY89158-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY80393-10MG, -50MG, -100MG PHY82205-100MG, -500MG, -1000MG PHY82541-100MG, -500MG, -1000MG PHY80986-10MG, -50MG, -100MG PHY80504-10MG, -50MG, -100MG PHY89257-100MG, -500MG, -1000MG PHY89230-20MG, -100MG PHY80349-10MG, -50MG, -100MG PHY89270-50MG, -100MG

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Fenugreek (<i>Trigonella foenum-graecum</i>)	Reference Substance	Product No.[†]
Alholva Bockshornklee Feno grego Fenouil Fieno greco Trebol rosso	Dioscin Diosgenin Homoorientin Isovitexin Protodioscin Quercetin 3-glucoside Trigonelline chloride Vitexin Yamogenin	PHY89648-10MG, -50MG, -100MG PHY89649-100MG, -500MG, -1000MG PHY89709-10MG, -50MG, -100MG PHY89233-10MG, -50MG, -100MG PHY80522-10MG, -50MG, -100MG PHY89230-20MG, -100MG PHY80548-25MG PHY89290-10MG, -50MG, -100MG PHY80634-10MG, -50MG, -100MG
Feverfew (<i>Tanacetum parthenium</i>)	Reference Substance	Product No.[†]
Fieberkraut Grande camomille Mutterkraut Partenio Tanaceto	Parthenolide	PHY89255-20MG, -100MG
Flaxseed (<i>Linum usitatissimum</i>)	Reference Substance	Product No.[†]
Leinsamen Linaza Lin cultivé Linhaça Lino	Enterodiol Enterolactone (+)-Lariciresinol (-)-Matairesinol (-)-Secoisolariciresinol Secoisolariciresinol diglucoside	PHY80436-10MG, -50MG, -100MG PHY80437-10MG, -50MG, -100MG PHY80484-10MG, -50MG, -100MG PHY80497-10MG, -50MG, -100MG PHY80532-10MG, -50MG, -100MG PHY80533-10MG, -50MG, -100MG
Garcinia (<i>Garcinia cambogia</i>)	Reference Substance	Product No.[†]
	(-)-Hydroxycitric acid lactone	PHY80473-10MG, -50MG, -100MG
Garlic (<i>Allium sativum</i>)	Reference Substance	Product No.[†]
Aglio Ail Ajo Alho Knoblauch	L-(+/-)-Alliin	PHY89470-10MG, -50MG, -100MG
Gentian (<i>Gentiana lutea</i>)	Reference Substance	Product No.[†]
Enzian Genciana Genciano Gentiane Genziana	Amarogentin Gentiopicroside Isogentisin Sweroside Swertiamarin	PHY80178-10MG, -50MG, -100MG PHY89512-10MG, -50MG, -100MG PHY83239-10MG, -50MG, -100MG PHY89802-10MG, -50MG, -100MG PHY89513-10MG, -50MG, -100MG
Ginger (<i>Zingiber officinale</i>)	Reference Substance	Product No.[†]
Gengibre Gingembre Ingwer Jengibre Zenzero	6-Gingerol 8-Gingerol 10-Gingerol 6-Shogaol Zerumbone	PHY89201-10MG, -50MG, -100MG PHY89202-10MG, -50MG, -100MG PHY89203-10MG, -50MG, -100MG PHY89792-10MG, -50MG, -100MG PHY83418-20MG, -100MG

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Ginkgo (<i>Ginkgo biloba</i>)	Reference Substance	Product No.[†]
	Ginkgo Biloba Flavonoids Mix Ginkgo Biloba Terpene Lactones Mix	G-014 G-013
	(-)-Bilobalide Ginkgetin Ginkgolic acid C13:0 Ginkgolic acid C15:1 Ginkgolic acid C17:1 Ginkgolic acids RN Ginkgolide A Ginkgolide B Ginkgolide C Ginkgolide J Ginkgotoxin HCl Isoginkgetin Isorhamnetin Kaempferol Quercetin Rutin Sciadopitysin	PHY89167-10MG, -50MG, -100MG PHY83501-10MG, -50MG, -100MG PHY89678-10MG, -50MG, -100MG PHY89522-10MG, -50MG, -100MG PHY89207-10MG, -50MG, -100MG PHY89480-10MG, -50MG, -100MG PHY89204-10MG, -50MG, -100MG PHY89205-10MG, -50MG, -100MG PHY89206-10MG, -50MG, -100MG PHY89329-10MG, -50MG, -100MG PHY82638-10MG, -50MG, -100MG PHY83513-5MG, -10MG PHY89314-20MG, -100MG PHY89235-20MG, -100MG PHY89262-20MG, -100MG PHY89270-50MG, -100MG PHY83543-10MG, -50MG, -100MG
Ginseng (<i>Panax ginseng</i>)	Reference Substance	Product No.[†]
Ginseng coreano Raiz de Ging Seng	Ginseng Ginsenosides Mix Ginsenoside Rb1 Ginsenoside Rb2 Ginsenoside Rc Ginsenoside Rd Ginsenoside Re Ginsenoside Rf Ginsenoside Rg1	G-015 PHY89208-10MG, -50MG, -100MG PHY89209-10MG, -50MG, -100MG PHY89210-10MG, -50MG, -100MG PHY89211-10MG, -50MG, -100MG PHY89212-10MG, -50MG, -100MG PHY89213-10MG, -50MG, -100MG PHY89214-10MG, -50MG, -100MG
Ginseng, American (<i>Panax quinquefolius</i>)	Reference Substance	Product No.[†]
Amerikanischer Ginseng Ginseng américain Ginseng americano	Ginseng Ginsenosides Mix Ginsenoside Rb1 Ginsenoside Rb2 Ginsenoside Rc Ginsenoside Rd Ginsenoside Re Ginsenoside Rf Ginsenoside Rg1	G-015 PHY89208-10MG, -50MG, -100MG PHY89209-10MG, -50MG, -100MG PHY89210-10MG, -50MG, -100MG PHY89211-10MG, -50MG, -100MG PHY89212-10MG, -50MG, -100MG PHY89213-10MG, -50MG, -100MG PHY89214-10MG, -50MG, -100MG
Goldenroot (<i>Rhodiola rosea</i>)	Reference Substance	Product No.[†]
Rhodiola Rosenwurz	Rosarin Rosavin Rosin Salidroside	PHY89903-10MG, -50MG, -100MG PHY89264-10MG, -50MG, -100MG PHY89902-10MG, -50MG, -100MG PHY89462-10MG, -50MG, -100MG
Goldenseal (<i>Hydrastis canadensis</i>)	Reference Substance	Product No.[†]
Goldsiegelwurz Hidrastis Hydraste du Canada Idraste Kanadische Gelbwurz	Berberine chloride dihydrate Hydrastine Palmatine chloride	PHY89487-100MG, -500MG, -1000MG PHY89511-50MG, -100MG PHY89490-25MG
Gotu Kola (<i>Centella asiatica</i>)	Reference Substance	Product No.[†]
Asiatischer Wassernabel	Asiatic acid Asiaticoside Madecassic acid Madecassoside	PHY89569-10MG, -50MG, -100MG PHY89570-20MG, -100MG PHY80229-10MG, -50MG, -100MG PHY80230-10MG, -50MG, -100MG

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Grape seed (<i>Vitis vinifera</i>)	Reference Substance	Product No.[†]
Pépins de raisin Semilla de uva Traubenkerne	(+)-Catechin Cinnamtannin A2 (-)-Epicatechin Gallic acid trans-Polydatin Procyanidin B1 Procyanidin B2 Procyanidin C1 Trans-Pterostilbene trans-Resveratrol ε-Viniferin	PHY89172-20MG, -100MG PHY83372-5MG, -10MG PHY89192-20MG, -100MG PHY89198-100MG, -500MG, -1000MG PHY89312-20MG, -100MG PHY89764-5MG, -10MG PHY89552-10MG, -50MG, -100MG PHY89537-5MG, -10MG PHY83261-10MG, -50MG, -100MG PHY89539-20MG, -100MG PHY83550-10MG, -50MG, -100MG
Guarana (<i>Paullinia cupana</i>)	Reference Substance	Product No.[†]
	Caffeine (+)-Catechin (-)-Epicatechin Theobromine Theophylline	PHY89591-100MG, -500MG, -1000MG PHY89172-20MG, -100MG PHY89192-20MG, -100MG PHY89808-100MG, -500MG, -1000MG PHY82668-100MG, -500MG, -1000MG
Guggul (<i>Commiphora sp.</i>)	Reference Substance	Product No.[†]
Mirra Myrrhe	Guggulsterone E Guggulsterone Z	PHY89698-10MG, -50MG, -100MG PHY89699-10MG, -50MG, -100MG
Gymnema (<i>Gymnema silvestre</i>)	Reference Substance	Product No.[†]
Gimnema	Gymnemagenin	PHY80466-10MG, -50MG, -100MG
Hawthorn (<i>Crataegus sp.</i>)	Reference Substance	Product No.[†]
Aubépine Espino blanco Weißdorn	trans-Caffeic acid Chlorogenic acid Cinnamtannin A2 Hyperoside Procyanidin A2 Procyanidin B2 Rutin Vitexin Vitexin 2"-rhamnoside	PHY89547-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY83372-5MG, -10MG PHY89227-20MG, -100MG PHY83223-10MG, -50MG, -100MG PHY89552-10MG, -50MG, -100MG PHY89270-50MG, -100MG PHY89290-10MG, -50MG, -100MG PHY89291-10MG, -50MG, -100MG
Hops (<i>Humulus lupulus</i>)	Reference Substance	Product No.[†]
Hopfen Houblon Luppulo Lúpulo	Hulupinic acid Isoxanthohumol 6-Prenylnaringenin 8-Prenylnaringenin Xanthohumol	PHY89899-10MG, -50MG, -100MG PHY89234-10MG, -50MG, -100MG PHY80520-10MG, -50MG, -100MG PHY89886-10MG, -50MG, -100MG PHY89292-10MG, -50MG, -100MG
Horny Goat Weed (<i>Epimedium grandiflorum</i>)	Reference Substance	Product No.[†]
Epimède Geiles Ziegenkraut	Epimedin A Epimedin B Epimedin C Icariin Icaritin	PHY80586-10MG, -50MG, -100MG PHY80587-10MG, -50MG, -100MG PHY80588-10MG, -50MG, -100MG PHY89714-10MG, -50MG, -100MG PHY80478-10MG, -50MG, -100MG
Horse Chestnut (<i>Aesculus hippocastanum</i>)	Reference Substance	Product No.[†]
Castanha da Índia Castaño de Indias Ippocastano Marronnier Rosskastanie	Escin Esculin	PHY89871-100MG, -500MG, -1000MG PHY89659-100MG, -500MG, -1000MG
Horsetail (<i>Equisetum arvense</i>)	Reference Substance	Product No.[†]
Cavalinha Cola de Caballo Equiseto dei campi Prêle des Champs Schachtelhalm	Kaempferol 3-glucoside Quercetin 3-glucoside	PHY89237-10MG, -50MG, -100MG PHY89230-20MG, -100MG

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Ivy (<i>Hedera helix</i>)	Reference Substance	Product No.[†]
Edera Efeu Hera Hiedra Lierre	Hederacoside C Hederagenin α -Hederin	PHY89221-20MG, -100MG PHY89706-20MG, -100MG PHY89220-20MG, -100MG
Java tea (<i>Orthosiphon aristatus</i>)	Reference Substance	Product No.[†]
Chá de Jáva Indischer Nierentee Katzenbart Ortosifón Té de Java Thé de Java	Eupatorin Sinensetin	PHY80451-20MG, -100MG PHY89278-10MG, -50MG, -100MG
Kava kava (<i>Piper methysticum</i>)	Reference Substance	Product No.[†]
Rauschpfeffer	Desmethoxyyangonin Dihydrokavain Dihydromethysticin D,L-Kavain Methysticin Yangonin	PHY89184-10MG, -50MG, -100MG PHY89185-10MG, -50MG, -100MG PHY89186-10MG, -50MG, -100MG PHY89239-10MG, -50MG, -100MG PHY89250-10MG, -50MG, -100MG PHY89293-10MG, -50MG, -100MG
Lavender (<i>Lavandula angustifolia</i>)	Reference Substance	Product No.[†]
Alfazema Lavanda Lavande Lavendel	D,L-Camphor Eucalyptol Lavandulol Lavandulol acetate Linalool Linalyl acetate α -Terpineol	PHY80087-100MG, -500MG, -1000MG PHY89195-100MG, -500MG, -1000MG PHY80887-100MG, -500MG, -1000MG PHY80653-100MG, -500MG, -1000MG PHY80885-100MG, -500MG, -1000MG PHY89243-100MG, -500MG, -1000MG PHY89872-100MG, -500MG, -1000MG
Lemon Balm (<i>Melissa officinalis</i>)	Reference Substance	Product No.[†]
Méliste Zitronenmelisse	Apigenin 7-glucoside trans-Caffeic acid Chlorogenic acid Citral trans-p-Coumaric acid trans-Ferulic acid Luteolin 7-glucoside Oleanolic acid Quercetin 3-glucoside Rosmarinic acid Ursolic acid	PHY89160-20MG, -100MG PHY89547-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY82501-100MG, -500MG, -1000MG PHY89498-100MG, -500MG, -1000MG PHY89663-100MG, -500MG, -1000MG PHY89724-20MG, -100MG PHY89383-50MG, -100MG PHY89230-20MG, -100MG PHY89266-20MG, -100MG PHY89541-25MG
Licorice (<i>Glycyrrhiza sp.</i>)	Reference Substance	Product No.[†]
Alcaçuz Lakritz Liquirizia Palo dulce Regaliz raíz Régliste Süßholz	Formononetin Glabridin 18 α -Glycyrrhetic acid 18 β -Glycyrrhetic acid Glycyrrhizin Isoliquiritigenin Isoliquiritin Licochalcone A Liquiritigenin Liquiritin	PHY89528-20MG, -100MG PHY80463-10MG, -50MG, -100MG PHY82552-50MG, -100MG PHY89694-50MG, -100MG PHY89217-20MG, -100MG PHY89544-10MG, -50MG, -100MG PHY80481-10MG, -50MG, -100MG PHY80486-10MG, -50MG, -100MG PHY89543-20MG, -100MG PHY80490-10MG, -50MG, -100MG

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Linden (<i>Tilia sp.</i>)	Reference Substance	Product No. [†]
Lime	trans-p-Caffeic acid	PHY89547-100MG, -500MG, -1000MG
Linde	Chlorogenic acid	PHY89175-50MG, -100MG
Tiglio	trans-p-Coumaric acid	PHY89498-100MG, -500MG, -1000MG
Tila	Ellagic acid	PHY89653-50MG, -100MG
Tilleul	Esculin	PHY89659-100MG, -500MG, -1000MG
	Fraxin	PHY89545-10MG, -50MG, -100MG
	Gallic acid	PHY89198-100MG, -500MG, -1000MG
	Hyperoside	PHY89227-20MG, -100MG
	Kaempferol	PHY89235-20MG, -100MG
	Kaempferol 3-glucoside	PHY89237-10MG, -50MG, -100MG
	Protocatechuic acid	PHY89766-100MG, -500MG, -1000MG
	Quercetin	PHY89262-20MG, -100MG
	Quercetin 3-glucoside	PHY89230-20MG, -100MG
	Quercitrin	PHY89346-20MG, -100MG
	Rutin	PHY89270-50MG, -100MG
	Tiliroside	PHY89809-10MG, -50MG, -100MG
Maca (<i>Lepidium peruvianum</i>)	Reference Substance	Product No. [†]
	Glucotropaeolin potassium salt	PHY89216-20MG, -100MG
Mangosteen (<i>Garcinia mangostana</i>)	Reference Substance	Product No. [†]
Mangostane	Mangostin	PHY89247-25MG
Mangostin		
Mangostino		
Mangoustan		
Meadowsweet (<i>Filipendula ulmaria</i>)	Reference Substance	Product No. [†]
Mädesüß	Hyperoside	PHY89227-20MG, -100MG
Olmaria	Methyl salicylate	PHY82239-100MG, -500MG, -1000MG
Reine-des-prés	Quercetin	PHY89262-20MG, -100MG
Ulmaria	Quercetin 3-glucuronide	PHY80349-10MG, -50MG, -100MG
	Rutin	PHY89270-50MG, -100MG
	Spiraeoside	PHY89798-10MG, -50MG, -100MG
Milk Thistle (<i>Silybum marianum</i>)	Reference Substance	Product No. [†]
Cardo mariano	2,3-Dehydrosilybin A	PHY82877-5MG, -10MG
Chardon-Marie	2,3-Dehydrosilybin B	PHY82878-5MG, -10MG
Mariendistel	Isosilybin (A + B mixture)	PHY89231-10MG, -50MG, -100MG
Silimarina	Isosilybin A	PHY82570-5MG, -10MG
	Isosilybin B	PHY82571-5MG, -10MG
	Silybin (A+B mixture)	PHY89280-25MG
	Silybin A	PHY82653-10MG, -50MG, -100MG
	Silybin B	PHY82654-10MG, -50MG, -100MG
	Silychristin	PHY89281-10MG, -50MG, -100MG
	Silydianin	PHY89282-10MG, -50MG, -100MG
Olive (<i>Olea europaea</i>)	Reference Substance	Product No. [†]
Oliva	Hydroxytyrosol	PHY80152-10MG, -50MG, -100MG
Olivo	Maslinic acid	PHY83209-10MG, -50MG, -100MG
	Oleanolic acid	PHY89383-50MG, -100MG
	Oleoside 11-methyl ester	PHY89652-10MG, -50MG, -100MG
	Oleuropein	PHY89338-10MG, -50MG, -100MG
	Tyrosol	PHY80166-20MG, -100MG
Oregano (<i>Origanum vulgare</i>)	Reference Substance	Product No. [†]
Dorst	Carvacrol	PHY80241-100MG, -500MG, -1000MG
Origan	Carvacrol methyl ether	PHY83363-25MG
Origano	Thymol	PHY89287-100MG, -500MG, -1000MG
Wilder Majoran		

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Passion Flower (<i>Passiflora incarnata</i>)	Reference Substance	Product No.[†]
Maracujá Passiflore Passionsblume	Homoorientin Hyperoside Isoschaftoside Isovitexin Orientin Schaftoside Vitexin	PHY89709-10MG, -50MG, -100MG PHY89227-20MG, -100MG PHY83324-10MG, -50MG, -100MG PHY89233-10MG, -50MG, -100MG PHY89746-10MG, -50MG, -100MG PHY83325-10MG, -50MG, -100MG PHY89290-10MG, -50MG, -100MG
Pau D'Arco (<i>Tabebuia impetiginosa</i>)	Reference Substance	Product No.[†]
Ipé Roxo Lapacho	p-Hydroxybenzoic acid Lapachol Vanillic acid Vanillin	PHY83051-100MG, -500MG, -1000MG PHY89521-20MG, -100MG PHY89819-100MG, -500MG, -1000MG PHY82678-100MG, -500MG, -1000MG
Peppermint (<i>Mentha piperita</i>)	Reference Substance	Product No.[†]
Hortelã-Pimenta Menta Menthe poivrée Pfefferminze	trans-Caffeic acid trans-p-Coumaric acid trans-Ferulic acid (+)-Isomenthol Isomenthone (-)-Menthol (-)-Menthone Rosmarinic acid	PHY89547-100MG, -500MG, -1000MG PHY89498-100MG, -500MG, -1000MG PHY89663-100MG, -500MG, -1000MG PHY80016-100MG, -500MG, -1000MG PHY89328-100MG, -500MG, -1000MG PHY89517-100MG, -500MG, -1000MG PHY82241-100MG, -500MG, -1000MG PHY89266-20MG, -100MG
Plantain (<i>Plantago lanceolata</i>)	Reference Substance	Product No.[†]
Llanten Siete venas Spitzweigerich	Aucubin Catalpol Chlorogenic acid Neochlorogenic acid Verbascoside	PHY89163-20MG, -100MG PHY89595-10MG, -50MG, -100MG PHY89175-50MG, -100MG PHY80504-10MG, -50MG, -100MG PHY89289-10MG, -50MG, -100MG
Pomegranate (<i>Punica granatum</i>)	Reference Substance	Product No.[†]
Granada Granatapfel Grenade Mangrano Melograno Romã	Punicalagin (A+B mixture) Punicalin (A+B mixture)	PHY80524-10MG, -50MG, -100MG PHY83532-10MG, -50MG, -100MG
Red Clover (<i>Trifolium pratense</i>)	Reference Substance	Product No.[†]
Rotklee Trebol de los prados Trebol rojo Trèfle rouge Trevo vermelho Trifoglio	Biochanin A Calycosin Daidzein Daidzin Formononetin Genistein Genistin Ononin	PHY80012-25MG PHY82491-10MG, -50MG, -100MG PHY89181-50MG, -100MG PHY89182-20MG, -100MG PHY89528-20MG, -100MG PHY89199-50MG, -100MG PHY89200-25MG PHY82359-10MG, -50MG, -100MG
Rhubarb (<i>Rheum sp.</i>)	Reference Substance	Product No.[†]
Rabarbaro Rhabarber Rhubarbe Ruibarbo	Aloe-Emodin Chrysophanol Emodin Physcion Rhaponticin Rhein Rhein 8-glucoside Sennoside A Sennoside B	PHY89157-20MG, -100MG PHY89378-25MG PHY89191-20MG, -100MG PHY89757-20MG, -100MG PHY89776-20MG, -100MG PHY89385-20MG, -100MG PHY83536-10MG, -50MG, -100MG PHY89276-20MG, -100MG PHY89277-20MG, -100MG

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Rosemary (<i>Rosmarinus officinalis</i>)	Reference Substance	Product No. [†]
Alecrim Romarin Romero Rosmarin Rosmarino	Borneol (-)-Bornyl acetate trans-Caffeic acid D,L-Camphene D,L-Camphor Carnosic acid Carnosol p-Cymene Eucalyptol Hispidulin Hispidulin 7-glucoside 12-O-Methylcarnosic acid α -Pinene β -Pinene Rosmanol Rosmarinic acid α -Terpineol	PHY89583-100MG, -500MG, -1000MG PHY89584-100MG, -500MG, -1000MG PHY89547-100MG, -500MG, -1000MG PHY80063-100MG, -500MG, -1000MG PHY80087-100MG, -500MG, -1000MG PHY89171-10MG, -50MG, -100MG PHY80150-10MG, -50MG, -100MG PHY80836-100MG, -500MG, -1000MG PHY89195-100MG, -500MG, -1000MG PHY83335-10MG, -50MG, -100MG PHY83315-10MG, -50MG, -100MG PHY83416-10MG, -50MG, -100MG PHY89257-100MG, -500MG, -1000MG PHY89335-100MG, -500MG, -1000MG PHY83268-10MG, -50MG, -100MG PHY89266-20MG, -100MG PHY89872-100MG, -500MG, -1000MG
Sage (<i>Salvia officinalis</i>)	Reference Substance	Product No. [†]
Salbei Sauge	Borneol (-)-Bornyl acetate trans-Caffeic acid D,L-Camphene D,L-Camphor Carnosol β -Caryophyllene Chlorogenic acid Eucalyptol Hispidulin 12-O-Methylcarnosic acid Oleanolic acid α -Pinene β -Pinene Rosmanol Rosmarinic acid (-)- α -Thujone α,β -Thujone Ursolic acid	PHY89583-100MG, -500MG, -1000MG PHY89584-100MG, -500MG, -1000MG PHY89547-100MG, -500MG, -1000MG PHY80063-100MG, -500MG, -1000MG PHY80087-100MG, -500MG, -1000MG PHY80150-10MG, -50MG, -100MG PHY80717-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY89195-100MG, -500MG, -1000MG PHY83335-10MG, -50MG, -100MG PHY83416-10MG, -50MG, -100MG PHY89383-50MG, -100MG PHY89257-100MG, -500MG, -1000MG PHY89335-100MG, -500MG, -1000MG PHY83268-10MG, -50MG, -100MG PHY89266-20MG, -100MG PHY89286-100MG, -500MG, -1000MG PHY82669-100MG, -500MG, -1000MG PHY89541-25MG
Saw palmetto (<i>Serenoa repens</i>)	Reference Substance	Product No. [†]
Palmier nain Palmito Sabal Sägepalme	β -Sitosterol	PHY89283-25MG
Schizandra (<i>Schisandra chinensis</i>)	Reference Substance	Product No. [†]
Chinesischer Limonenbaum Chinesisches Spaltkörbchen Chizandra	Schisandrol A Schisandrol B Schisantherin A Schizandrin A Schizandrin B	PHY89885-10MG, -50MG, -100MG PHY80206-10MG, -50MG, -100MG PHY89316-10MG, -50MG, -100MG PHY89785-10MG, -50MG, -100MG PHY89786-10MG, -50MG, -100MG
Senna (<i>Cassia sp.</i>)	Reference Substance	Product No. [†]
Sen Sene Sennes	Aloe emodin Emodin Rhein Rhein 8-glucoside Sennoside A Sennoside A1 Sennoside B Sennoside C	PHY89157-20MG, -100MG PHY89191-20MG, -100MG PHY89385-20MG, -100MG PHY83536-10MG, -50MG, -100MG PHY89276-20MG, -100MG PHY83247-10MG, -50MG, -100MG PHY89277-20MG, -100MG PHY80534-10MG, -50MG, -100MG

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Siberian ginseng (<i>Eleutherococcus senticosus</i>)	Reference Substance	Product No.[†]
Eleuterococco Eleuterococo Gingseng siberiano Ginseng siberiano Ginseng sibérien Sibirischer Ginseng Taigawurzel	trans-Caffeic acid Chlorogenic acid Eleutheroside B Eleutheroside E Isofraxidin	PHY89547-100MG, -500MG, -1000MG PHY89175-50MG, -100MG PHY89189-10MG, -50MG, -100MG PHY89190-10MG, -50MG, -100MG PHY89229-10MG, -50MG, -100MG
Soy (<i>Glycine max</i>)	Reference Substance	Product No.[†]
Soia Soja Soya	Dadzein Daidzin Formononetin Genistein Genistin Glycitein Glycitin Isoformononetin	PHY89181-50MG, -100MG PHY89182-20MG, -100MG PHY89528-20MG, -100MG PHY89199-50MG, -100MG PHY89200-25MG PHY89692-10MG, -50MG, -100MG PHY89693-10MG, -50MG, -100MG PHY83257-10MG, -50MG, -100MG
St. John's Wort (<i>Hypericum perforatum</i>)	Reference Substance	Product No.[†]
Hierva de San Juan Hipérico Johanniskraut Iperico Millepertuis	Hyperforin, stable DCHA salt Hypericin Hyperoside Pseudohypericin Quercetin Quercetin 3-glucoside Rutin	PHY89225-10MG, -50MG, -100MG PHY89226-10MG, -50MG, -100MG PHY89227-20MG, -100MG PHY89261-5MG, -10MG PHY89262-20MG, -100MG PHY89230-20MG, -100MG PHY89270-50MG, -100MG
Stevia (<i>Stevia rebaudiana</i>)	Reference Substance	Product No.[†]
Süßkraut	Dulcoside A Isosteviol Rebaudioside A Rebaudioside B Rebaudioside C Rebaudioside D Rebaudioside N Rubusoside Steviol Steviolbioside Stevioside	PHY82417-10MG, -50MG, -100MG PHY82395-20MG, -100MG PHY80067-20MG, -100MG PHY82396-10MG, -50MG, -100MG PHY82397-10MG, -50MG, -100MG PHY82398-10MG, -50MG, -100MG PHY83218-10MG, -50MG, -100MG PHY80078-10MG, -50MG, -100MG PHY82262-20MG, -100MG PHY82399-10MG, -50MG, -100MG PHY89800-20MG, -100MG
Stinging nettle (<i>Urtica sp.</i>)	Reference Substance	Product No.[†]
Brennessel Ortica Ortie Ortiga Urtiga	L-Aspartic acid trans-Caffeic acid Caffeoylmalic acid Chlorogenic acid L-Glutamic acid Kaempferol 3-glucoside Oleanolic acid Quercetin 3-glucoside Rutin Scopoletin β-Sitosterol β-Sitosterol D-glucoside	PHY80666-100MG, -500MG, -1000MG PHY89547-100MG, -500MG, -1000MG PHY89238-10MG, -50MG, -100MG PHY89175-50MG, -100MG PHY82551-100MG, -500MG, -1000MG PHY89237-10MG, -50MG, -100MG PHY89383-50MG, -100MG PHY89230-20MG, -100MG PHY89270-50MG, -100MG PHY89516-50MG, -100MG PHY89283-25MG PHY80538-10MG, -50MG, -100MG

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Tea (<i>Camellia sinensis</i>)	Reference Substance	Product No. [†]
Chá Tee Té The Thé	Green tea Catechin Mix Caffeine Camelliaside A Camelliaside B (+)-Catechin Chlorogenic acid (-)-Epicatechin (-)-Epicatechin 3-gallate (-)-Epigallocatechin (-)-Epigallocatechin 3-gallate Gallic acid (-)-Gallocatechin (-)-Gallocatechin 3-gallate Theaflavin Theaflavin 3,3'-digallate Theaflavin 3-gallate Theaflavin 3'-gallate L-Theanine Theobromine Theophylline	G-016 PHY89591-100MG, -500MG, -1000MG PHY83483-10MG, -50MG, -100MG PHY83484-10MG, -50MG, -100MG PHY89172-20MG, -100MG PHY89175-50MG, -100MG PHY89192-20MG, -100MG PHY89193-20MG, -100MG PHY89655-20MG, -100MG PHY89656-50MG, -100MG PHY89198-100MG, -500MG, -1000MG PHY80096-10MG, -50MG, -100MG PHY89667-10MG, -50MG, -100MG PHY83341-10MG, -50MG, -100MG PHY83344-10MG, -50MG, -100MG PHY83342-10MG, -50MG, -100MG PHY83343-10MG, -50MG, -100MG PHY82213-20MG, -100MG PHY89808-100MG, -500MG, -1000MG PHY82668-100MG, -500MG, -1000MG
Thyme (<i>Thymus vulgaris</i>)	Reference Substance	Product No. [†]
Thym Thymian Timo Tomilho Tomillo	Apigenin Apigenin 7-glucoside Borneol Carvacrol Carvacrol methyl ether p-Cymene Eucalyptol Linalool Luteolin Luteolin 7-glucoside Oleanolic acid Rosmarinic acid α -Terpineol Thymol Ursolic acid	PHY89159-25MG PHY89160-20MG, -100MG PHY89583-100MG, -500MG, -1000MG PHY80241-100MG, -500MG, -1000MG PHY83363-25MG PHY80836-100MG, -500MG, -1000MG PHY89195-100MG, -500MG, -1000MG PHY80885-100MG, -500MG, -1000MG PHY89245-20MG, -100MG PHY89724-20MG, -100MG PHY89383-50MG, -100MG PHY89266-20MG, -100MG PHY89872-100MG, -500MG, -1000MG PHY89287-100MG, -500MG, -1000MG PHY89541-25MG
Tribulus (<i>Tribulus terrestris</i>)	Reference Substance	Product No. [†]
Castaña de Agua Erdburzeldorn Trébol Tribule terrestre	Dioscin Diosgenin Protodioscin	PHY89648-10MG, -50MG, -100MG PHY89649-100MG, -500MG, -1000MG PHY80522-10MG, -50MG, -100MG
Valerian (<i>Valeriana officinalis</i>)	Reference Substance	Product No. [†]
Baldrian Valériane	Acetoxyvalerenic acid Hydroxyvalerenic acid Valerenic acid	PHY89151-10MG, -50MG, -100MG PHY89224-10MG, -50MG, -100MG PHY89288-10MG, -50MG, -100MG
White Willow (<i>Salix alba</i>)	Reference Substance	Product No. [†]
Salice alba Sauce Saule blanc Silberweide	(+)-Catechin Eleutheroside B Salicin	PHY89172-20MG, -100MG PHY89189-10MG, -50MG, -100MG PHY89782-50MG, -100MG

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Yarrow (<i>Achillea millefolium</i>)	Reference Substance	Product No. [†]
Milenrama Mil folhas Milhojas Millefeuille Millefoglio Schafgarbe	Apigenin Apigenin 7-glucoside Casticin Chamazulene Eucalyptol Guaiazulene Isoschaftoside Luteolin Luteolin 7-glucoside Rutin Schaftoside	PHY89159-25MG PHY89160-20MG, -100MG PHY89173-10MG, -50MG, -100MG PHY89174-20MG, -100MG PHY89195-100MG, -500MG, -1000MG PHY89697-100MG, -500MG, -1000MG PHY83324-10MG, -50MG, -100MG PHY89245-20MG, -100MG PHY89724-20MG, -100MG PHY89270-50MG, -100MG PHY83325-10MG, -50MG, -100MG
Yohimbe (<i>Pausinystalia yohimbe</i>)	Reference Substance	Product No. [†]
	Ajmalicine Yohimbine HCl	PHY82463-25MG PHY82685-100MG, -500MG, -1000MG

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GINKGO BILOBA TERPENE LACTONES MIX

5 Components in Acetonitrile

100 µg/mL of each component, 1 mL/Ampoule

G-013

Bilobalide

Ginkgolide C

Ginkgolide A

Ginkgolide J

Ginkgolide B

GINKGO BILOBA FLAVONOIDS MIX

3 Components in Methanol

100 µg/mL of each component, 1 mL/Ampoule

G-014

Isorhamnetin

Kaempferol

Quercetin

GINSENG GINSENOSIDES MIX

8 Components in Methanol

100 µg/mL of each component, 1 mL/Ampoule

G-015

Ginsenoside Rb1

Ginsenoside Rd

Ginsenoside Rg1

Ginsenoside Rb2

Ginsenoside Re

Ginsenoside Rg2

Ginsenoside Rc

Ginsenoside Rf

GREEN TEA CATECHIN MIX

8 Components in 80:20 Acetonitrile:Water with 5% 1 M HCl

100 µg/mL of each component, 1 mL/Ampoule

G-016

Caffeine

(-)-Epicatechin

(-)-Gallocatechin

(+)-Catechin

(-)-Epicatechin-3-gallate

(-)-Gallocatechin 3-gallate

(-)-Catechin 3-gallate

(-)-Epigallocatechin 3-gallate

TURMERIC (Curcuma) MIX

3 Components in Methanol

500 µg/mL of each component, 1 mL/Ampoule

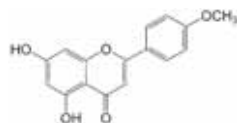
T-083

Bisdemethoxycurcumin

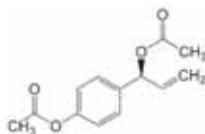
Curcumin

Demethoxycurcumin

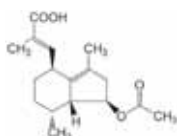
*distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



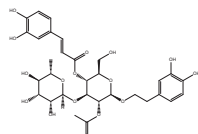
Acacetin
CAS No. 480-44-4
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY89482-20MG, -100MG[†]



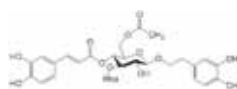
1'-Acetoxychavicol acetate
CAS No. 52946-22-2
 $C_{13}H_{14}O_4$ M.W. 234.25
PHY82458-10MG, -50MG, -100MG[†]



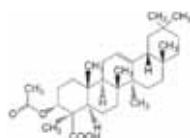
Acetoxyvaleric acid
CAS No. 84638-55-1
 $C_{17}H_{24}O_4$ M.W. 292.38
PHY89151-10MG, -50MG, -100MG[†]



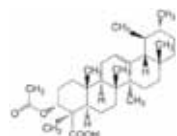
2'-Acetylacteoside **NEW**
CAS No. 94492-24-7
 $C_{31}H_{38}O_{16}$ M.W. 666.63
PHY83476-10MG, -50MG, -100MG[†]



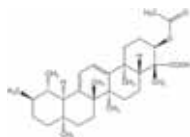
6-Acetylacteoside
CAS No. 441769-43-3
 $C_{31}H_{38}O_{16}$ M.W. 666.63
PHY89554-10MG, -50MG, -100MG[†]



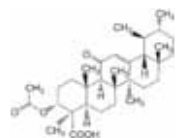
3-O-Acetyl-α-boswellic acid
CAS No. 89913-60-0
 $C_{32}H_{50}O_4$ M.W. 498.75
PHY89555-10MG, -50MG, -100MG[†]



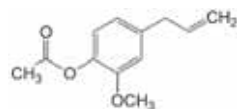
3-O-Acetyl-β-boswellic acid
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 $C_{32}H_{50}O_4$ M.W. 498.75
PHY89152-10MG, -50MG, -100MG[†]



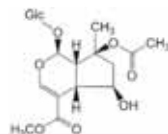
3-O-Acetyl 9,11-dehydro β-boswellic acid
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PHY83240-5MG, -10MG[†]



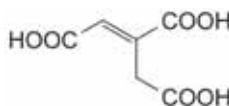
3-O-Acetyl-11-keto-β-boswellic acid
CAS No. 67416-61-9
 $C_{32}H_{48}O_5$ M.W. 512.73
PHY89153-10MG, -50MG, -100MG[†]



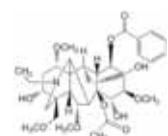
Acetylcugenol
CAS No. 93-28-7
 $C_{12}H_{14}O_3$ M.W. 206.24
PHY82460-100MG, -500MG, -1000MG[†]



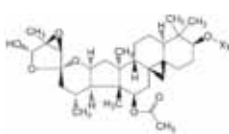
Acetylcugenol
CAS No. 57420-46-9
 $C_{19}H_{28}O_{12}$ M.W. 448.42
PHY82461-10MG, -50MG, -100MG[†]



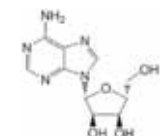
trans-Aconitic acid
CAS No. 4023-65-8
 $C_6H_6O_6$ M.W. 174.11
PHY82257-100MG, -500MG, -1000MG[†]



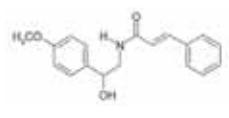
Aconitine
CAS No. 302-27-2
 $C_{34}H_{47}NO_{11}$ M.W. 645.75
PHY89376-20MG, -100MG[†]



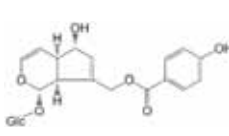
Actein
CAS No. 18642-44-9
 $C_{27}H_{56}O_{11}$ M.W. 676.85
PHY89154-10MG, -50MG, -100MG[†]



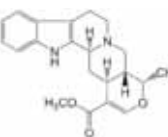
Adenosine
CAS No. 58-61-7
 $C_{10}H_{13}N_5O_4$ M.W. 267.24
PHY80977-100MG, -500MG, -1000MG[†]



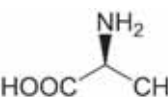
Aegeline **NEW**
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 $C_{18}H_{19}NO_3$ M.W. 297.35
PHY83467-10MG, -50MG, -100MG[†]



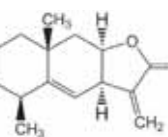
Agnuside
CAS No. 11027-63-7
 $C_{22}H_{26}O_{11}$ M.W. 466.44
PHY89155-10MG, -50MG, -100MG[†]



Ajmalicine
CAS No. 483-04-5
 $C_{21}H_{24}N_2O_3$ M.W. 352.43
PHY82463-25MG[†]

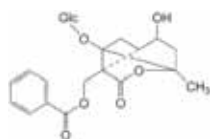


L-Alanine
CAS No. 56-41-7
 $C_3H_7NO_2$ M.W. 89.09
PHY80344-100MG, -500MG, -1000MG[†]

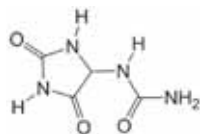


Alantolactone
CAS No. 546-43-0
 $C_{16}H_{20}O_2$ M.W. 232.32
PHY89156-10MG, -50MG, -100MG[†]

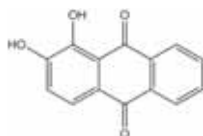
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



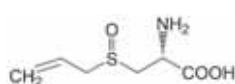
Albiflorin
CAS No. 39011-90-0
 $C_{23}H_{26}O_{11}$ M.W. 480.47
PHY89833-10MG, -50MG, -100MG[†]



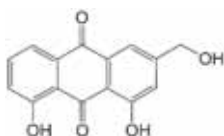
Allantoin
CAS No. 97-59-6
 $C_4H_6N_2O_3$ M.W. 158.12
PHY89518-100MG, -500MG, -1000MG[†]



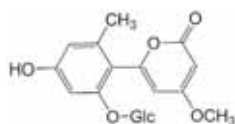
Alizarin
CAS No. 72-48-0
 $C_{14}H_8O_4$ M.W. 240.22
PHY83274-25MG[†]



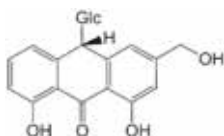
L-(±)-Alliin
CAS No. 17795-26-5
 $C_6H_{11}NO_3S$ M.W. 177.22
PHY89470-10MG, -50MG, -100MG[†]



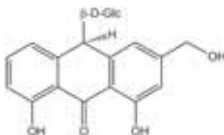
Aloe emodin
CAS No. 481-72-1
 $C_{15}H_{10}O_5$ M.W. 270.24
PHY89157-20MG, -100MG[†]



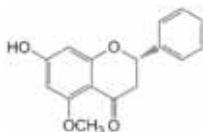
Aloenin A
CAS No. 38412-46-3
 $C_{19}H_{22}O_{10}$ M.W. 410.38
PHY89557-10MG, -50MG, -100MG[†]



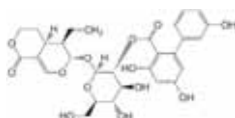
Aloin
CAS No. 1415-73-2
 $C_{21}H_{22}O_9$ M.W. 418.40
PHY89558-10MG, -50MG, -100MG[†]



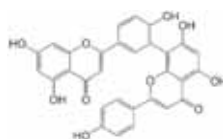
Aloin B
CAS No. 28371-16-6
 $C_{21}H_{22}O_9$ M.W. 418.40
PHY83206-10MG, -50MG, -100MG[†]



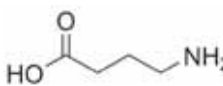
Alpinetin
CAS No. 36052-37-6
 $C_{16}H_{14}O_4$ M.W. 270.29
PHY89849-10MG, -50MG, -100MG[†]



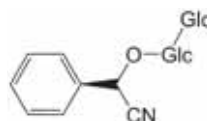
Amarogentin
CAS No. 21018-84-8
 $C_{20}H_{30}O_{13}$ M.W. 586.55
PHY80178-10MG, -50MG, -100MG[†]



Amentoflavone
CAS No. 1617-53-4
 $C_{30}H_{18}O_{10}$ M.W. 538.47
PHY80351-10MG, -50MG, -100MG[†]



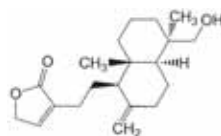
Gamma-Aminobutyric acid **NEW**
CAS No. 56-12-2
 $C_4H_7NO_2$ M.W. 103.12
PHY83415-100MG, -500MG, -1000MG[†]



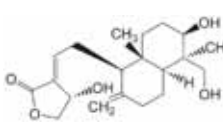
Amygdalin
CAS No. 29883-15-6
 $C_{20}H_{27}NO_{11}$ M.W. 457.44
PHY89559-100MG, -500MG, -1000MG[†]



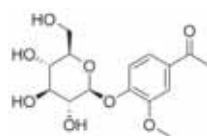
β Amyrin
CAS No. 559-70-6
 $C_{30}H_{52}O$ M.W. 426.73
PHY80292-10MG, -50MG, -100MG[†]



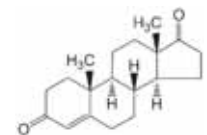
Andrograpanin
CAS No. 82209-74-3
 $C_{20}H_{30}O_3$ M.W. 318.46
PHY89560-10MG, -50MG, -100MG[†]



Andrographolide
CAS No. 5508-58-7
 $C_{20}H_{30}O_5$ M.W. 350.46
PHY89561-20MG, -100MG[†]



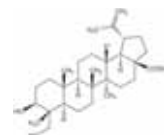
Androsin **NEW**
CAS No. 531-28-2
 $C_{15}H_{20}O_8$ M.W. 280.80
PHY83477-10MG, -50MG, -100MG[†]



Androstenedione
CAS No. 63-05-8
 $C_{19}H_{26}O_2$ M.W. 286.42
PHY89562-100MG, -500MG, -1000MG[†]

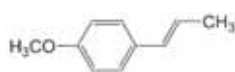


Anemonin
CAS No. 508-44-1
 $C_{10}H_8O_4$ M.W. 192.17
PHY80346-10MG, -50MG, -100MG[†]

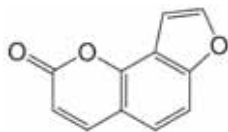


Anemosapogenin
CAS No. 85999-40-2
 $C_{30}H_{48}O_4$ M.W. 472.71
PHY83307-10MG, -50MG, -100MG[†]

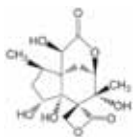
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



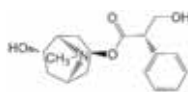
trans-Anethole
CAS No. 4180-23-8
 $C_{10}H_{12}O$ M.W. 148.21
PHY89158-100MG, -500MG, -1000MG[†]



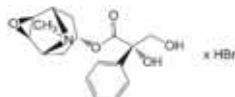
Angelicin
CAS No. 523-50-2
 $C_{11}H_8O_3$ M.W. 186.17
PHY89874-10MG, -50MG, -100MG[†]



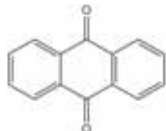
Anisatin
CAS No. 5230-87-5
 $C_{15}H_{20}O_8$ M.W. 328.32
PHY89345-5MG, -10MG[†]



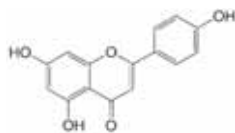
Anisodamine HBr
CAS No. 55449-49-5
 $C_{17}H_{23}NO_4 \cdot HBr$ M.W. 386.29
PHY89563-10MG, -50MG, -100MG[†]



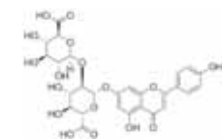
Anisodine HBr
CAS No. 76822-34-9
 $C_{17}H_{23}NO_5 \cdot HBr$ M.W. 400.27
PHY89564-10MG, -50MG, -100MG[†]



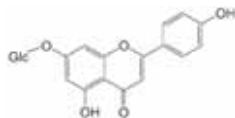
Anthraquinone
CAS No. 84-65-1
 $C_{14}H_8O_2$ M.W. 208.22
PHY82729-100MG, -500MG, -1000MG[†]



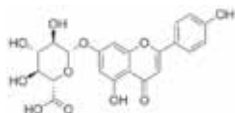
Apigenin
CAS No. 520-36-5
 $C_{15}H_{10}O_6$ M.W. 270.24
PHY89159-25MG[†]



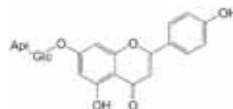
Apigenin 7-diglucuronide **NEW**
CAS No. 119738-57-7
 $C_{27}H_{26}O_{17}$ M.W. 622.49
PHY83411-10MG, -50MG, -100MG[†]



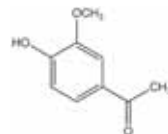
Apigenin 7-glucoside
CAS No. 578-74-5
 $C_{21}H_{20}O_{10}$ M.W. 432.38
PHY89160-20MG, -100MG[†]



Apigenin 7-glucuronide **NEW**
CAS No. 29741-09-1
 $C_{21}H_{18}O_{11}$ M.W. 446.37
PHY83471-5MG, -10MG[†]



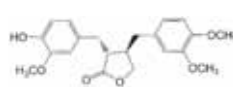
Apiin
CAS No. 26544-34-3
 $C_{26}H_{32}O_{14}$ M.W. 564.50
PHY89161-10MG, -50MG, -100MG[†]



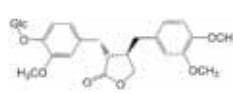
Apocynin
CAS No. 498-02-2
 $C_9H_{10}O_3$ M.W. 166.18
PHY83252-100MG, -500MG, -1000MG[†]



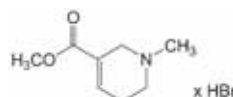
Arbutin
CAS No. 497-76-7
 $C_{12}H_{16}O_7$ M.W. 272.26
PHY89510-100MG, -500MG, -1000MG[†]



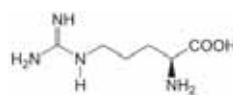
Arctigenin
CAS No. 7770-78-7
 $C_{21}H_{22}O_8$ M.W. 372.42
PHY80354-10MG, -50MG, -100MG[†]



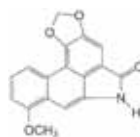
Arctiin
CAS No. 20362-31-6
 $C_{27}H_{34}O_{11}$ M.W. 534.56
PHY89531-10MG, -50MG, -100MG[†]



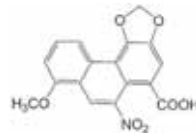
Arecoline HBr
CAS No. 300-08-3
 $C_8H_{13}NO_2 \cdot HBr$ M.W. 236.11
PHY82470-25MG[†]



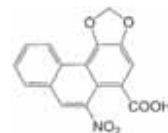
L-Arginine
CAS No. 74-79-3
 $C_6H_{14}N_4O_2$ M.W. 174.20
PHY82307-100MG, -500MG, -1000MG[†]



Aristolactam
CAS No. 13395-02-3
 $C_{17}H_{11}NO_4$ M.W. 293.28
PHY82471-10MG, -50MG, -100MG[†]

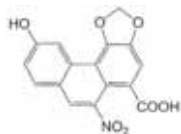


Aristolochic acid I
CAS No. 313-67-7
 $C_{17}H_{11}NO_7$ M.W. 341.28
PHY89565-10MG, -50MG, -100MG[†]

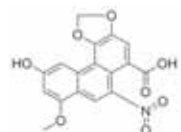


Aristolochic acid II
CAS No. 475-80-9
 $C_{16}H_9NO_8$ M.W. 311.25
PHY89566-10MG, -50MG, -100MG[†]

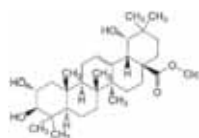
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



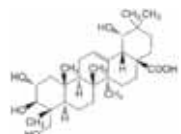
Aristolochic acid C
CAS No. 4849-90-5
 $C_{16}H_9NO_7$ M.W. 327.25
PHY80355-5MG, -10MG[†]



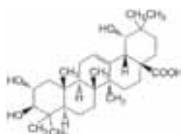
Aristolochic acid D **NEW**
CAS No. 17413-38-6
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PHY83478-5MG, -10MG[†]



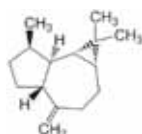
Arjunetin
CAS No. 31297-79-7
 $C_{36}H_{58}O_{10}$ M.W. 650.85
PHY82472-10MG, -50MG, -100MG[†]



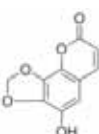
Arjungenin
CAS No. 58880-25-4
 $C_{30}H_{46}O_6$ M.W. 504.71
PHY82473-10MG, -50MG, -100MG[†]



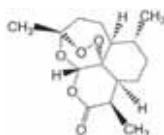
Arjunic acid
CAS No. 31298-06-3
 $C_{30}H_{46}O_5$ M.W. 488.71
PHY82474-10MG, -50MG, -100MG[†]



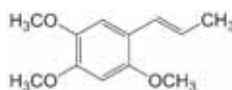
(+)-Aromadendrene
CAS No. 489-39-4
 $C_{15}H_{24}$ M.W. 204.36
PHY82475-100MG, -500MG, -1000MG[†]



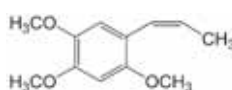
Artemicapin C **NEW**
CAS No. 334007-19-1
 $C_{10}H_6O_5$ M.W. 206.15
PHY83419-10MG, -50MG, -100MG[†]



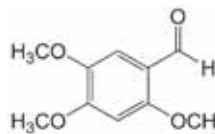
Artemisinin
CAS No. 63968-64-9
 $C_{15}H_{22}O_5$ M.W. 282.34
PHY89484-25MG[†]



α-Asarone
CAS No. 2883-98-9
 $C_{12}H_{16}O_3$ M.W. 208.26
PHY89567-50MG, -100MG[†]



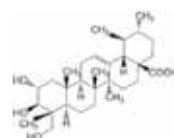
β-Asarone
CAS No. 5273-86-9
 $C_{12}H_{16}O_3$ M.W. 208.26
PHY89568-50MG, -100MG[†]



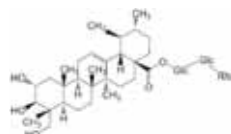
Asarylaldehyde
CAS No. 4460-86-0
 $C_{10}H_{12}O_4$ M.W. 196.20
PHY82478-100MG, -500MG, -1000MG[†]



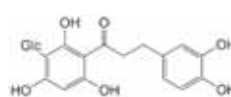
Ascaridole
CAS No. 512-85-6
 $C_{10}H_{16}O_2$ M.W. 168.24
PHY89162-10MG, -50MG, -100MG[†]



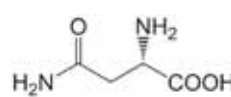
Asiatic acid
CAS No. 464-92-6
 $C_{30}H_{48}O_5$ M.W. 488.71
PHY89569-10MG, -50MG, -100MG[†]



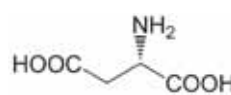
Asiaticoside
CAS No. 16830-15-2
 $C_{30}H_{48}O_{10}$ M.W. 959.14
PHY89570-20MG, -100MG[†]



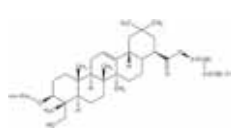
Aspalathin
CAS No. 6027-43-6
 $C_{20}H_{24}O_{11}$ M.W. 452.42
PHY89571-10MG, -50MG, -100MG[†]



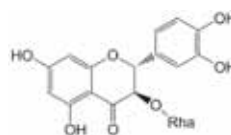
L-Asparagine
CAS No. 70-47-3
 $C_4H_8N_2O_3$ M.W. 132.12
PHY80905-100MG, -500MG, -1000MG[†]



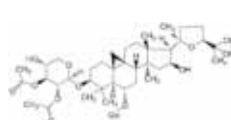
L-Aspartic acid
CAS No. 56-84-8
 $C_4H_7NO_4$ M.W. 133.10
PHY80666-100MG, -500MG, -1000MG[†]



Asperosaponin VI
CAS No. 39524-08-8
 $C_{47}H_{76}O_{18}$ M.W. 929.11
PHY83275-10MG, -50MG, -100MG[†]

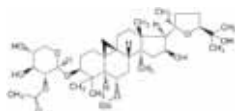


Astilbin
CAS No. 29838-67-3
 $C_{21}H_{22}O_{11}$ M.W. 450.40
PHY80356-10MG, -50MG, -100MG[†]

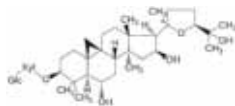


Astragaloside I
CAS No. 84680-75-1
 $C_{46}H_{72}O_{16}$ M.W. 869.06
PHY89572-10MG, -50MG, -100MG[†]

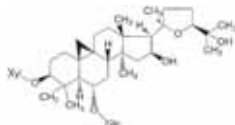
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



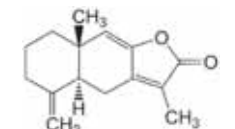
Astragaloside II
CAS No. 84676-89-1
 $C_{43}H_{70}O_{15}$ M.W. 827.02
PHY89573-10MG, -50MG, -100MG[†]



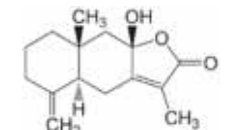
Astragaloside III
CAS No. 84687-42-3
 $C_{41}H_{68}O_{14}$ M.W. 784.99
PHY80357-10MG, -50MG, -100MG[†]



Astragaloside IV
CAS No. 84687-43-4
 $C_{41}H_{68}O_{14}$ M.W. 784.99
PHY89377-10MG, -50MG, -100MG[†]



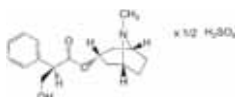
Atractylenolide I
CAS No. 73069-13-3
 $C_{15}H_{20}O_2$ M.W. 230.31
PHY82479-10MG, -50MG, -100MG[†]



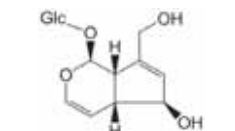
Atractylenolide III
CAS No. 73030-71-4
 $C_{15}H_{20}O_3$ M.W. 248.32
PHY80359-10MG, -50MG, -100MG[†]



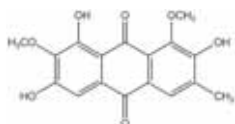
Atractylodin
CAS No. 55290-63-6
 $C_{13}H_{10}O$ M.W. 182.22
PHY80360-10MG, -50MG, -100MG[†]



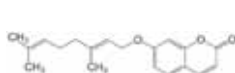
Atropine sulfate
CAS No. 55-48-1
 $C_{17}H_{23}NO_3 \cdot 0.5H_2SO_4$ M.W. 338.41
PHY80892-20MG, -100MG[†]



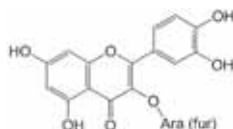
Aucubine
CAS No. 479-98-1
 $C_{15}H_{22}O_9$ M.W. 346.33
PHY89163-20MG, -100MG[†]



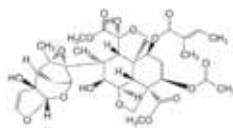
Aurantio-obtusin
CAS No. 67979-25-3
 $C_{17}H_{14}O_7$ M.W. 330.29
PHY83276-10MG, -50MG, -100MG[†]



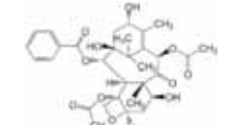
Aurapten
CAS No. 495-02-3
 $C_{19}H_{22}O_3$ M.W. 298.38
PHY82481-20MG, -100MG[†]



Avicularin
CAS No. 572-30-5
 $C_{20}H_{18}O_{11}$ M.W. 434.36
PHY80361-10MG, -50MG, -100MG[†]



Azadirachtin
CAS No. 11141-17-6
 $C_{35}H_{44}O_{16}$ M.W. 720.73
PHY89574-5MG, -10MG[†]



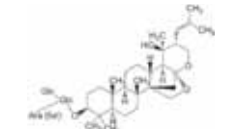
Baccatin III
CAS No. 27548-93-2
 $C_{31}H_{38}O_{11}$ M.W. 586.64
PHY89575-10MG, -50MG, -100MG[†]



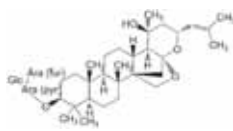
Bacopasaponin C
CAS No. 178064-13-6
 $C_{46}H_{74}O_{17}$ M.W. 899.09
PHY80362-10MG, -50MG, -100MG[†]



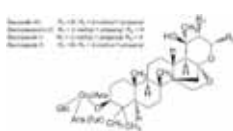
Bacopaside I
CAS No. 382148-47-2
 $C_{46}H_{74}O_{20}S$ M.W. 979.15
PHY80363-10MG, -50MG, -100MG[†]



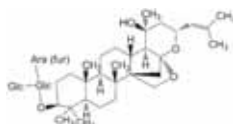
Bacopaside II
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 $C_{47}H_{76}O_{18}$ M.W. 929.11
PHY80364-10MG, -50MG, -100MG[†]



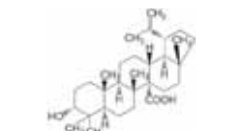
Bacopaside X
CAS No. 94443-88-6
 $C_{46}H_{74}O_{17}$ M.W. 899.09
PHY80365-10MG, -50MG, -100MG[†]



Bacoside A
CAS No. 11028-00-5 M.W. 899.07
PHY89576-10MG, -50MG, -100MG[†]

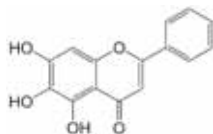


Bacoside A3
CAS No. 157408-08-7
 $C_{47}H_{76}O_{18}$ M.W. 929.11
PHY80366-10MG, -50MG, -100MG[†]

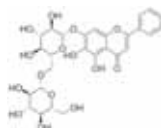


Bacosine
CAS No. 198014-94-7
 $C_{30}H_{48}O_3$ M.W. 456.71
PHY80367-10MG, -50MG, -100MG[†]

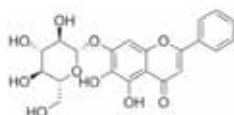
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



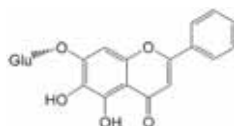
Baicalein
CAS No. 491-67-8
 $C_{15}H_{10}O_5$ M.W. 270.24
PHY89577-10MG, -50MG, -100MG[†]



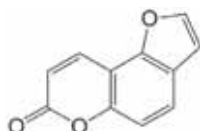
Baicalein 7-diglucoside **NEW**
CAS No. 114482-86-9
 $C_{27}H_{30}O_{15}$ M.W. 594.53
PHY83479-10MG, -50MG, -100MG[†]



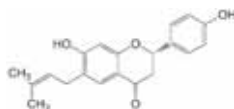
Baicalein 7-glucoside **NEW**
CAS No. 57396-78-8
 $C_{21}H_{20}O_{10}$ M.W. 432.38
PHY83480-10MG, -50MG, -100MG[†]



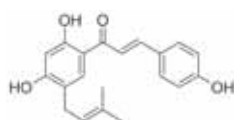
Baicalin
CAS No. 21967-41-9
 $C_{21}H_{18}O_{11}$ M.W. 446.37
PHY89322-10MG, -50MG, -100MG[†]



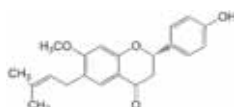
Bakuchicin
CAS No. 4412-93-5
 $C_{11}H_6O_3$ M.W. 186.17
PHY89578-10MG, -50MG, -100MG[†]



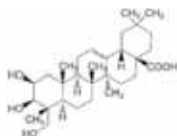
Bavachin
CAS No. 19879-32-4
 $C_{20}H_{20}O_4$ M.W. 324.38
PHY82483-10MG, -50MG, -100MG[†]



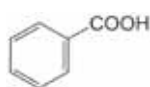
Bavachalcone **NEW**
CAS No. 28448-85-3
 $C_{20}H_{20}O_4$ M.W. 324.38
PHY83481-10MG, -50MG, -100MG[†]



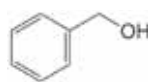
Bavachinin
CAS No. 19879-30-2
 $C_{21}H_{22}O_4$ M.W. 338.40
PHY82484-10MG, -50MG, -100MG[†]



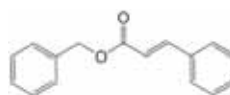
Bayogenin
CAS No. 6989-24-8
 $C_{30}H_{48}O_5$ M.W. 488.71
PHY80368-10MG, -50MG, -100MG[†]



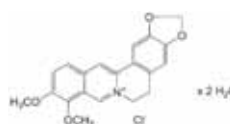
Benzoic acid
CAS No. 65-85-0
 $C_7H_6O_2$ M.W. 122.12
PHY80021-100MG, -500MG, -1000MG[†]



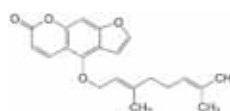
Benzyl alcohol
CAS No. 100-51-6
 C_7H_8O M.W. 108.14
PHY89164-100MG, -500MG, -1000MG[†]



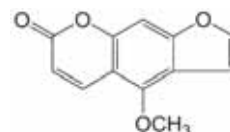
Benzyl cinnamate
CAS No. 103-41-3
 $C_{15}H_{14}O_2$ M.W. 238.29
PHY82486-100MG, -500MG, -1000MG[†]



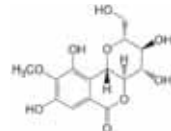
Berberine chloride dihydrate
CAS No. 5956-60-5
 $C_{20}H_{18}NO_4 \cdot 2H_2O$ M.W. 407.85
PHY89487-100MG, -500MG, -1000MG[†]



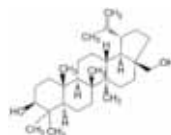
Bergamottin
CAS No. 7380-40-7
 $C_{24}H_{32}O_4$ M.W. 338.40
PHY89868-20MG, -100MG[†]



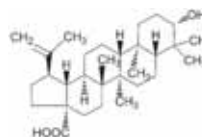
Bergapten
CAS No. 484-20-8
 $C_{17}H_{10}O_4$ M.W. 216.19
PHY89865-50MG, -100MG[†]



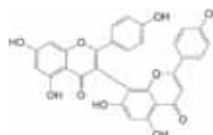
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 $C_{14}H_{16}O_9$ M.W. 328.28
PHY89580-25MG[†]



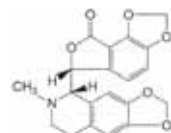
Betulin
CAS No. 473-98-3
 $C_{30}H_{50}O_2$ M.W. 442.73
PHY89581-100MG, -500MG, -1000MG[†]



Betulinic acid
CAS No. 472-15-1
 $C_{30}H_{48}O_3$ M.W. 456.71
PHY89529-50MG, -100MG[†]

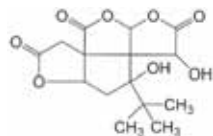


I3,II8-Biapigenin
CAS No. 101140-06-1
 $C_{30}H_{18}O_{10}$ M.W. 538.47
PHY89166-10MG, -50MG, -100MG[†]

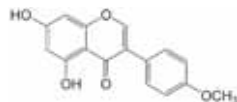


(+)-Bicuculline
CAS No. 485-49-4
 $C_{20}H_{17}NO_6$ M.W. 367.36
PHY80371-20MG, -100MG[†]

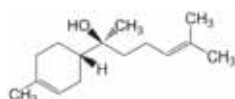
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



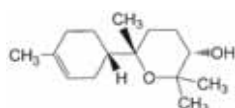
(-)-Bilobalide
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C₁₅H₁₈O₈ M.W. 326.30
PHY89167-10MG, -50MG, -100MG[†]



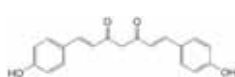
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C₁₆H₁₂O₅ M.W. 284.27
PHY80012-25MG[†]



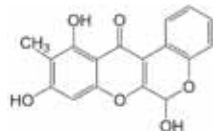
(-)-α-Bisabolol
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C₁₅H₂₆O M.W. 222.37
PHY80005-100MG, -500MG, -1000MG[†]



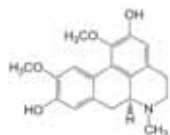
Bisabolol oxide A
CAS No. 22567-36-8
C₁₅H₂₆O₂ M.W. 238.37
PHY89168-10MG, -50MG, -100MG[†]



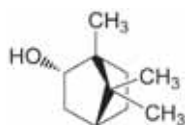
Bisdemethoxycurcumin
CAS No. 33171-05-0
C₁₉H₁₆O₄ M.W. 308.33
PHY89582-20MG, -100MG[†]



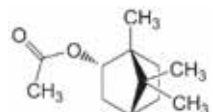
Boeravinone B
CAS No. 114567-34-9
C₁₇H₁₂O₆ M.W. 312.28
PHY82488-10MG, -50MG, -100MG[†]



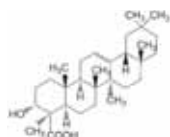
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CAS No. 476-70-0
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PHY80145-100MG, -500MG, -1000MG[†]



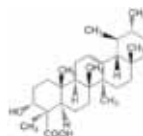
Borneol
CAS No. 507-70-0
C₁₀H₁₈O M.W. 154.25
PHY89583-100MG, -500MG, -1000MG[†]



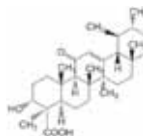
Bornyl acetate
CAS No. 76-49-3
C₁₂H₂₀O₂ M.W. 196.29
PHY89584-100MG, -500MG, -1000MG[†]



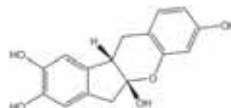
α-Boswellic acid
CAS No. 471-66-9
C₃₀H₄₈O₃ M.W. 456.71
PHY89585-10MG, -50MG, -100MG[†]



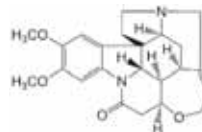
β-Boswellic acid
CAS No. 631-69-6
C₃₀H₄₈O₃ M.W. 456.71
PHY89454-10MG, -50MG, -100MG[†]



11-keto-β-Boswellic acid
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C₃₀H₄₆O₄ M.W. 470.70
PHY89169-10MG, -50MG, -100MG[†]



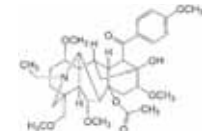
Brazilin
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C₁₆H₁₄O₅ M.W. 286.28
PHY83310-10MG, -50MG, -100MG[†]



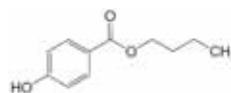
Brucine
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PHY89586-100MG, -500MG, -1000MG[†]



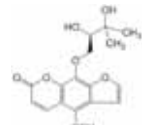
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PHY89587-10MG, -50MG, -100MG[†]



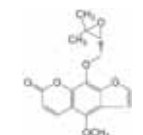
Bulleyaconitine A
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C₃₅H₄₉NO₉ M.W. 627.78
PHY89588-10MG, -50MG, -100MG[†]



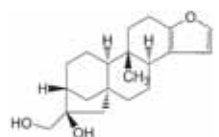
Butyl-p-hydroxybenzoate
CAS No. 94-26-8
C₁₁H₁₄O₃ M.W. 194.23
PHY89589-100MG, -500MG, -1000MG[†]



Byakangelicin
CAS No. 482-25-7
C₁₇H₁₈O₇ M.W. 334.33
PHY89875-10MG, -50MG, -100MG[†]

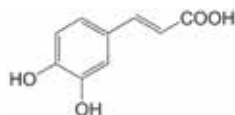


Byakangelicol
CAS No. 26091-79-2
C₁₇H₁₆O₆ M.W. 316.31
PHY80906-10MG, -50MG, -100MG[†]

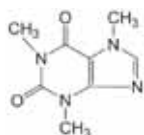


Cafestol
CAS No. 469-83-0
C₂₀H₂₈O₃ M.W. 316.44
PHY82294-10MG, -50MG, -100MG[†]

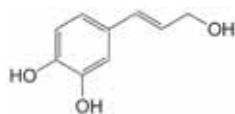
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



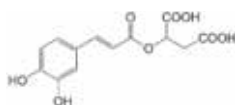
Caffeic acid
CAS No. 331-39-5
 $C_8H_6O_3$ M.W. 180.16
PHY89547-100MG, -500MG, -1000MG[†]



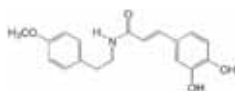
Caffeine
CAS No. 58-08-2
 $C_8H_{10}N_4O_2$ M.W. 194.19
PHY89591-100MG, -500MG, -1000MG[†]



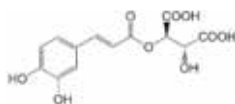
Caffeoyl alcohol
CAS No. 3598-26-3
 $C_9H_{10}O_3$ M.W. 166.18
PHY82489-10MG, -50MG, -100MG[†]



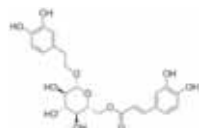
Caffeoylmalic acid
CAS No. 39015-77-5
 $C_{13}H_{12}O_8$ M.W. 296.23
PHY89238-10MG, -50MG, -100MG[†]



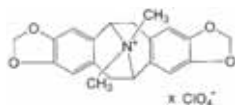
N-Caffeoyl-O-methyl tyramine
CAS No. 189307-47-9
 $C_{18}H_{19}NO_4$ M.W. 313.35
PHY80376-10MG, -50MG, -100MG[†]



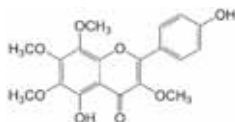
Caftaric acid
CAS No. 67879-58-7
 $C_{13}H_{12}O_9$ M.W. 312.23
PHY89170-10MG, -50MG, -100MG[†]



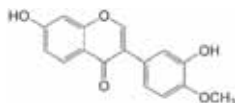
Calceolarioside B NEW
CAS No. 105471-98-5
 $C_{23}H_{26}O_{11}$ M.W. 478.45
PHY83482-10MG, -50MG, -100MG[†]



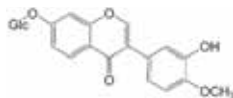
Californidine perchlorate
CAS No. 17939-31-0
 $C_{20}H_{20}NO_4 \cdot ClO_4^-$ M.W. 338.38
PHY89592-10MG, -50MG, -100MG[†]



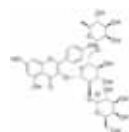
Calycopterin
CAS No. 481-52-7
 $C_{19}H_{16}O_8$ M.W. 374.35
PHY82490-10MG, -50MG, -100MG[†]



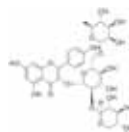
Calycosin
CAS No. 20575-57-9
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY82491-10MG, -50MG, -100MG[†]



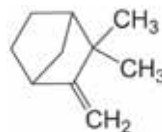
Calycosin 7-glucoside
CAS No. 20633-67-4
 $C_{22}H_{22}O_{10}$ M.W. 446.41
PHY82492-10MG, -50MG, -100MG[†]



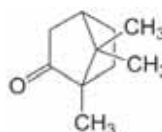
Camelliaside A NEW
CAS No. 135095-52-2
 $C_{33}H_{40}O_{20}$ M.W. 756.67
PHY83483-10MG, -50MG, -100MG[†]



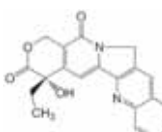
Camelliaside B NEW
CAS No. 131573-90-5
 $C_{32}H_{38}O_{19}$ M.W. 726.64
PHY83484-10MG, -50MG, -100MG[†]



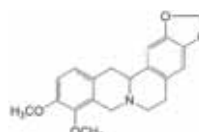
Camphene
CAS No. 79-92-5
 $C_{10}H_{16}$ M.W. 136.24
PHY80063-100MG, -500MG, -1000MG[†]



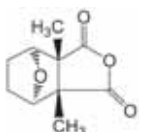
DL-Camphor
CAS No. 76-22-2
 $C_{10}H_{16}O$ M.W. 152.24
PHY80087-100MG, -500MG, -1000MG[†]



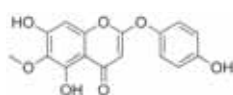
Camptothecin
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 $C_{20}H_{16}N_2O_4$ M.W. 348.36
PHY89593-50MG, -100MG[†]



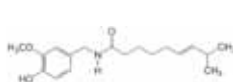
Canadine
CAS No. 522-97-4
 $C_{20}H_{21}NO_4$ M.W. 339.39
PHY80378-10MG, -50MG, -100MG[†]



Cantharidin
CAS No. 56-25-7
 $C_{10}H_{12}O_4$ M.W. 196.20
PHY89594-25MG[†]

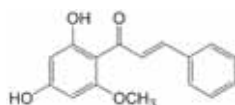


Capillarisin NEW
CAS No. 56365-38-9
 $C_{16}H_{12}O_7$ M.W. 316.27
PHY83485-10MG, -50MG, -100MG[†]

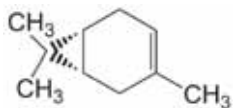


Capsaicin
CAS No. 404-86-4
 $C_{18}H_{27}NO_3$ M.W. 305.42
PHY89520-25MG[†]

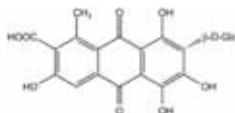
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



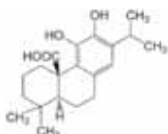
Cardamomin
CAS No. 19309-14-9
 $C_{16}H_{14}O_4$ M.W. 270.29
PHY80379-10MG, -50MG, -100MG[†]



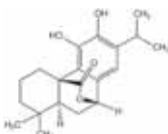
(+)-Δ-3-Carene
CAS No. 13466-78-9
 $C_{10}H_{16}$ M.W. 136.24
PHY80088-100MG, -500MG, -1000MG[†]



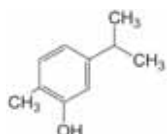
Carminic acid
CAS No. 1260-17-9
 $C_{22}H_{20}O_{13}$ M.W. 492.93
PHY82865-10MG, -50MG, -100MG[†]



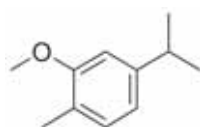
Carnosic acid
CAS No. 3650-09-7
 $C_{20}H_{26}O_4$ M.W. 332.44
PHY89171-10MG, -50MG, -100MG[†]



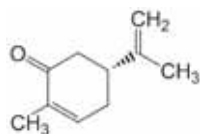
Carnosol
CAS No. 5957-80-2
 $C_{20}H_{26}O_4$ M.W. 332.44
PHY80150-10MG, -50MG, -100MG[†]



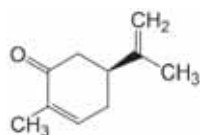
Carvacrol
CAS No. 499-75-2
 $C_{10}H_{14}O$ M.W. 150.22
PHY80241-100MG, -500MG, -1000MG[†]



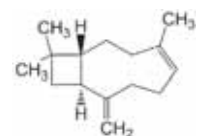
Carvacrol methyl ether **NEW**
CAS No. 6379-73-3
 $C_{11}H_{16}O$ M.W. 164.25
PHY83363-25MG[†]



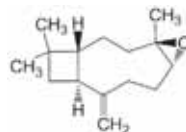
(-)-Carvone
CAS No. 6485-40-1
 $C_{10}H_{14}O$ M.W. 150.22
PHY80099-100MG, -500MG, -1000MG[†]



(+)-Carvone
CAS No. 2244-16-8
 $C_{10}H_{14}O$ M.W. 150.22
PHY80240-100MG, -500MG, -1000MG[†]



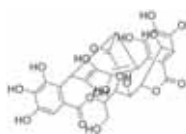
β-Caryophyllene
CAS No. 87-44-5
 $C_{15}H_{24}$ M.W. 204.36
PHY80717-100MG, -500MG, -1000MG[†]



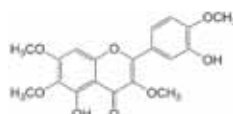
(-)-Caryophyllene oxide
CAS No. 1139-30-6
 $C_{15}H_{24}O$ M.W. 220.36
PHY82496-100MG, -500MG, -1000MG[†]



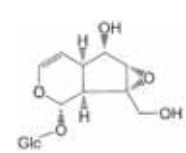
Castalagin **NEW**
CAS No. 24312-00-3
 $C_{41}H_{26}O_{26}$ M.W. 934.64
PHY83486-5MG, -10MG[†]



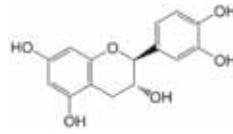
Castalin **NEW**
CAS No. 19086-75-0
 $C_{27}H_{20}O_{18}$ M.W. 632.45
PHY83487-5MG, -10MG[†]



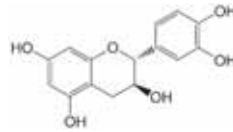
Casticin
CAS No. 479-91-4
 $C_{19}H_{18}O_8$ M.W. 374.35
PHY89173-10MG, -50MG, -100MG[†]



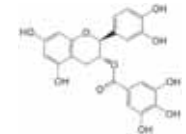
Catalpol
CAS No. 2415-24-9
 $C_{15}H_{22}O_{10}$ M.W. 362.33
PHY89595-10MG, -50MG, -100MG[†]



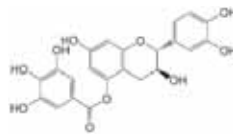
(-)-Catechin
CAS No. 18829-70-4
 $C_{15}H_{14}O_6$ M.W. 290.27
PHY80992-10MG, -50MG, -100MG[†]



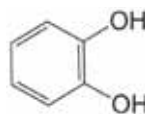
(+)-Catechin
CAS No. 154-23-4
 $C_{15}H_{14}O_6$ M.W. 290.27
PHY89172-20MG, -100MG[†]



(-)-Catechin 3-gallate
CAS No. 130405-40-2
 $C_{22}H_{18}O_{10}$ M.W. 442.38
PHY82497-10MG, -50MG, -100MG[†]

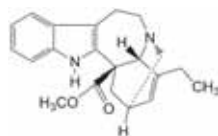


(+)-Catechin 5-gallate
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 $C_{22}H_{18}O_{10}$ M.W. 442.38
PHY82498-10MG, -50MG, -100MG[†]

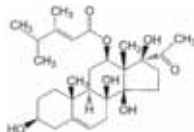


Catechol
CAS No. 120-80-9
 $C_6H_6O_2$ M.W. 110.11
PHY82372-100MG, -500MG, -1000MG[†]

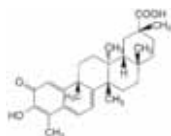
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



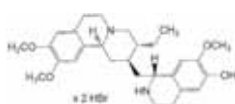
Catharanthine
CAS No. 2468-21-5
 $C_{21}H_{22}N_2O_2$ M.W. 336.44
PHY80380-10MG, -50MG, -100MG[†]



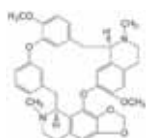
Caudatin
CAS No. 38395-02-7
 $C_{28}H_{42}O_7$ M.W. 490.64
PHY89596-10MG, -50MG, -100MG[†]



Celastrol
CAS No. 34157-83-0
 $C_{29}H_{38}O_4$ M.W. 450.62
PHY80381-10MG, -50MG, -100MG[†]



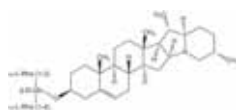
Cephaeline diHBr
CAS No. 6014-81-9
 $C_{28}H_{36}N_2O_2 \cdot 2HBr$ M.W. 628.45
PHY80134-10MG, -50MG, -100MG[†]



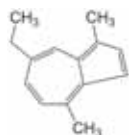
Cepharanthine
CAS No. 481-49-2
 $C_{37}H_{38}N_2O_6$ M.W. 606.72
PHY89599-10MG, -50MG, -100MG[†]



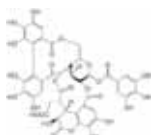
Cevadine
CAS No. 62-59-9
 $C_{32}H_{49}NO_9$ M.W. 591.74
PHY82921-10MG, -50MG, -100MG[†]



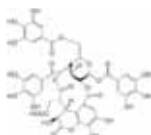
α-Chaconine
CAS No. 20562-03-2
 $C_{45}H_{73}NO_{14}$ M.W. 852.08
PHY80075-5MG, -10MG[†]



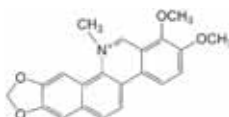
Chamazulene
CAS No. 529-05-5
 $C_{14}H_{16}$ M.W. 184.28
PHY89174-20MG, -100MG[†]



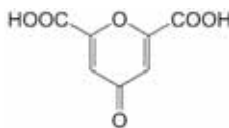
Chebulagic acid
CAS No. 23094-71-5
 $C_{41}H_{30}O_{27}$ M.W. 954.67
PHY80570-10MG, -50MG, -100MG[†]



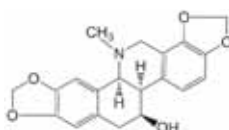
Chebulinic acid
CAS No. 18942-26-2
 $C_{41}H_{32}O_{27}$ M.W. 956.69
PHY80572-10MG, -50MG, -100MG[†]



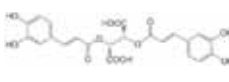
Chelerythrine chloride
CAS No. 3895-92-9
 $C_{21}H_{18}NO_4Cl$ M.W. 383.83
PHY89896-10MG, -50MG, -100MG[†]



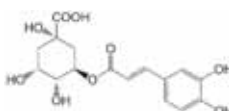
Chelidonic acid
CAS No. 99-32-1
 $C_7H_6O_6$ M.W. 184.10
PHY80239-100MG, -500MG, -1000MG[†]



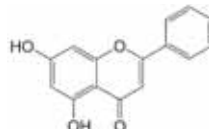
Chelidonine
CAS No. 476-32-4
 $C_{20}H_{19}NO_5$ M.W. 353.38
PHY89600-20MG, -100MG[†]



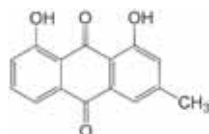
Chicoric acid
CAS No. 70831-56-0
 $C_{22}H_{18}O_{12}$ M.W. 474.38
PHY89177-10MG, -50MG, -100MG[†]



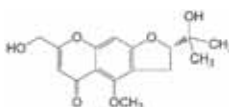
Chlorogenic acid
CAS No. 327-97-9
 $C_{16}H_{18}O_9$ M.W. 354.31
PHY89175-50MG, -100MG[†]



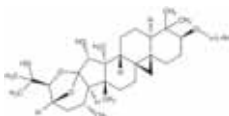
Chrysin
CAS No. 480-40-0
 $C_{15}H_{10}O_4$ M.W. 254.24
PHY80382-100MG, -500MG, -1000MG[†]



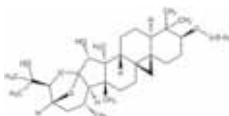
Chrysophanol
CAS No. 481-74-3
 $C_{16}H_{10}O_4$ M.W. 254.24
PHY89378-25MG[†]



Cimifugin
CAS No. 37921-38-3
 $C_{16}H_{18}O_6$ M.W. 306.32
PHY89387-10MG, -50MG, -100MG[†]

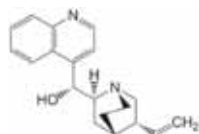


Cimigenol 3-α-L-arabinoside
CAS No. 256925-92-5
 $C_{35}H_{56}O_9$ M.W. 620.83
PHY83329-10MG, -50MG, -100MG[†]

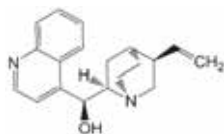


Cimigenol 3-β-D-xyloside
CAS No. 27994-11-2
 $C_{36}H_{56}O_9$ M.W. 620.83
PHY83330-10MG, -50MG, -100MG[†]

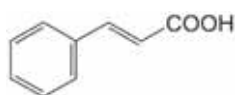
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



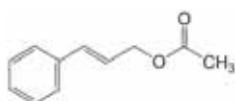
(-)-Cinchonidine
CAS No. 485-71-2
 $C_{19}H_{22}N_2O$ M.W. 294.40
PHY80961-100MG, -500MG, -1000MG[†]



(+)-Cinchonine
CAS No. 118-10-5
 $C_{19}H_{22}N_2O$ M.W. 294.40
PHY80963-100MG, -500MG, -1000MG[†]



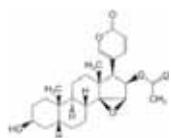
trans-Cinnamic acid
CAS No. 140-10-3
 $C_9H_8O_2$ M.W. 148.16
PHY89608-100MG, -500MG, -1000MG[†]



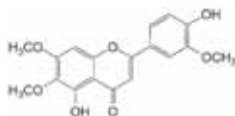
Cinnamyl acetate
CAS No. 103-54-8
 $C_{11}H_{12}O_2$ M.W. 176.22
PHY82499[†]



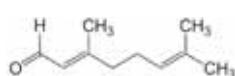
Cinnamtannin A2 NEW
CAS No. 86631-38-1
 $C_{60}H_{90}O_{24}$ M.W. 1155.04
PHY83372-5MG, -10MG[†]



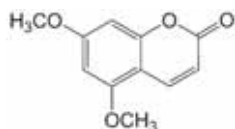
Cinobufagin
CAS No. 470-37-1
 $C_{26}H_{34}O_6$ M.W. 442.55
PHY89609-10MG, -50MG, -100MG[†]



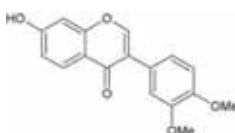
Cirsilineol
CAS No. 41365-32-6
 $C_{18}H_{16}O_7$ M.W. 344.32
PHY82500-10MG, -50MG, -100MG[†]



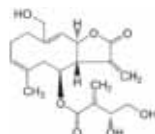
Citral
CAS No. 5392-40-5
 $C_{10}H_{16}O$ M.W. 152.24
PHY82501-100MG, -500MG, -1000MG[†]



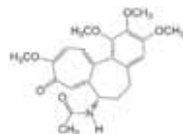
Citropten
CAS No. 487-06-9
 $C_{11}H_{10}O_4$ M.W. 206.32
PHY80333-25MG[†]



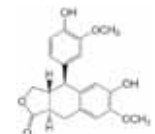
Cladrin
CAS No. 24160-14-3
 $C_{17}H_{14}O_5$ M.W. 298.30
PHY83254-10MG, -50MG, -100MG[†]



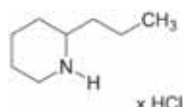
Cnicin
CAS No. 24394-09-0
 $C_{20}H_{26}O_7$ M.W. 378.42
PHY80384-10MG, -50MG, -100MG[†]



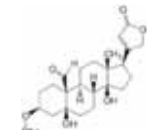
Colchicine
CAS No. 64-86-8
 $C_{22}H_{25}NO_6$ M.W. 399.44
PHY89610-25MG[†]



(-)-α-Conidendrin
CAS No. 518-55-8
 $C_{20}H_{20}O_6$ M.W. 356.38
PHY80417-10MG, -50MG, -100MG[†]



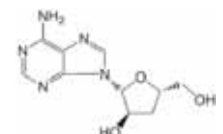
Coniine HCl
CAS No. 15991-59-0
 $C_8H_{17}N \cdot HCl$ M.W. 163.69
PHY80201-20MG, -100MG[†]



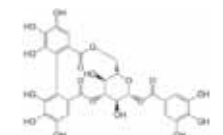
Convallatoxin
CAS No. 508-75-8
 $C_{26}H_{42}O_{10}$ M.W. 550.65
PHY80834-10MG, -50MG, -100MG[†]



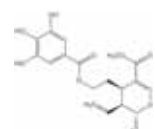
Coptisin chloride
CAS No. 6020-18-4
 $C_{19}H_{14}NO_4Cl$ M.W. 355.78
PHY89524-10MG, -50MG, -100MG[†]



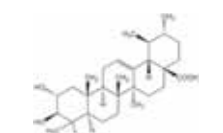
Cordycepin
CAS No. 73-03-0
 $C_{10}H_{13}N_5O_3$ M.W. 251.25
PHY82505-10MG, -50MG, -100MG[†]



Corilagin
CAS No. 23094-69-1
 $C_{27}H_{22}O_{18}$ M.W. 634.46
PHY80390-10MG, -50MG, -100MG[†]

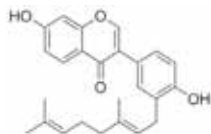


Cornuside
CAS No. 131189-57-6
 $C_{24}H_{30}O_{14}$ M.W. 542.49
PHY83331-10MG, -50MG, -100MG[†]

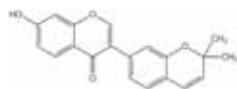


Corosolic acid
CAS No. 4547-24-4
 $C_{30}H_{48}O_4$ M.W. 472.71
PHY80065-10MG, -50MG, -100MG[†]

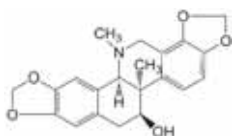
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



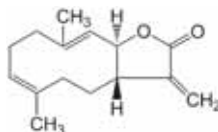
Corylifol A
CAS No. 775351-88-7
 $C_{25}H_{26}O_4$ M.W. 390.48
PHY83488-10MG, -50MG, -100MG 1 mg[†]
(10 mg min order)



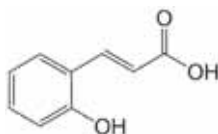
Corylin
CAS No. 53947-92-5
 $C_{20}H_{16}O_4$ M.W. 320.35
PHY83287-10MG, -50MG, -100MG[†]



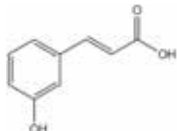
Corynoline
CAS No. 18797-79-0
 $C_{21}H_{21}NO_5$ M.W. 367.40
PHY80574-10MG, -50MG, -100MG[†]



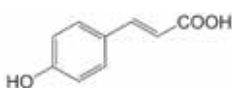
Costunolide
CAS No. 553-21-9
 $C_{15}H_{20}O_2$ M.W. 232.32
PHY89611-10MG, -50MG, -100MG[†]



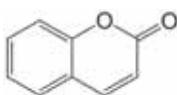
trans-o-Coumaric acid
CAS No. 614-60-8
 $C_9H_8O_3$ M.W. 164.16
PHY82343-100MG, -500MG, -1000MG[†]



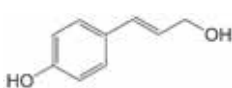
trans-m-Coumaric acid
CAS No. 14755-02-3
 $C_9H_8O_3$ M.W. 164.16
PHY83258-100MG, -500MG, -1000MG[†]



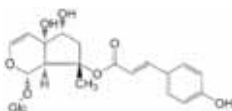
trans-p-Coumaric acid
CAS No. 501-98-4
 $C_9H_8O_3$ M.W. 164.16
PHY89498-100MG, -500MG, -1000MG[†]



Coumarin
CAS No. 91-64-5
 $C_9H_6O_2$ M.W. 146.15
PHY80017-100MG, -500MG, -1000MG[†]



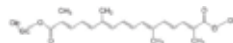
p-Coumaroyl alcohol
CAS No. 3690-05-9
 $C_9H_{10}O_2$ M.W. 150.18
PHY82506-10MG, -50MG, -100MG[†]



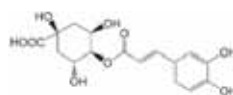
8-p-Coumaroylharpagide
CAS No. 87686-74-6
 $C_{24}H_{30}O_{12}$ M.W. 510.50
PHY89178-10MG, -50MG, -100MG[†]



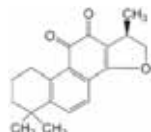
Crocin
CAS No. 42553-65-1
 $C_{44}H_{64}O_{24}$ M.W. 976.98
PHY80391-10MG, -50MG, -100MG[†]



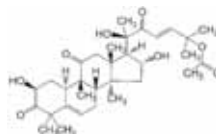
Crocin 2
CAS No. 55750-84-0
 $C_{38}H_{54}O_{19}$ M.W. 814.84
PHY80392-10MG, -50MG, -100MG[†]



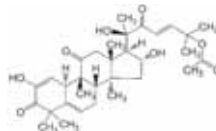
Cryptochlorogenic acid
CAS No. 905-99-7
 $C_{16}H_{18}O_9$ M.W. 354.31
PHY80393-10MG, -50MG, -100MG[†]



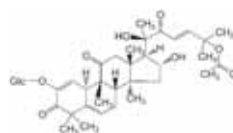
Cryptotanshinone
CAS No. 35825-57-1
 $C_{19}H_{20}O_3$ M.W. 296.37
PHY89612-10MG, -50MG, -100MG[†]



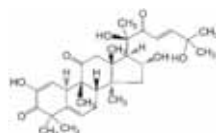
Cucurbitacin B
CAS No. 6199-67-3
 $C_{37}H_{46}O_8$ M.W. 558.71
PHY82226-10MG, -50MG, -100MG[†]



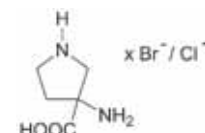
Cucurbitacin E
CAS No. 18444-66-1
 $C_{32}H_{44}O_8$ M.W. 556.70
PHY80013-10MG, -50MG, -100MG[†]



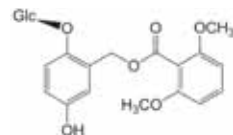
Cucurbitacin E-2-O-glucoside
CAS No. 1398-78-3
 $C_{38}H_{54}O_{13}$ M.W. 718.84
PHY89613-10MG, -50MG, -100MG[†]



Cucurbitacin I
CAS No. 2222-07-3
 $C_{30}H_{42}O_7$ M.W. 514.66
PHY89464-10MG, -50MG, -100MG[†]

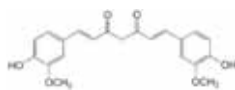


Cucurbitin
CAS No. 80546-88-9
 $C_8H_{10}N_2O_2$ M.W. 130.15
PHY80034-10MG, -50MG, -100MG[†]

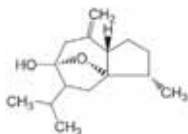


Curculigoside
CAS No. 85643-19-2
 $C_{22}H_{26}O_{11}$ M.W. 466.44
PHY80576-10MG, -50MG, -100MG[†]

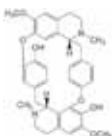
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



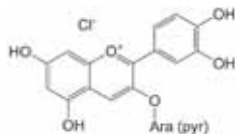
Curcumin
CAS No. 458-37-7
 $C_{21}H_{20}O_6$ M.W. 368.39
PHY89180-25MG[†]



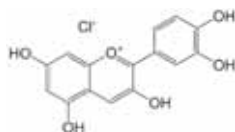
Curcuminol
CAS No. 4871-97-0
 $C_{15}H_{24}O_2$ M.W. 236.36
PHY82299-10MG, -50MG, -100MG[†]



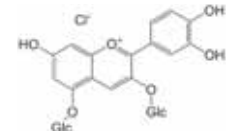
(-)-Curine
CAS No. 436-05-5
 $C_{36}H_{38}N_2O_6$ M.W. 594.71
PHY80979-10MG, -50MG, -100MG[†]



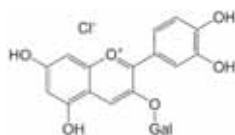
Cyanidin 3-arabinoside chloride
CAS No. 57186-11-5
 $C_{20}H_{19}O_{10}Cl$ M.W. 454.82
PHY89614-10MG, -50MG, -100MG[†]



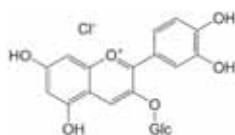
Cyanidin chloride
CAS No. 528-58-5
 $C_{15}H_{11}O_6Cl$ M.W. 322.70
PHY80022-20MG, -100MG[†]



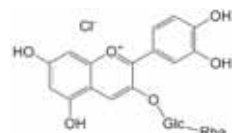
Cyanidin 3,5-diglucoside chloride
CAS No. 2611-67-8
 $C_{27}H_{31}O_{16}Cl$ M.W. 646.99
PHY89615-10MG, -50MG, -100MG[†]



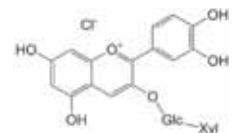
Cyanidin 3-galactoside chloride
CAS No. 27661-36-5
 $C_{21}H_{21}O_{11}Cl$ M.W. 484.84
PHY89463-10MG, -50MG, -100MG[†]



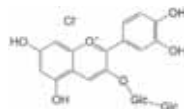
Cyanidin 3-glucoside chloride
CAS No. 7084-24-4
 $C_{21}H_{21}O_{11}Cl$ M.W. 484.84
PHY89616-10MG, -50MG, -100MG[†]



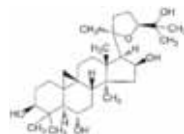
Cyanidin 3-rutinoside chloride
CAS No. 18719-76-1
 $C_{27}H_{31}O_{15}Cl$ M.W. 630.99
PHY80577-10MG, -50MG, -100MG[†]



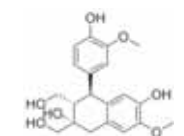
Cyanidin 3-sambubioside chloride
CAS No. 33012-73-6
 $C_{28}H_{29}O_{15}Cl$ M.W. 616.96
PHY89617-5MG, -10MG[†]



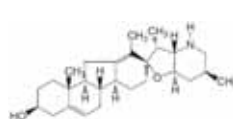
Cyanidin 3-sophoroside chloride
CAS No. 18376-31-3
 $C_{27}H_{31}O_{16}Cl$ M.W. 646.99
PHY80579-5MG, -10MG[†]



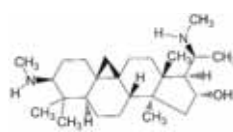
Cycloastragenol
CAS No. 78574-94-4
 $C_{30}H_{50}O_5$ M.W. 490.73
PHY82509-10MG, -50MG, -100MG[†]



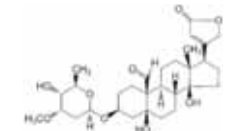
Cycloolivil NEW
CAS No. 3064-05-9
 $C_{20}H_{24}O_7$ M.W. 376.41
PHY83489-10MG, -50MG, -100MG[†]



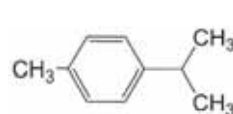
Cyclopamine
CAS No. 4449-51-8
 $C_{27}H_{41}NO_2$ M.W. 411.63
PHY82510-10MG, -50MG, -100MG[†]



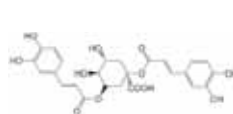
Cycloviroboxin D
CAS No. 860-79-7
 $C_{26}H_{46}N_2O$ M.W. 402.67
PHY80400-10MG, -50MG, -100MG[†]



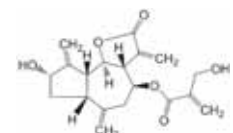
Cymarol
CAS No. 508-77-0
 $C_{30}H_{44}O_9$ M.W. 548.68
PHY89838-20MG, -100MG[†]



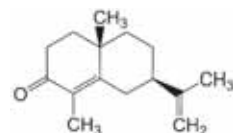
p-Cymene
CAS No. 99-87-6
 $C_{10}H_{14}$ M.W. 134.22
PHY80836-100MG, -500MG, -1000MG[†]



Cynarin
CAS No. 30964-13-7
 $C_{22}H_{24}O_{12}$ M.W. 516.46
PHY89179-10MG, -50MG, -100MG[†]

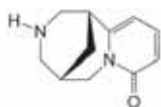


Cynaropicrin
CAS No. 35730-78-0
 $C_{19}H_{22}O_6$ M.W. 346.38
PHY89619-10MG, -50MG, -100MG[†]

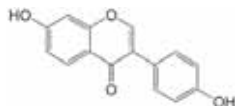


α -Cyperone
CAS No. 473-08-5
 $C_{15}H_{22}O$ M.W. 218.34
PHY89857-10MG, -50MG, -100MG[†]

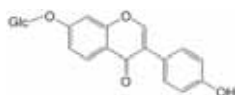
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



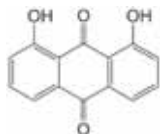
Cytisine
CAS No. 485-35-8
 $C_{11}H_{16}N_2O$ M.W. 190.25
PHY80401-10MG, -50MG, -100MG[†]



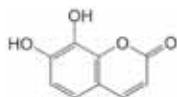
Daidzein
CAS No. 486-66-8
 $C_{15}H_{10}O_4$ M.W. 254.24
PHY89181-50MG, -100MG[†]



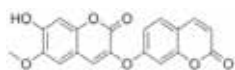
Daidzin
CAS No. 552-66-9
 $C_{21}H_{20}O_9$ M.W. 416.39
PHY89182-20MG, -100MG[†]



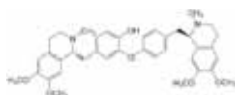
Danthrone
CAS No. 117-10-2
 $C_{14}H_8O_4$ M.W. 240.22
PHY89620-100MG, -500MG, -1000MG[†]



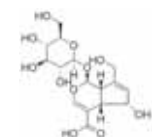
Daphnetin
CAS No. 486-35-1
 $C_8H_6O_4$ M.W. 178.14
PHY89621-10MG, -50MG, -100MG[†]



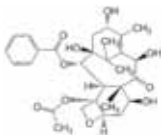
Daphnoretin NEW
CAS No. 2034-69-7
 $C_{19}H_{12}O_7$ M.W. 352.30
PHY83490-10MG, -50MG, -100MG[†]



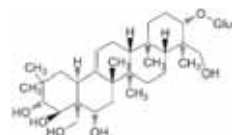
Dauricine
CAS No. 524-17-4
 $C_{38}H_{44}N_2O_6$ M.W. 624.78
PHY80419-10MG, -50MG, -100MG[†]



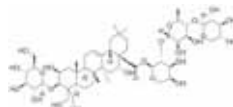
Deacetylasperulosidic acid NEW
CAS No. 14259-55-3
 $C_{16}H_{22}O_{11}$ M.W. 390.34
PHY83491-10MG, -50MG, -100MG[†]



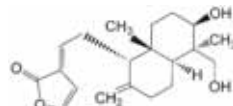
10-Deacetylbaccatin III
CAS No. 32981-86-5
 $C_{38}H_{36}O_{10}$ M.W. 544.60
PHY89622-10MG, -50MG, -100MG[†]



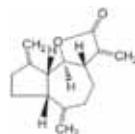
Deacylgymnemic acid
CAS No. 121686-42-8
 $C_{36}H_{38}O_{12}$ M.W. 682.85
PHY80420-10MG, -50MG, -100MG[†]



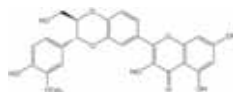
Deapioplatycodin D NEW
CAS No. 78763-58-3
 $C_{52}H_{84}O_{24}$ M.W. 1093.23
PHY83492-10MG, -50MG, -100MG[†]



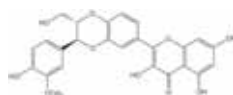
Dehydroandrographolide
CAS No. 134418-28-3
 $C_{20}H_{28}O_4$ M.W. 332.44
PHY89623-10MG, -50MG, -100MG[†]



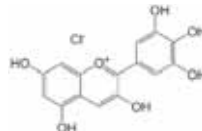
Dehydrocostus lactone
CAS No. 477-43-0
 $C_{15}H_{18}O_2$ M.W. 230.31
PHY89624-10MG, -50MG, -100MG[†]



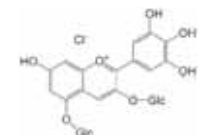
2,3-Dehydrosilybin A
CAS No. 25166-14-7
 $C_{26}H_{20}O_{10}$ M.W. 480.43
PHY82877-5MG, -10MG[†]



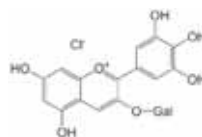
2,3-Dehydrosilybin B
CAS No. 142796-24-5
 $C_{26}H_{20}O_{10}$ M.W. 480.43
PHY82878-5MG, -10MG[†]



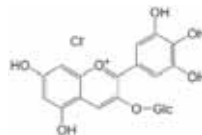
Delphinidin chloride
CAS No. 528-53-0
 $C_{15}H_{11}O_7Cl$ M.W. 338.70
PHY89625-10MG, -50MG, -100MG[†]



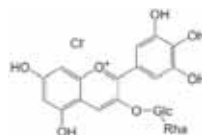
Delphinidin 3,5-diglucoside chlorohydrate
CAS No. 17670-06-3
 $C_{27}H_{31}O_{17}Cl$ M.W. 662.99
PHY89626-10MG, -50MG, -100MG[†]



Delphinidin 3-galactoside
CAS No. 28500-00-7
 $C_{21}H_{21}O_{12}Cl$ M.W. 500.84
PHY89506-5MG, -10MG[†]

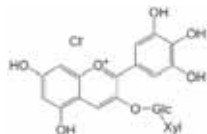


Delphinidin 3-glucoside chlorohydrate
CAS No. 6906-38-3
 $C_{21}H_{21}O_{12}Cl$ M.W. 500.84
PHY89627-10MG, -50MG, -100MG[†]

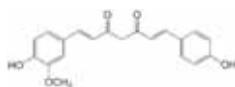


Delphinidin 3-rutinoside chlorohydrate
CAS No. 15674-58-5
 $C_{27}H_{31}O_{18}Cl$ M.W. 646.99
PHY80735-10MG, -50MG, -100MG[†]

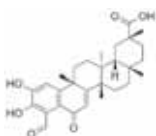
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



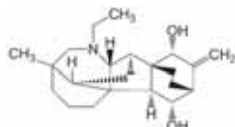
Delphinidin 3-sambubioside chloride
CAS No. 53158-73-9
 $C_{26}H_{29}O_{16}Cl$ M.W. 632.96
PHY82249-5MG, -10MG[†]



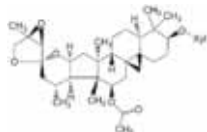
Demethoxycurcumin
CAS No. 22608-11-3
 $C_{20}H_{18}O_5$ M.W. 338.36
PHY89628-20MG, -100MG[†]



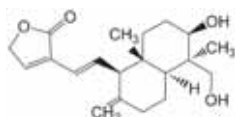
Demethylzeylasteral **NEW**
CAS No. 107316-88-1
 $C_{29}H_{36}O_6$ M.W. 480.60
PHY83493-10MG, -50MG, -100MG[†]



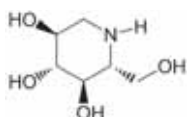
Denudatine
CAS No. 26166-37-0
 $C_{22}H_{33}NO_2$ M.W. 343.51
PHY82515-10MG, -50MG, -100MG[†]



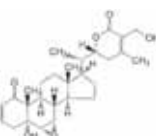
27-Deoxyactein
CAS No. 264624-38-6
 $C_{37}H_{56}O_{10}$ M.W. 660.85
PHY89183-10MG, -50MG, -100MG[†]



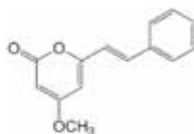
14-Deoxy-11,14-didehydroandrographolide
CAS No. 42895-58-9
 $C_{20}H_{28}O_4$ M.W. 332.44
PHY89631-10MG, -50MG, -100MG[†]



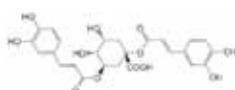
1-Deoxynojirimycin
CAS No. 19130-96-2
 $C_6H_{13}NO_4$ M.W. 163.17
PHY80421-10MG, -50MG, -100MG[†]



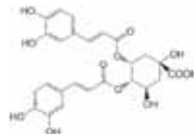
12-Deoxywithastramonolide
CAS No. 60124-17-6
 $C_{28}H_{36}O_6$ M.W. 470.61
PHY80422-10MG, -50MG, -100MG[†]



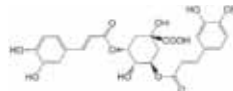
Desmethoxyyangonin
CAS No. 15345-89-8
 $C_{14}H_{12}O_3$ M.W. 228.25
PHY89184-10MG, -50MG, -100MG[†]



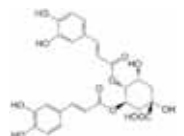
1,5-Dicaffeoylquinic acid
CAS No. 19870-46-3
 $C_{25}H_{34}O_{12}$ M.W. 516.46
PHY82221-10MG, -50MG, -100MG[†]



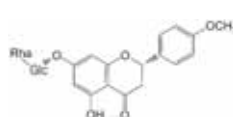
3,4-Dicaffeoylquinic acid
CAS No. 14534-61-3
 $C_{25}H_{34}O_{12}$ M.W. 516.46
PHY80425-10MG, -50MG, -100MG[†]



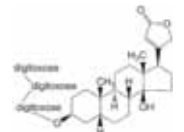
3,5-Dicaffeoylquinic acid
CAS No. 2450-53-5
 $C_{25}H_{34}O_{12}$ M.W. 516.46
PHY80426-10MG, -50MG, -100MG[†]



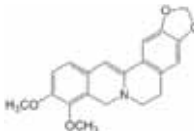
4,5-Dicaffeoylquinic acid
CAS No. 57378-72-0
 $C_{25}H_{34}O_{12}$ M.W. 516.46
PHY80427-10MG, -50MG, -100MG[†]



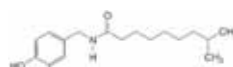
Didymine
CAS No. 14259-47-3
 $C_{26}H_{34}O_{14}$ M.W. 594.57
PHY80584-10MG, -50MG, -100MG[†]



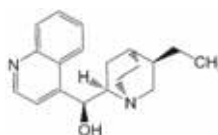
Digitoxin
CAS No. 71-63-6
 $C_{41}H_{64}O_{13}$ M.W. 764.95
PHY82516-25MG[†]



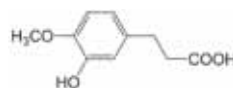
Dihydroberberine
CAS No. 483-15-8
 $C_{20}H_{19}NO_4$ M.W. 337.38
PHY80429-10MG, -50MG, -100MG[†]



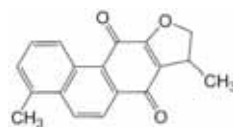
Dihydrocapsaicin
CAS No. 19408-84-5
 $C_{18}H_{29}NO_3$ M.W. 307.43
PHY89647-20MG, -100MG[†]



(+)-Dihydrocinchonine
CAS No. 485-65-4
 $C_{19}H_{24}N_2O$ M.W. 296.41
PHY80966-25MG[†]

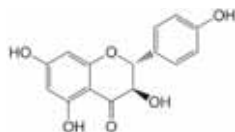


Dihydroisoferrulic acid
CAS No. 1135-15-5
 $C_{10}H_{12}O_4$ M.W. 196.20
PHY80683-50MG, -100MG[†]

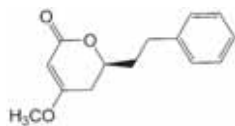


Dihydroisotanshinone I
CAS No. 20958-18-3
 $C_{18}H_{14}O_3$ M.W. 278.31
PHY82519-10MG, -50MG, -100MG[†]

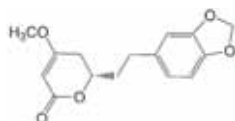
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



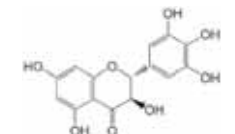
Dihydrokaempferol
CAS No. 480-20-6
C₁₅H₁₂O₆ M.W. 288.26
PHY80430-10MG, -50MG, -100MG[†]



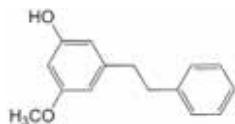
Dihydrokavain
CAS No. 587-63-3
C₁₄H₁₆O₃ M.W. 232.28
PHY89185-10MG, -50MG, -100MG[†]



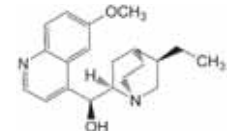
Dihydromethysticin
CAS No. 19902-91-1
C₁₅H₁₆O₅ M.W. 276.29
PHY89186-10MG, -50MG, -100MG[†]



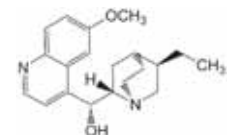
Dihydromyricetin
CAS No. 27200-12-0
C₁₅H₁₂O₈ M.W. 320.26
PHY80431-20MG, -100MG[†]



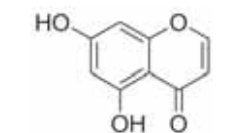
Dihydropinosylvan monomethyl ether
CAS No. 17635-59-5
C₁₅H₁₆O₂ M.W. 228.29
PHY80432-10MG, -50MG, -100MG[†]



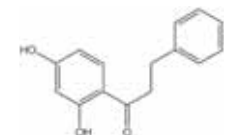
(+)-Dihydroquinidine
CAS No. 1435-55-8
C₂₀H₂₆N₂O₂ M.W. 326.44
PHY80967-100MG, -500MG, -1000MG[†]



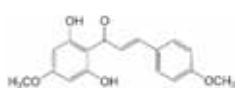
(-)-Dihydroquinine
CAS No. 522-66-7
C₂₀H₂₆N₂O₂ M.W. 326.44
PHY80965-100MG, -500MG, -1000MG[†]



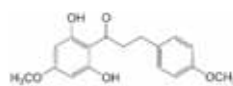
5,7-Dihydroxychromone NEW
CAS No. 31721-94-5
C₉H₆O₄ M.W. 178.14
PHY83494-20MG, -100MG[†]



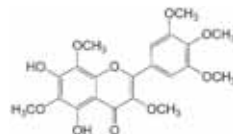
2',4'-Dihydroxydihydrochalcone
CAS No. 53596-71-7
C₁₅H₁₄O₃ M.W. 242.28
PHY83216-10MG, -50MG, -100MG[†]



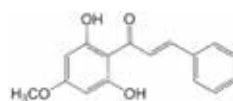
2',6'-Dihydroxy 4',4'-dimethoxychalcone
CAS No. 94441-99-3
C₁₇H₁₆O₅ M.W. 300.31
PHY82520-10MG, -50MG, -100MG[†]



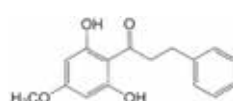
2',6'-Dihydroxy 4',4'-dimethoxydihydrochalcone
CAS No. 35241-54-4
C₁₇H₁₈O₅ M.W. 302.33
PHY82521-10MG, -50MG, -100MG[†]



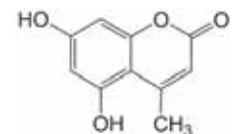
5,7-Dihydroxy 3,3',4',5',6,8-hexamethoxyflavone
CAS No. 96887-18-2
C₂₁H₂₂O₁₀ M.W. 434.40
PHY82522-10MG, -50MG, -100MG[†]



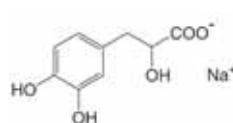
2',6'-Dihydroxy 4'-methoxychalcone
CAS No. 18956-15-5
C₁₆H₁₄O₄ M.W. 270.29
PHY82523-10MG, -50MG, -100MG[†]



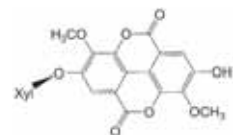
2',6'-Dihydroxy 4'-methoxydihydrochalcone
CAS No. 35241-55-5
C₁₆H₁₆O₄ M.W. 272.30
PHY82524-10MG, -50MG, -100MG[†]



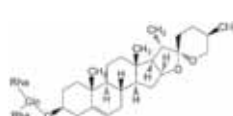
5,7-Dihydroxy-4-methylcoumarin
CAS No. 2107-76-8
C₁₀H₈O₄ M.W. 192.17
PHY80159-100MG, -500MG, -1000MG[†]



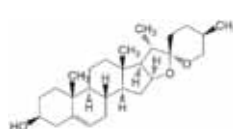
3-(3',4'-Dihydroxyphenyl) lactic acid sodium salt
CAS No. 67920-52-9
C₉H₈O₅Na M.W. 220.16
PHY80042-10MG, -50MG, -100MG[†]



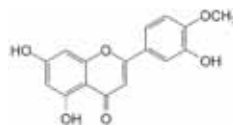
3,3'-Di-O-methylelagic acid 4'-xylopyranoside
CAS No. 62218-23-9
C₂₇H₁₈O₁₂ M.W. 462.37
PHY82591-10MG, -50MG, -100MG[†]



Dioscin
CAS No. 19057-60-4
C₄₅H₇₂O₁₆ M.W. 869.06
PHY89648-10MG, -50MG, -100MG[†]

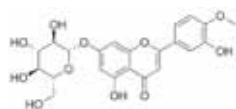


Diosgenin
CAS No. 512-04-9
C₂₇H₄₂O₃ M.W. 414.63
PHY89649-100MG, -500MG, -1000MG[†]

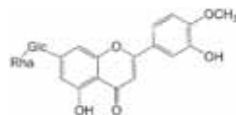


Diosmetin
CAS No. 520-34-3
C₁₆H₁₂O₆ M.W. 300.27
PHY82526-25MG[†]

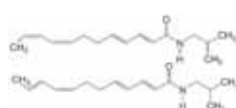
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Diosmetin 7-glucoside **NEW**
CAS No. 20126-59-4
 $C_{22}H_{22}O_{11}$ M.W. 462.41
PHY83495-10MG, -50MG, -100MG[†]



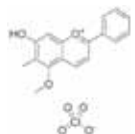
Diosmin
CAS No. 520-27-4
 $C_{28}H_{32}O_{15}$ M.W. 608.55
PHY82527-50MG, -100MG[†]



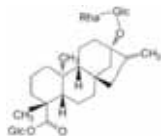
Dodeca-2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide
CAS No. 77448-63-6
 $C_{16}H_{25}NO$ M.W. 247.38
PHY89187-10MG, -50MG, -100MG[†]



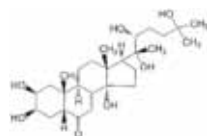
Dipsacoside B **NEW**
CAS No. 33289-85-9
 $C_{53}H_{96}O_{22}$ M.W. 1075.26
PHY83496-10MG, -50MG, -100MG[†]



Dracorhodin perchlorate **NEW**
CAS No. 125536-25-6
 $C_{17}H_{15}O_3^+ \cdot ClO_4^-$ M.W. 366.76
PHY83497-10MG, -50MG, -100MG[†]



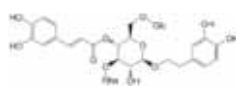
Dulcoside A
CAS No. 64432-06-0
 $C_{38}H_{60}O_{17}$ M.W. 788.89
PHY82417-10MG, -50MG, -100MG[†]



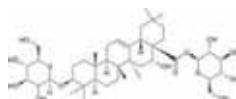
β-Ecdysone
CAS No. 5289-74-7
 $C_{27}H_{44}O_7$ M.W. 480.64
PHY89651-25MG[†]



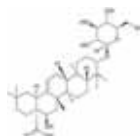
Echimidine
CAS No. 520-68-3
 $C_{20}H_{31}NO_7$ M.W. 397.47
PHY89553-10MG, -50MG, -100MG[†]



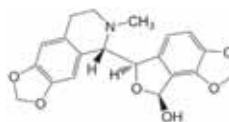
Echinacoside
CAS No. 82854-37-3
 $C_{35}H_{46}O_{20}$ M.W. 786.74
PHY89188-10MG, -50MG, -100MG[†]



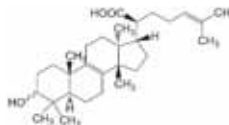
Eclalbasaponin I
CAS No. 158511-59-2
 $C_{42}H_{68}O_{14}$ M.W. 797.00
PHY83256-10MG, -50MG, -100MG[†]



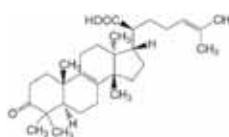
Eclalbasaponin II
CAS No. 78285-90-2
 $C_{38}H_{58}O_9$ M.W. 634.85
PHY83255-10MG, -50MG, -100MG[†]



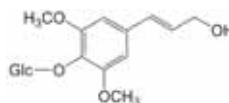
Egenine
CAS No. 6883-44-9
 $C_{20}H_{19}NO_6$ M.W. 369.37
PHY80434-10MG, -50MG, -100MG[†]



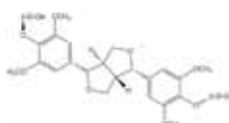
Elemolic acid (α+β)
CAS No. 28282-27-1(α)
CAS No. 28282-54-4(β)
 $C_{30}H_{48}O_3$ M.W. 456.71
PHY80435-10MG, -50MG, -100MG[†]



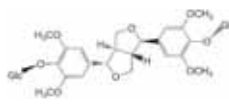
β-Elemonic acid
CAS No. 28282-25-9
 $C_{30}H_{46}O_3$ M.W. 454.70
PHY80079-10MG, -50MG, -100MG[†]



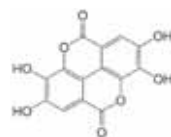
Eleutheroside B
CAS No. 118-34-3
 $C_{17}H_{24}O_9$ M.W. 372.37
PHY89189-10MG, -50MG, -100MG[†]



Eleutheroside D
CAS No. 79484-75-6
 $C_{34}H_{46}O_{18}$ M.W. 742.73
PHY83312[†]



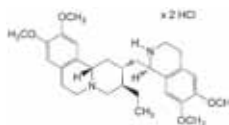
Eleutheroside E
CAS No. 39432-56-9
 $C_{37}H_{46}O_{18}$ M.W. 742.73
PHY89190-10MG, -50MG, -100MG[†]



Ellagic acid
CAS No. 476-66-4
 $C_{14}H_6O_8$ M.W. 302.20
PHY89653-50MG, -100MG[†]

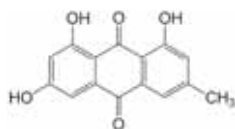


Embelin
CAS No. 550-24-3
 $C_{17}H_{26}O_4$ M.W. 294.39
PHY89654-100MG, -500MG, -1000MG[†]

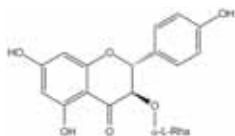


Emetine diHCl
CAS No. 316-42-7
 $C_{28}H_{40}N_2O_4 \cdot 2HCl$ M.W. 553.57
PHY89489-50MG, -100MG[†]

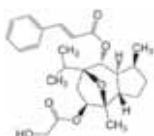
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



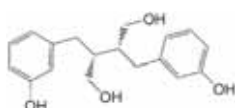
Emodin
CAS No. 518-82-1
 $C_{15}H_{10}O_5$ M.W. 270.24
PHY89191-20MG, -100MG[†]



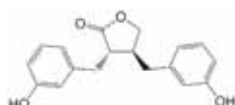
Engeletin
CAS No. 572-31-6
 $C_{21}H_{22}O_{10}$ M.W. 434.40
PHY83279-10MG, -50MG, -100MG[†]



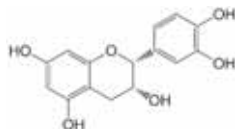
Englerin A
CAS No. 1094250-15-3
 $C_{26}H_{34}O_6$ M.W. 442.55
PHY82530-10MG, -50MG, -100MG[†]



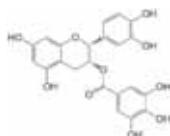
(-)-Enterodiol
CAS No. 80226-00-2
 $C_{18}H_{22}O_4$ M.W. 302.37
PHY80436-10MG, -50MG, -100MG[†]



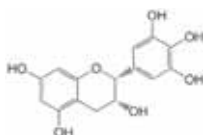
Enterolactone
CAS No. 78473-71-9
 $C_{18}H_{16}O_4$ M.W. 298.34
PHY80437-10MG, -50MG, -100MG[†]



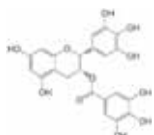
(-)-Epicatechin
CAS No. 490-46-0
 $C_{15}H_{14}O_6$ M.W. 290.27
PHY89192-20MG, -100MG[†]



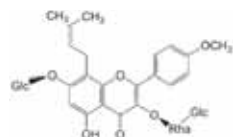
(-)-Epicatechin 3-gallate
CAS No. 1257-08-5
 $C_{22}H_{18}O_{10}$ M.W. 442.38
PHY89193-20MG, -100MG[†]



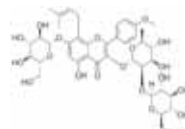
(-)-Epigallocatechin
CAS No. 970-74-1
 $C_{15}H_{14}O_7$ M.W. 306.27
PHY89655-20MG, -100MG[†]



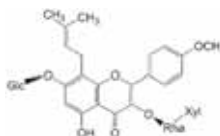
(-)-Epigallocatechin 3-gallate
CAS No. 989-51-5
 $C_{22}H_{18}O_{11}$ M.W. 458.38
PHY89656-50MG, -100MG[†]



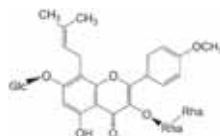
Epimedin A
CAS No. 110623-72-8
 $C_{39}H_{50}O_{20}$ M.W. 838.82
PHY80586-10MG, -50MG, -100MG[†]



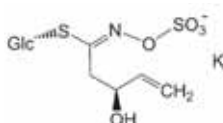
Epimedin A1 NEW
CAS No. 110623-72-8
 $C_{39}H_{50}O_{20}$ M.W. 838.82
PHY83498-10MG, -50MG, -100MG[†]



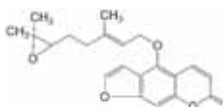
Epimedin B
CAS No. 110623-73-9
 $C_{38}H_{48}O_{19}$ M.W. 808.79
PHY80587-10MG, -50MG, -100MG[†]



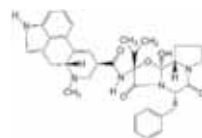
Epimedin C
CAS No. 110642-44-9
 $C_{39}H_{50}O_{19}$ M.W. 822.82
PHY80588-10MG, -50MG, -100MG[†]



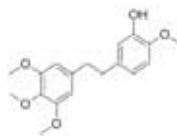
Epiprogoitrin potassium salt
CAS No. 19237-18-4
 $C_{11}H_{18}NO_4S_2K$ M.W. 389.40
PHY89657-10MG, -50MG, -100MG[†]



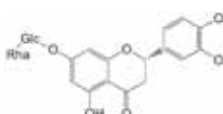
Epoxybergamottin
CAS No. 206978-14-5
 $C_{21}H_{22}O_5$ M.W. 354.40
PHY80438-10MG, -50MG, -100MG[†]



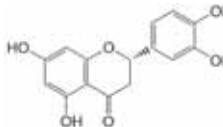
Ergocristine
CAS No. 511-08-0
 $C_{35}H_{38}N_4O_5$ M.W. 609.73
PHY80440-10MG, -50MG, -100MG[†]



Erianin NEW
CAS No. 95041-90-0
 $C_{16}H_{22}O_5$ M.W. 318.37
PHY83499-10MG, -50MG, -100MG[†]



Eriocitrin
CAS No. 13463-28-0
 $C_{27}H_{32}O_{15}$ M.W. 596.54
PHY89194-10MG, -50MG, -100MG[†]

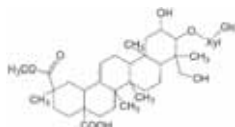


Eriodictyol
CAS No. 552-58-9
 $C_{16}H_{12}O_6$ M.W. 288.26
PHY80444-20MG, -100MG[†]

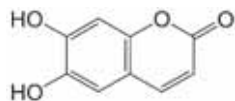
Escin is a mixture of structurally related saponins

Escin
CAS No. 6805-41-0
PHY89871-100MG, -500MG, -1000MG[†]

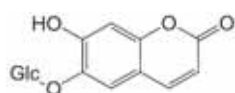
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



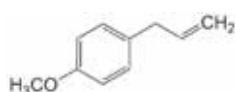
Esculentoside A
CAS No. 65497-07-6
 $C_{42}H_{66}O_{16}$ M.W. 826.98
PHY80589-10MG, -50MG, -100MG[†]



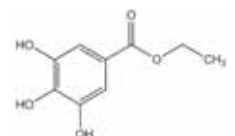
Esculetin
CAS No. 305-01-1
 $C_9H_6O_4$ M.W. 178.14
PHY80449-25MG[†]



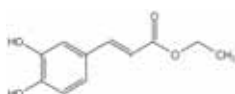
Esculin
CAS No. 531-75-9
 $C_{15}H_{16}O_9$ M.W. 340.29
PHY89659-100MG, -500MG, -1000MG[†]



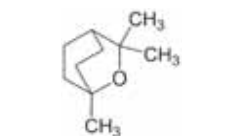
Estragole
CAS No. 140-67-0
 $C_{10}H_{12}O$ M.W. 148.21
PHY82205-100MG, -500MG, -1000MG[†]



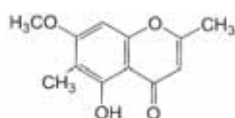
Ethyl gallate
CAS No. 831-61-8
 $C_9H_{10}O_5$ M.W. 198.18
PHY83080-100MG, -500MG, -1000MG[†]



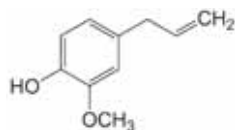
Ethyl trans-caffeate
CAS No. 66648-50-8
 $C_{11}H_{12}O_4$ M.W. 208.21
PHY83086-100MG, -500MG, -1000MG[†]



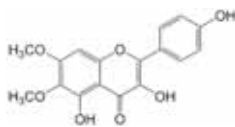
Eucalyptol
CAS No. 470-82-6
 $C_{10}H_{18}O$ M.W. 154.25
PHY89195-100MG, -500MG, -1000MG[†]



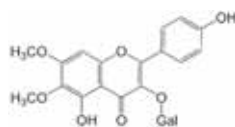
Eugenitin
CAS No. 480-12-6
 $C_{12}H_{12}O_4$ M.W. 220.23
PHY80590-10MG, -50MG, -100MG[†]



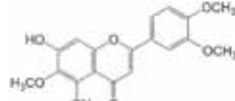
Eugenol
CAS No. 97-53-0
 $C_{10}H_{12}O_2$ M.W. 164.20
PHY80715-100MG, -500MG, -1000MG[†]



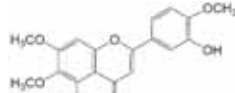
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CAS No. 29536-41-2
 $C_{17}H_{14}O_7$ M.W. 330.29
PHY82534-10MG, -50MG, -100MG[†]



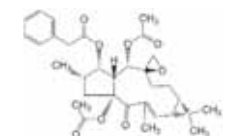
Eupalitin 3-galactoside
CAS No. 35399-32-7
 $C_{23}H_{24}O_{12}$ M.W. 492.44
PHY80450-10MG, -50MG, -100MG[†]



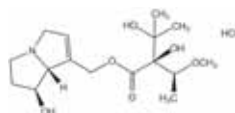
Eupatilin
CAS No. 22368-21-4
 $C_{18}H_{16}O_7$ M.W. 344.32
PHY80337-10MG, -50MG, -100MG[†]



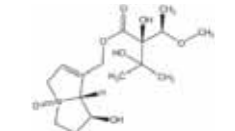
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CAS No. 855-96-9
 $C_{18}H_{16}O_7$ M.W. 344.32
PHY80451-20MG, -100MG[†]



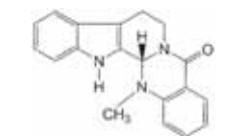
Euphorbiasteroid
CAS No. 28649-59-4
 $C_{30}H_{40}O_8$ M.W. 552.67
PHY89661-10MG, -50MG, -100MG[†]



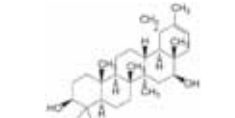
Europine HCl
CAS No. 570-19-4 free base
 $C_{16}H_{27}NO_5 \cdot HCl$ M.W. 365.86
PHY83237-10MG, -50MG, -100MG[†]



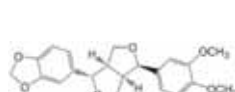
Europine N-oxide
CAS No. 65582-53-8
 $C_{16}H_{27}NO_5$ M.W. 345.39
PHY83238-10MG, -50MG, -100MG[†]



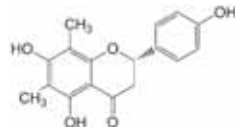
Evodiamine
CAS No. 518-17-2
 $C_{16}H_{17}N_3O$ M.W. 303.36
PHY89662-10MG, -50MG, -100MG[†]



Faradiol
CAS No. 20554-95-4
 $C_{30}H_{50}O_2$ M.W. 442.73
PHY82536-10MG, -50MG, -100MG[†]

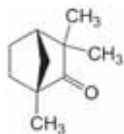


Fargesin
CAS No. 31008-19-2
 $C_{21}H_{22}O_6$ M.W. 370.40
PHY82537-10MG, -50MG, -100MG[†]

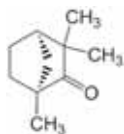


Farrerol
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 $C_{17}H_{16}O_5$ M.W. 300.31
PHY82539-10MG, -50MG, -100MG[†]

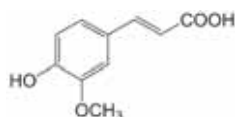
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



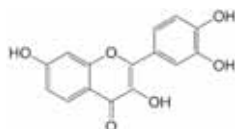
(-)-Fenchone
CAS No. 7787-20-4
 $C_{10}H_{16}O$ M.W. 152.24
PHY82541-100MG, -500MG, -1000MG[†]



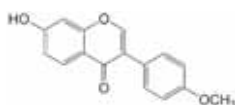
(+)-Fenchone
CAS No. 4695-62-9
 $C_{10}H_{16}O$ M.W. 152.24
PHY80660-100MG, -500MG, -1000MG[†]



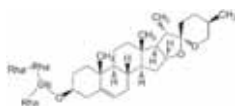
trans-Ferulic acid
CAS No. 537-98-4
 $C_{10}H_{10}O_4$ M.W. 194.19
PHY89663-100MG, -500MG, -1000MG[†]



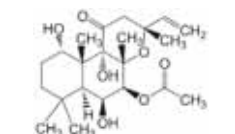
Fisetin
CAS No. 528-48-3
 $C_{15}H_{10}O_6$ M.W. 286.24
PHY82542-20MG, -100MG[†]



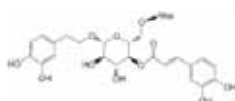
Formononetin
CAS No. 485-72-3
 $C_{16}H_{12}O_4$ M.W. 268.27
PHY89528-20MG, -100MG[†]



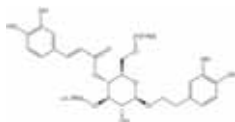
Formosanin C
CAS No. 50773-42-7
 $C_{51}H_{82}O_{20}$ M.W. 1015.20
PHY80561-10MG, -50MG, -100MG[†]



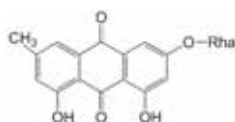
Forskolin
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 $C_{22}H_{34}O_7$ M.W. 410.51
PHY89664-20MG, -100MG[†]



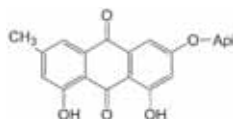
Forsythoside A
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 $C_{29}H_{36}O_{15}$ M.W. 624.60
PHY80310-10MG, -50MG, -100MG[†]



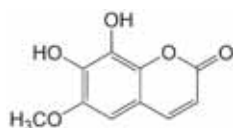
Forsythoside B
CAS No. 81525-13-5
 $C_{34}H_{44}O_{19}$ M.W. 756.71
PHY83313-10MG, -50MG, -100MG[†]



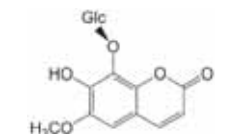
Frangulin A
CAS No. 521-62-0
 $C_{21}H_{20}O_9$ M.W. 416.39
PHY89665-10MG, -50MG, -100MG[†]



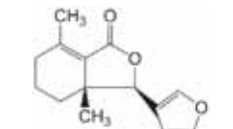
Frangulin B
CAS No. 14101-04-3
 $C_{20}H_{18}O_9$ M.W. 402.36
PHY89196-10MG, -50MG, -100MG[†]



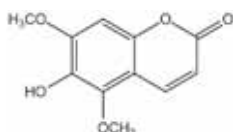
Fraxetin
CAS No. 574-84-5
 $C_{10}H_8O_5$ M.W. 208.17
PHY89549-20MG, -100MG[†]



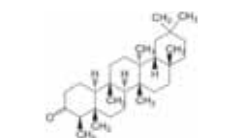
Fraxin
CAS No. 524-30-1
 $C_{16}H_{18}O_{10}$ M.W. 370.31
PHY89545-10MG, -50MG, -100MG[†]



Fraxinellone
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 $C_{16}H_{16}O_3$ M.W. 232.28
PHY80453-10MG, -50MG, -100MG[†]



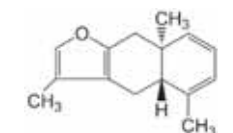
Fraxinol
CAS No. 486-28-2
 $C_{11}H_{10}O_5$ M.W. 222.20
PHY83334-10MG, -50MG, -100MG[†]



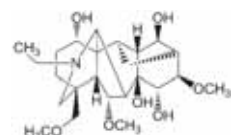
Friedelin
CAS No. 559-74-0
 $C_{30}H_{50}O$ M.W. 426.73
PHY82543-50MG, -100MG[†]



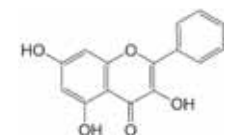
Fumaric acid
CAS No. 110-17-8
 $C_4H_4O_4$ M.W. 116.07
PHY80141-100MG, -500MG, -1000MG[†]



Furanoeudesma-1,3-diene
CAS No. 87605-93-4
 $C_{16}H_{18}O$ M.W. 214.31
PHY89197-5MG, -10MG[†]

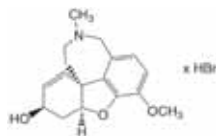


Fuziline
CAS No. 80665-72-1
 $C_{24}H_{39}NO_7$ M.W. 453.58
PHY82544-10MG, -50MG, -100MG[†]

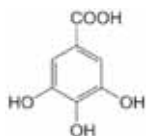


Galangin
CAS No. 548-83-4
 $C_{15}H_{10}O_5$ M.W. 270.24
PHY89505-20MG, -100MG[†]

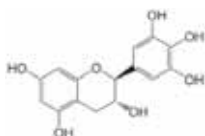
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



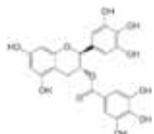
Galanthamine HBr
CAS No. 1953-04-4
 $C_{17}H_{22}NO_3 \cdot HBr$ M.W. 368.27
PHY89666-50MG, -100MG[†]



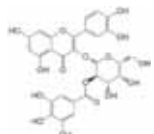
Gallic acid
CAS No. 149-91-7
 $C_7H_6O_5$ M.W. 170.12
PHY89198-100MG, -500MG, -1000MG[†]



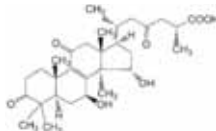
(-)-Gallocatechin
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 $C_{15}H_{14}O_7$ M.W. 306.27
PHY80096-10MG, -50MG, -100MG[†]



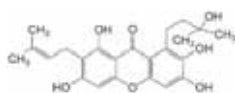
(-)-Gallocatechin 3-gallate
CAS No. 4233-96-9
 $C_{22}H_{18}O_{11}$ M.W. 458.38
PHY89667-10MG, -50MG, -100MG[†]



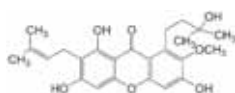
2''-Galloylhyperin
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 $C_{28}H_{24}O_{16}$ M.W. 616.49
PHY82545-10MG, -50MG, -100MG[†]



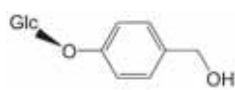
Ganoderic acid A
CAS No. 81907-62-2
 $C_{30}H_{44}O_7$ M.W. 516.68
PHY89668-10MG, -50MG, -100MG[†]



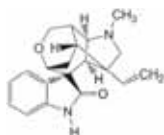
Garcinone C
CAS No. 76996-27-5
 $C_{23}H_{26}O_7$ M.W. 414.46
PHY82546-10MG, -50MG, -100MG[†]



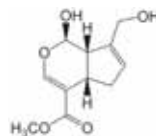
Garcinone D
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 $C_{24}H_{28}O_7$ M.W. 428.48
PHY82547-10MG, -50MG, -100MG[†]



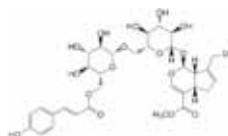
Gastrodin
CAS No. 62499-27-8
 $C_{13}H_{18}O_7$ M.W. 286.28
PHY89324-10MG, -50MG, -100MG[†]



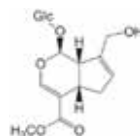
Gelsemine
CAS No. 509-15-9
 $C_{20}H_{22}N_2O_2$ M.W. 322.41
PHY80457-10MG, -50MG, -100MG[†]



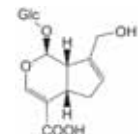
Genipin
CAS No. 6902-77-8
 $C_{11}H_{14}O_5$ M.W. 226.23
PHY80458-10MG, -50MG, -100MG[†]



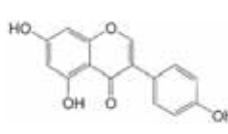
Genipin 1-(6''-p-coumaroyl-gentiobioside)
CAS No. 1174662-64-6
 $C_{32}H_{40}O_{17}$ M.W. 696.66
PHY80592-10MG, -50MG, -100MG[†]



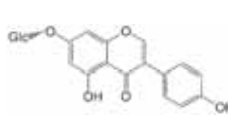
Geniposide
CAS No. 24512-63-8
 $C_{17}H_{24}O_{10}$ M.W. 388.37
PHY89675-20MG, -100MG[†]



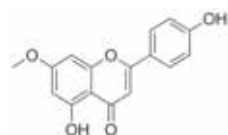
Geniposidic acid
CAS No. 27741-01-1
 $C_{16}H_{22}O_{10}$ M.W. 374.35
PHY80459-10MG, -50MG, -100MG[†]



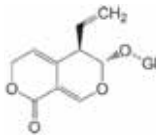
Genistein
CAS No. 446-72-0
 $C_{15}H_{10}O_5$ M.W. 270.24
PHY89199-50MG, -100MG[†]



Genistin
CAS No. 529-59-9
 $C_{21}H_{20}O_{10}$ M.W. 432.38
PHY89200-25MG[†]



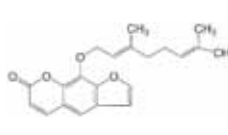
Genkwanin NEW
CAS No. 437-64-9
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY83500-10MG, -50MG, -100MG[†]



Gentiopicroside
CAS No. 20831-76-9
 $C_{16}H_{20}O_9$ M.W. 356.33
PHY89512-10MG, -50MG, -100MG[†]

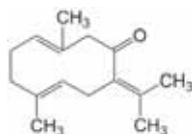


Geraniin
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 $C_{46}H_{28}O_{27}$ M.W. 952.66
PHY80994-10MG, -50MG, -100MG[†]

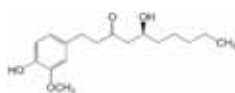


8-Geranyloxypsoralen
CAS No. 7437-55-0
 $C_{21}H_{22}O_4$ M.W. 338.40
PHY80460-10MG, -50MG, -100MG[†]

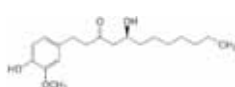
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



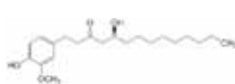
Germacrone
CAS No. 6902-91-6
 $C_{15}H_{22}O$ M.W. 218.34
PHY89677-10MG, -50MG, -100MG[†]



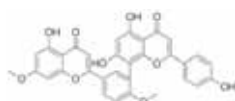
6-Gingerol
CAS No. 23513-14-6
 $C_{17}H_{26}O_4$ M.W. 294.39
PHY89201-10MG, -50MG, -100MG[†]



8-Gingerol
CAS No. 23513-08-8
 $C_{19}H_{30}O_4$ M.W. 322.45
PHY89202-10MG, -50MG, -100MG[†]



10-Gingerol
CAS No. 23513-15-7
 $C_{21}H_{34}O_4$ M.W. 350.50
PHY89203-10MG, -50MG, -100MG[†]



Ginkgetin NEW
CAS No. 481-46-9
 $C_{32}H_{22}O_{10}$ M.W. 566.52
PHY83501-10MG, -50MG, -100MG[†]



Ginkgolic acid C13:0
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 $C_{20}H_{32}O_3$ M.W. 320.47
PHY89678-10MG, -50MG, -100MG[†]



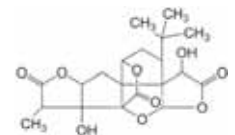
Ginkgolic acid C15:1
CAS No. 22910-60-7
 $C_{22}H_{34}O_3$ M.W. 346.51
PHY89522-10MG, -50MG, -100MG[†]



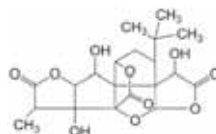
Ginkgolic acid C17:1
CAS No. 111047-30-4
 $C_{24}H_{38}O_3$ M.W. 374.57
PHY89207-10MG, -50MG, -100MG[†]



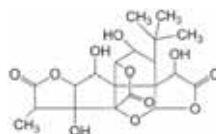
Ginkgolic acids RN
PHY89480-10MG, -50MG, -100MG[†]



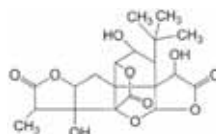
Ginkgolide A
CAS No. 15291-75-5
 $C_{20}H_{24}O_9$ M.W. 408.41
PHY89204-10MG, -50MG, -100MG[†]



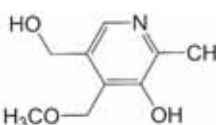
Ginkgolide B
CAS No. 15291-77-7
 $C_{20}H_{24}O_{10}$ M.W. 424.41
PHY89205-10MG, -50MG, -100MG[†]



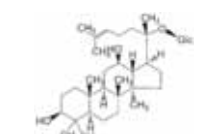
Ginkgolide C
CAS No. 15291-76-6
 $C_{20}H_{24}O_{11}$ M.W. 440.40
PHY89206-10MG, -50MG, -100MG[†]



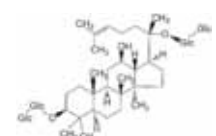
Ginkgolide J
CAS No. 107438-79-9
 $C_{20}H_{24}O_{10}$ M.W. 424.41
PHY89329-10MG, -50MG, -100MG[†]



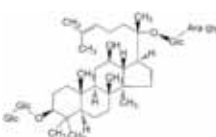
Ginkgotoxin
CAS No. 1464-33-1
 $C_9H_{13}NO_3$ M.W. 183.21
PHY82638-10MG, -50MG, -100MG[†]



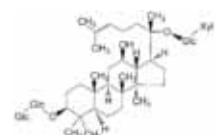
Ginsenoside C-K
CAS No. 39262-14-1
 $C_{36}H_{62}O_8$ M.W. 622.89
PHY80461-10MG, -50MG, -100MG[†]



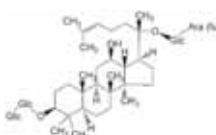
Ginsenoside Rb1
CAS No. 41753-43-9
 $C_{54}H_{92}O_{23}$ M.W. 1109.31
PHY89208-10MG, -50MG, -100MG[†]



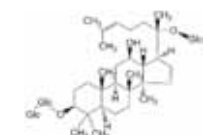
Ginsenoside Rb2
CAS No. 11021-13-9
 $C_{53}H_{90}O_{22}$ M.W. 1079.29
PHY89209-10MG, -50MG, -100MG[†]



Ginsenoside Rb3
CAS No. 68406-26-8
 $C_{53}H_{90}O_{22}$ M.W. 1079.29
PHY89679-10MG, -50MG, -100MG[†]

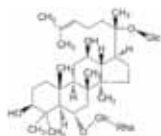


Ginsenoside Rc
CAS No. 11021-14-0
 $C_{53}H_{90}O_{22}$ M.W. 1079.29
PHY89210-10MG, -50MG, -100MG[†]

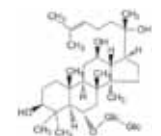


Ginsenoside Rd
CAS No. 52705-93-8
 $C_{46}H_{82}O_{18}$ M.W. 947.17
PHY89211-10MG, -50MG, -100MG[†]

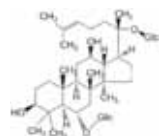
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



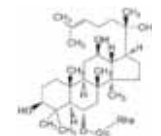
Ginsenoside Re
CAS No. 52286-59-6
 $C_{48}H_{82}O_{18}$ M.W. 947.17
PHY89212-10MG, -50MG, -100MG[†]



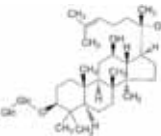
Ginsenoside Rf
CAS No. 52286-58-5
 $C_{42}H_{72}O_{14}$ M.W. 801.03
PHY89213-10MG, -50MG, -100MG[†]



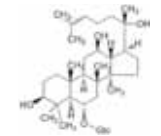
Ginsenoside Rg1
CAS No. 22427-39-0
 $C_{42}H_{72}O_{14}$ M.W. 801.03
PHY89214-10MG, -50MG, -100MG[†]



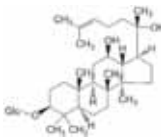
Ginsenoside Rg2
CAS No. 52286-74-5
 $C_{42}H_{72}O_{13}$ M.W. 785.03
PHY89680-10MG, -50MG, -100MG[†]



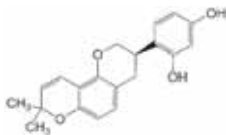
Ginsenoside Rg3
CAS No. 14197-60-5
 $C_{42}H_{72}O_{13}$ M.W. 785.03
PHY89681-10MG, -50MG, -100MG[†]



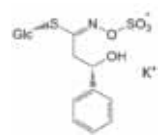
Ginsenoside Rh1
CAS No. 63223-86-9
 $C_{36}H_{62}O_9$ M.W. 638.89
PHY89682-10MG, -50MG, -100MG[†]



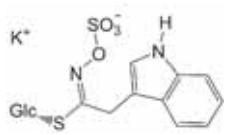
Ginsenoside Rh2
CAS No. 78214-33-2
 $C_{36}H_{62}O_8$ M.W. 622.89
PHY89683-10MG, -50MG, -100MG[†]



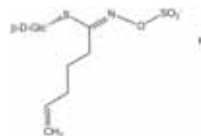
Glabridin
CAS No. 59870-68-7
 $C_{20}H_{20}O_4$ M.W. 324.38
PHY80463-10MG, -50MG, -100MG[†]



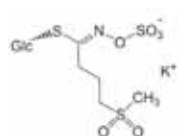
Glucobarbarin
CAS No. 21087-78-5
 $C_{15}H_{20}NO_5S_3K$ M.W. 477.55
PHY83241-5MG, -10MG[†]



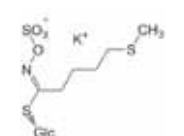
Glucobrassicin (potassium salt)
CAS No. 4356-25-9
 $C_{16}H_{21}N_2O_5S_3K$ M.W. 486.56
PHY80593-10MG, -50MG, -100MG[†]



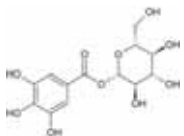
Glucobrassicinapin potassium salt
CAS No. 245550-58-7
 $C_{12}H_{20}NO_5S_3K$ M.W. 425.52
PHY83242-10MG, -50MG, -100MG[†]



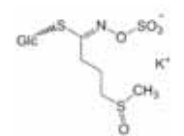
Glucocheirolin potassium salt
CAS No. 15592-36-6
 $C_{11}H_{20}NO_5S_3K$ M.W. 477.57
PHY89685-10MG, -50MG, -100MG[†]



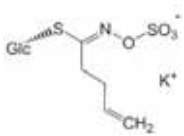
Glucoerucin potassium salt
CAS No. 21973-56-8
 $C_{12}H_{22}NO_5S_3K$ M.W. 459.60
PHY89686-10MG, -50MG, -100MG[†]



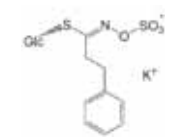
β-Glucogallin
CAS No. 13405-60-2
 $C_{13}H_{16}O_{10}$ M.W. 332.26
PHY83250-10MG, -50MG, -100MG[†]



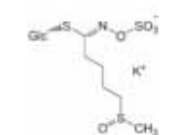
Glucoiberin potassium salt
CAS No. 554-88-1
 $C_{11}H_{20}NO_5S_3K$ M.W. 461.57
PHY89687-10MG, -50MG, -100MG[†]



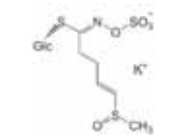
Gluconapin potassium salt
CAS No. 19041-09-9
 $C_{11}H_{18}NO_5S_3K$ M.W. 411.49
PHY89688-10MG, -50MG, -100MG[†]



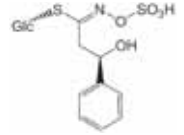
Gluconasturtiin potassium salt
CAS No. 499-30-9
 $C_{16}H_{20}NO_5S_3K$ M.W. 461.55
PHY89689-10MG, -50MG, -100MG[†]



Glucoraphanin
CAS No. 21414-41-5
 $C_{12}H_{22}NO_5S_3K$ M.W. 475.60
PHY89215-10MG, -50MG, -100MG[†]

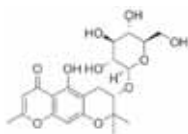


Glucoraphenin potassium salt
CAS No. 28463-24-3
 $C_{12}H_{20}NO_5S_3$ M.W. 473.58
PHY89690-10MG, -50MG, -100MG[†]

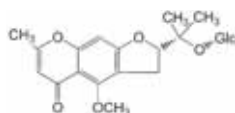


Glucosibarin
CAS No. 144491-25-8
 $C_{16}H_{21}NO_5S_2$ M.W. 439.46
PHY89691-10MG, -50MG, -100MG[†]

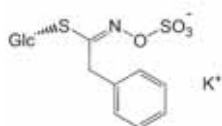
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



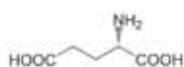
sec-O-Glucosylhamaudol NEW
CAS No. 80681-44-3
 $C_{21}H_{26}O_{10}$ M.W. 438.43
PHY83502-10MG, -50MG, -100MG[†]



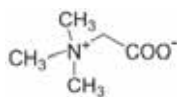
4'-O-β-D-Glucosyl-5-O-methylvisaminol
CAS No. 84272-85-5
 $C_{22}H_{28}O_{10}$ M.W. 452.46
PHY80464-10MG, -50MG, -100MG[†]



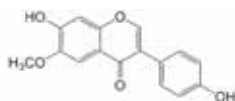
Glucotropaeolin potassium salt
CAS No. 5115-71-9
 $C_{14}H_{16}NO_9S_2K$ M.W. 447.53
PHY89216-20MG, -100MG[†]



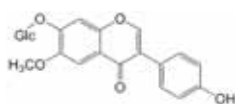
L-Glutamic acid
CAS No. 56-86-0
 $C_5H_9NO_4$ M.W. 147.13
PHY82551-100MG, -500MG, -1000MG[†]



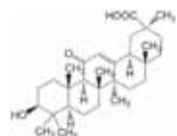
Glycine betaine
CAS No. 107-43-7
 $C_5H_{11}NO_2$ M.W. 117.15
PHY89499-100MG, -500MG, -1000MG[†]



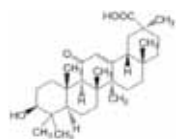
Glycitein
CAS No. 40957-83-3
 $C_{16}H_{12}O_8$ M.W. 284.27
PHY89692-10MG, -50MG, -100MG[†]



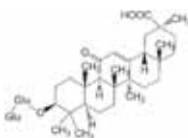
Glycitin
CAS No. 40246-10-4
 $C_{22}H_{22}O_{10}$ M.W. 446.41
PHY89693-10MG, -50MG, -100MG[†]



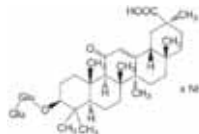
18α-Glycyrrhetic acid
CAS No. 1449-05-4
 $C_{30}H_{46}O_4$ M.W. 470.70
PHY82552-50MG, -100MG[†]



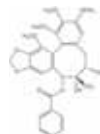
18β Glycyrrhetic acid
CAS No. 471-53-4
 $C_{30}H_{46}O_4$ M.W. 470.70
PHY89694-50MG, -100MG[†]



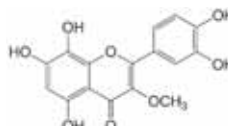
Glycyrrhizin
CAS No. 1405-86-3
 $C_{42}H_{62}O_{16}$ M.W. 822.95
PHY89217-20MG, -100MG[†]



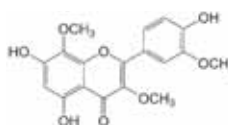
Glycyrrhizin ammonium salt
CAS No. 53956-04-0
 $C_{42}H_{62}O_{16} \cdot NH_3$ M.W. 839.98
PHY82467-100MG, -500MG, -1000MG[†]



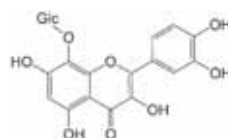
Gomisin G
CAS No. 62956-48-3
 $C_{30}H_{32}O_9$ M.W. 536.58
PHY83314-10MG, -50MG, -100MG[†]



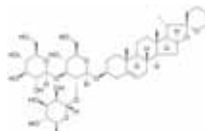
Gossypetin 3-methylether
CAS No. 86749-51-1
 $C_{16}H_{12}O_8$ M.W. 332.27
PHY82554-10MG, -50MG, -100MG[†]



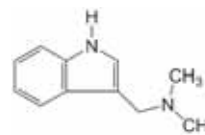
Gossypetin 3,3',8-trimethylether
CAS No. 14965-08-3
 $C_{16}H_{16}O_8$ M.W. 360.32
PHY82553-10MG, -50MG, -100MG[†]



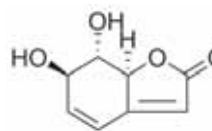
Gossypin
CAS No. 652-78-8
 $C_{27}H_{20}O_{13}$ M.W. 480.38
PHY89695-20MG, -100MG[†]



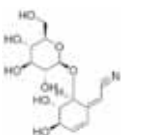
Gracillin NEW
CAS No. 19083-00-2
 $C_{45}H_{72}O_{17}$ M.W. 885.06
PHY83503-10MG, -50MG, -100MG[†]



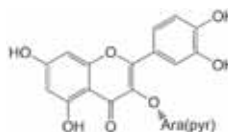
Gramine
CAS No. 87-52-5
 $C_{11}H_{14}N_2$ M.W. 174.25
PHY80465-25MG[†]



Griffonilide NEW
CAS No. 61371-55-9
 $C_8H_8O_4$ M.W. 168.15
PHY83504-10MG, -50MG, -100MG[†]

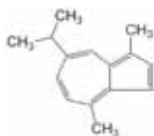


Griffonin NEW
CAS No. 63492-69-3
 $C_{11}H_{16}NO_3$ M.W. 329.31
PHY83505-10MG, -50MG, -100MG[†]

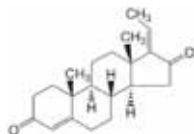


Guaiaverin
CAS No. 22255-13-6
 $C_{20}H_{18}O_{11}$ M.W. 434.36
PHY80986-10MG, -50MG, -100MG[†]

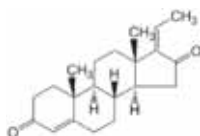
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



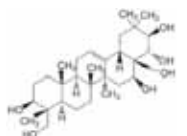
Guaiazulene
CAS No. 489-84-9
 $C_{15}H_{18}$ M.W. 198.31
PHY89697-100MG, -500MG, -1000MG[†]



Guggulsterone E
CAS No. 39025-24-6
 $C_{21}H_{36}O_2$ M.W. 312.45
PHY89698-10MG, -50MG, -100MG[†]



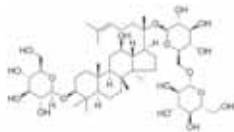
Guggulsterone Z
CAS No. 39025-23-5
 $C_{21}H_{36}O_2$ M.W. 312.45
PHY89699-10MG, -50MG, -100MG[†]



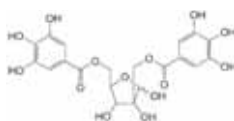
Gymnemagenin
CAS No. 22467-07-8
 $C_{30}H_{50}O_6$ M.W. 506.73
PHY80466-10MG, -50MG, -100MG[†]



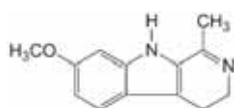
Gypenoside XLIX **NEW**
CAS No. 94987-08-3
 $C_{52}H_{96}O_{21}$ M.W. 1047.25
PHY83507-10MG, -50MG, -100MG[†]



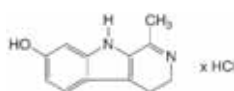
Gypenoside XVII **NEW**
CAS No. 80321-69-3
 $C_{48}H_{82}O_{18}$ M.W. 947.17
PHY83506-10MG, -50MG, -100MG[†]



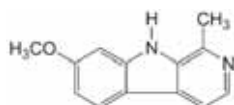
Hamamelittannin
CAS No. 469-32-9
 $C_{20}H_{20}O_{14}$ M.W. 484.37
PHY89473-10MG, -50MG, -100MG[†]



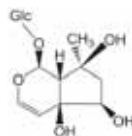
Harmaline
CAS No. 304-21-2
 $C_{13}H_{14}N_2O$ M.W. 214.27
PHY89700-50MG, -100MG[†]



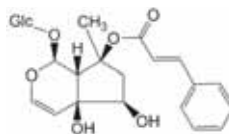
Harmalol HCl
CAS No. 6028-07-5
 $C_{12}H_{12}N_2O$ M.W. 236.70
PHY89701-50MG, -100MG[†]



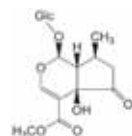
Harmine
CAS No. 442-51-3
 $C_{13}H_{12}N_2O$ M.W. 212.25
PHY89702-50MG, -100MG[†]



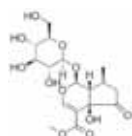
Harpagide
CAS No. 6926-08-5
 $C_{15}H_{24}O_{10}$ M.W. 364.35
PHY89703-10MG, -50MG, -100MG[†]



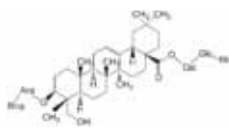
Harpagoside
CAS No. 19210-12-9
 $C_{24}H_{30}O_{11}$ M.W. 494.50
PHY89218-20MG, -100MG[†]



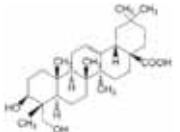
Hastatoside
CAS No. 50816-24-5
 $C_{17}H_{24}O_{11}$ M.W. 404.37
PHY89705-10MG, -50MG, -100MG[†]



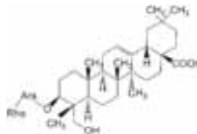
Hecogenin **NEW**
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 $C_{17}H_{24}O_{11}$ M.W. 404.37
PHY83508-10MG, -50MG, -100MG[†]



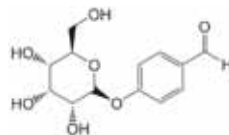
Hederacoside C
CAS No. 14216-03-6
 $C_{59}H_{96}O_{26}$ M.W. 1221.40
PHY89221-20MG, -100MG[†]



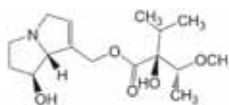
Hederagenin
CAS No. 465-99-6
 $C_{30}H_{48}O_4$ M.W. 472.71
PHY89706-20MG, -100MG[†]



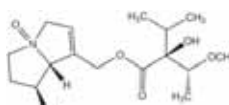
α-Hederin
CAS No. 27013-91-8
 $C_{41}H_{66}O_{12}$ M.W. 750.97
PHY89220-20MG, -100MG[†]



Helicid
CAS No. 80154-34-3
 $C_{13}H_{16}O_7$ M.W. 284.27
PHY82556-25MG[†]

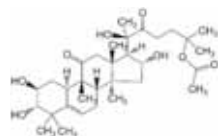


Heliotrine
CAS No. 303-33-3
 $C_{16}H_{27}NO_5$ M.W. 313.40
PHY80403-10MG, -50MG, -100MG[†]

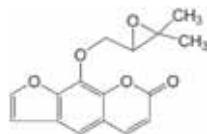


Heliotrine N-oxide
CAS No. 6209-65-0
 $C_{16}H_{27}NO_6$ M.W. 329.39
PHY83236-10MG, -50MG, -100MG[†]

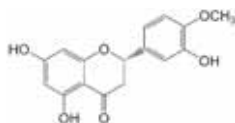
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



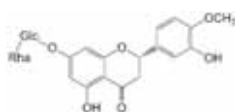
Hemslecin A
CAS No. 58546-34-2
 $C_{32}H_{50}O_8$ M.W. 562.75
PHY82557-10MG, -50MG, -100MG[†]



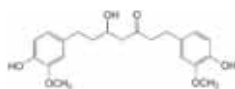
(±)-Heraclenin
CAS No. 35740-18-2
 $C_{16}H_{14}O_5$ M.W. 286.28
PHY80468-10MG, -50MG, -100MG[†]



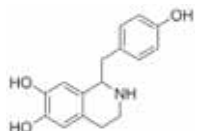
Hesperetin
CAS No. 520-33-2
 $C_{16}H_{14}O_6$ M.W. 302.28
PHY89222-20MG, -100MG[†]



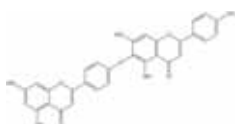
Hesperidin
CAS No. 520-26-3
 $C_{28}H_{34}O_{15}$ M.W. 610.57
PHY89707-20MG, -100MG[†]



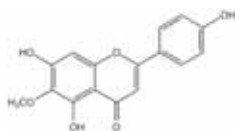
Hexahydrocurcumin
CAS No. 36062-05-2
 $C_{21}H_{26}O_6$ M.W. 374.43
PHY82559-10MG, -50MG, -100MG[†]



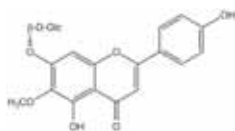
Higenamine NEW
CAS No. 5843-65-2
 $C_{16}H_{17}NO_3$ M.W. 271.32
PHY83509-10MG, -50MG, -100MG[†]



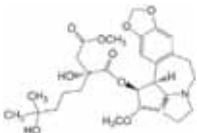
Hinokiflavone
CAS No. 19202-36-9
 $C_{30}H_{18}O_{10}$ M.W. 538.47
PHY83263-10MG, -50MG, -100MG[†]



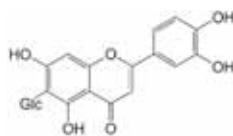
Hispidulin
CAS No. 1447-88-7
 $C_{16}H_{12}O_6$ M.W. 300.27
PHY83335-10MG, -50MG, -100MG[†]



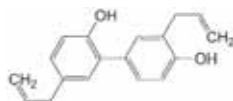
Hispidulin 7-glucoside
CAS No. 17680-84-1
 $C_{22}H_{22}O_{11}$ M.W. 462.41
PHY83315-10MG, -50MG, -100MG[†]



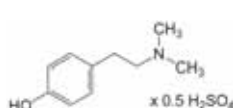
Homoharringtonine
CAS No. 26833-87-4
 $C_{29}H_{36}NO_9$ M.W. 545.63
PHY89708-10MG, -50MG, -100MG[†]



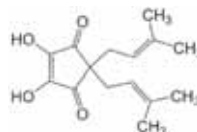
Homoorientin
CAS No. 4261-42-1
 $C_{21}H_{20}O_{11}$ M.W. 448.38
PHY89709-10MG, -50MG, -100MG[†]



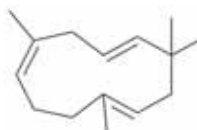
Honokiol
CAS No. 35354-74-6
 $C_{18}H_{18}O_2$ M.W. 266.34
PHY89315-20MG, -100MG[†]



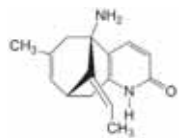
Hordenine sulfate
CAS No. 622-64-0
 $C_{10}H_{15}NO \cdot 0.5H_2SO_4$ M.W. 214.27
PHY80469-50MG, -100MG[†]



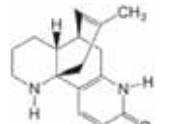
Hulupinic acid
CAS No. 1891-42-5
 $C_{16}H_{20}O_4$ M.W. 276.32
PHY89899-10MG, -50MG, -100MG[†]



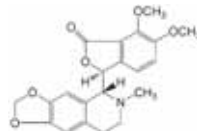
α-Humulene NEW
CAS No. 6753-98-6
 $C_{15}H_{24}$ M.W. 204.36
PHY83351-100MG, -500MG, -1000MG[†]



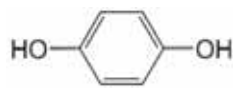
Huperzine A
CAS No. 102518-79-6
 $C_{15}H_{18}N_2O$ M.W. 242.32
PHY89313-10MG, -50MG, -100MG[†]



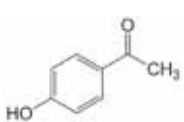
Huperzine B
CAS No. 103548-82-9
 $C_{16}H_{20}N_2O$ M.W. 256.35
PHY80470-10MG, -50MG, -100MG[†]



Hydrastine
CAS No. 118-08-1
 $C_{21}H_{21}NO_6$ M.W. 383.40
PHY89511-50MG, -100MG[†]

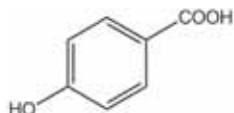


Hydroquinone
CAS No. 123-31-9
 $C_6H_2O_2$ M.W. 110.11
PHY80712-100MG, -500MG, -1000MG[†]

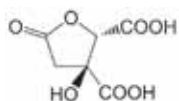


4'-Hydroxyacetophenone
CAS No. 99-93-4
 $C_8H_8O_2$ M.W. 136.15
PHY80232-100MG, -500MG, -1000MG[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



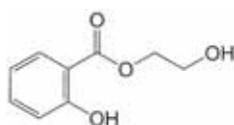
p-Hydroxybenzoic acid
CAS No. 99-96-7
 $C_7H_6O_3$ M.W. 138.12
PHY83051-100MG, -500MG, -1000MG[†]



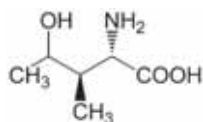
(-)-Hydroxycitric acid lactone
CAS No. 27750-13-6
 $C_6H_6O_7$ M.W. 190.11
PHY80473-10MG, -50MG, -100MG[†]



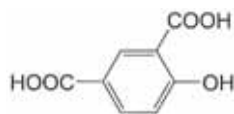
10-Hydroxy-2-decenoic acid
CAS No. 14113-05-4
 $C_{10}H_{18}O_3$ M.W. 186.25
PHY89223-10MG, -50MG, -100MG[†]



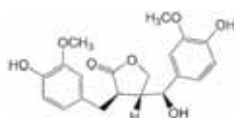
2-Hydroxyethyl salicylate
CAS No. 87-28-5
 $C_9H_{10}O_4$ M.W. 182.18
PHY80106-50MG, -100MG[†]



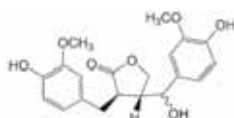
4-Hydroxy-L-isoleucine
CAS No. 781658-23-9
 $C_6H_{13}NO_3$ M.W. 147.17
PHY80474-20MG, -100MG[†]



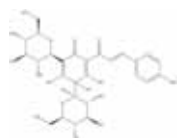
4-Hydroxyisophthalic acid
CAS No. 636-46-4
 $C_8H_6O_5$ M.W. 182.13
PHY80863-100MG, -500MG, -1000MG[†]



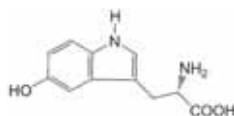
(-)-Hydroxymatairesinol
CAS No. 20268-71-7
 $C_{20}H_{22}O_7$ M.W. 374.39
PHY80476-10MG, -50MG, -100MG[†]



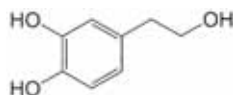
(-)-Hydroxymatairesinol (2 Epimers)
CAS No. 347359-71-1
 $C_{20}H_{22}O_7$ M.W. 374.39
PHY80475-10MG, -50MG, -100MG[†]



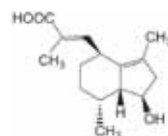
Hydroxysafflor yellow A NEW
CAS No. 78281-02-4
 $C_{27}H_{32}O_{16}$ M.W. 612.54
PHY83510-10MG, -50MG, -100MG[†]



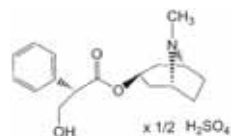
5-Hydroxy-L-tryptophan
CAS No. 4350-09-8
 $C_{11}H_{12}N_2O_3$ M.W. 220.23
PHY80477-50MG, -100MG[†]



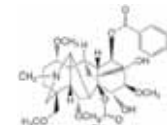
Hydroxytyrosol
CAS No. 10597-60-1
 $C_8H_{10}O_3$ M.W. 154.17
PHY80152-10MG, -50MG, -100MG[†]



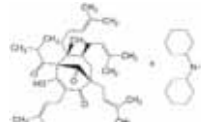
Hydroxyvaleric acid
CAS No. 1619-16-5
 $C_{15}H_{22}O_3$ M.W. 250.34
PHY89224-10MG, -50MG, -100MG[†]



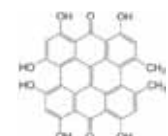
Hyoscyamine sulfate
CAS No. 620-61-1
 $C_{17}H_{23}NO_3 \cdot 0.5H_2SO_4$ M.W. 338.41
PHY82389-20MG, -100MG[†]



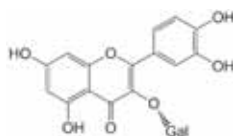
Hypaconitine
CAS No. 6900-87-4
 $C_{30}H_{46}NO_{10}$ M.W. 615.72
PHY89712-10MG, -50MG, -100MG[†]



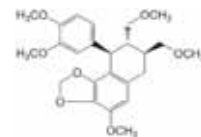
Hyperforin (stable Dicyclohexylammonium salt)
CAS No. 238074-03-8
 $C_{35}H_{52}O_4 \cdot C_{12}H_{23}N$ M.W. 718.12
PHY89225-10MG, -50MG, -100MG[†]



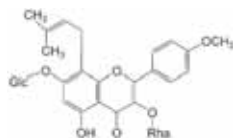
Hypericin
CAS No. 548-04-9
 $C_{30}H_{16}O_8$ M.W. 504.45
PHY89226-10MG, -50MG, -100MG[†]



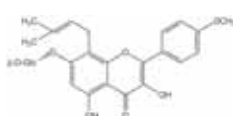
Hyperoside
CAS No. 482-36-0
 $C_{21}H_{20}O_{12}$ M.W. 464.38
PHY89227-20MG, -100MG[†]



Hypophyllanthin
CAS No. 33676-00-5
 $C_{24}H_{30}O_7$ M.W. 430.50
PHY89713-10MG, -50MG, -100MG[†]

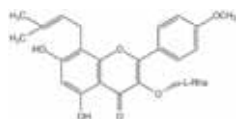


Icariin
CAS No. 489-32-7
 $C_{33}H_{40}O_{15}$ M.W. 676.67
PHY89714-10MG, -50MG, -100MG[†]

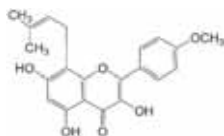


Icariside I
CAS No. 56725-99-6
 $C_{27}H_{30}O_{11}$ M.W. 530.53
PHY83316-10MG, -50MG, -100MG[†]

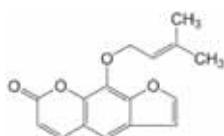
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



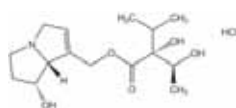
Icariside II
CAS No. 113558-15-9
 $C_{27}H_{30}O_{10}$ M.W. 514.53
PHY83286-10MG, -50MG, -100MG[†]



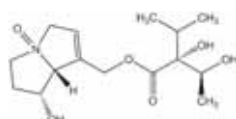
Icaritin
CAS No. 118525-40-9
 $C_{21}H_{20}O_6$ M.W. 368.39
PHY80478-10MG, -50MG, -100MG[†]



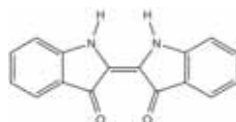
Imperatorin
CAS No. 482-44-0
 $C_{16}H_{14}O_4$ M.W. 270.29
PHY89715-10MG, -50MG, -100MG[†]



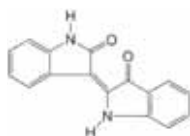
Indicine HCl
CAS No. 1195140-94-3
 $C_{15}H_{25}NO_5 \cdot HCl$ M.W. 335.83
PHY83234-10MG, -50MG, -100MG[†]



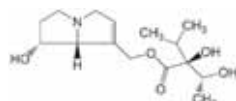
Indicine N-oxide
CAS No. 41708-76-3
 $C_{15}H_{25}NO_6$ M.W. 315.37
PHY83235-10MG, -50MG, -100MG[†]



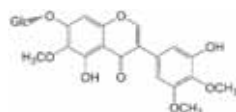
Indigotin
CAS No. 482-89-3
 $C_{16}H_{10}N_2O_2$ M.W. 262.27
PHY83294-10MG, -50MG, -100MG[†]



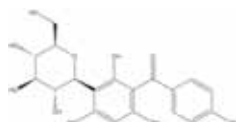
Indirubin
CAS No. 479-41-4
 $C_{16}H_{10}N_2O_2$ M.W. 262.27
PHY89716-10MG, -50MG, -100MG[†]



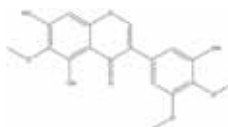
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CAS No. 10285-06-0
 $C_{15}H_{25}NO_5$ M.W. 299.37
PHY82424-10MG, -50MG, -100MG[†]



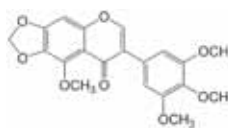
Iridin
CAS No. 491-74-7
 $C_{24}H_{26}O_{13}$ M.W. 522.46
PHY82562-10MG, -50MG, -100MG[†]



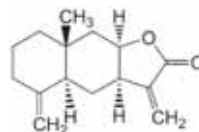
Iridiflophenone 3-C-glucoside **NEW**
CAS No. 104669-02-5
 $C_{19}H_{20}O_{10}$ M.W. 408.36
PHY83511-10MG, -50MG, -100MG[†]



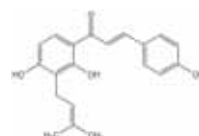
Irigenin
CAS No. 548-76-5
 $C_{18}H_{16}O_8$ M.W. 360.32
PHY83512-10MG, -50MG, -100MG[†]



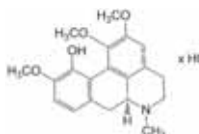
Irisflorentin
CAS No. 41743-73-1
 $C_{20}H_{18}O_8$ M.W. 386.36
PHY82563-10MG, -50MG, -100MG[†]



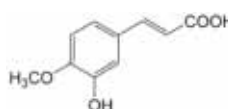
Isoalantolactone
CAS No. 470-17-7
 $C_{15}H_{20}O_2$ M.W. 232.32
PHY89228-10MG, -50MG, -100MG[†]



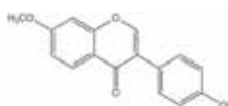
Isobavachalcone
CAS No. 20784-50-3
 $C_{20}H_{20}O_4$ M.W. 324.38
PHY83317-10MG, -50MG, -100MG[†]



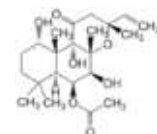
(+)-Isocorydine HCl
CAS No. 13552-72-2
 $C_{20}H_{23}NO_4 \cdot HCl$ M.W. 377.87
PHY80479-10MG, -50MG, -100MG[†]



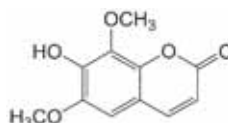
trans-Isoferulic acid
CAS No. 537-73-5
 $C_{10}H_{10}O_4$ M.W. 194.19
PHY89717-10MG, -50MG, -100MG[†]



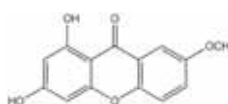
Isoformononetin
CAS No. 486-63-5
 $C_{16}H_{12}O_4$ M.W. 268.27
PHY83257-10MG, -50MG, -100MG[†]



Isoforskolin
CAS No. 64657-21-2
 $C_{22}H_{34}O_7$ M.W. 410.51
PHY82566-10MG, -50MG, -100MG[†]

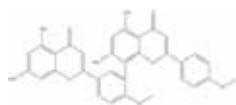


Isofraxidin
CAS No. 486-21-5
 $C_{16}H_{10}O_5$ M.W. 222.20
PHY89229-10MG, -50MG, -100MG[†]

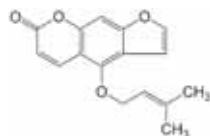


Isogentisin
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 $C_{14}H_{10}O_5$ M.W. 258.23
PHY83239-10MG, -50MG, -100MG[†]

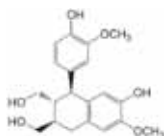
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



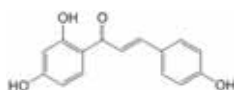
Isoginkgetin NEW
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 $C_{32}H_{22}O_{10}$ M.W. 566.52
PHY83513-5MG, -10MG[†]



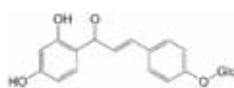
Isoimperatorin
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 $C_{16}H_{14}O_4$ M.W. 270.29
PHY89323-10MG, -50MG, -100MG[†]



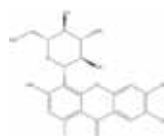
(+)-Isolariciresinol
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 $C_{20}H_{24}O_6$ M.W. 360.41
PHY80480-10MG, -50MG, -100MG[†]



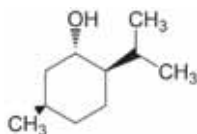
Isoliquiritigenin
CAS No. 961-29-5
 $C_{15}H_{12}O_4$ M.W. 256.26
PHY89544-10MG, -50MG, -100MG[†]



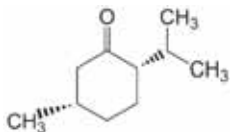
Isoliquiritin
CAS No. 5041-81-6
 $C_{21}H_{22}O_9$ M.W. 418.40
PHY80481-10MG, -50MG, -100MG[†]



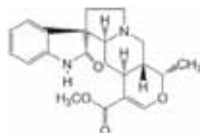
Isomangiferin NEW
CAS No. 24699-16-9
 $C_{19}H_{18}O_{11}$ M.W. 422.35
PHY83514-10MG, -50MG, -100MG[†]



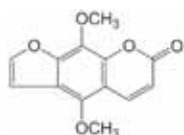
(+)-Isomenthol
CAS No. 23283-97-8
 $C_{10}H_{20}O$ M.W. 156.27
PHY80016-100MG, -500MG, -1000MG[†]



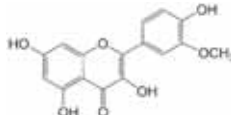
Isomenthone
CAS No. 491-07-6
 $C_{10}H_{18}O$ M.W. 154.25
PHY89328-100MG, -500MG, -1000MG[†]



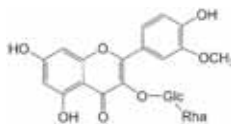
Isomitraphylline
CAS No. 4963-01-3
 $C_{21}H_{24}N_2O_4$ M.W. 368.43
PHY89718-10MG, -50MG, -100MG[†]



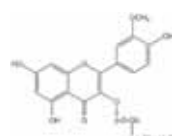
Isopimpinellin
CAS No. 482-27-9
 $C_{13}H_{10}O_5$ M.W. 246.22
PHY89873-20MG, -100MG[†]



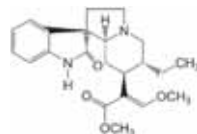
Isorhamnetin
CAS No. 480-19-3
 $C_{16}H_{12}O_7$ M.W. 316.27
PHY89314-20MG, -100MG[†]



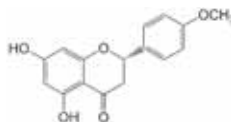
Isorhamnetin 3-neohesperidoside
CAS No. 55033-90-4
 $C_{26}H_{32}O_{16}$ M.W. 624.55
PHY82568-10MG, -50MG, -100MG[†]



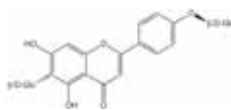
Isorhamnetin 3-rutinoside
CAS No. 604-80-8
 $C_{28}H_{32}O_{16}$ M.W. 624.55
PHY83337-10MG, -50MG, -100MG[†]



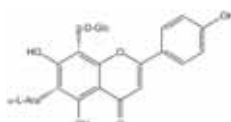
Isorhynchophylline
CAS No. 6859-01-4
 $C_{22}H_{28}N_2O_4$ M.W. 384.48
PHY80483-10MG, -50MG, -100MG[†]



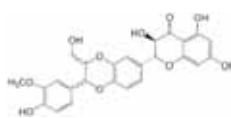
Isosakuranetin
CAS No. 480-43-3
 $C_{16}H_{14}O_5$ M.W. 286.28
PHY82569-20MG, -100MG[†]



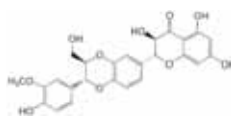
Isosaponarin
CAS No. 19416-87-6
 $C_{27}H_{30}O_{15}$ M.W. 594.53
PHY83265-10MG, -50MG, -100MG[†]



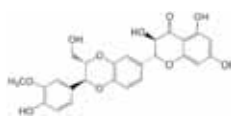
Isoschaftoside
CAS No. 52012-29-0
 $C_{26}H_{28}O_{14}$ M.W. 564.50
PHY83324-10MG, -50MG, -100MG[†]



Isosilybinin (A+B mixture)
CAS No. 72581-71-6
 $C_{26}H_{22}O_{10}$ M.W. 482.44
PHY89231-10MG, -50MG, -100MG[†]

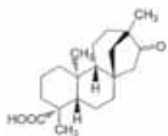


Isosilybin A
CAS No. 142796-21-2
 $C_{25}H_{22}O_{10}$ M.W. 482.44
PHY82570-5MG, -10MG[†]

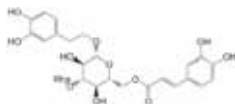


Isosilybin B
CAS No. 142796-22-3
 $C_{26}H_{22}O_{10}$ M.W. 482.44
PHY82571-5MG, -10MG[†]

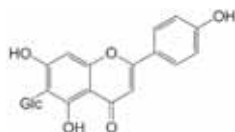
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



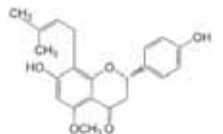
Isosteviol
CAS No. 27975-19-5
 $C_{30}H_{50}O_3$ M.W. 318.46
PHY82395-20MG, -100MG[†]



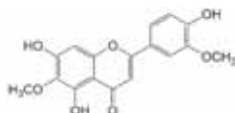
Isoverbascoside
CAS No. 61303-13-7
 $C_{29}H_{36}O_{15}$ M.W. 624.60
PHY89232-10MG, -50MG, -100MG[†]



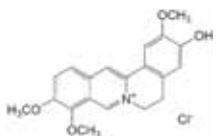
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CAS No. 38953-85-4
 $C_{21}H_{20}O_{10}$ M.W. 432.38
PHY89233-10MG, -50MG, -100MG[†]



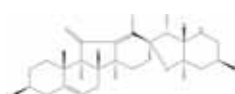
Isoxanthohumol
CAS No. 70872-29-6
 $C_{21}H_{22}O_5$ M.W. 354.40
PHY89234-10MG, -50MG, -100MG[†]



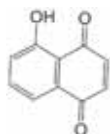
Jaceosidin
CAS No. 18085-97-7
 $C_{21}H_{14}O_7$ M.W. 330.29
PHY80786-10MG, -50MG, -100MG[†]



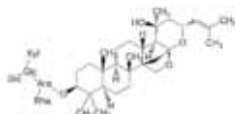
Jatrorrhizine chloride
CAS No. 6681-15-8
 $C_{20}H_{20}NO_4Cl$ M.W. 373.84
PHY89530-10MG, -50MG, -100MG[†]



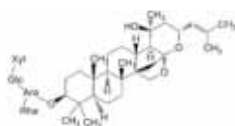
Jervine **NEW**
CAS No. 469-59-0
 $C_{27}H_{39}NO_3$ M.W. 425.61
PHY83515-10MG, -50MG, -100MG[†]



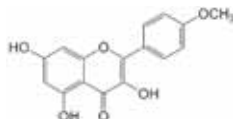
Juglone
CAS No. 481-39-0
 $C_{10}H_6O_3$ M.W. 174.16
PHY80231-25MG[†]



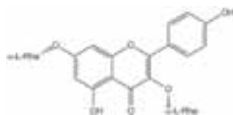
Jujuboside A
CAS No. 55466-04-1
 $C_{58}H_{98}O_{26}$ M.W. 1207.37
PHY89719-10MG, -50MG, -100MG[†]



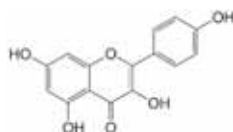
Jujuboside B
CAS No. 55466-05-2
 $C_{52}H_{84}O_{21}$ M.W. 1045.23
PHY89720-10MG, -50MG, -100MG[†]



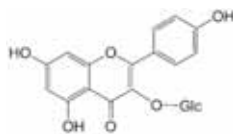
Kaempferide
CAS No. 491-54-3
 $C_{16}H_{12}O_6$ M.W. 300.27
PHY82572-20MG, -100MG[†]



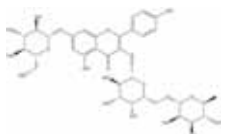
Kaempferitrin
CAS No. 482-38-2
 $C_{27}H_{30}O_{14}$ M.W. 578.53
PHY83280-10MG, -50MG, -100MG[†]



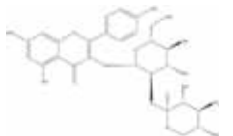
Kaempferol
CAS No. 520-18-3
 $C_{15}H_{10}O_6$ M.W. 286.24
PHY89235-20MG, -100MG[†]



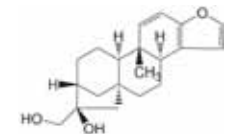
Kaempferol 3-glucoside
CAS No. 480-10-4
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PHY89237-10MG, -50MG, -100MG[†]



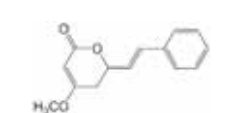
Kaempferol 3-robinoside 7-glucoside **NEW**
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 $C_{35}H_{40}O_{20}$ M.W. 756.67
PHY83516-10MG, -50MG, -100MG[†]



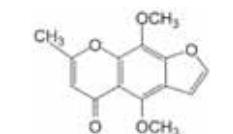
Kaempferol 3-sambubioside[†] **NEW**
CAS No. 27661-51-4
 $C_{26}H_{28}O_{15}$ M.W. 580.50
PHY83517-5MG, -10MG



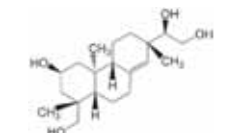
Kahweol
CAS No. 6894-43-5
 $C_{20}H_{26}O_3$ M.W. 314.43
PHY82293-20MG, -100MG[†]



D,L-Kavain
CAS No. 3155-48-4
 $C_{14}H_{14}O_3$ M.W. 230.26
PHY89239-10MG, -50MG, -100MG[†]

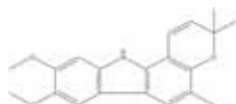


Khellin
CAS No. 82-02-0
 $C_{14}H_{12}O_5$ M.W. 260.25
PHY89481-100MG, -500MG, -1000MG[†]



Kirenol
CAS No. 52659-56-0
 $C_{20}H_{34}O_4$ M.W. 338.49
PHY89835-10MG, -50MG, -100MG[†]

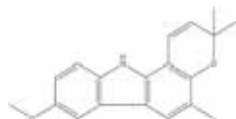
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Koeniginic

NEW

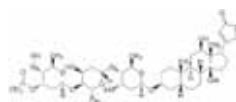
CAS No. 24123-92-0
C₂₀H₁₈NO₃ M.W. 323.39
PHY83518-10MG, -50MG, -100MG[†]



Koenimbine

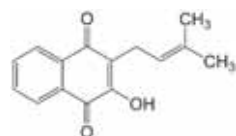
NEW

CAS No. 21087-98-9
C₁₉H₁₈NO₂ M.W. 293.37
PHY83519-10MG, -50MG, -100MG[†]



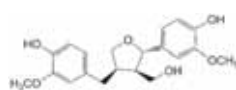
Lanatoside C

CAS No. 17575-22-3
C₄₉H₇₆O₂₀ M.W. 985.13
PHY82573-10MG, -50MG, -100MG[†]



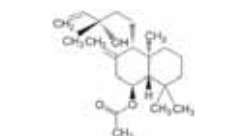
Lapachol

CAS No. 84-79-7
C₁₅H₁₄O₃ M.W. 242.28
PHY89521-20MG, -100MG[†]



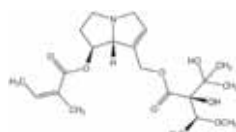
(+)-Lariciresinol

CAS No. 27003-73-2
C₂₀H₂₄O₆ M.W. 360.41
PHY80484-10MG, -50MG, -100MG[†]



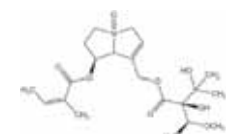
Larixyl acetate

CAS No. 4608-49-5
C₂₂H₃₆O₃ M.W. 348.53
PHY89240-10MG, -50MG, -100MG[†]



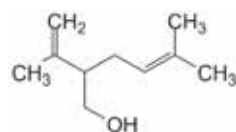
Lasiocarpine

CAS No. 303-34-4
C₂₁H₃₃NO₇ M.W. 411.50
PHY80412-10MG, -50MG, -100MG[†]



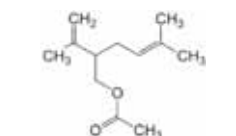
Lasiocarpine N-oxide

CAS No. 127-30-0
C₂₁H₃₃NO₈ M.W. 427.50
PHY83220-10MG, -50MG, -100MG[†]



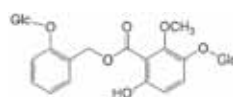
Lavandulol

CAS No. 58461-27-1
C₁₀H₁₆O M.W. 154.25
PHY80887-100MG, -500MG, -1000MG[†]



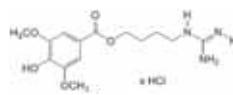
Lavandulyl acetate

CAS No. 25905-14-0
C₁₂H₂₀O₂ M.W. 196.29
PHY80653-100MG, -500MG, -1000MG[†]



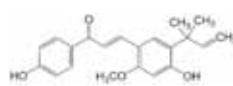
Leiocarposide

CAS No. 71953-77-0
C₂₇H₃₄O₁₆ M.W. 614.56
PHY89241-10MG, -50MG, -100MG[†]



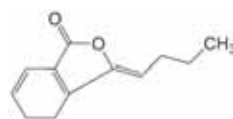
Leonurine HCl

CAS No. 24735-18-0
C₁₄H₂₁N₅O₅ · HCl M.W. 347.80
PHY80598-10MG, -50MG, -100MG[†]



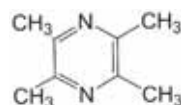
Licochalcone A

CAS No. 58749-22-7
C₂₁H₂₂O₄ M.W. 338.40
PHY80486-10MG, -50MG, -100MG[†]



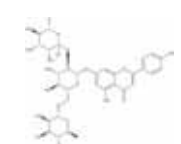
Z-Ligustilide

CAS No. 81944-09-4
C₁₃H₁₄O₂ M.W. 190.24
PHY89242-10MG, -50MG, -100MG[†]



Ligustrazine

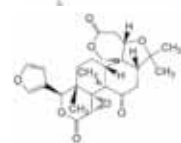
CAS No. 1124-11-4
C₈H₁₂N₂ M.W. 136.20
PHY82574-10MG, -50MG, -100MG[†]



Ligustroflavone

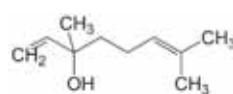
NEW

CAS No. 260413-62-5
C₃₃H₄₀O₁₈ M.W. 724.67
PHY83520-10MG, -50MG, -100MG[†]



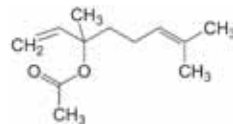
Limonin

CAS No. 1180-71-8
C₂₆H₃₀O₈ M.W. 470.52
PHY89379-10MG, -50MG, -100MG[†]



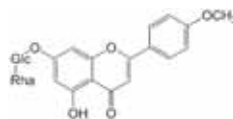
Linalool

CAS No. 78-70-6
C₁₀H₁₈O M.W. 154.25
PHY80885-100MG, -500MG, -1000MG[†]



Linalyl acetate

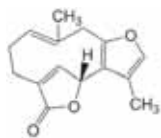
CAS No. 115-95-7
C₁₂H₂₀O₂ M.W. 196.29
PHY89243-100MG, -500MG, -1000MG[†]



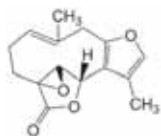
Linarin

CAS No. 480-36-4
C₂₆H₃₂O₁₄ M.W. 592.55
PHY80822-10MG, -50MG, -100MG[†]

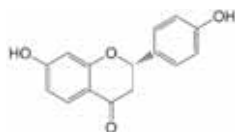
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



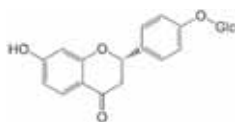
Linderallactone
CAS No. 728-61-0
 $C_{15}H_{16}O_3$ M.W. 244.29
PHY80488-10MG, -50MG, -100MG[†]



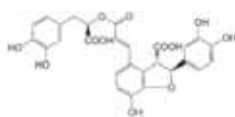
Linderane
CAS No. 13476-25-0
 $C_{15}H_{16}O_4$ M.W. 260.29
PHY80489-10MG, -50MG, -100MG[†]



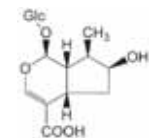
Liquiritigenin
CAS No. 578-86-9
 $C_{15}H_{12}O_4$ M.W. 256.26
PHY89543-20MG, -100MG[†]



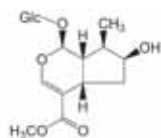
Liquiritin
CAS No. 551-15-5
 $C_{21}H_{22}O_9$ M.W. 418.40
PHY80490-10MG, -50MG, -100MG[†]



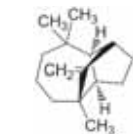
Lithospermic acid
CAS No. 28831-65-4
 $C_{27}H_{22}O_{12}$ M.W. 538.47
PHY80491-10MG, -50MG, -100MG[†]



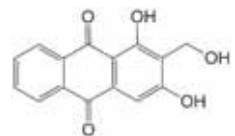
Loganic acid
CAS No. 22255-40-9
 $C_{16}H_{24}O_{10}$ M.W. 376.36
PHY80492-20MG, -100MG[†]



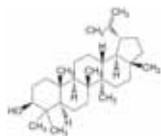
Loganin
CAS No. 18524-94-2
 $C_{17}H_{26}O_{10}$ M.W. 390.39
PHY89721-20MG, -100MG[†]



(+)-Longifolene
CAS No. 475-20-7
 $C_{15}H_{24}$ M.W. 204.36
PHY82581-100MG, -500MG, -1000MG[†]



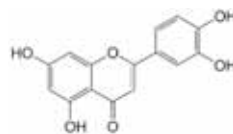
Lucidin
CAS No. 478-08-0
 $C_{15}H_{10}O_5$ M.W. 270.24
PHY89244-10MG, -50MG, -100MG[†]



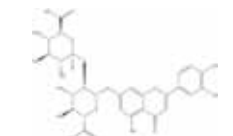
Lupeol
CAS No. 545-47-1
 $C_{30}H_{50}O$ M.W. 426.73
PHY89722-20MG, -100MG[†]



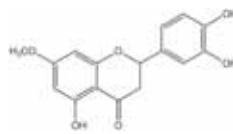
Lutein
CAS No. 127-40-2
 $C_{40}H_{56}O_2$ M.W. 568.89
PHY89723-10MG, -50MG, -100MG[†]



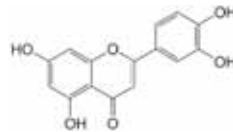
Luteolin
CAS No. 491-70-3
 $C_{15}H_{10}O_6$ M.W. 286.24
PHY89245-20MG, -100MG[†]



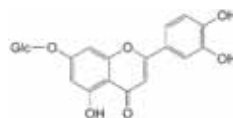
Luteolin 7-diglucuronide **NEW**
CAS No. 96400-45-2
 $C_{27}H_{26}O_{18}$ M.W. 638.49
PHY83412-10MG, -50MG, -100MG[†]



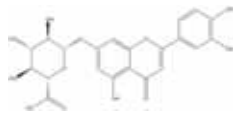
Luteolin 7-methyl ether
CAS No. 20243-59-8
 $C_{16}H_{12}O_6$ M.W. 300.27
PHY83264-10MG, -50MG, -100MG[†]



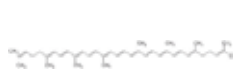
Luteolin 7,3'-di-O-glucuronide
CAS No. 53965-08-5
 $C_{27}H_{26}O_{18}$ M.W. 638.49
PHY89246-10MG, -50MG, -100MG[†]



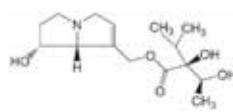
Luteolin 7-glucoside
CAS No. 5373-11-5
 $C_{21}H_{20}O_{11}$ M.W. 448.38
PHY89724-20MG, -100MG[†]



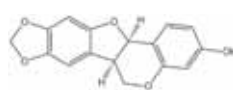
Luteolin 7-glucuronide **NEW**
CAS No. 29741-10-4
 $C_{22}H_{18}O_{12}$ M.W. 462.37
PHY83521-10MG, -50MG, -100MG[†]



Lycopene
CAS No. 502-65-8
 $C_{40}H_{56}$ M.W. 536.89
PHY89725-10MG, -50MG, -100MG[†]

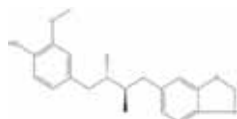


Lycopsamine
CAS No. 10285-07-1
 $C_{15}H_{25}NO_5$ M.W. 299.37
PHY89726-10MG, -50MG, -100MG[†]



(-)-Maackiain
CAS No. 2035-15-6
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY83103-10MG, -50MG, -100MG[†]

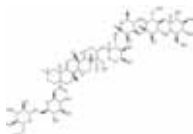
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Macelignan

NEW

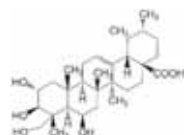
CAS No. 107534-93-0
C₂₀H₃₄O₄ M.W. 328.41
PHY83522-10MG, -50MG, -100MG[†]



Macranthoidin B

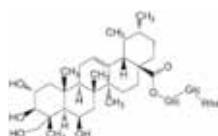
NEW

CAS No. 136849-88-2
C₆₅H₁₀₆O₃₂ M.W. 1399.54
PHY83523-10MG, -50MG, -100MG[†]



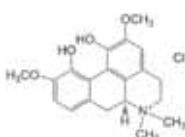
Madecassic acid

CAS No. 18449-41-7
C₃₀H₄₈O₆ M.W. 504.71
PHY80229-10MG, -50MG, -100MG[†]



Madecassoside

CAS No. 34540-22-2
C₄₈H₇₆O₂₀ M.W. 975.14
PHY80230-10MG, -50MG, -100MG[†]



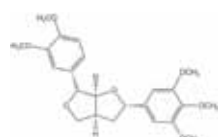
Magnoflorine chloride

CAS No. 2141-09-5
C₂₀H₂₄NO₄ M.W. 342.42
PHY80493-10MG, -50MG, -100MG[†]



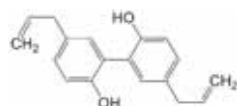
Mahanimbine

CAS No. 21104-28-9
C₂₃H₂₅NO M.W. 331.46
PHY83524-10MG, -50MG, -100MG[†]



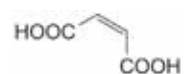
Magnolin

CAS No. 31008-18-1
C₂₃H₂₆O₇ M.W. 416.47
PHY83319-10MG, -50MG, -100MG[†]



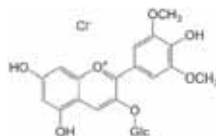
Magnolol

CAS No. 528-43-8
C₁₈H₁₆O₂ M.W. 266.34
PHY89317-20MG, -100MG[†]



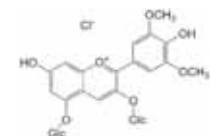
Maleic acid

CAS No. 110-16-7
C₄H₄O₄ M.W. 116.07
PHY80142-100MG, -500MG, -1000MG[†]



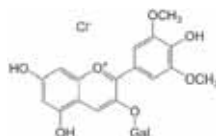
Malvidin chloride

CAS No. 643-84-5
C₂₇H₁₆O₅Cl M.W. 366.76
PHY80083-10MG, -50MG, -100MG[†]



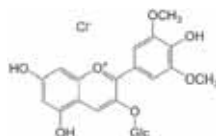
Malvidin 3,5-diglucoside chloride

CAS No. 16727-30-3
C₂₉H₃₅O₁₇Cl M.W. 691.04
PHY89727-10MG, -50MG, -100MG[†]



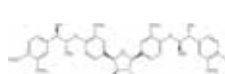
Malvidin 3-galactoside chloride

CAS No. 30113-37-2
C₂₃H₂₅O₁₂Cl M.W. 528.90
PHY80600-5MG, -10MG[†]



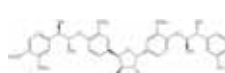
Malvidin 3-glucoside chloride

CAS No. 7228-78-6
C₂₉H₃₅O₁₂Cl M.W. 528.90
PHY89728-10MG, -50MG, -100MG[†]



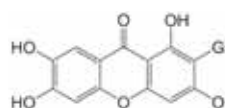
Manassantin A

CAS No. 88497-87-4
C₄₃H₅₂O₁₁ M.W. 732.87
PHY83243-10MG, -50MG, -100MG[†]



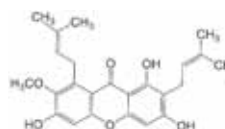
Manassantin B

CAS No. 88497-88-5
C₄₁H₄₈O₁₁ M.W. 716.83
PHY83244-10MG, -50MG, -100MG[†]



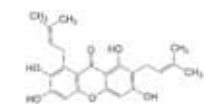
Mangiferin

CAS No. 4773-96-0
C₁₈H₁₈O₁₁ M.W. 422.35
PHY89729-20MG, -100MG[†]



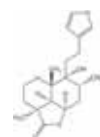
Mangostin

CAS No. 6147-11-1
C₂₄H₂₆O₆ M.W. 410.47
PHY89247-25MG[†]



γ-Mangostin

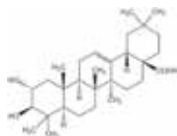
CAS No. 31271-07-5
C₂₃H₂₄O₆ M.W. 396.44
PHY80496-10MG, -50MG, -100MG[†]



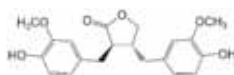
Marrubiin

CAS No. 465-92-9
C₂₀H₂₈O₄ M.W. 332.44
PHY89830-10MG, -50MG, -100MG[†]

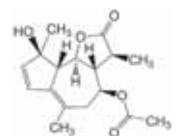
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



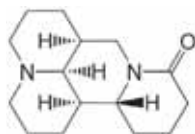
Maslinic acid
CAS No. 4373-41-5
 $C_{30}H_{48}O_4$ M.W. 472.71
PHY83209-10MG, -50MG, -100MG[†]



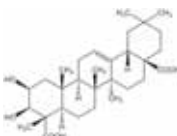
(-)-Matairesinol
CAS No. 580-72-3
 $C_{20}H_{22}O_6$ M.W. 358.39
PHY80497-10MG, -50MG, -100MG[†]



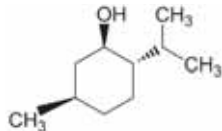
Matricin
CAS No. 29041-35-8
 $C_{17}H_{22}O_5$ M.W. 306.36
PHY89248-10MG, -50MG, -100MG[†]



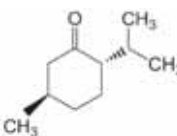
Matrine
CAS No. 519-02-8
 $C_{15}H_{23}N_2O$ M.W. 248.37
PHY89730-25MG[†]



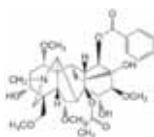
Medicagenic acid
CAS No. 599-07-5
 $C_{30}H_{46}O_6$ M.W. 502.69
PHY83289-10MG, -50MG, -100MG[†]



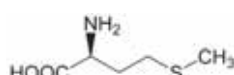
(-)-Menthol
CAS No. 154-51-5
 $C_{10}H_{20}O$ M.W. 156.27
PHY89517-100MG, -500MG, -1000MG[†]



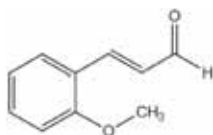
(-)-Menthone
CAS No. 14073-97-3
 $C_{10}H_{18}O$ M.W. 154.25
PHY82241-100MG, -500MG, -1000MG[†]



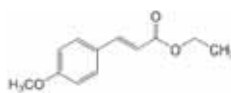
Mesaconitine
CAS No. 2752-64-9
 $C_{33}H_{45}NO_{11}$ M.W. 631.72
PHY89731-10MG, -50MG, -100MG[†]



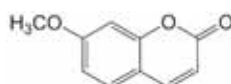
L-Methionine
CAS No. 63-68-3
 $C_5H_{11}NO_2S$ M.W. 149.21
PHY82585-100MG, -500MG, -1000MG[†]



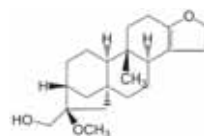
2-Methoxycinnamaldehyde
CAS No. 1504-74-1
 $C_{10}H_{10}O_2$ M.W. 162.19
PHY83155-100MG, -500MG, -1000MG[†]



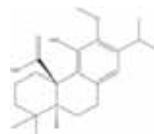
trans-p-Methoxycinnamic acid ethyl ester
CAS No. 1929-30-2
 $C_{12}H_{14}O_3$ M.W. 206.24
PHY89732-20MG, -100MG[†]



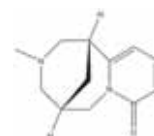
7-Methoxycoumarin
CAS No. 531-59-9
 $C_{10}H_8O_3$ M.W. 176.17
PHY89733-50MG, -100MG[†]



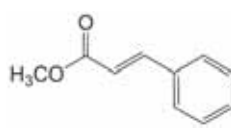
16-O-Methylcafesol
CAS No. 108214-28-4
 $C_{21}H_{30}O_3$ M.W. 330.47
PHY89734-10MG, -50MG, -100MG[†]



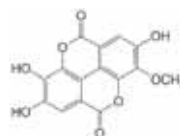
12-O-Methylcarnosic acid **NEW**
CAS No. 62201-71-2
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PHY83416-10MG, -50MG, -100MG[†]



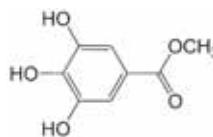
N-Methylcytisine **NEW**
CAS No. 486-86-2
 $C_{17}H_{16}N_2O$ M.W. 204.27
PHY83219-10MG, -50MG, -100MG[†]



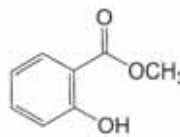
Methyl trans-cinnamate
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PHY80350-100MG, -500MG, -1000MG[†]



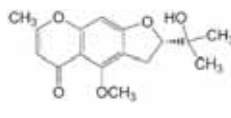
3-Methyl ellagic acid
CAS No. 51768-38-8
 $C_{16}H_8O_8$ M.W. 316.22
PHY82590-10MG, -50MG, -100MG[†]



Methyl gallate
CAS No. 99-24-1
 $C_8H_8O_5$ M.W. 184.15
PHY82592-100MG, -500MG, -1000MG[†]

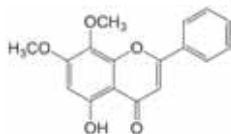


Methyl salicylate
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 $C_8H_8O_3$ M.W. 152.15
PHY82239-100MG, -500MG, -1000MG[†]

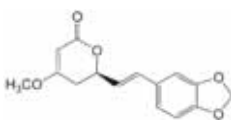


5-O-Methylvisamminol
CAS No. 80681-42-1
 $C_{16}H_{18}O_5$ M.W. 290.32
PHY80604-10MG, -50MG, -100MG[†]

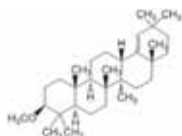
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



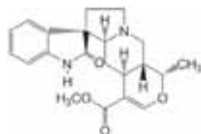
7-O-Methylwogonin
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 $C_{17}H_{14}O_5$ M.W. 298.30
PHY82598-10MG, -50MG, -100MG[†]



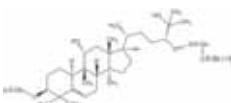
Methysticin
CAS No. 20697-20-5
 $C_{15}H_{14}O_5$ M.W. 274.27
PHY89250-10MG, -50MG, -100MG[†]



Miliacin
CAS No. 5945-45-9
 $C_{31}H_{52}O$ M.W. 440.76
PHY82261-10MG, -50MG, -100MG[†]



Mitraphylline
CAS No. 509-80-8
 $C_{21}H_{22}N_2O_4$ M.W. 368.43
PHY89736-10MG, -50MG, -100MG[†]



Mogroside III
CAS No. 130567-83-8
 $C_{48}H_{82}O_{19}$ M.W. 963.17
PHY83285-10MG, -50MG, -100MG[†]



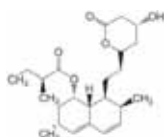
Mogroside IV
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PHY82599-10MG, -50MG, -100MG[†]



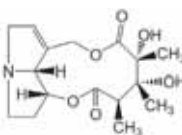
Mogroside V
CAS No. 88901-36-4
 $C_{60}H_{102}O_{29}$ M.W. 1287.46
PHY80498-10MG, -50MG, -100MG[†]



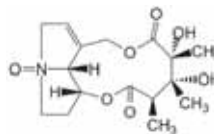
Momordin Ic
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PHY83281-10MG, -50MG, -100MG[†]



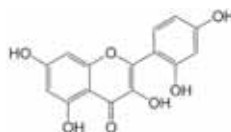
Monacolin K
CAS No. 75330-75-5
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PHY80307-10MG, -50MG, -100MG[†]



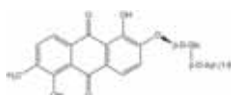
Monocrotaline
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 $C_{16}H_{23}NO_8$ M.W. 325.36
PHY89251-20MG, -100MG[†]



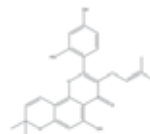
Monocrotaline N-oxide
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 $C_{16}H_{23}NO_8$ M.W. 341.36
PHY82629-10MG, -50MG, -100MG[†]



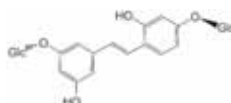
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PHY82601-20MG, -100MG[†]



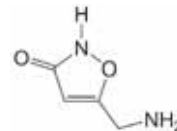
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CAS No. 60450-21-7
 $C_{26}H_{28}O_{14}$ M.W. 564.50
PHY83245-10MG, -50MG, -100MG[†]



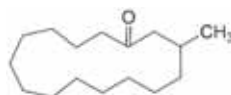
Morusin NEW
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 $C_{25}H_{24}O_6$ M.W. 420.46
PHY83525-10MG, -50MG, -100MG[†]



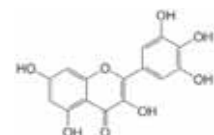
Mulberroside A
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PHY80501-10MG, -50MG, -100MG[†]



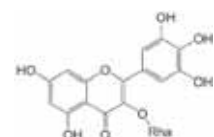
Muscimol
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 $C_4H_8N_2O_2$ M.W. 114.10
PHY89495-10MG, -50MG, -100MG[†]



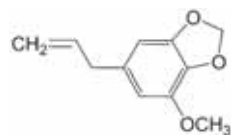
Muscone
CAS No. 541-91-3
 $C_{15}H_{30}O$ M.W. 238.42
PHY89737-20MG, -100MG[†]



Myricetin
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 $C_{15}H_{10}O_8$ M.W. 318.24
PHY89252-20MG, -100MG[†]

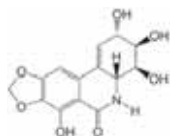


Myricitrin
CAS No. 17912-87-7
 $C_{21}H_{20}O_{12}$ M.W. 464.38
PHY80209-20MG, -100MG[†]



Myristicine
CAS No. 607-91-0
 $C_{11}H_{12}O_3$ M.W. 192.22
PHY80886-50MG, -100MG[†]

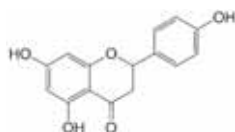
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



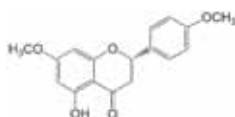
Narciclasine
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PHY82604-10MG, -50MG, -100MG[†]



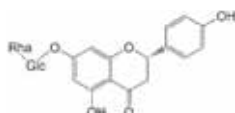
Nardosinone **NEW**
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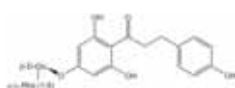
Naringenin
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PHY89738-25MG[†]



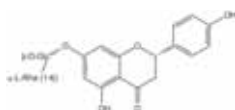
Naringenin 4',7-dimethylether
CAS No. 29424-96-2
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PHY82605-10MG, -50MG, -100MG[†]



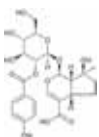
Naringin
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PHY89739-25MG[†]



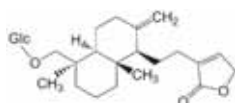
Naringin dihydrochalcone
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 $C_{27}H_{34}O_{14}$ M.W. 582.56
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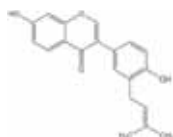
Narirutin
CAS No. 14259-46-2
 $C_{27}H_{32}O_{14}$ M.W. 580.54
PHY83339-10MG, -50MG, -100MG[†]



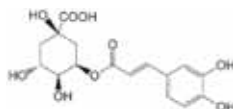
Negundoside
CAS No. 82451-20-5
 $C_{23}H_{28}O_{12}$ M.W. 496.47
PHY83259-10MG, -50MG, -100MG[†]



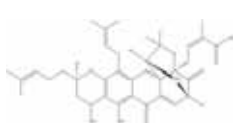
Neoandrographolide
CAS No. 27215-14-1
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PHY89740-10MG, -50MG, -100MG[†]



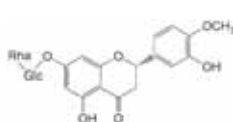
Neobavaisoflavone
CAS No. 41060-15-5
 $C_{20}H_{16}O_4$ M.W. 322.36
PHY83295-10MG, -50MG, -100MG[†]



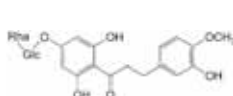
Neochlorogenic acid
CAS No. 906-33-2
 $C_{16}H_{18}O_9$ M.W. 354.31
PHY80504-10MG, -50MG, -100MG[†]



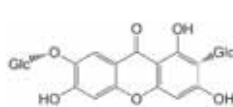
Neogambogic acid **NEW**
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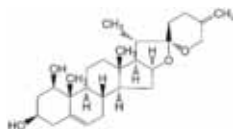
Neohesperedin
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 $C_{28}H_{34}O_{15}$ M.W. 610.57
PHY89741-10MG, -50MG, -100MG[†]



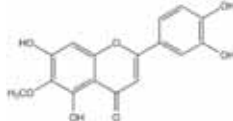
Neohesperidin dihydrochalcone
CAS No. 20702-77-6
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PHY82289-50MG, -100MG[†]



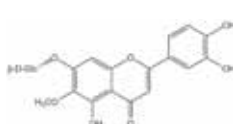
Neomangiferin
CAS No. 64809-67-2
 $C_{26}H_{28}O_{18}$ M.W. 584.49
PHY80505-10MG, -50MG, -100MG[†]



Neoruscogenin
CAS No. 17676-33-4
 $C_{27}H_{40}O_4$ M.W. 428.61
PHY89253-10MG, -50MG, -100MG[†]



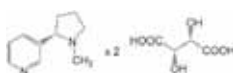
Nepetin
CAS No. 520-11-6
 $C_{16}H_{12}O_7$ M.W. 316.27
PHY83327-10MG, -50MG, -100MG[†]



Nepetin 7-glucoside
CAS No. 569-90-4
 $C_{22}H_{22}O_{12}$ M.W. 478.41
PHY83306-10MG, -50MG, -100MG[†]

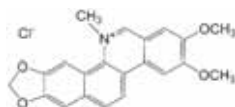


Nevadensin
CAS No. 10176-66-6
 $C_{18}H_{16}O_7$ M.W. 344.32
PHY83365-10MG, -50MG, -100MG[†]

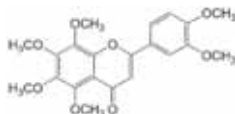


Nicotine ditartrate
CAS No. 65-31-6
 $C_{10}H_{14}N_2 \cdot 2 C_4H_6O_6$ M.W. 462.41
PHY80224-100MG, -500MG, -1000MG[†]

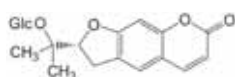
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



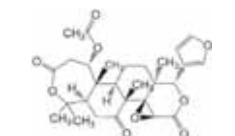
Nitidine chloride
CAS No. 13063-04-2
 $C_{21}H_{18}NO_4Cl$ M.W. 383.83
PHY80506-10MG, -50MG, -100MG[†]



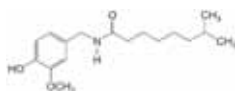
Nobiletin
CAS No. 478-01-3
 $C_{21}H_{22}O_8$ M.W. 402.40
PHY80858-10MG, -50MG, -100MG[†]



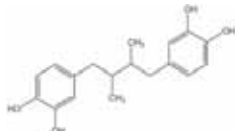
Nodakenin
CAS No. 495-31-8
 $C_{20}H_{24}O_9$ M.W. 408.41
PHY82608-10MG, -50MG, -100MG[†]



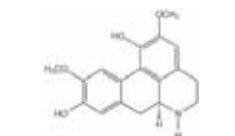
Nomilin
CAS No. 1063-77-0
 $C_{28}H_{32}O_9$ M.W. 514.57
PHY80507-10MG, -50MG, -100MG[†]



Nordihydrocapsaicin
CAS No. 28789-35-7
 $C_{17}H_{27}NO_3$ M.W. 293.41
PHY89254-10MG, -50MG, -100MG[†]



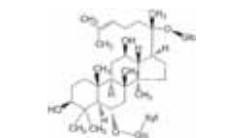
Nordihydroguaiaretic acid
CAS No. 500-38-9
 $C_{18}H_{22}O_4$ M.W. 302.37
PHY82880-50MG, -100MG[†]



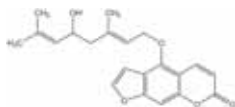
Norisoboldine
CAS No. 23599-69-1
 $C_{18}H_{19}NO_4$ M.W. 313.35
PHY83266-10MG, -50MG, -100MG[†]



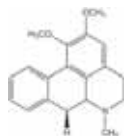
(-)-Nortrachelogenin
CAS No. 34444-37-6
 $C_{20}H_{22}O_7$ M.W. 374.39
PHY80508-10MG, -50MG, -100MG[†]



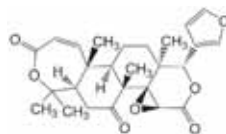
Notoginsenoside R1
CAS No. 80418-24-2
 $C_{47}H_{80}O_{18}$ M.W. 933.14
PHY89743-10MG, -50MG, -100MG[†]



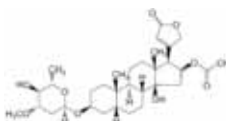
Notopterol
CAS No. 88206-46-6
 $C_{21}H_{22}O_5$ M.W. 354.40
PHY83320-10MG, -50MG, -100MG[†]



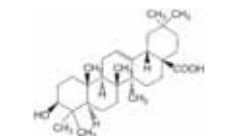
Nuciferine
CAS No. 475-83-2
 $C_{19}H_{21}NO_3$ M.W. 295.38
PHY83282-10MG, -50MG, -100MG[†]



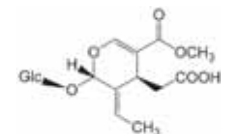
Obacunone
CAS No. 751-03-1
 $C_{26}H_{30}O_7$ M.W. 454.52
PHY80509-10MG, -50MG, -100MG[†]



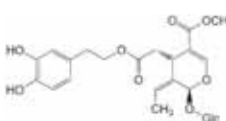
Oleandrin
CAS No. 465-16-7
 $C_{32}H_{48}O_9$ M.W. 576.73
PHY89744-10MG, -50MG, -100MG[†]



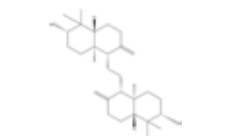
Oleanolic acid
CAS No. 508-02-1
 $C_{30}H_{48}O_3$ M.W. 456.71
PHY89383-50MG, -100MG[†]



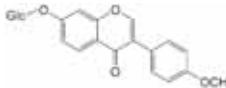
Oleoside 11-methyl ester
CAS No. 60539-23-3
 $C_{17}H_{24}O_{11}$ M.W. 404.37
PHY89652-10MG, -50MG, -100MG[†]



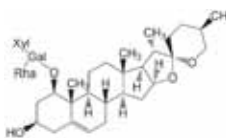
Oleuropein
CAS No. 32619-42-4
 $C_{25}H_{32}O_{13}$ M.W. 540.52
PHY89338-10MG, -50MG, -100MG[†]



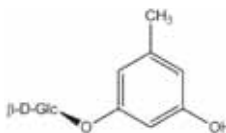
a-Onocerin NEW
CAS No. 511-01-3
 $C_{30}H_{50}O_2$ M.W. 442.73
PHY83528-5MG, -10MG[†]



Ononin
CAS No. 486-62-4
 $C_{22}H_{22}O_9$ M.W. 430.41
PHY82359-10MG, -50MG, -100MG[†]

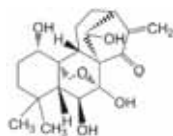


Ophiopogonin D
CAS No. 945619-74-9
 $C_{44}H_{70}O_{16}$ M.W. 855.03
PHY82614-10MG, -50MG, -100MG[†]

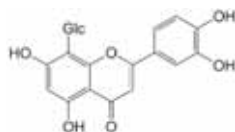


Orcinol β-D-glucoside
CAS No. 21082-33-7
 $C_{13}H_{18}O_7$ M.W. 286.28
PHY83267-10MG, -50MG, -100MG[†]

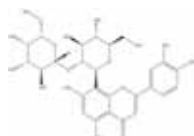
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



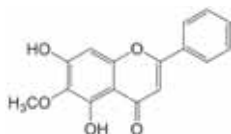
Oridonin
CAS No. 28957-04-2
 $C_{20}H_{26}O_8$ M.W. 364.44
PHY89745-10MG, -50MG, -100MG[†]



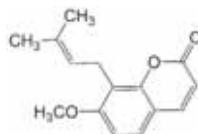
Orientin
CAS No. 28608-75-5
 $C_{21}H_{20}O_{11}$ M.W. 448.38
PHY89746-10MG, -50MG, -100MG[†]



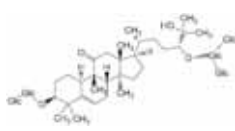
Orientin 2''-galactoside **NEW**
CAS No. 861691-37-4
 $C_{27}H_{30}O_{16}$ M.W. 610.53
PHY83529-10MG, -50MG, -100MG[†]



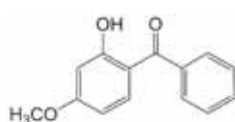
Oroxylin A
CAS No. 480-11-5
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY82615-10MG, -50MG, -100MG[†]



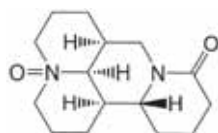
Osthole
CAS No. 484-12-8
 $C_{15}H_{16}O_3$ M.W. 244.29
PHY89747-20MG, -100MG[†]



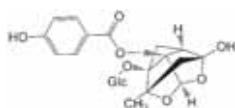
11-Oxomogroside V
CAS No. 126105-11-1
 $C_{60}H_{100}O_{29}$ M.W. 1285.44
PHY80899-10MG, -50MG, -100MG[†]



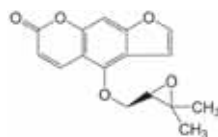
Oxybenzone
CAS No. 131-57-7
 $C_{14}H_{12}O_3$ M.W. 228.25
PHY82617-100MG, -500MG, -1000MG[†]



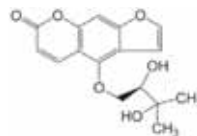
Oxymatrine
CAS No. 16837-52-8
 $C_{15}H_{24}N_2O_2$ M.W. 264.37
PHY89748-25MG[†]



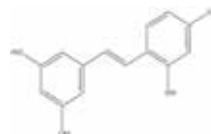
Oxypaeoniflorin
CAS No. 39011-91-1
 $C_{23}H_{28}O_{12}$ M.W. 496.47
PHY80608-10MG, -50MG, -100MG[†]



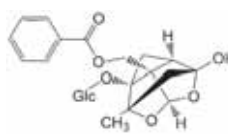
Oxypeucedanin
CAS No. 26091-73-6
 $C_{16}H_{14}O_5$ M.W. 286.28
PHY89876-10MG, -50MG, -100MG[†]



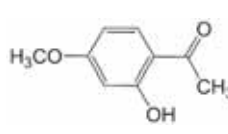
Oxypeucedanin hydrate
CAS No. 2643-85-8
 $C_{16}H_{16}O_6$ M.W. 304.30
PHY80907-10MG, -50MG, -100MG[†]



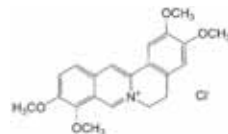
trans-Oxyresveratrol **NEW**
CAS No. 29700-22-9
 $C_{14}H_{12}O_4$ M.W. 244.25
PHY83530-20MG, -100MG[†]



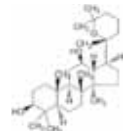
Paeoniflorin
CAS No. 23180-57-6
 $C_{23}H_{28}O_{11}$ M.W. 480.47
PHY89384-10MG, -50MG, -100MG[†]



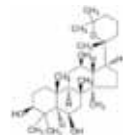
Paeonol
CAS No. 552-41-0
 $C_9H_{10}O_3$ M.W. 166.18
PHY89749-25MG[†]



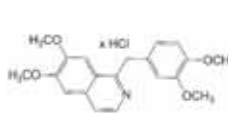
Palmatine chloride
CAS No. 10605-02-4
 $C_{23}H_{22}NO_4Cl$ M.W. 387.86
PHY89490-25MG[†]



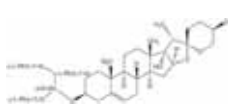
Panaxadiol
CAS No. 19666-76-3
 $C_{30}H_{52}O_3$ M.W. 460.74
PHY89750-10MG, -50MG, -100MG[†]



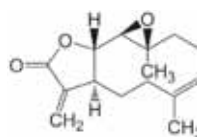
Panaxatriol
CAS No. 32791-84-7
 $C_{30}H_{52}O_4$ M.W. 476.74
PHY89751-10MG, -50MG, -100MG[†]



Papaverine HCl
CAS No. 61-25-6
 $C_{20}H_{21}NO_4 \cdot HCl$ M.W. 375.85
PHY82620-100MG, -500MG, -1000MG[†]

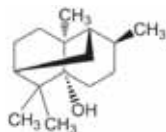


Paris VII
CAS No. 68124-04-9
 $C_{51}H_{82}O_{21}$ M.W. 1031.20
PHY83226-10MG, -50MG, -100MG[†]

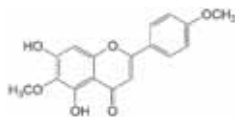


Parthenolide
CAS No. 20554-84-1
 $C_{16}H_{20}O_3$ M.W. 248.32
PHY89255-20MG, -100MG[†]

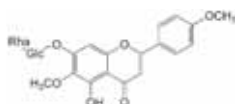
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Patchouli alcohol
CAS No. 5986-55-0
 $C_{15}H_{26}O$ M.W. 222.37
PHY89752-10MG, -50MG, -100MG[†]



Pectolinarigenin
CAS No. 520-12-7
 $C_{17}H_{14}O_6$ M.W. 314.30
PHY82621-10MG, -50MG, -100MG[†]



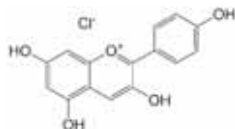
Pectolinarin
CAS No. 28978-02-1
 $C_{29}H_{34}O_{15}$ M.W. 622.58
PHY82622-10MG, -50MG, -100MG[†]



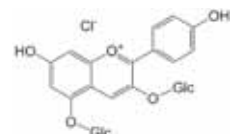
Peimine
CAS No. 23496-41-5
 $C_{27}H_{16}NO_3$ M.W. 431.66
PHY89486-10MG, -50MG, -100MG[†]



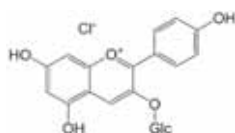
Peiminine
CAS No. 18059-10-4
 $C_{27}H_{34}NO_3$ M.W. 429.65
PHY89533-10MG, -50MG, -100MG[†]



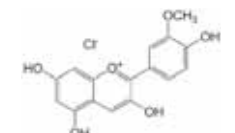
Pelargonidin chloride
CAS No. 134-04-3
 $C_{15}H_{11}O_5Cl$ M.W. 306.70
PHY80084-10MG, -50MG, -100MG[†]



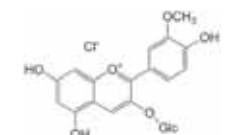
Pelargonidin 3,5-diglucoside chloride
CAS No. 17334-58-6
 $C_{27}H_{34}O_{15}Cl$ M.W. 630.99
PHY80334-10MG, -50MG, -100MG[†]



Pelargonidin 3-glucoside chloride
CAS No. 18466-51-8
 $C_{21}H_{21}O_{10}Cl$ M.W. 468.85
PHY89753-10MG, -50MG, -100MG[†]

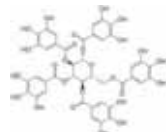


Peonidin chloride
CAS No. 134-01-0
 $C_{16}H_{13}O_6Cl$ M.W. 336.73
PHY80085-5MG, -10MG[†]

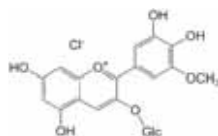


Peonidin 3-glucoside **NEW**
CAS No. 6906-39-4
 $C_{22}H_{23}O_{11}Cl$ M.W. 498.87
PHY89754-5MG, -10MG
(5 mg min order)

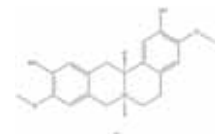
1 mg[†]



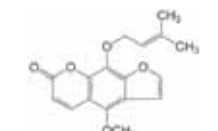
1,2,3,4,6-Pentagalloyl B-D-glucose
CAS No. 14937-32-7
 $C_{41}H_{32}O_{26}$ M.W. 940.69
PHY82752-10MG, -50MG, -100MG[†]



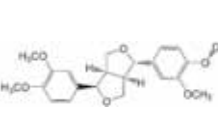
Petunidin 3-glucoside chloride
CAS No. 6988-81-4
 $C_{27}H_{23}O_{12}Cl$ M.W. 514.87
PHY89755-5MG, -10MG[†]



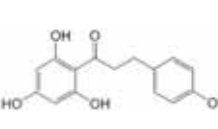
Phellodendrine chloride **NEW**
CAS No. 104112-82-5
 $C_{20}H_{24}NO_4Cl$ M.W. 377.87
PHY83531-10MG, -50MG, -100MG[†]



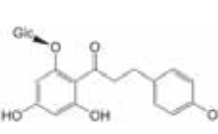
Phellopterin
CAS No. 2543-94-4
 $C_{17}H_{16}O_5$ M.W. 300.31
PHY80785-10MG, -50MG, -100MG[†]



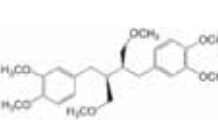
Phillyrin
CAS No. 487-41-2
 $C_{27}H_{34}O_{11}$ M.W. 534.56
PHY89532-10MG, -50MG, -100MG[†]



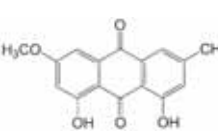
Phloretin
CAS No. 60-82-2
 $C_{15}H_{14}O_5$ M.W. 274.27
PHY82624-100MG, -500MG, -1000MG[†]



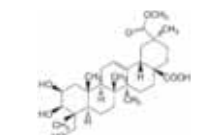
Phloridzin
CAS No. 60-81-1
 $C_{27}H_{24}O_{10}$ M.W. 436.42
PHY80513-100MG, -500MG, -1000MG[†]



Phyllanthin
CAS No. 10351-88-9
 $C_{22}H_{34}O_6$ M.W. 418.53
PHY89756-10MG, -50MG, -100MG[†]

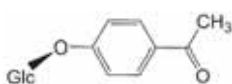


Physcion
CAS No. 521-61-9
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY89757-20MG, -100MG[†]

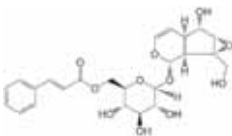


Phytolaccagenin
CAS No. 1802-12-6
 $C_{31}H_{48}O_7$ M.W. 532.72
PHY80614-10MG, -50MG, -100MG[†]

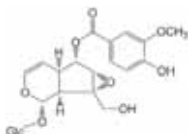
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



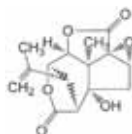
Picein
CAS No. 530-14-3
 $C_{14}H_{16}O_7$ M.W. 298.29
PHY89883-20MG, -100MG[†]



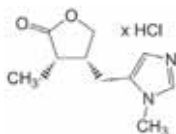
Picroside I
CAS No. 27409-30-9
 $C_{24}H_{26}O_{11}$ M.W. 492.48
PHY89758-20MG, -100MG[†]



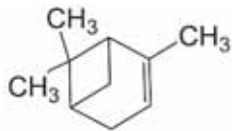
Picroside II
CAS No. 39012-20-9
 $C_{23}H_{28}O_{13}$ M.W. 512.47
PHY89759-20MG, -100MG[†]



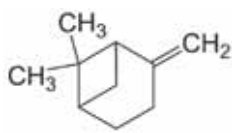
Picrotoxinin
CAS No. 17617-45-7
 $C_{15}H_{16}O_6$ M.W. 292.29
PHY80339-20MG, -100MG[†]



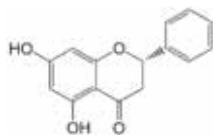
Pilocarpine HCl
CAS No. 54-71-7
 $C_{11}H_{16}N_2O_2 \cdot HCl$ M.W. 244.72
PHY80370-20MG, -100MG[†]



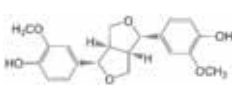
α-Pinene
CAS No. 80-56-8
 $C_{10}H_{16}$ M.W. 136.24
PHY89257-100MG, -500MG, -1000MG[†]



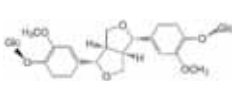
β-Pinene
CAS No. 127-91-3
 $C_{10}H_{16}$ M.W. 136.24
PHY89335-100MG, -500MG, -1000MG[†]



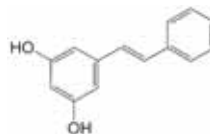
Pinocembrin
CAS No. 480-39-7
 $C_{15}H_{12}O_4$ M.W. 256.26
PHY80061-10MG, -50MG, -100MG[†]



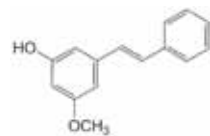
(+)-Pinoresinol
CAS No. 487-36-5
 $C_{20}H_{22}O_6$ M.W. 358.39
PHY89525-10MG, -50MG, -100MG[†]



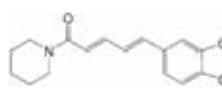
Pinoresinol diglucoside
CAS No. 63902-38-5
 $C_{32}H_{42}O_{16}$ M.W. 682.68
PHY89850-10MG, -50MG, -100MG[†]



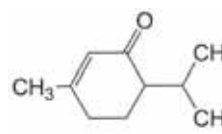
Pinosylvin
CAS No. 22139-77-1
 $C_{14}H_{12}O_2$ M.W. 212.25
PHY80516-10MG, -50MG, -100MG[†]



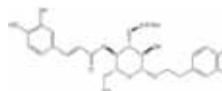
Pinosylvin monomethyl ether
CAS No. 35302-70-6
 $C_{15}H_{14}O_2$ M.W. 226.28
PHY80517-10MG, -50MG, -100MG[†]



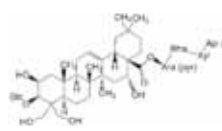
Piperine
CAS No. 94-62-2
 $C_{17}H_{19}NO_3$ M.W. 285.34
PHY89760-100MG, -500MG, -1000MG[†]



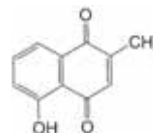
Piperitone
CAS No. 89-81-6
 $C_{10}H_{16}O$ M.W. 152.24
PHY82627-100MG, -500MG, -1000MG[†]



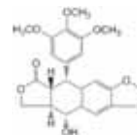
Plantamajoside
CAS No. 104777-68-6
 $C_{26}H_{36}O_{16}$ M.W. 640.60
PHY83304-10MG, -50MG, -100MG[†]



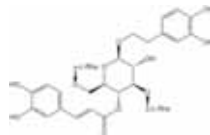
Platycodin D
CAS No. 58479-68-8
 $C_{57}H_{92}O_{28}$ M.W. 1225.34
PHY80518-10MG, -50MG, -100MG[†]



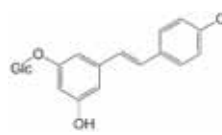
Plumbagin
CAS No. 481-42-5
 $C_{11}H_8O_3$ M.W. 188.18
PHY80267-10MG, -50MG, -100MG[†]



Podophyllotoxin
CAS No. 518-28-5
 $C_{22}H_{22}O_8$ M.W. 414.41
PHY89523-50MG, -100MG[†]

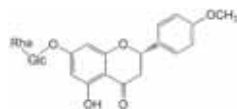


Poliumoside
CAS No. 94079-81-9
 $C_{35}H_{46}O_{19}$ M.W. 770.74
PHY83305-10MG, -50MG, -100MG[†]

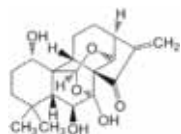


trans-Polydatin
CAS No. 27208-80-6
 $C_{20}H_{22}O_8$ M.W. 390.39
PHY89312-20MG, -100MG[†]

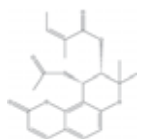
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Poncirin
CAS No. 14941-08-3
 $C_{28}H_{30}O_{14}$ M.W. 594.57
PHY82628-10MG, -50MG, -100MG[†]



Ponicidin
CAS No. 52617-37-5
 $C_{20}H_{26}O_6$ M.W. 362.42
PHY80615-10MG, -50MG, -100MG[†]



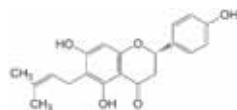
(+/-)-Praeruptorin A **NEW**
CAS No. 73069-25-7
 $C_{21}H_{22}O_7$ M.W. 386.40
PHY83553-10MG, -50MG, -100MG[†]



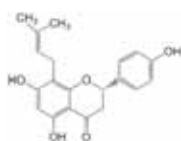
(+/-)-Praeruptorin B **NEW**
CAS No. 73069-26-8
 $C_{24}H_{26}O_7$ M.W. 426.47
PHY83554-10MG, -50MG, -100MG[†]



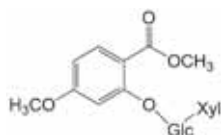
(+/-)-Praeruptorin C **NEW**
CAS No. 72463-77-5
 $C_{24}H_{26}O_7$ M.W. 428.48
PHY83555-10MG, -50MG, -100MG[†]



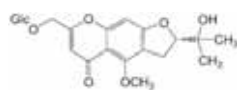
6-Prenylnaringenin
CAS No. 68236-13-5
 $C_{20}H_{20}O_5$ M.W. 340.38
PHY80520-10MG, -50MG, -100MG[†]



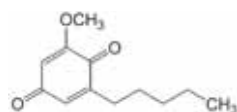
8-Prenylnaringenin
CAS No. 53846-50-7
 $C_{20}H_{20}O_5$ M.W. 340.38
PHY89886-10MG, -50MG, -100MG[†]



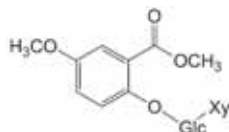
Primeverin
CAS No. 154-60-9
 $C_{20}H_{28}O_{13}$ M.W. 476.44
PHY89761-10MG, -50MG, -100MG[†]



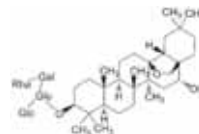
Prim-O-glucosylcimifugin
CAS No. 80681-45-4
 $C_{22}H_{28}O_{11}$ M.W. 468.46
PHY80521-10MG, -50MG, -100MG[†]



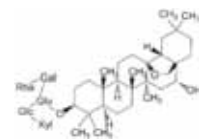
Primin
CAS No. 15121-94-5
 $C_{12}H_{16}O_3$ M.W. 208.26
PHY89762-10MG, -50MG, -100MG[†]



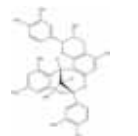
Primulaverin
CAS No. 154-61-0
 $C_{20}H_{28}O_{13}$ M.W. 476.44
PHY89763-10MG, -50MG, -100MG[†]



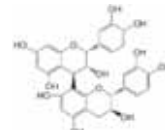
Primulic acid I
CAS No. 65312-86-9
 $C_{54}H_{88}O_{23}$ M.W. 1105.28
PHY89259-10MG, -50MG, -100MG[†]



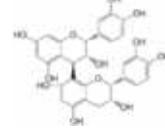
Primulic acid II
CAS No. 208599-88-6
 $C_{59}H_{96}O_{27}$ M.W. 1237.40
PHY89260-10MG, -50MG, -100MG[†]



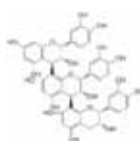
Procyanidin A2 **NEW**
CAS No. 41743-41-3
 $C_{30}H_{24}O_{12}$ M.W. 576.51
PHY83223-10MG, -50MG, -100MG[†]



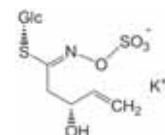
Procyanidin B1
CAS No. 20315-25-7
 $C_{30}H_{26}O_{12}$ M.W. 578.53
PHY89764-5MG, -10MG[†]



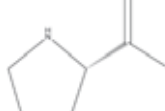
Procyanidin B2
CAS No. 29106-49-8
 $C_{30}H_{26}O_{12}$ M.W. 578.53
PHY89552-10MG, -50MG, -100MG[†]



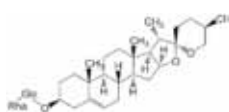
Procyanidin C1
CAS No. 37064-30-5
 $C_{45}H_{38}O_{18}$ M.W. 866.79
PHY89537-5MG, -10MG[†]



Progoitrin potassium salt
CAS No. 21087-77-4
 $C_{11}H_{18}NO_{10}S_2K$ M.W. 427.49
PHY89765-10MG, -50MG, -100MG[†]

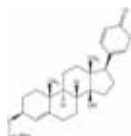


L-Proline **NEW**
CAS No. 147-85-3
 $C_5H_9NO_2$ M.W. 115.13
PHY83414-100MG, -500MG, -1000MG[†]

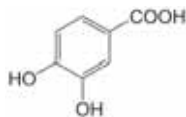


Prosapogenin A
CAS No. 19057-67-1
 $C_{30}H_{42}O_{12}$ M.W. 722.92
PHY80558-10MG, -50MG, -100MG[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



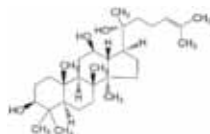
Proscillaridin A
CAS No. 466-06-8
 $C_{30}H_{42}O_8$ M.W. 530.66
PHY82774-10MG, -50MG, -100MG[†]



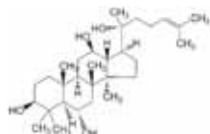
Protocatechuic acid
CAS No. 99-50-3
 $C_7H_6O_4$ M.W. 154.12
PHY89766-100MG, -500MG, -1000MG[†]



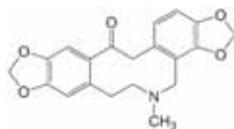
Protodioscin
CAS No. 55056-80-9
 $C_{51}H_{84}O_{22}$ M.W. 1049.22
PHY80522-10MG, -50MG, -100MG[†]



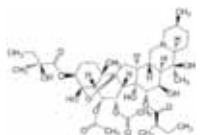
Protopanaxadiol
CAS No. 7755-01-3
 $C_{30}H_{52}O_3$ M.W. 460.74
PHY89767-10MG, -50MG, -100MG[†]



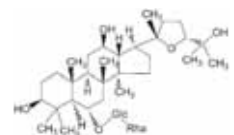
Protopanaxatriol
CAS No. 1453-93-6
 $C_{30}H_{52}O_4$ M.W. 476.74
PHY89768-10MG, -50MG, -100MG[†]



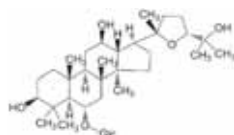
Protopine
CAS No. 130-86-9
 $C_{20}H_{19}NO_5$ M.W. 353.38
PHY89546-10MG, -50MG, -100MG[†]



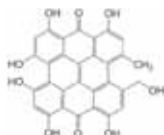
Protoveratrine A
CAS No. 143-57-7
 $C_{41}H_{63}NO_{14}$ M.W. 793.95
PHY89336-10MG, -50MG, -100MG[†]



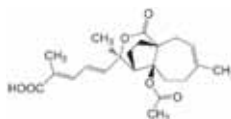
Pseudoginsenoside F11
CAS No. 69884-00-0
 $C_{42}H_{72}O_{14}$ M.W. 801.03
PHY89769-10MG, -50MG, -100MG[†]



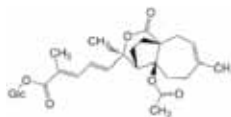
Pseudoginsenoside RT5
CAS No. 98474-78-3
 $C_{36}H_{62}O_{10}$ M.W. 654.88
PHY80619-10MG, -50MG, -100MG[†]



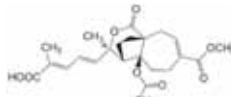
Pseudohypericin
CAS No. 55954-61-5
 $C_{30}H_{16}O_9$ M.W. 520.45
PHY89261-5MG, -10MG[†]



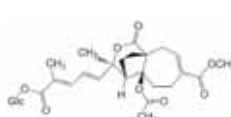
Pseudolaric acid A
CAS No. 82508-32-5
 $C_{22}H_{28}O_8$ M.W. 388.46
PHY80620-10MG, -50MG, -100MG[†]



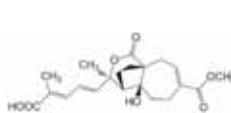
Pseudolaric acid
CAS No. 98891-44-2
 $C_{26}H_{38}O_{11}$ M.W. 550.60
PHY82633-10MG, -50MG, -100MG[†]



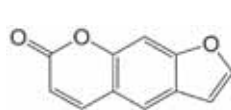
Pseudolaric acid B
CAS No. 82508-31-4
 $C_{23}H_{28}O_8$ M.W. 432.47
PHY80523-10MG, -50MG, -100MG[†]



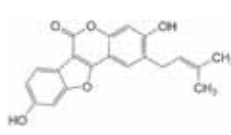
Pseudolaric acid B-glucopyranoside
CAS No. 98891-41-9
 $C_{26}H_{38}O_{13}$ M.W. 594.61
PHY82634-10MG, -50MG, -100MG[†]



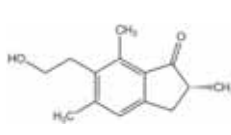
Pseudolaric acid C
CAS No. 82601-41-0
 $C_{23}H_{26}O_7$ M.W. 390.43
PHY82635-10MG, -50MG, -100MG[†]



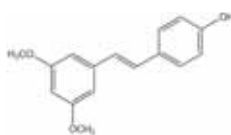
Psoralen
CAS No. 66-97-7
 $C_{11}H_6O_3$ M.W. 186.17
PHY89770-20MG, -100MG[†]



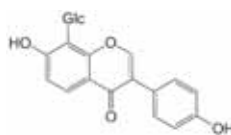
Psoralidin
CAS No. 18642-23-4
 $C_{20}H_{16}O_5$ M.W. 336.34
PHY82636-10MG, -50MG, -100MG[†]



Pterisin B
CAS No. 34175-96-7
 $C_{14}H_{18}O_2$ M.W. 218.30
PHY82794-10MG, -50MG, -100MG[†]



trans-Pterostilbene
CAS No. 537-42-8
 $C_{16}H_{16}O_3$ M.W. 256.30
PHY83261-10MG, -50MG, -100MG[†]



Puerarin
CAS No. 3681-99-0
 $C_{21}H_{20}O_9$ M.W. 416.39
PHY89318-10MG, -50MG, -100MG[†]

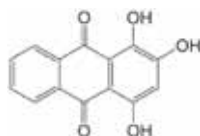
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



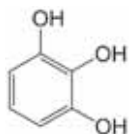
Punicalagin
CAS No. 65995-63-3
 $C_{48}H_{26}O_{30}$ M.W. 1084.73
PHY80524-10MG, -50MG, -100MG[†]



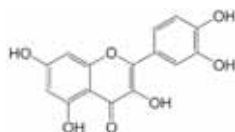
Punicalin (A + B mixture) **NEW**
CAS No. 65995-64-4
 $C_{34}H_{22}O_{22}$ M.W. 782.54
PHY83532-10MG, -50MG, -100MG[†]



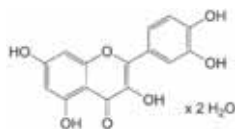
Purpurin
CAS No. 81-54-9
 $C_{14}H_8O_5$ M.W. 256.21
PHY89771-100MG, -500MG, -1000MG[†]



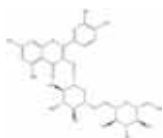
Pyrogallol
CAS No. 87-66-1
 $C_6H_6O_3$ M.W. 126.11
PHY89772-100MG, -500MG, -1000MG[†]



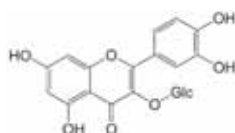
Quercetin
CAS No. 117-39-5
 $C_{15}H_{10}O_7$ M.W. 302.24
PHY89262-20MG, -100MG[†]



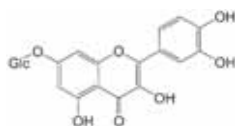
Quercetin dihydrate
CAS No. 6151-25-3
 $C_{15}H_{10}O_7 \cdot 2H_2O$ M.W. 338.27
PHY89263-20MG, -100MG[†]



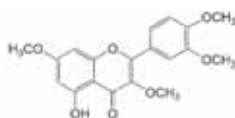
Quercetin 3-gentiobioside **NEW**
CAS No. 7431-83-6
 $C_{27}H_{30}O_{17}$ M.W. 626.53
PHY83533-10MG, -50MG, -100MG[†]



Quercetin 3-glucoside
CAS No. 482-35-9
 $C_{21}H_{20}O_{12}$ M.W. 464.38
PHY89230-20MG, -100MG[†]



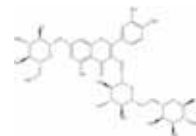
Quercetin 7-glucoside
CAS No. 491-50-9
 $C_{21}H_{20}O_{12}$ M.W. 464.38
PHY82640-10MG, -50MG, -100MG[†]



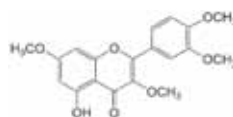
Quercetin 3-glucuronide
CAS No. 22688-79-5
 $C_{21}H_{18}O_{13}$ M.W. 478.37
PHY80349-10MG, -50MG, -100MG[†]



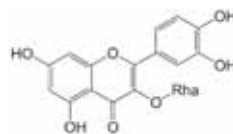
Quercetin 7-rhamnoside **NEW**
CAS No. 22007-72-3
 $C_{21}H_{20}O_{11}$ M.W. 448.38
PHY83534-10MG, -50MG, -100MG[†]



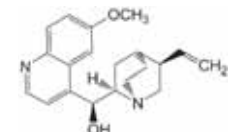
Quercetin 3-rutinoside 7-glucoside **NEW**
CAS No. 30311-61-6
 $C_{33}H_{40}O_{21}$ M.W. 772.67
PHY83535-10MG, -50MG, -100MG[†]



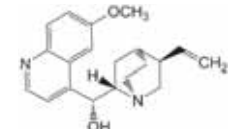
Quercetin 3,3',4',7-tetramethylether
CAS No. 1245-15-4
 $C_{19}H_{18}O_7$ M.W. 358.35
PHY82641-20MG, -100MG[†]



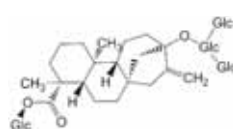
Quercitrin
CAS No. 522-12-3
 $C_{23}H_{20}O_{11}$ M.W. 448.38
PHY89346-20MG, -100MG[†]



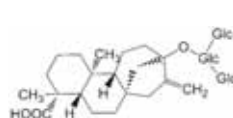
(+)-Quinidine
CAS No. 56-54-2
 $C_{20}H_{24}N_2O_2$ M.W. 324.42
PHY80964-100MG, -500MG, -1000MG[†]



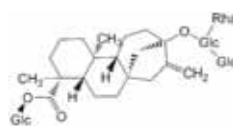
(-)-Quinine
CAS No. 130-95-0
 $C_{20}H_{24}N_2O_2$ M.W. 324.42
PHY80962-100MG, -500MG, -1000MG[†]



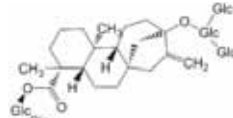
Rebaudioside A
CAS No. 58543-16-1
 $C_{44}H_{70}O_{23}$ M.W. 967.03
PHY80067-20MG, -100MG[†]



Rebaudioside B
CAS No. 58543-17-2
 $C_{38}H_{60}O_{18}$ M.W. 804.89
PHY82396-10MG, -50MG, -100MG[†]



Rebaudioside C
CAS No. 63550-99-2
 $C_{44}H_{70}O_{22}$ M.W. 951.03
PHY82397-10MG, -50MG, -100MG[†]

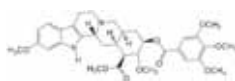


Rebaudioside D
CAS No. 63279-13-0
 $C_{50}H_{80}O_{28}$ M.W. 1129.17
PHY82398-10MG, -50MG, -100MG[†]

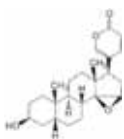
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



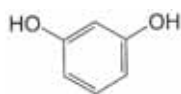
Rebaudioside N
CAS No. 1220616-46-5
 $C_{56}H_{90}O_{32}$ M.W. 1275.31
PHY83218-10MG, -50MG, -100MG[†]



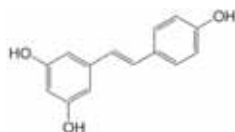
Reserpine
CAS No. 50-55-5
 $C_{33}H_{40}N_2O_9$ M.W. 608.69
PHY82642-50MG, -100MG[†]



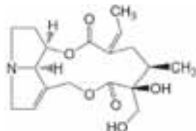
Resibufogenin
CAS No. 465-39-4
 $C_{24}H_{32}O_4$ M.W. 384.52
PHY89774-10MG, -50MG, -100MG[†]



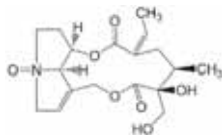
Resorcinol
CAS No. 108-46-3
 $C_6H_6O_2$ M.W. 110.11
PHY82643-100MG, -500MG, -1000MG[†]



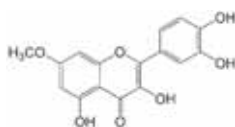
trans-Resveratrol
CAS No. 501-36-0
 $C_{14}H_{12}O_3$ M.W. 228.25
PHY89539-20MG, -100MG[†]



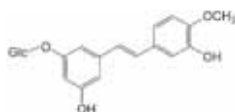
Retrorsine
CAS No. 480-54-6
 $C_{18}H_{25}NO_6$ M.W. 351.40
PHY89775-10MG, -50MG, -100MG[†]



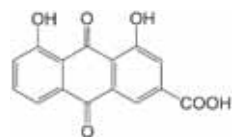
Retrorsine N-oxide
CAS No. 15503-86-3
 $C_{18}H_{25}NO_7$ M.W. 367.40
PHY82630-10MG, -50MG, -100MG[†]



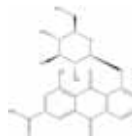
Rhamnetin
CAS No. 90-19-7
 $C_{16}H_{12}O_7$ M.W. 316.27
PHY82644-10MG, -50MG, -100MG[†]



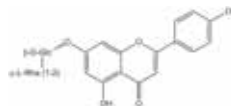
Rhaponticin
CAS No. 155-58-8
 $C_{21}H_{24}O_9$ M.W. 420.42
PHY89776-20MG, -100MG[†]



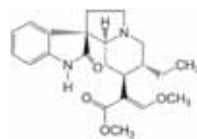
Rhein
CAS No. 478-43-3
 $C_{15}H_8O_8$ M.W. 284.23
PHY89385-20MG, -100MG[†]



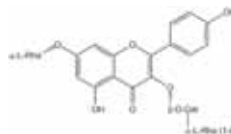
Rhein 8-glucoside NEW
CAS No. 34298-86-7
 $C_{21}H_{18}O_{11}$ M.W. 446.37
PHY83536-10MG, -50MG, -100MG[†]



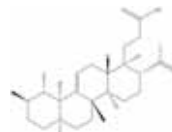
Rhoifolin
CAS No. 17306-46-6
 $C_{27}H_{30}O_{14}$ M.W. 578.53
PHY83302-10MG, -50MG, -100MG[†]



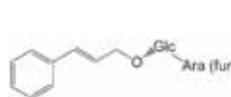
Rhynchophylline
CAS No. 76-66-4
 $C_{22}H_{28}N_2O_4$ M.W. 384.48
PHY80526-10MG, -50MG, -100MG[†]



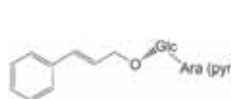
Robinin
CAS No. 301-19-9
 $C_{30}H_{40}O_{19}$ M.W. 740.67
PHY83246-10MG, -50MG, -100MG[†]



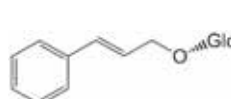
Roburic acid NEW
CAS No. 6812-81-3
 $C_{30}H_{48}O_2$ M.W. 440.71
PHY83537-10MG, -50MG, -100MG[†]



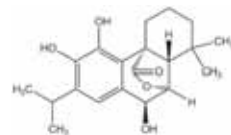
Rosarin
CAS No. 84954-93-8
 $C_{20}H_{28}O_{10}$ M.W. 428.44
PHY89903-10MG, -50MG, -100MG[†]



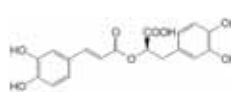
Rosavin
CAS No. 84954-92-7
 $C_{20}H_{28}O_{10}$ M.W. 428.44
PHY89264-10MG, -50MG, -100MG[†]



Rosin
CAS No. 85026-55-7
 $C_{16}H_{20}O_6$ M.W. 296.32
PHY89902-10MG, -50MG, -100MG[†]

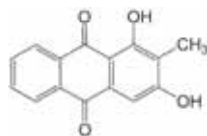


Rosmanol
CAS No. 80225-53-2
 $C_{30}H_{26}O_5$ M.W. 346.42
PHY83268-10MG, -50MG, -100MG[†]

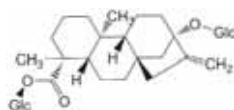


Rosmarinic acid
CAS No. 20283-92-5
 $C_{18}H_{16}O_8$ M.W. 360.32
PHY89266-20MG, -100MG[†]

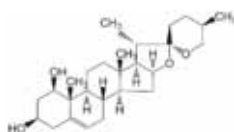
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Rubiadin
CAS No. 117-02-2
 $C_{15}H_{10}O_4$ M.W. 254.24
PHY89267-10MG, -50MG, -100MG[†]



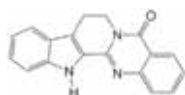
Rubusoside
CAS No. 64849-39-4
 $C_{32}H_{50}O_{13}$ M.W. 642.74
PHY80078-10MG, -50MG, -100MG[†]



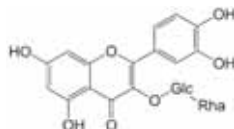
Ruscogenin
CAS No. 472-11-7
 $C_{27}H_{42}O_4$ M.W. 430.63
PHY89268-10MG, -50MG, -100MG[†]



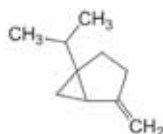
Ruscogenin mixture
CAS No. 50933-59-0
PHY89269-10MG, -50MG, -100MG[†]



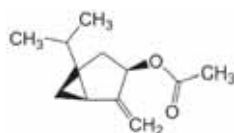
Rutaecarpine
CAS No. 84-26-4
 $C_{18}H_{15}N_3O$ M.W. 287.32
PHY89319-10MG, -50MG, -100MG[†]



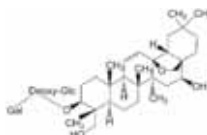
Rutin
CAS No. 153-18-4
 $C_{27}H_{30}O_{16}$ M.W. 610.53
PHY89270-50MG, -100MG[†]



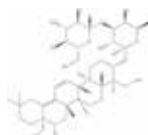
Sabinene
CAS No. 3387-41-5
 $C_{10}H_{16}$ M.W. 136.24
PHY82342-100MG, -500MG, -1000MG[†]



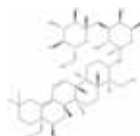
Sabinyl acetate
CAS No. 53833-85-5
 $C_{12}H_{18}O_2$ M.W. 194.27
PHY89271-10MG, -50MG, -100MG[†]



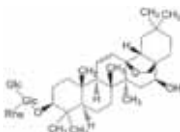
Saikosaponin A
CAS No. 20736-09-8
 $C_{42}H_{68}O_{13}$ M.W. 781.00
PHY89526-10MG, -50MG, -100MG[†]



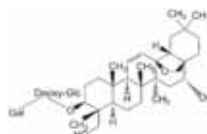
Saikosaponin B1 NEW
CAS No. 58558-08-0
 $C_{42}H_{68}O_{13}$ M.W. 781.00
PHY83538-10MG, -50MG, -100MG[†]



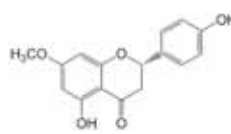
Saikosaponin B2 NEW
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 $C_{42}H_{68}O_{13}$ M.W. 781.00
PHY83539-10MG, -50MG, -100MG[†]



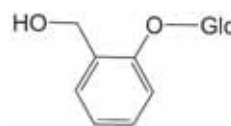
Saikosaponin C
CAS No. 20736-08-7
 $C_{48}H_{78}O_{17}$ M.W. 927.14
PHY89780-10MG, -50MG, -100MG[†]



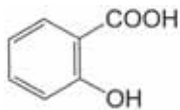
Saikosaponin D
CAS No. 20874-52-6
 $C_{42}H_{68}O_{13}$ M.W. 781.00
PHY89527-10MG, -50MG, -100MG[†]



Sakuranetin
CAS No. 2957-21-3
 $C_{16}H_{14}O_5$ M.W. 286.28
PHY89273-20MG, -100MG[†]



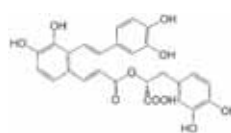
Salicin
CAS No. 138-52-3
 $C_{11}H_{18}O_7$ M.W. 286.28
PHY89782-50MG, -100MG[†]



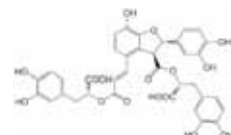
Salicylic acid
CAS No. 69-72-7
 $C_7H_6O_3$ M.W. 138.12
PHY80529-100MG, -500MG, -1000MG[†]



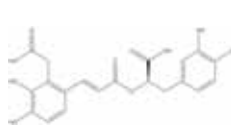
Salidroside
CAS No. 10338-51-9
 $C_{14}H_{20}O_7$ M.W. 300.31
PHY89462-10MG, -50MG, -100MG[†]



Salvianolic acid A
CAS No. 96574-01-5
 $C_{26}H_{22}O_{10}$ M.W. 494.46
PHY80530-10MG, -50MG, -100MG[†]

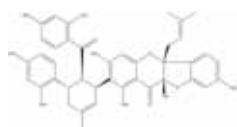


Salvianolic acid B
CAS No. 121521-90-2
 $C_{36}H_{30}O_{16}$ M.W. 718.63
PHY89783-10MG, -50MG, -100MG[†]



Salvianolic acid D NEW
CAS No. 142998-47-8
 $C_{30}H_{18}O_{10}$ M.W. 418.36
PHY83540-10MG, -50MG, -100MG[†]

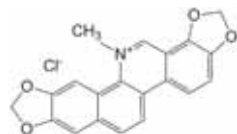
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



Sanggenone C

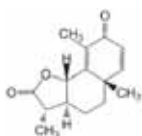
NEW

CAS No. 80651-76-9
C₄₀H₃₆O₁₂ M.W. 708.72
PHY83541-10MG, -50MG, -100MG[†]



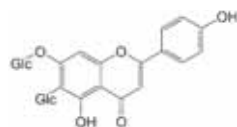
Sanguinarine chloride

CAS No. 5578-73-4
C₂₀H₁₄NO₄Cl M.W. 367.79
PHY89327-10MG, -50MG, -100MG[†]



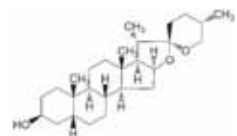
α-Santonin

CAS No. 481-06-1
C₁₅H₁₈O₃ M.W. 246.31
PHY80931-100MG, -500MG, -1000MG[†]



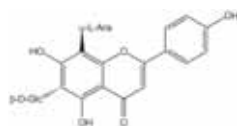
Saponarin

CAS No. 20310-89-8
C₂₇H₃₀O₁₅ M.W. 594.53
PHY89784-10MG, -50MG, -100MG[†]



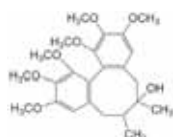
Sarsasapogenin

CAS No. 126-19-2
C₂₇H₄₄O₃ M.W. 416.65
PHY80531-20MG, -100MG[†]



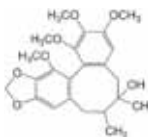
Schaftoside

CAS No. 51938-32-0
C₂₆H₂₈O₁₄ M.W. 564.50
PHY83325-10MG, -50MG, -100MG[†]



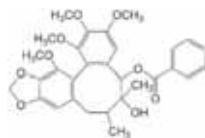
Schisandrol A

CAS No. 7432-28-2
C₂₄H₃₂O₇ M.W. 432.52
PHY89885-10MG, -50MG, -100MG[†]



Schisandrol B

CAS No. 58546-54-6
C₂₃H₂₈O₇ M.W. 416.47
PHY80206-10MG, -50MG, -100MG[†]



Schisantherin A

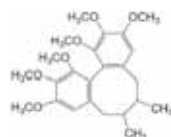
CAS No. 58546-56-8
C₃₀H₃₂O₉ M.W. 536.58
PHY89316-10MG, -50MG, -100MG[†]



Schisantherin B

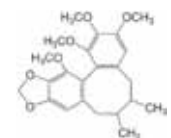
NEW

CAS No. 58546-55-7
C₂₈H₃₄O₉ M.W. 514.57
PHY83542-10MG, -50MG, -100MG[†]



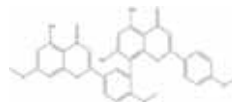
Schizandrin A

CAS No. 61281-38-7
C₂₄H₃₂O₈ M.W. 416.52
PHY89785-10MG, -50MG, -100MG[†]



Schizandrin B

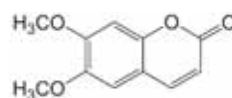
CAS No. 61281-37-6
C₂₃H₂₈O₈ M.W. 400.47
PHY89786-10MG, -50MG, -100MG[†]



Sciadopitysin

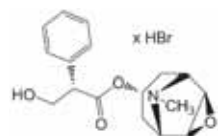
NEW

CAS No. 521-34-6
C₃₃H₂₄O₁₀ M.W. 580.55
PHY83543-10MG, -50MG, -100MG[†]



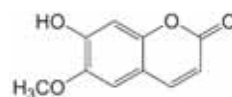
Scoparone

CAS No. 120-08-1
C₁₁H₁₀O₄ M.W. 206.20
PHY89787-10MG, -50MG, -100MG[†]



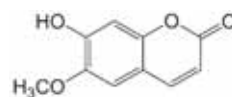
Scopolamine HBr

CAS No. 114-49-8
C₁₇H₂₁NO₃ · HBr M.W. 384.27
PHY80046-50MG, -100MG[†]



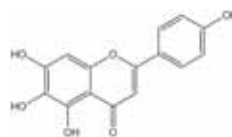
Scopoletin

CAS No. 92-61-5
C₁₀H₈O₄ M.W. 192.17
PHY89516-50MG, -100MG[†]



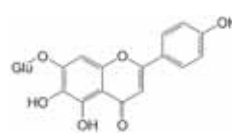
Scopolin

CAS No. 531-44-2
C₁₆H₁₈O₉ M.W. 354.31
PHY82649-10MG, -50MG, -100MG[†]



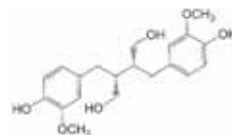
Scutellarein

CAS No. 529-53-3
C₁₆H₁₀O₆ M.W. 286.24
PHY83283-10MG, -50MG, -100MG[†]



Scutellarin

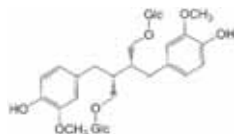
CAS No. 27740-01-8
C₂₁H₁₈O₁₂ M.W. 462.37
PHY89788-10MG, -50MG, -100MG[†]



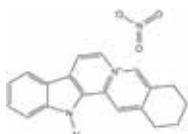
(-)-Secoisolariciresinol

CAS No. 29388-59-8
C₂₀H₂₆O₈ M.W. 362.42
PHY80532-10MG, -50MG, -100MG[†]

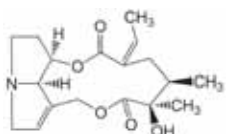
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



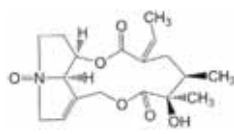
Secoisolariciresinol diglucoside
CAS No. 158932-33-3
 $C_{32}H_{46}O_{16}$ M.W. 686.71
PHY80533-10MG, -50MG, -100MG[†]



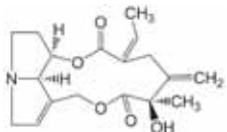
Sempervirine nitrate
CAS No. 17994-15-9
 $C_{19}H_{17}N_2^+ \cdot NO_3^-$ M.W. 335.36
PHY83105-10MG, -50MG, -100MG[†]



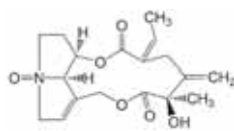
Senecionine
CAS No. 130-01-8
 $C_{18}H_{25}NO_5$ M.W. 335.40
PHY89789-10MG, -50MG, -100MG[†]



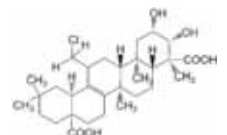
Senecionine N-oxide
CAS No. 13268-67-2
 $C_{18}H_{25}NO_6$ M.W. 351.40
PHY82631-5MG, -10MG[†]



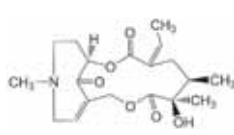
Seneciphylline
CAS No. 480-81-9
 $C_{18}H_{25}NO_5$ M.W. 333.39
PHY89275-10MG, -50MG, -100MG[†]



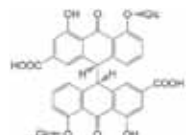
Seneciphylline N-oxide
CAS No. 38710-26-8
 $C_{18}H_{23}NO_6$ M.W. 349.38
PHY82632-5MG, -10MG[†]



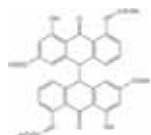
Senegenin
CAS No. 2469-34-3
 $C_{30}H_{46}O_6Cl$ M.W. 537.14
PHY82650-10MG, -50MG, -100MG[†]



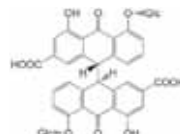
Senkirkin
CAS No. 2318-18-5
 $C_{19}H_{27}NO_6$ M.W. 365.43
PHY89274-10MG, -50MG, -100MG[†]



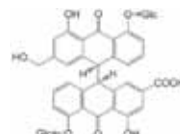
Sennoside A
CAS No. 81-27-6
 $C_{42}H_{38}O_{20}$ M.W. 862.75
PHY89276-20MG, -100MG[†]



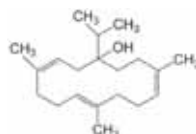
Sennoside A1
CAS No. 66575-30-2
 $C_{42}H_{38}O_{20}$ M.W. 862.75
PHY83247-10MG, -50MG, -100MG[†]



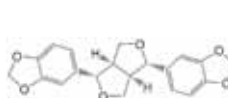
Sennoside B
CAS No. 128-57-4
 $C_{42}H_{38}O_{20}$ M.W. 862.75
PHY89277-20MG, -100MG[†]



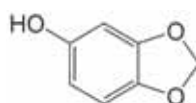
Sennoside C
CAS No. 37271-16-2
 $C_{42}H_{40}O_{19}$ M.W. 848.77
PHY80534-10MG, -50MG, -100MG[†]



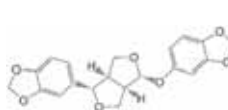
Serratol
CAS No. 67814-27-1
 $C_{20}H_{34}O$ M.W. 290.49
PHY89884-10MG, -50MG, -100MG[†]



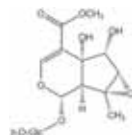
Sesamin
CAS No. 607-80-7
 $C_{20}H_{18}O_6$ M.W. 354.36
PHY89790-10MG, -50MG, -100MG[†]



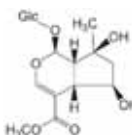
Sesamol
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 $C_7H_6O_3$ M.W. 138.12
PHY80111-50MG, -100MG[†]



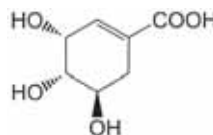
Sesamolin
CAS No. 526-07-8
 $C_{20}H_{18}O_7$ M.W. 370.36
PHY80311-10MG, -50MG, -100MG[†]



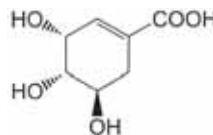
Sesamoside
CAS No. 117479-87-5
 $C_{17}H_{24}O_{12}$ M.W. 420.37
PHY83340-10MG, -50MG, -100MG[†]



Shanzhiside methyl ester
CAS No. 64421-28-9
 $C_{17}H_{26}O_{11}$ M.W. 406.39
PHY82651-10MG, -50MG, -100MG[†]

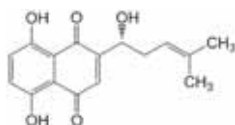


Shatavarin IV
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 $C_{45}H_{74}O_{17}$ M.W. 887.08
PHY80536-10MG, -50MG, -100MG[†]

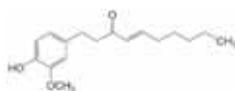


Shikimic acid
CAS No. 138-59-0
 $C_7H_{10}O_6$ M.W. 174.15
PHY80019-50MG, -100MG[†]

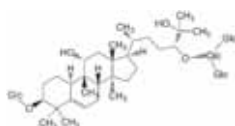
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



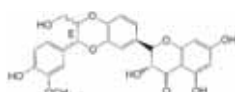
Shikonin
CAS No. 517-89-5
 $C_{16}H_{16}O_5$ M.W. 288.30
PHY89791-10MG, -50MG, -100MG[†]



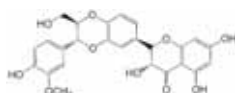
6-Shogaol
CAS No. 555-66-8
 $C_{17}H_{24}O_3$ M.W. 276.38
PHY89792-10MG, -50MG, -100MG[†]



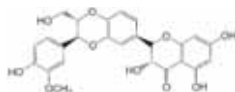
Siamenoside I
CAS No. 126105-12-2
 $C_{54}H_{92}O_{24}$ M.W. 1125.31
PHY82652-10MG, -50MG, -100MG[†]



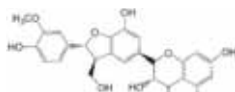
Silybin (A + B mixture)
CAS No. 36804-17-8
 $C_{25}H_{22}O_{10}$ M.W. 482.44
PHY89280-25MG[†]



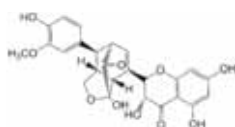
Silybin A
CAS No. 22888-70-6
 $C_{25}H_{22}O_{10}$ M.W. 482.44
PHY82653-10MG, -50MG, -100MG[†]



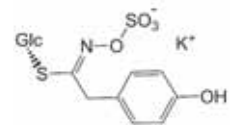
Silybin B
CAS No. 142797-34-0
 $C_{25}H_{22}O_{10}$ M.W. 482.44
PHY82654-10MG, -50MG, -100MG[†]



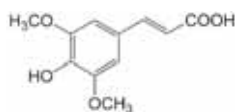
Silychristin
CAS No. 33889-69-9
 $C_{25}H_{22}O_{10}$ M.W. 482.44
PHY89281-10MG, -50MG, -100MG[†]



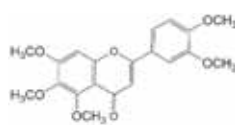
Silydianin
CAS No. 29782-68-1
 $C_{25}H_{22}O_{10}$ M.W. 482.44
PHY89282-10MG, -50MG, -100MG[†]



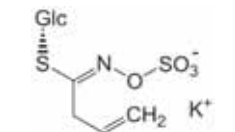
Sinalbin potassium salt
CAS No. 16411-05-5
 $C_{14}H_{18}NO_5S_2K$ M.W. 463.52
PHY89793-10MG, -50MG, -100MG[†]



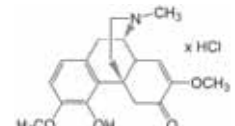
trans-Sinapic acid
CAS No. 7362-37-0
 $C_{11}H_{12}O_5$ M.W. 224.21
PHY80007-100MG, -500MG, -1000MG[†]



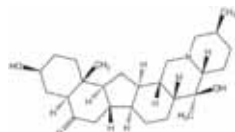
Sinensetin
CAS No. 2306-27-6
 $C_{20}H_{20}O_7$ M.W. 372.38
PHY89278-10MG, -50MG, -100MG[†]



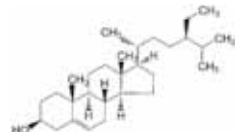
Sinigrin potassium salt
CAS No. 3952-98-5
 $C_{10}H_{16}NO_5S_2K$ M.W. 397.47
PHY89279-25MG[†]



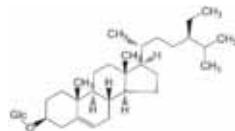
Sinomenine HCl
CAS No. 6080-33-7
 $C_{19}H_{23}NO_4 \cdot HCl$ M.W. 365.86
PHY89794-10MG, -50MG, -100MG[†]



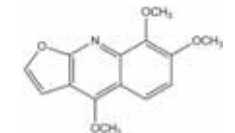
Sipeimine
CAS No. 61825-98-7
 $C_{27}H_{43}NO_3$ M.W. 429.65
PHY89851-10MG, -50MG, -100MG[†]



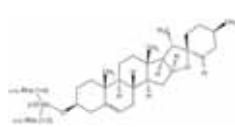
β-Sitosterol
CAS No. 83-46-5
 $C_{27}H_{48}O$ M.W. 414.72
PHY89283-25MG[†]



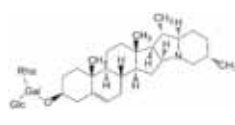
β-Sitosterol-D-glucoside
CAS No. 474-58-8
 $C_{35}H_{60}O_8$ M.W. 576.86
PHY80538-10MG, -50MG, -100MG[†]



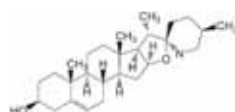
Skimmianine
CAS No. 83-95-4
 $C_{14}H_{13}NO_4$ M.W. 259.26
PHY82838-10MG, -50MG, -100MG[†]



α-Solamargine
CAS No. 20311-51-7
 $C_{45}H_{73}NO_{15}$ M.W. 868.08
PHY83270-10MG, -50MG, -100MG[†]

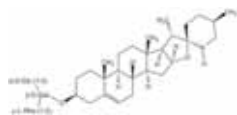


α-Solanine
CAS No. 20562-02-1
 $C_{45}H_{73}NO_{15}$ M.W. 868.08
PHY80074-10MG, -50MG, -100MG[†]

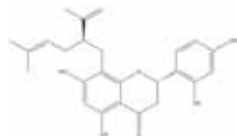


Solasodine
CAS No. 126-17-0
 $C_{27}H_{43}NO_3$ M.W. 413.65
PHY80004-10MG, -50MG, -100MG[†]

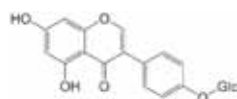
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



α -Solasonine
CAS No. 19121-58-5
 $C_{45}H_{73}NO_{16}$ M.W. 884.07
PHY83271-10MG, -50MG, -100MG[†]



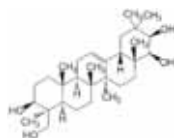
Sophoraflavanone G NEW
CAS No. 97938-30-2
 $C_{25}H_{26}O_6$ M.W. 424.50
PHY83544-10MG, -50MG, -100MG[†]



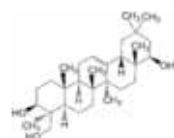
Sophoricoside
CAS No. 152-95-4
 $C_{21}H_{20}O_{10}$ M.W. 432.38
PHY89795-10MG, -50MG, -100MG[†]



Sorbic acid
CAS No. 110-44-1
 $C_6H_8O_2$ M.W. 112.13
PHY80020-100MG, -500MG, -1000MG[†]



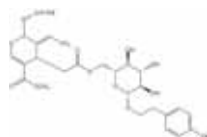
Soyasapogenol A
CAS No. 508-01-0
 $C_{30}H_{50}O_4$ M.W. 474.73
PHY89796-10MG, -50MG, -100MG[†]



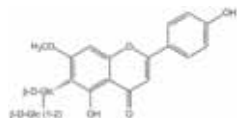
Soyasapogenol B
CAS No. 595-15-3
 $C_{30}H_{50}O_3$ M.W. 458.73
PHY89797-10MG, -50MG, -100MG[†]



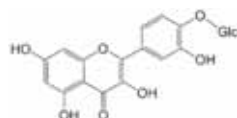
Soyasaponin Bb NEW
CAS No. 51330-27-9
 $C_{48}H_{78}O_{18}$ M.W. 943.14
PHY83545-10MG, -50MG, -100MG[†]



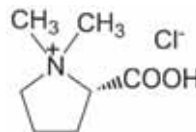
Specnuezhenide
CAS No. 202586-63-8
 $C_{31}H_{42}O_{17}$ M.W. 686.67
PHY83301-10MG, -50MG, -100MG[†]



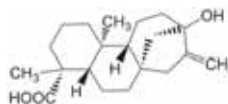
Spinosine
CAS No. 72063-39-9
 $C_{28}H_{32}O_{15}$ M.W. 608.55
PHY83284-10MG, -50MG, -100MG[†]



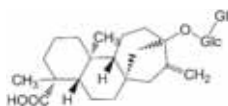
Spiraeside
CAS No. 20229-56-5
 $C_{21}H_{20}O_{12}$ M.W. 464.38
PHY89798-10MG, -50MG, -100MG[†]



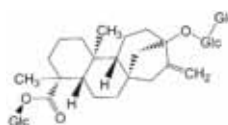
Stachydrine chloride
CAS No. 4136-37-2
 $C_7H_{14}NO_2Cl$ M.W. 179.65
PHY89799-25MG[†]



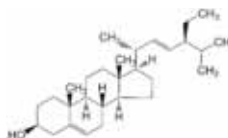
Steviol
CAS No. 471-80-7
 $C_{30}H_{50}O_3$ M.W. 318.46
PHY82262-20MG, -100MG[†]



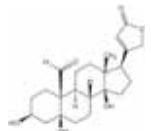
Steviolbioside
CAS No. 41093-60-1
 $C_{32}H_{50}O_{13}$ M.W. 642.74
PHY82399-10MG, -50MG, -100MG[†]



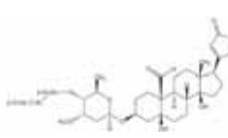
Stevioside
CAS No. 57817-89-7
 $C_{36}H_{60}O_{18}$ M.W. 804.89
PHY89800-20MG, -100MG[†]



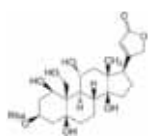
Stigmasterol
CAS No. 83-48-7
 $C_{29}H_{48}O$ M.W. 412.70
PHY82658-100MG, -500MG, -1000MG[†]



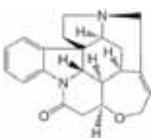
Strophanthidine
CAS No. 66-28-4
 $C_{23}H_{32}O_6$ M.W. 404.50
PHY83215-20MG, -100MG[†]



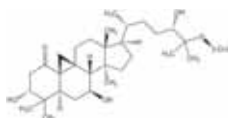
k-Strophanthoside
CAS No. 33279-57-1
 $C_{27}H_{44}O_{19}$ M.W. 872.96
PHY82206-10MG, -50MG, -100MG[†]



g-Strophanthin
CAS No. 630-60-4
 $C_{26}H_{44}O_{12}$ M.W. 584.66
PHY80207-20MG, -100MG[†]

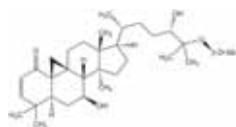


Strychnin
CAS No. 57-24-9
 $C_{21}H_{22}N_2O_2$ M.W. 334.42
PHY89801-100MG, -500MG, -1000MG[†]

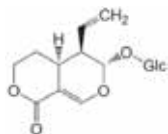


Sutherlandioside B
CAS No. 1055329-47-9
 $C_{36}H_{60}O_{10}$ M.W. 652.87
PHY83248-10MG, -50MG, -100MG[†]

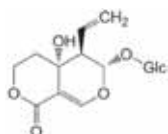
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



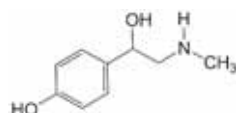
Sutherlandioside D
CAS No. 1055329-49-1
 $C_{36}H_{59}O_9$ M.W. 634.85
PHY83249-10MG, -50MG, -100MG[†]



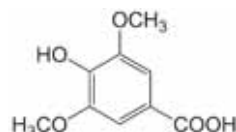
Sweroside
CAS No. 14215-86-2
 $C_{16}H_{22}O_9$ M.W. 358.35
PHY89802-10MG, -50MG, -100MG[†]



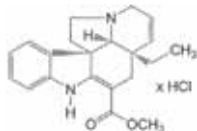
Swertiamarine
CAS No. 17388-39-5
 $C_{16}H_{22}O_{10}$ M.W. 374.35
PHY89513-10MG, -50MG, -100MG[†]



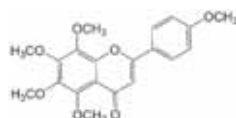
Synephrine
CAS No. 94-07-5
 $C_9H_{13}NO_2$ M.W. 167.21
PHY89386-100MG, -500MG, -1000MG[†]



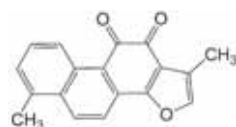
Syringic acid
CAS No. 530-57-4
 $C_9H_{10}O_5$ M.W. 198.18
PHY82659-100MG, -500MG, -1000MG[†]



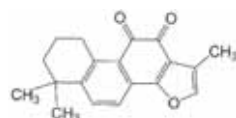
Tabersonine HCl
CAS No. 4429-63-4
 $C_{21}H_{24}N_2O_2 \cdot HCl$ M.W. 372.89
PHY80541-10MG, -50MG, -100MG[†]



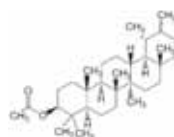
Tangeretin
CAS No. 481-53-8
 $C_{20}H_{20}O_7$ M.W. 372.38
PHY89803-20MG, -100MG[†]



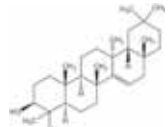
Tanshinone I
CAS No. 568-73-0
 $C_{18}H_{12}O_3$ M.W. 276.29
PHY89804-10MG, -50MG, -100MG[†]



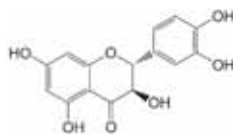
Tanshinone IIA
CAS No. 568-72-9
 $C_{19}H_{18}O_3$ M.W. 294.35
PHY89320-10MG, -50MG, -100MG[†]



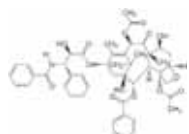
Taraxasterol acetate
CAS No. 6426-43-3
 $C_{32}H_{52}O_2$ M.W. 468.77
PHY80542[†]



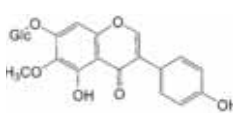
3β-Taraxerol
CAS No. 127-22-0
 $C_{30}H_{50}O$ M.W. 426.73
PHY83262-10MG, -50MG, -100MG[†]



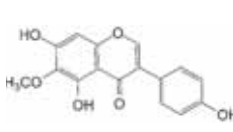
(+)-Taxifolin
CAS No. 480-18-2
 $C_{15}H_{12}O_7$ M.W. 304.26
PHY89284-20MG, -100MG[†]



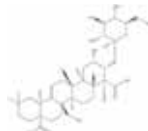
Taxol
CAS No. 33069-62-4
 $C_{47}H_{51}NO_{14}$ M.W. 853.92
PHY89806-10MG, -50MG, -100MG[†]



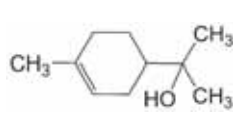
Tectoridin
CAS No. 611-40-5
 $C_{22}H_{22}O_{11}$ M.W. 462.41
PHY80543-10MG, -50MG, -100MG[†]



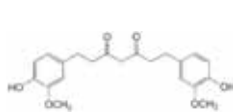
Tectorigenin
CAS No. 548-77-6
 $C_{16}H_{12}O_6$ M.W. 300.27
PHY80544-10MG, -50MG, -100MG[†]



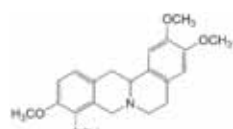
Tenuifolin NEW
CAS No. 20183-47-5
 $C_{36}H_{56}O_{12}$ M.W. 680.84
PHY83546-10MG, -50MG, -100MG[†]



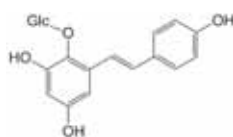
α-Terpineol
CAS No. 98-55-5
 $C_{10}H_{18}O$ M.W. 154.25
PHY89872-100MG, -500MG, -1000MG[†]



Tetrahydrocurcumin
CAS No. 36062-04-1
 $C_{21}H_{24}O_6$ M.W. 372.42
PHY82665-10MG, -50MG, -100MG[†]

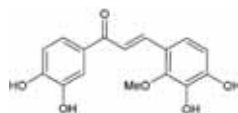


Tetrahydropalmatine
CAS No. 2934-97-6
 $C_{21}H_{25}NO_4$ M.W. 355.44
PHY89807-25MG[†]



2,3,4',5-Tetrahydroxystilbene 2-glucoside
CAS No. 82373-94-2
 $C_{20}H_{22}O_9$ M.W. 406.39
PHY82666-10MG, -50MG, -100MG[†]

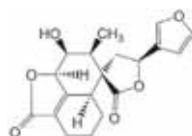
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



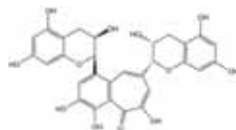
3,3',4,4'-Tetrahydroxy-2-methoxychalcone
CAS No. 197227-39-7
 $C_{16}H_{14}O_6$ M.W. 302.28
PHY83251-10MG, -50MG, -100MG[†]



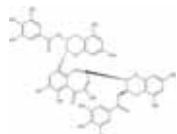
Tetrandrine
CAS No. 518-34-3
 $C_{38}H_{42}N_2O_8$ M.W. 622.76
PHY89321-20MG, -100MG[†]



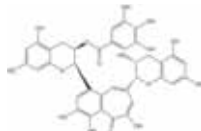
Teucrin A
CAS No. 12798-51-5
 $C_{18}H_{20}O_6$ M.W. 344.37
PHY89285-10MG, -50MG, -100MG[†]



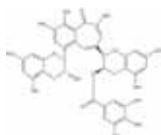
Theaflavin
CAS No. 4670-05-7
 $C_{29}H_{26}O_{12}$ M.W. 564.50
PHY83341-10MG, -50MG, -100MG[†]



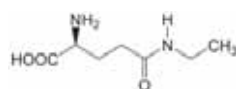
Theaflavin 3,3'-digallate
CAS No. 30462-35-2
 $C_{43}H_{30}O_{20}$ M.W. 868.72
PHY83344-10MG, -50MG, -100MG[†]



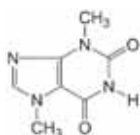
Theaflavin 3'-gallate
CAS No. 28543-07-9
 $C_{36}H_{28}O_{16}$ M.W. 716.61
PHY83343-10MG, -50MG, -100MG[†]



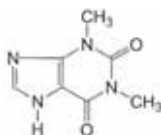
Theaflavin 3-gallate
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 $C_{36}H_{28}O_{16}$ M.W. 716.61
PHY83342-10MG, -50MG, -100MG[†]



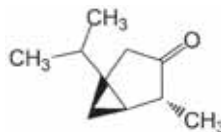
L-Theanine
CAS No. 3081-61-6
 $C_7H_{14}N_2O_3$ M.W. 174.20
PHY82213-20MG, -100MG[†]



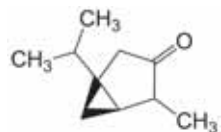
Theobromine
CAS No. 83-67-0
 $C_7H_8N_4O_2$ M.W. 180.17
PHY89808-100MG, -500MG, -1000MG[†]



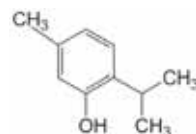
Theophylline
CAS No. 58-55-9
 $C_7H_8N_4O_2$ M.W. 180.17
PHY82668-100MG, -500MG, -1000MG[†]



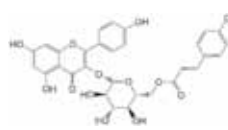
(-)-α-Thujone
CAS No. 546-80-5
 $C_{10}H_{16}O$ M.W. 152.24
PHY89286-100MG, -500MG, -1000MG[†]



α,β-Thujone
CAS No. 76231-76-0
 $C_{10}H_{16}O$ M.W. 152.24
PHY82669-100MG, -500MG, -1000MG[†]



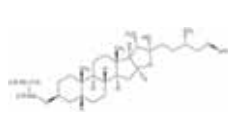
Thymol
CAS No. 89-83-8
 $C_{10}H_{14}O$ M.W. 150.22
PHY89287-100MG, -500MG, -1000MG[†]



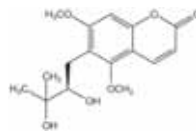
Tiliroside
CAS No. 20316-62-5
 $C_{30}H_{26}O_{13}$ M.W. 594.53
PHY89809-10MG, -50MG, -100MG[†]



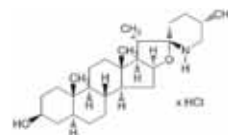
Timosaponin A-III
CAS No. 41059-79-4
 $C_{50}H_{64}O_{13}$ M.W. 740.93
PHY80545-10MG, -50MG, -100MG[†]



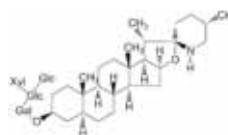
Timosaponin B II
CAS No. 136656-07-0
 $C_{45}H_{76}O_{19}$ M.W. 921.09
PHY83272-10MG, -50MG, -100MG[†]



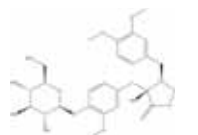
Toddalolactone
CAS No. 483-90-9
 $C_{16}H_{20}O_6$ M.W. 308.33
PHY83291-10MG, -50MG, -100MG[†]



Tomatidine HCl
CAS No. 6192-62-7
 $C_{27}H_{45}NO_3 \cdot HCl$ M.W. 452.12
PHY80003-20MG, -100MG[†]

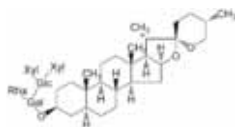


Tomatine
CAS No. 17406-45-0
 $C_{50}H_{83}NO_{21}$ M.W. 1034.21
PHY89905-25MG[†]

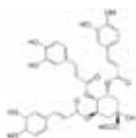


Tracheloside NEW
CAS No. 33464-71-0
 $C_{27}H_{34}O_{12}$ M.W. 550.56
PHY83547-10MG, -50MG, -100MG[†]

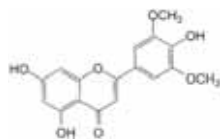
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



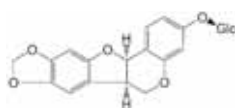
Tribulosin
CAS No. 79974-46-2
 $C_{55}H_{90}O_{25}$ M.W. 1151.31
PHY80546-10MG, -50MG, -100MG†



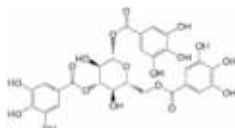
3,4,5-Tricaffeoylquinic acid
CAS No. 86632-03-3
 $C_{34}H_{30}O_{15}$ M.W. 678.60
PHY82672-10MG, -50MG, -100MG†



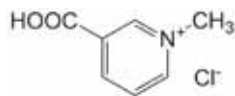
Tricin
CAS No. 520-32-1
 $C_{17}H_{14}O_7$ M.W. 330.29
PHY80987-10MG, -50MG, -100MG†



Trifolirhizin
CAS No. 6807-83-6
 $C_{22}H_{22}O_{10}$ M.W. 446.41
PHY80547-10MG, -50MG, -100MG†



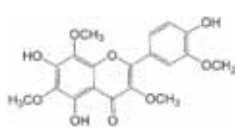
1,3,6-Trigalloyl-beta-D-glucose
CAS No. 18483-17-5
 $C_{27}H_{24}O_{18}$ M.W. 636.48
PHY80631-10MG, -50MG, -100MG†



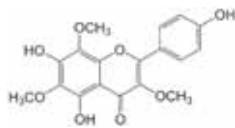
Trigonelline chloride
CAS No. 6138-41-6
 $C_7H_8NO_2Cl$ M.W. 173.60
PHY80548-25MG†



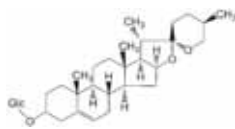
Trigoneoside IVa
CAS No. 205760-54-9
 $C_{51}H_{84}O_{23}$ M.W. 1065.22
PHY82673-10MG, -50MG, -100MG†



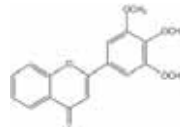
4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone
CAS No. 58130-91-9
 $C_{19}H_{18}O_9$ M.W. 390.35
PHY82674-10MG, -50MG, -100MG†



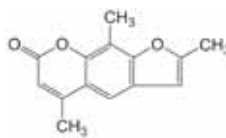
4',5,7-Trihydroxy 3,6,8-trimethoxyflavone
CAS No. 57393-71-2
 $C_{18}H_{16}O_8$ M.W. 360.32
PHY82675-10MG, -50MG, -100MG†



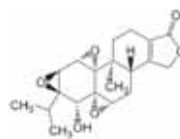
Trillin
CAS No. 14144-06-0
 $C_{33}H_{52}O_8$ M.W. 576.77
PHY89810-10MG, -50MG, -100MG†



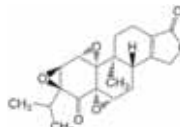
3',4',5'-Trimethoxyflavone
CAS No. 67858-30-4
 $C_{18}H_{16}O_5$ M.W. 312.32
PHY83054-10MG, -50MG, -100MG†



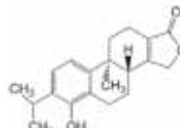
Trioxsalen
CAS No. 3902-71-4
 $C_{14}H_{12}O_3$ M.W. 228.25
PHY80322-50MG, -100MG†



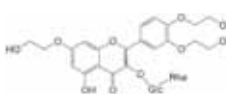
Triptolide
CAS No. 38748-32-2
 $C_{20}H_{24}O_6$ M.W. 360.41
PHY89811-10MG, -50MG, -100MG†



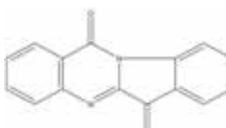
Triptonide
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 $C_{20}H_{22}O_6$ M.W. 358.39
PHY89812-10MG, -50MG, -100MG†



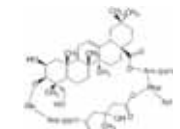
Triptophenolide
CAS No. 74285-86-2
 $C_{20}H_{24}O_3$ M.W. 312.41
PHY89813-10MG, -50MG, -100MG†



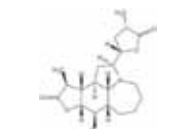
Tris-O-(2-hydroxyethyl)rutin
CAS No. 7085-55-4
 $C_{33}H_{42}O_{19}$ M.W. 742.69
PHY80250-20MG, -100MG†



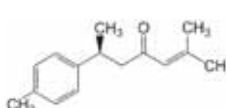
Tryptanthrine NEW
CAS No. 13220-57-0
 $C_{15}H_8N_2O_2$ M.W. 248.24
PHY83458-10MG, -50MG, -100MG†



Tubeimoside I
CAS No. 102040-03-9
 $C_{63}H_{98}O_{29}$ M.W. 1319.46
PHY80550-10MG, -50MG, -100MG†

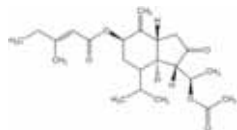


Tuberostemonine
CAS No. 6879-01-2
 $C_{22}H_{33}NO_4$ M.W. 375.51
PHY83300-10MG, -50MG, -100MG†

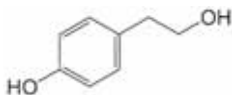


ar-Turmerone
CAS No. 532-65-0
 $C_{15}H_{20}O$ M.W. 216.32
PHY80551-10MG, -50MG, -100MG†

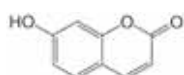
†distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



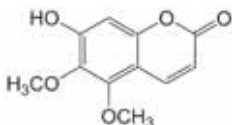
Tussilagone
CAS No. 104012-37-5
 $C_{23}H_{32}O_5$ M.W. 390.52
PHY83299-10MG, -50MG, -100MG[†]



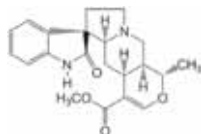
Tyrosol
CAS No. 501-94-0
 $C_8H_{10}O_2$ M.W. 138.17
PHY80166-20MG, -100MG[†]



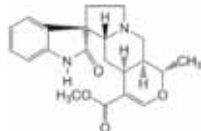
Umbelliferone
CAS No. 93-35-6
 $C_9H_6O_3$ M.W. 162.15
PHY80098-100MG, -500MG, -1000MG[†]



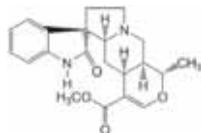
Umckalin
CAS No. 43053-62-9
 $C_{11}H_{10}O_5$ M.W. 222.20
PHY80144-5MG, -10MG[†]



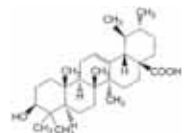
Uncarine C
CAS No. 5629-60-7
 $C_{21}H_{24}N_2O_4$ M.W. 368.43
PHY89814-10MG, -50MG, -100MG[†]



Uncarine D
CAS No. 4697-68-1
 $C_{21}H_{24}N_2O_4$ M.W. 368.43
PHY89815-10MG, -50MG, -100MG[†]



Uncarine E
CAS No. 5171-37-9
 $C_{21}H_{24}N_2O_4$ M.W. 368.43
PHY89816-10MG, -50MG, -100MG[†]



Ursolic acid
CAS No. 77-52-1
 $C_{30}H_{48}O_3$ M.W. 456.71
PHY89541-25MG[†]



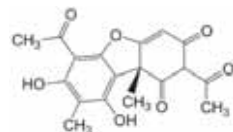
Urushiol (15:1)
CAS No. 35237-02-6
 $C_{21}H_{34}O_2$ M.W. 318.50
PHY80180-10MG, -50MG, -100MG[†]



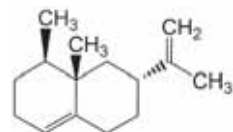
Urushiol (15:2)
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 $C_{21}H_{32}O_2$ M.W. 316.49
PHY80181-10MG, -50MG, -100MG[†]



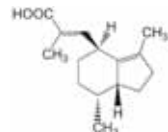
Urushiol (15:3)
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PHY80182-10MG, -50MG, -100MG[†]



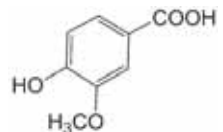
(+)-Usnic acid
CAS No. 7562-61-0
 $C_{18}H_{16}O_7$ M.W. 344.32
PHY89818-100MG, -500MG, -1000MG[†]



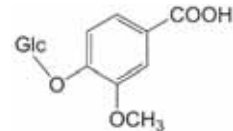
Valencene
CAS No. 4630-07-3
 $C_{15}H_{24}$ M.W. 204.36
PHY82677[†]



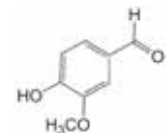
Valerenic acid
CAS No. 3569-10-6
 $C_{16}H_{22}O_2$ M.W. 234.34
PHY89288-10MG, -50MG, -100MG[†]



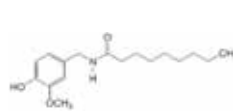
Vanillic acid
CAS No. 121-34-6
 $C_8H_8O_4$ M.W. 168.15
PHY89819-100MG, -500MG, -1000MG[†]



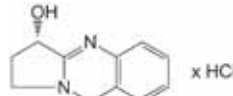
Vanillic acid 4-β-D-glucoside
CAS No. 32142-31-7
 $C_{14}H_{18}O_9$ M.W. 330.29
PHY89856-10MG, -50MG, -100MG[†]



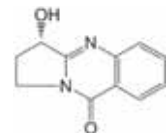
Vanillin
CAS No. 121-33-5
 $C_8H_8O_3$ M.W. 152.15
PHY82678-100MG, -500MG, -1000MG[†]



N-Vanillylnonamide
CAS No. 2444-46-4
 $C_{17}H_{27}NO_3$ M.W. 293.41
PHY89820-25MG[†]

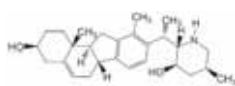


Vasicine HCl
CAS No. 7174-27-8
 $C_{11}H_{12}N_2O \cdot HCl$ M.W. 224.69
PHY89821-10MG, -50MG, -100MG[†]

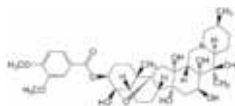


Vasicinone
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PHY80552-10MG, -50MG, -100MG[†]

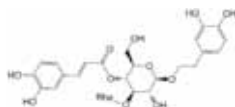
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



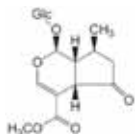
Veratramine
CAS No. 60-70-8
 $C_{27}H_{39}NO_2$ M.W. 409.61
PHY82679-10MG, -50MG, -100MG[†]



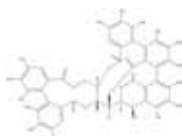
Veratridine
CAS No. 71-62-5
 $C_{36}H_{27}NO_{11}$ M.W. 673.80
PHY82325-10MG, -50MG, -100MG[†]



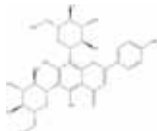
Verbascoside
CAS No. 61276-17-3
 $C_{29}H_{36}O_{15}$ M.W. 624.60
PHY89289-10MG, -50MG, -100MG[†]



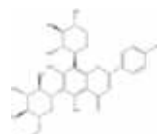
Verbenalin
CAS No. 548-37-8
 $C_{17}H_{22}O_{10}$ M.W. 388.37
PHY89822-10MG, -50MG, -100MG[†]



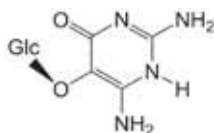
Vescalagin **NEW**
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 $C_{41}H_{26}O_{26}$ M.W. 934.64
PHY83548-5MG, -10MG[†]



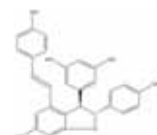
Vicenin II **NEW**
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 $C_{27}H_{30}O_{15}$ M.W. 594.53
PHY83000-10MG, -50MG, -100MG[†]



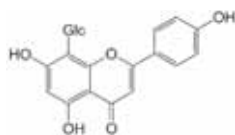
Vicenin III **NEW**
CAS No. 59914-91-9
 $C_{26}H_{28}O_{14}$ M.W. 564.50
PHY83549-10MG, -50MG, -100MG[†]



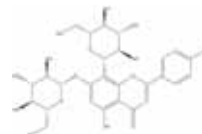
Vicine
CAS No. 152-93-2
 $C_{10}H_{16}N_4O_7$ M.W. 304.26
PHY82680-10MG, -50MG, -100MG[†]



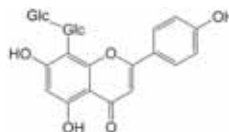
e-Viniferin **NEW**
CAS No. 62218-08-0
 $C_{28}H_{22}O_6$ M.W. 454.48
PHY83550-10MG, -50MG, -100MG[†]



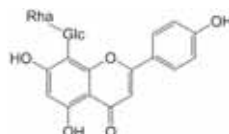
Vitexin
CAS No. 3681-93-4
 $C_{21}H_{26}O_{10}$ M.W. 432.38
PHY89290-10MG, -50MG, -100MG[†]



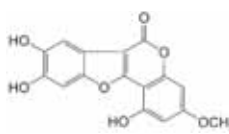
Vitexin 7-glucoside **NEW**
CAS No. 35109-95-6
 $C_{27}H_{30}O_{15}$ M.W. 594.53
PHY83551-10MG, -50MG, -100MG[†]



Vitexin 4''-O-glucoside
CAS No. 178468-00-3
 $C_{27}H_{30}O_{15}$ M.W. 594.53
PHY82682-10MG, -50MG, -100MG[†]



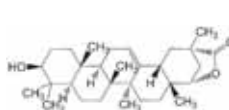
Vitexin 2''-rhamnoside
CAS No. 64820-99-1
 $C_{27}H_{30}O_{14}$ M.W. 578.53
PHY89291-10MG, -50MG, -100MG[†]



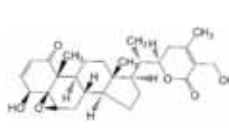
Wedelolactone
CAS No. 524-12-9
 $C_{16}H_{10}O_7$ M.W. 314.25
PHY89823-10MG, -50MG, -100MG[†]



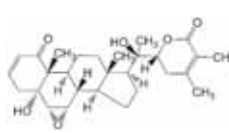
Wilforine
CAS No. 11088-09-8
 $C_{41}H_{49}NO_{18}$ M.W. 867.86
PHY83298-10MG, -50MG, -100MG[†]



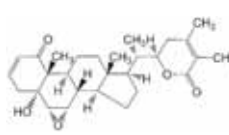
Wilforlide A
CAS No. 84104-71-2
 $C_{30}H_{46}O_3$ M.W. 454.70
PHY80555-10MG, -50MG, -100MG[†]



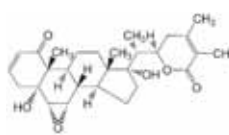
Withaferin A
CAS No. 5119-48-2
 $C_{26}H_{38}O_6$ M.W. 470.61
PHY89824-10MG, -50MG, -100MG[†]



Withanolide A
CAS No. 32911-62-9
 $C_{26}H_{38}O_6$ M.W. 470.61
PHY80556-10MG, -50MG, -100MG[†]

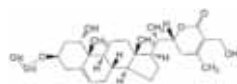


Withanolide B
CAS No. 56973-41-2
 $C_{28}H_{38}O_5$ M.W. 454.61
PHY80557-10MG, -50MG, -100MG[†]

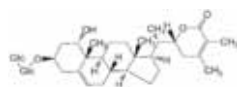


Withanone
CAS No. 27570-38-3
 $C_{26}H_{38}O_6$ M.W. 470.61
PHY82683-10MG, -50MG, -100MG[†]

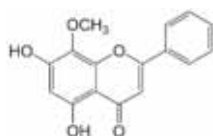
[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA



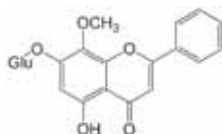
Withanoside IV
CAS No. 362472-81-9
 $C_{40}H_{62}O_{15}$ M.W. 782.93
PHY80632-10MG, -50MG, -100MG[†]



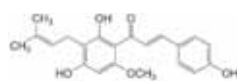
Withanoside V
CAS No. 256520-90-8
 $C_{40}H_{62}O_{14}$ M.W. 766.93
PHY80633-10MG, -50MG, -100MG[†]



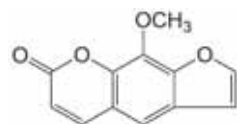
Wogonin
CAS No. 632-85-9
 $C_{16}H_{12}O_5$ M.W. 284.27
PHY89825-10MG, -50MG, -100MG[†]



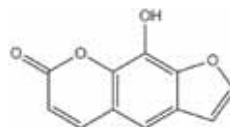
Wogonoside
CAS No. 51059-44-0
 $C_{22}H_{20}O_{11}$ M.W. 460.39
PHY82684-10MG, -50MG, -100MG[†]



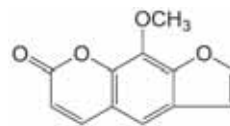
Xanthohumol
CAS No. 6754-58-1
 $C_{21}H_{22}O_5$ M.W. 354.40
PHY89292-10MG, -50MG, -100MG[†]



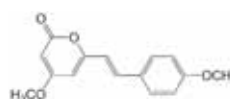
Xanthotoxin
CAS No. 298-81-7
 $C_{12}H_8O_4$ M.W. 216.19
PHY89866-50MG, -100MG[†]



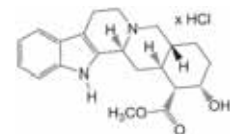
Xanthotoxol
CAS No. 2009-24-7
 $C_{12}H_8O_4$ M.W. 202.17
PHY83292-20MG, -100MG[†]



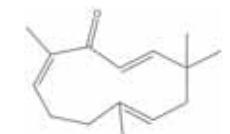
Yamogenin
CAS No. 512-06-1
 $C_{27}H_{42}O_3$ M.W. 414.63
PHY80634-10MG, -50MG, -100MG[†]



Yangonin
CAS No. 500-62-9
 $C_{15}H_{14}O_4$ M.W. 258.27
PHY89293-10MG, -50MG, -100MG[†]



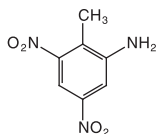
Yohimbine HCl
CAS No. 65-19-0
 $C_{21}H_{26}N_2O_3 \cdot HCl$ M.W. 390.91
PHY82685-100MG, -500MG, -1000MG[†]



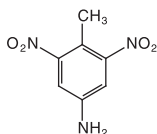
Zerumbone NEW
CAS No. 471-05-6
 $C_{15}H_{22}O$ M.W. 218.34
PHY83418-20MG, -100MG[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

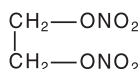
nitroglycerin, explosives, stabilizers



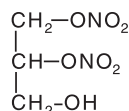
2-Amino-4,6-dinitrotoluene
CAS No. 35572-78-2
 $C_7H_7N_3O_4$ M.W. 197.15
ERA-017 100 mg



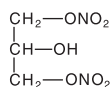
4-Amino-2,6-dinitrotoluene
CAS No. 19406-51-0
 $C_7H_7N_3O_4$ M.W. 197.15
ERA-018 100 mg



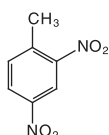
Dinitroethylene glycol (EGDN)
CAS No. 628-96-6
 $C_2H_4N_2O_6$ M.W. 152.06
D-004 100 µg/mL
1 mL Acetonitrile
ERD-148S 1000 µg/mL
1 mL Acetonitrile



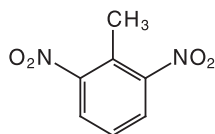
1,2-Dinitroglycerin
CAS No. 621-65-8
 $C_3H_6N_2O_7$ M.W. 182.09
D-002 100 µg/mL
1 mL Acetonitrile
D-010 1.0 mg/mL
1 mL Acetonitrile



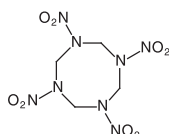
1,3-Dinitroglycerin
CAS No. 623-87-0
 $C_3H_6N_2O_7$ M.W. 182.09
D-003 100 µg/mL
1 mL Acetonitrile
D-011 1.0 mg/mL
1 mL Acetonitrile



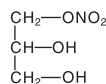
2,4-Dinitrotoluene
CAS No. 121-14-2
 $C_7H_6N_2O_4$ M.W. 182.14
ERD-033S 1000 µg/mL
1.2 mL Acetonitrile
ERD-152S 10 mg/mL
5 mL Acetonitrile



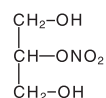
2,6-Dinitrotoluene
CAS No. 606-20-2
 $C_7H_6N_2O_4$ M.W. 182.14
ERD-034S 1000 µg/mL
1.2 mL Acetonitrile



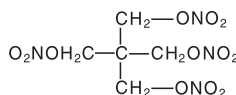
HMX
(1,3,5,7-Tetranitro-1,3,5,7-tetraazacyclooctane)
CAS No. 2691-41-0
 $C_8H_8N_8O_8$ M.W. 296.16
ERH-004S 1000 µg/mL
1.2 mL Acetonitrile
ERH-050S 10 mg/mL
5 mL Acetonitrile



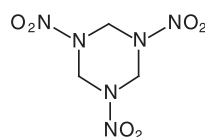
1-Mononitroglycerin
CAS No. 624-43-1
 $C_3H_7NO_5$ M.W. 137.09
M-001 100 µg/mL
1 mL Acetonitrile
M-077 1.0 mg/mL
1 mL Acetonitrile



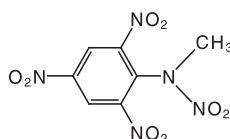
2-Mononitroglycerin
CAS No. 620-12-2
 $C_3H_7NO_5$ M.W. 137.09
M-002 100 µg/mL
1 mL Acetonitrile
M-078 1.0 mg/mL
1 mL Acetonitrile



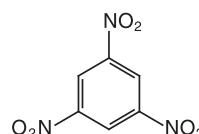
Pentaerythritol tetranitrate (PETN)
CAS No. 78-11-5
 $C_5H_8N_4O_{12}$ M.W. 316.14
P-037 1000 µg/mL
1 mL Acetonitrile
ERP-109S 10 mg/mL
5 mL Acetonitrile



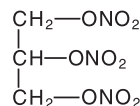
RDX
(Hexahydro-1,3,5-trinitro-1,3,5-triazine)
CAS No. 121-82-4
 $C_3H_6N_6O_6$ M.W. 222.12
ERR-001S 1000 µg/mL
1.2 mL Acetonitrile
ERR-005S 10 mg/mL
5 mL Acetonitrile



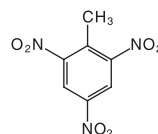
Tetryl
(Methyl-2,4,6-trinitrophenyl nitramine)
CAS No. 479-45-8
 $C_7H_5N_5O_8$ M.W. 287.15
ERT-021S 1000 µg/mL
1.2 mL Acetonitrile



1,3,5-Trinitrobenzene
CAS No. 99-35-4
 $C_6H_3N_3O_6$ M.W. 213.11
ERT-023S 1000 µg/mL
1.2 mL Acetonitrile



Trinitroglycerin
CAS No. 55-63-0
 $C_3H_5N_5O_9$ M.W. 227.09
T-002 1000 µg/mL
1 mL Acetonitrile
T-021 1 % w/w
1 mL Propylene glycol
T-022 1 % w/w
200 µL Propylene glycol



2,4,6-Trinitrotoluene (TNT)
CAS No. 118-96-7
 $C_7H_5N_3O_6$ M.W. 227.13
ERT-022S 1000 µg/mL
1.2 mL Acetonitrile
ERT-107S 10 mg/mL
5 mL Acetonitrile

SINGLE BASED GUN SURVEILLANCE STANDARD

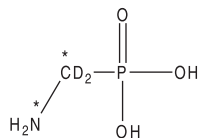
9 Components in Acetonitrile

Each component at stated concentration (µg/mL), 1.2 mL/Ampoule

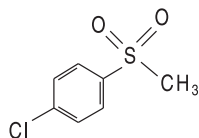
ERG-006

Dimethylphthalate	200
2,2'-Dinitrodiphenylamine	50
2,4-Dinitrodiphenylamine	50
2,4'-Dinitrodiphenylamine	50
4,4'-Dinitrodiphenylamine	50
Diphenylamine	200
2-Nitrodiphenylamine	50
4-Nitrodiphenylamine	50
N-Nitrosodiphenylamine	75

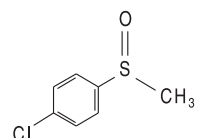
chemical warfare verification standards



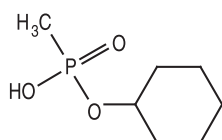
Aminomethylphosphonic acid
(¹³C, 99%; ¹⁵N, 98%, methylene-D₂, 98%)
¹³CD₂H₄¹⁵NO₃P M.W. 115.00
CDNLM-6786-1.2 100 µg/mL
1.2 mL Water



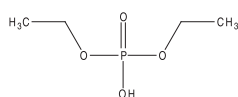
p-Chlorophenyl methyl sulfone
CAS No. 98-57-7
C₇H₇ClO₂S M.W. 190.65
ERC-012 100 mg



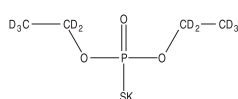
p-Chlorophenyl methyl sulfoxide
CAS No. 934-73-6
C₇H₇ClOS M.W. 174.64
ERC-010 100 mg



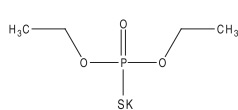
Cyclohexyl methylphosphonic acid (GF acid)
CAS No. 1932-60-1
C₇H₁₃O₃P M.W. 178.17
ERC-034 1000 µg/mL
1.2 mL Methanol



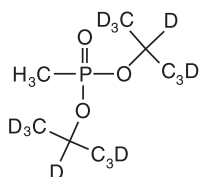
Diethyl hydrogen phosphate
CAS No. 598-2-7
C₆H₁₀O₄P M.W. 153.09
ERD-118 1000 µg/mL
1.2 mL Methanol



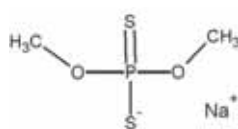
O,O-Diethyl thiophosphate, potassium salt (diethyl-D₁₀)
C₆D₁₀KO₃PS M.W. 218.18
DLM-4852-1.2 100 µg/mL 1.2 mL Methanol



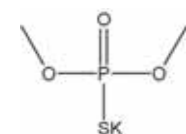
O,O-Diethyl thiophosphate, potassium salt
C₄H₁₀KO₃PS M.W. 209.27
ERD-119 1000 µg/mL 1.2 mL Methanol



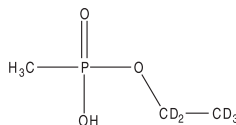
Diisopropyl methylphosphonate-D₁₄
CAS No. 1205608-66-7
C₇H₁₄D₁₄O₃P M.W. 194.21
ERD-086 1000 µg/mL
1.2 mL Methanol



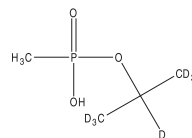
O,O-Dimethyl hydrogen dithiophosphate, sodium salt
CAS No. 26377-29-7
C₂H₇O₂PS₂Na M.W. 180.16
ERD-155 1000 µg/mL
1.2 mL Methanol



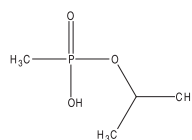
O,O-Dimethyl thiophosphate potassium salt
CAS No. 28523-79-7
C₂H₇O₃PS • K M.W. 181.21
ULM-8905-1.2 1 mg/mL
1.2 mL Methanol



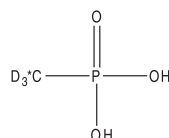
Ethyl hydrogen methylphosphonate (ethyl-D₈, 98%)
C₃H₄D₈O₃P M.W. 129.04
DLM-6098-1.2 100 µg/mL
1.2 mL Methanol



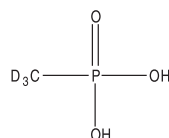
Isopropyl methylphosphonic acid-D₈
C₄H₄D₈O₃P M.W. 145.15
ERI-017 1000 µg/mL
1.2 mL Methanol



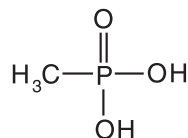
Isopropyl methylphosphonic acid (GB acid)
CAS No. 1832-54-8
C₄H₁₁O₃P M.W. 138.10
ERI-015 1000 µg/mL
1.2 mL Methanol
SCI-006 1 g



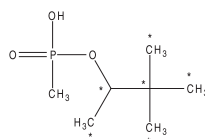
Methylphosphonic acid (13C, 99%; methyl-D₈, 98%)
CAS No. 104801-16-3
¹³CD₃H₂O₃P M.W. 99.99
CDLM-6100-1.2 100 µg/mL
1.2 mL Methanol



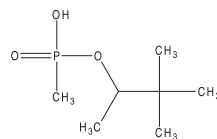
Methylphosphonic acid (methyl-D₈, 98%)
CAS No. 104801-16-3
CH₂D₈O₃P M.W. 99.00
DLM-6196-1.2 100 µg/mL
1.2 mL Methanol



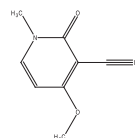
Methylphosphonic acid
CAS No. 993-13-5
CH₃O₃P M.W. 96.02
ERM-038 1000 µg/mL
1.2 mL Methanol



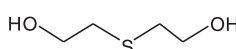
Pinacolyl hydrogen methylphosphonate (trimethylpropyl-¹³C₆, 99%)
¹³C₆H₁₃O₃P M.W. 186.12
CLM-6620-1.2 100 µg/mL
1.2 mL Methanol



Pinacolyl methylphosphonic acid
CAS No. 616-52-4
C₈H₁₇O₃P M.W. 180.18
ERP-083 1000 µg/mL
1.2 mL Methanol



Ricine
CAS No. 524-40-3
C₈H₈N₂O₂ M.W. 164.16
ERR-006 100 µg/mL
1.2 mL Acetonitrile



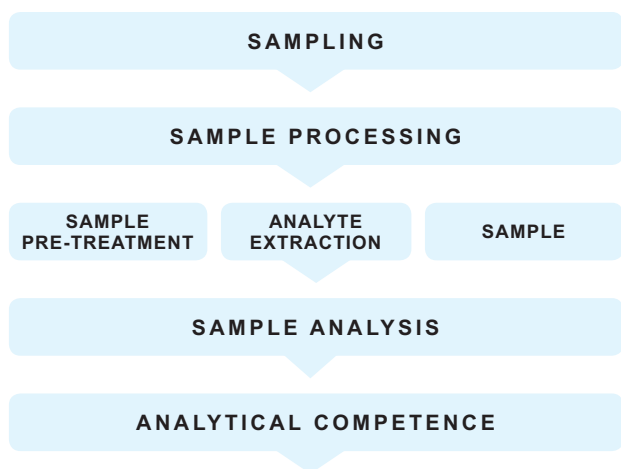
Thiodiglycol
CAS No. 111-48-8
C₂H₄O₂S M.W. 122.19
ERT-053 1000 µg/mL
1.2 mL Methanol

*distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

Sigma-Aldrich RTC Proficiency Testing

Ensure Precision and Accuracy

Ensuring your laboratory's results are accurate and precise is critical in a competitive market. The analytical competence of a laboratory is guaranteed in the form of accreditation from an approved body. An essential part of this process is the participation in proficiency testing, usually in the form of the analysis of Certified Reference Materials (CRM) or Proficiency Testing (PT) Samples.



Proficiency Testing from Sigma-Aldrich RTC

Sigma-Aldrich RTC has been producing laboratory proficiency testing programs, also known as Performance Evaluation (PE), for more than 20 years. More than 20,000 PT samples a year are sent to over 2,500 labs worldwide.

Our environmental laboratory proficiency testing programs are accredited by ACLASS to ISO/IEC 17043: 2010, Certificate No AP-1469 and recognized by all accreditation bodies worldwide, and cover the following areas of testing:

- Waste Water (WP)
- Drinking Water (WS)
- Contaminated Land (LPTP/UST)
- Air Quality and Emissions (AIR)



The RTC Advantage

WATER:

- **Matrix Modifiers** - Specific water matrix modifiers are available for hard, waste and sea water to simulate real water samples.
- **Choice of Formats** - Most RTC water PT samples are available as concentrates or ready to use volumes.
- **Water PT (duplicate samples—concentrates only)** - One sample can be used for analysis, the other retained for QC purposes using the study data values.

SOLIDS:

RTC Soil PT samples behave as real soils, and, unless there is no alternative, are not simply spikes added to a blank soil.

SUPPLY:

- **CRMs Match PT Samples** - For every PT sample, a CRM is available.
- **Quick-Turn Studies** - If you are a registered PT studies end user, Quick-Turn studies are available at no additional cost, alongside regular scheduled distributions.

REPORTING:

- **Flexible Reporting** - Multiple Methods, Analysts, or Equipment can be reported for the same analyte at no extra charge
- **Third Party Reports** - Evaluation reports can be sent to an authorized party at no additional cost.
- **On Line Reporting** - Results can be uploaded and all PT documents viewed and downloaded through our secure website.
- **Certificates of Excellence & Proficiency** - Issued to Laboratories that demonstrate excellence throughout the year.

Overview of Proficiency Testing Products

	Metals & Inorganics	Organics	Gases	Physical Properties
Drinking Water (WS)	X	X		X
WP	X	X		X
Solids & Solid Waste	X	X		
Air	X	X	X	
Micro		X		

*distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

2015-2016 Study Schedule and Quick Turn Studies

Visit www.sigmaaldrich.com/pt for registration information and the RTC studies available. If you need to perform a Proficiency Test at short notice, Quick-Turn PT rounds are available for the majority of the RTC sample portfolio. Quick-Turns are provided at no additional cost. Visit www.sigmaaldrich.com/pt for additional information. A large proportion of RTC Proficiency Test samples are supplied in duplicate at no extra cost.

RTC has created an array of matrix modifiers that provide labs with the capability to simulate a diverse range of water characteristics including hard water, waste water and salt water. The range of matrix modifiers allows existing PT and QC standards to be prepared in a variety of levels. Each modifier is supplied as a concentrate that is then used to make up the chosen PT or QC material.

Water Supply PT Studies - WS

Study ID	Month	Open	Close
WS15-1	January	28-Jan-15	13-Mar-15
WS15-2	April	08-Apr-15	22-May-15
WS15-3	July	15-Jul-15	28-Aug-15
WS15-4	September	30-Sept-15	13-Nov-15
WS16-1	January	27-Jan-16	11-Mar-16
WS16-2	April	06-Apr-16	20-May-16
WS16-3	July	13-Jul-16	26-Aug-16
WS16-4	September	28-Sept-16	11-Nov-16

Solid Waste PT Studies - LPTP

Study ID	Month	Open	Close
LPTP15-S1	February	04-Feb-15	20-Mar-15
LPTP15-S2	April	15-Apr-15	29-May-15
LPTP15-S3	July	22-Jul-15	04-Sept-15
LPTP15-S4	October	07-Oct-15	20-Nov-15
LPTP16-S1	February	03-Feb-16	18-Mar-16
LPTP16-S2	April	13-Apr-16	27-May-16
LPTP16-S3	July	20-Jul-16	02-Sept-16
LPTP16-S4	October	05-Oct-16	18-Nov-16

Air PT Studies - AIR

Study ID	Month	Open	Close
AIR 15-2	April	15-Apr-15	29-May-15
AIR 15-4	October	07-Oct-15	20-Nov-15
AIR 16-2	April	13-Apr-16	27-May-16
AIR 16-4	October	05-Oct-15	18-Nov-16

Water Pollution PT Studies - WP

Study ID	Month	Open	Close
WP15-1	January	14-Jan-15	27-Feb-15
WP15-2	March	25-Mar-14	08-May-15
WP15-3A	May	13-May-15	26-Jun-15
WP15-3B	July	08-Jul-15	21-Aug-15
WP15-4	September	23-Sep-15	06-Nov-15
WP15-5	November	25-Nov-15	08-Jan-16
WP16-1	January	13-Jan-16	26-Feb-16
WP16-2	March	23-Mar-16	06-May-16
WP16-3A	May	11-May-16	24-Jun-16
WP16-3B	July	06-Jul-16	19-Aug-16
WP16-4	September	21-Sep-16	04-Nov-16
WP16-5	November	23-Nov-16	06-Jan-17

*Microbiology proficiency testing available for Water Supply (WS) and Water Pollution (WP).

*Quick-Turn available on request.

Vitroids™

Certified Reference Microorganisms

What are Vitroids™?

Vitroids discs contain viable microorganisms in a certified quantity (ISO 17025), produced under reproducible conditions (ISO Guide 34) with strains obtained from ATCC and NCTC. The discs consist of bacteria or fungi in a solid water soluble matrix. Microorganisms in this form are stable for at least one year and are in a viable stage (no lag phase or recovery time).

Applications

- As reference strains in routine quality control; for food, beverage, water and environmental testing
- For method development and validations
- As cultures used in research studies
- For educational purposes

Strains

The strains are all derived from ATCC® and NCTC and are characterized from these cell culture collections.

What is new compared to existing reference strains products?

Utilization of new technology has allowed us to make major improvements in the field of Microbiological Reference Materials. The main areas of development are stability, temperature resistance, rehydration time and between disc reproducibility. In addition, each disc is certified according to ISO Guide 34 and ISO 17025. The result of this improved technology is Vitroids™ products that are very robust, efficient, and reliable—available at a low price.



Benefits

REPRODUCIBILITY:

- Produced under ISO Guide 34
- Certified under ISO 17025
- Supplied with a comprehensive Certificate of Analysis reporting the colony forming units (cfu)
- Strains are derived from ATCC and NCTC Between-disc reproducibility of 3% at levels of 100 cfu

STABILITY:

- Very stable - minimum expiry date of one year stored at 4°C
- No change of the cfu
- Stability could be significantly extended at -20°C, as long as the tubes are sealed

SAVE TIME AND COSTS:

- No maintenance of stock cultures
- No or minimal dilution of control samples
- No recovery time or pre-enrichment step necessary
- Easy to use
- Low price/good value;

Many of RTC's Vitroids™ microbiological standards are offered as Quality Control microbiology products under the American Type Culture Collection (ATCC®) Licensed-Derivative® program. Look for the ATCC Licensed-Derivative® Emblem for products derived from ATCC® cultures. The ATCC Licensed-Derivative emblem signifies ATCC-derived products are endorsed by ATCC. Products displaying the emblem are the only ones for which the quality of the ATCC ingredient can be properly assured. ATCC does not endorse products including ATCC ingredients from companies that are not members of the LDP program.

The ATCC Licensed-Derivative® Emblem, the ATCC Licensed Derivative word mark, and the ATCC catalog marks are trademarks of ATCC. RTC is licensed to use these trademarks and to sell products derived from ATCC® cultures.

PREPARATION:

Rehydrate the disc with a common phosphate buffer, or place the disc onto a solid or into a liquid medium. The rehydration process takes approximately 10 minutes. On solid media, the disc forms a droplet that can be spread with a loop. Liquid media may simply be shaken to dissolve the disc. The discs can be rehydrated in as little as 100 µL of water or added into larger volumes, e.g. 100mL, for general water testing methods (MF, MTF, Quanti-Tray, etc). It is also possible to add the disc to the media for pour plate techniques.



Vitroids from Sigma-Aldrich:

Species	Origin	Strain No.	CFU	Cat #	Material
<i>Aspergillus brasiliensis</i> (<i>A. niger</i>)	ATCC	16404™	80	RQC15003	RQC15003-10EA
<i>Bacillus subtilis</i>	ATCC	6633™	80	RQC16003	RQC16003-10EA
<i>Bacillus subtilis</i>	ATCC	6633™	10,000	RQC02258	RQC02258-10EA
<i>Candida albicans</i>	ATCC	10231™	80	RQC14003	RQC14003-10EA
<i>Candida albicans</i>	ATCC	10231™	1,000	RQC14007	RQC14007-10EA
<i>Candida albicans</i>	ATCC	10231™	10,000	RQC14008	RQC14008-10EA
<i>Clostridium perfringens</i>	NCTC	10240	30	RQC02351	RQC02351-10EA
<i>Clostridium perfringens</i>	NCTC	10240	200	RQC02355	RQC02355-10EA
<i>Clostridium perfringens</i>	NCTC	10240	500	RQC20106	RQC20106-10EA
<i>Clostridium sporogenes</i>	ATCC	19404™	80	RQC19003	RQC19003-10EA
<i>Enterobacter aerogenes</i>	ATCC	13048™	50	RQC01652	RQC01652-10EA
<i>Enterobacter aerogenes</i>	ATCC	13048™	100	RQC01654	RQC01654-10EA
<i>Enterobacter aerogenes</i>	ATCC	13048™	200	RQC01655	RQC01655-10EA
<i>Enterobacter aerogenes</i>	ATCC	13048™	1,000	RQC01657	RQC01657-10EA
<i>Enterobacter aerogenes</i>	ATCC	13048™	10,000	RQC01658	RQC01658-10EA
<i>Enterobacter cloacae</i>	ATCC	35030™	50	RQC22102	RQC22102-10EA
<i>Enterobacter cloacae</i>	ATCC	35030™	200	RQC21105	RQC21105-10EA
<i>Enterococcus faecalis</i>	ATCC	19433™	50	RQC01722	RQC01722-10EA
<i>Enterococcus faecalis</i>	ATCC	19433™	100	RQC01774	RQC01774-10EA

*distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

Vitroids from Sigma-Aldrich:

Species	Origin	Strain No.	CFU	Cat #	Material
<i>Enterococcus faecalis</i>	ATCC	19433™	200	RQC01775	RQC01775-10EA
<i>Enterococcus faecalis</i>	ATCC	19433™	1,000	RQC01777	RQC01777-10EA
<i>Escherichia coli</i>	ATCC	11775™	50	RQC01702	RQC01702-10EA
<i>Escherichia coli</i>	ATCC	11775™	200	RQC01705	RQC01705-10EA
<i>Escherichia coli</i>	ATCC	11775™	1,000	RQC01707	RQC01707-10EA
<i>Escherichia coli</i>	ATCC	11775™	10,000	RQC01708	RQC01708-10EA
<i>Escherichia coli</i>	ATCC	8739™	80	RQC11003	RQC11003-10EA
<i>Fluoribacter bozemanii</i> (<i>Legionella bozemanii</i>)	NCTC	11368	50,000	RQC02908	RQC02908-10EA
Heterotrophic Organisms			100	RQC02504	RQC02504-10EA
<i>Legionella pneumophila</i> (serogroup 1)	NCTC	12821	100,000	RQC02008	RQC02008-10EA
<i>Listeria monocytogenes</i>	ATCC	19115™	30	RQC01901	RQC01901-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	27853™	50	RQC03302	RQC03302-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	27853™	100	RQC03304	RQC03304-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	9027™	30	RQC02201	RQC02201-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	9027™	50	RQC12002	RQC12002-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	9027™	80	RQC12003	RQC12003-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	9027™	100	RQC02204	RQC02204-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	9027™	200	RQC12005	RQC12005-10EA
<i>Pseudomonas aeruginosa</i>	ATCC	9027™	1,000	RQC12007	RQC12007-10EA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Abaetetuba</i>	ATCC	35640™	500	RQC03006	RQC03006-10EA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Abaetetuba</i>	ATCC	35640™	1,000	RQC03007	RQC03007-10EA
<i>Salmonella enterica</i> subsp. <i>Enterica</i> serovar <i>Abony</i>	NCTC	6017	80	RQC18003	RQC18003-10EA
<i>Salmonella enterica</i> subsp. <i>Enterica</i> serovar <i>Typhimurium</i>	ATCC	14028	50	RQC17002	RQC17002-10EA
<i>Salmonella goldcoast</i>	NCTC	13175	30	RQC02301	RQC02301-10EA
<i>Staphylococcus aureus</i> susp. <i>Aureus</i>	ATCC	6538™	50	RQC13002	RQC13002-10EA
<i>Staphylococcus aureus</i> susp. <i>Aureus</i>	ATCC	6538™	80	RQC13003	RQC13003-10EA
<i>Staphylococcus aureus</i> susp. <i>Aureus</i>	ATCC	6538™	200	RQC13005	RQC13005-10EA
<i>Staphylococcus aureus</i> susp. <i>Aureus</i>	ATCC	6538™	1,000	RQC13007	RQC13007-10EA
Vitroids™ Blank	-	-	0	RQC0001	RQC0001-10EA

individual environmental analytes

Acetaldehyde-DNPH, 99%	1019-57-4	10 mg	ERA-012
Acetone-DNPH, 99%	1567-89-1	10 mg	ERA-011
Albendazole sulfone	75184-71-3	25 mg	NMIP1793[†]
Albendazole sulfoxide	540029-12-8	25 mg	NMIP1792[†]
Aldrin, 99% (ACS Standard Grade)	309-00-2	100 mg 1 g	ERA-006 SCA-006
2-Amino-4,6-dinitrotoluene	35572-78-2	100 mg	ERA-017
4-Amino-2,6-dinitrotoluene	19406-51-0	100 mg	ERA-018
Aminomethylphosphonic acid (¹³ C, 99%; ¹⁵ N, 98%, methylene-D ₂ , 98%)	1066-51-9	100 µg/mL 1.2 mL Water	CDNLM-6786-1.2
Anthracene, 99% (ACS Standard Grade)	120-12-7	250 mg	ERA-010
Atrazine, 98%	1912-24-9	250 mg	ERA-055
Benzo(a)pyrene, 98% (ACS Standard Grade)	50-32-8	1 g	SCB-007
Benzo(b)fluoranthene, 99% (ACS Standard Grade)	205-99-2	100 mg 1 g	ERB-002 SCB-002
Benzo(c)phenanthrene, 99%	195-19-7	25 mg	ERB-040
Benzo(g,h,i)perylene, 99% (ACS Standard Grade)	191-24-2	25 mg 1 g	ERB-040 SCB-002
δ-BHC, 99% (ACS Standard Grade)	319-86-8	1 g	SCB-014
γ-BHC, 99% (Lindane) (ACS Standard Grade)	58-89-9	50 mg	NMIP1332[†]
D₅-Bifenthrin		1 mg	NMIP1806[†]
1,2,4-Butanetriol trinitrate	6659-60-5	100 µg/mL 1 mL Acetonitrile	B-002
Carbophenothion sulfone	16662-85-4	25 mg	NMIP1727[†]
Carbophenothion sulfoxide	17297-40-4	25 mg	NMIP1726[†]
cis-Chlordane (α isomer), 99% (ACS Standard Grade)	5103-71-9	25 mg 25 mg 1 g	ERC-003 NMIP1624[†] SCC-003
trans-Chlordane (γ isomer), 99%	5103-74-2	25 mg 1 g	NMIP1625[†] SCC-004
Chlorfluazuron	71422-67-8	100 mg	NMIP1489[†]
Chlorodibromoacetic acid methyl ester, 99%	20428-75-5	100 mg	SCC-053
p-Chlorophenyl methyl sulfone, 99%	98-57-7	100 mg	ERC-012
p-Chlorophenyl methyl sulfoxide, 99%	934-73-6	100 mg	ERC-010
Chlorpyrifos	2921-88-2	250 mg	NMIP1666[†]
Crotonaldehyde-DNPH, 99%	1527-96-4	10 mg	ERC-006
Cyclohexanone-DNPH, 99%	1589-62-4	10 mg	ERC-016
Cyclohexyl methylphosphonic acid	1932-60-1	1000 µg/mL 1.2 mL Methanol	ERC-034
2,4-D [2,4-Dichlorophenoxyacetic acid]	94-75-7	1 g	ERD-076
o,p'-DDD, 99% (ACS Standard Grade)	53-19-0	1 g	SCD-008
p,p'-DDD, 99%	72-54-8	50 mg	NMIP1311[†]
p,p'-DDT, 99%	50-29-3	50 mg	NMIP1309[†]
Decachlorobiphenyl, 99% (BZ# 209) (ACS Standard Grade)	2051-24-3	1 g	SCD-015
Dibenz(a,h)acridine, 99%	226-36-8	25 mg	ERD-013

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

individual environmental analytes

Dibenz(a,h)anthracene, 99% (ACS Standard Grade)	53-70-3	100 mg 1 g	ERD-003 SCD-003
Dibenz(a,j)acridine, 99%	224-42-0	25 mg	ERD-014
Dibenzo(a,e)pyrene, 99%	192-65-4	10 mg 100 mg	ERD-151 SCD-151
Dibenzo(a,h)pyrene, 99%	189-64-0	10 mg	SCD-152
Dibenzo(a,l)pyrene, 99%	191-30-0	25 mg	ERD-051
Dibromo-DDE	21655-73-2	50 mg	NMIP1373[†]
Dibutyl chlorendate, 99% (ACS Standard Grade)	1770-80-5	100 mg	ERD-002
cis-1,3-Dichloropropene, 98%	10061-01-5	1 g	SCD-024
trans-1,3-Dichloropropene, 97%	10061-02-6	100 mg 1 g	ERD-025 SCD-025
Dieldrin, 99% (ACS Standard Grade)	60-57-1	50 mg 100 mg 1 g	NMIP1747[†] ERD-004 SCD-004
Diethyl hydrogen phosphate	598-2-7	1000 µg/mL 1.2 mL Methanol	ERD-118
O,O-Diethyl thiophosphate, potassium salt (diethyl-D₁₀)		100 µg/mL 1.2 mL Methanol (as free acid)	DLM-4852-1.2
O,O-Diethyl thiophosphate, potassium salt	2465-65-8	1000 µg/mL 1.2 mL Methanol (as free acid)	ERD-119
Diisopropyl methylphosphonate-D₁₄		1000 µg/mL 1.2 mL Methanol	ERD-086
Dimethoate	60-51-5	50 mg	NMIP1642[†]
3,3'-Dimethylbenzidine	119-93-7	2000 µg/mL 1.2 mL Methylene chloride	ERD-132S
O,O-Dimethyl dithiophosphate, sodium salt		1000 µg/mL 1.2 mL Methanol (as free acid)	ERD-155
Dimethyl µ-truxinate	52305-38-1	5 mg	NMID953[†]
Dinitroethylene glycol	628-96-6	100 µg/mL 1 mL Acetonitrile	D-004
1,2-Dinitroglycerin	621-65-8	100 µg/mL 1 mL Acetonitrile 1.0 mg/mL 1 mL Acetonitrile	D-002 D-010
1,3-Dinitroglycerin	623-87-0	100 µg/mL 1 mL Acetonitrile 1.0 mg/mL 1 mL Acetonitrile	D-003 D-011
2,4-Dinitrotoluene	121-14-2	1000 µg/mL 1.2 mL Acetonitrile	ERD-033S
2,6-Dinitrotoluene	606-20-2	1000 µg/mL 1.2 mL Acetonitrile	ERD-034S
Dinoseb methyl ether, 98%	6099-79-2	100 mg 1 g	ERD-031 SCD-031
Diquat-D₄ dibromide	85-00-7	10 mg	B130022-10
Endosulfan I (α isomer), 99% (ACS Standard Grade)	959-98-8	50 mg 100 mg 1 g	NMIP1368[†] ERE-003 SCE-003
Endosulfan II (β isomer), 99% (ACS Standard Grade)	33213-65-9	50 mg 100 mg 1 g	NMIP1369[†] ERE-004 SCE-004
Endosulfan diol	2157-19-9	50 mg	NMIP1370[†]
Endosulfan ether	3369-52-6	25 mg	NMIP1371[†]
D₄-Endosulfan sulfate		1 mg	NMIP1803[†]
Endosulfan sulfate, 99%	1031-07-8	50 mg	NMIP1372[†]
Endrin aldehyde, 99% (ACS Standard Grade)	7421-93-4	100 mg 1 g	ERE-001 SCE-001
Ethyl hydrogen methylphosphonate (ethyl-D₅, 98%)		100 µg/mL 1.2 mL Methanol	DLM-6098-1.2

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

individual environmental analytes

Fenbendazole sulfone	54029-20-8	25 mg	NMIP1791[†]
Fipronil	120068-37-3	50 mg	NMIP1668[†]
Fipronil sulfone		25 mg	NMIP1731[†]
Fluazuron	86811-58-7	100 mg	NMIP1490[†]
Fluoranthene, 99% (ACS Standard Grade)	206-44-0	250 mg	ERF-001
Heptachlor, 99%	76-44-8	50 mg	NMIP1394[†]
Heptachlor epoxide (exo)	1024-57-3	20 mg	NMIP1395[†]
2,2',3,3',4,4',5,-Heptachlorobiphenyl, 99% (BZ# 170) (ACS Standard Grade)	52663-72-6	100 mg	SCH-041
2,2',3,4,4',5,5'-Heptachlorobiphenyl, 99% (BZ# 180) (ACS Standard Grade)	35065-29-3	25 mg 250 mg	ERH-008 SCH-008
2,2',3,4',5,5',6-Heptachlorobiphenyl, 97% (BZ# 187) (ACS Standard Grade)	52663-68-0	100 mg	SCH-048
2,2',3,4,4',5-Hexachlorobiphenyl 99% (BZ# 137)	35694-06-5	250 mg	SCH-007
2,2',3,4,4',5'-Hexachlorobiphenyl, 99% (BZ# 138) (ACS Standard Grade)	35065-28-2	25 mg 250 mg	ERH-022 SCH-022
2,2',4,4',6,6'-Hexachlorobiphenyl, 99% (BZ# 155) (ACS Standard Grade)	33979-03-2	25 mg 250 mg	ERH-010 SCH-010
2,3,3',4,4',5-Hexachlorobiphenyl, 99% (BZ# 156) (ACS Standard Grade)	38380-08-4	10 mg 100 mg	ERH-045 SCH-045
HMMNI (nitroimidazole metabolite)	936-05-0	50 mg	NMIP1296[†]
HMX	2691-41-0	1000 µg/mL 1.2 mL Acetonitrile 10 mg/mL 5 mL/ampoule Acetonitrile	ERH-004S ERH-050S
Isopropyl methylphosphonic acid	1832-54-8	1000 µg/mL 1.2 mL Methanol 1g	ERI-015 SCI-006
Isopropyl methylphosphonic acid-D₇		1000 µg/mL 1.2 mL Methanol	ERI-017
Kepone®, 99% (Chlordecone) (ACS Standard Grade)	143-50-0	50 mg	NMIP1332[†]
Malathion, 99%	121-75-5	1 g	SCM-039
MCPA methyl ester, 99%	2436-73-9	1 g	SCM-059
Methoxychlor	72-43-5	100 mg	NMIP1305[†]
Methyl parathion, 99%	298-00-0	1 g	SCM-004
Methylphosphonic acid (¹³ C, 99%; methyl-D ₃ , 98%)		100 µg/mL 1.2 mL Methanol	CDLM-6100-1.2
Methylphosphonic acid (methyl-D ₃ , 98%)	104801-16-3	100 µg/mL 1.2 mL Methanol	DLM-6196-1.2
Methylphosphonic acid	993-13-5	1000 µg/mL 1.2 mL Methanol	ERM-038
1-Mononitroglycerin	624-43-1	100 µg/mL 1 mL Acetonitrile 1.0 mg/mL 1 mL Acetonitrile	M-001 M-077
2-Mononitroglycerin	620-12-2	100 µg/mL 1 mL Acetonitrile 1.0 mg/mL 1 mL Acetonitrile	M-002 M-078
Monuron, 99%	150-68-5	250 mg 1 g	ERM-003 SCM-003
Naphthalene, 99% (ACS Standard Grade)	91-20-3	250 mg	ERN-003
Nitrofen, 99%	1836-75-5	1 g	SCN-020
cis-Nonachlor, 99% (ACS Standard Grade)	5103-73-1	25 mg 1 g	ERN-001 SCN-001
trans-Nonachlor, 99% (ACS Standard Grade)	39765-80-5	10 mg 1 g	NMIP1623[†] SCN-002

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

individual environmental analytes

Octachlorostyrene, 99%	29082-74-4	25 mg 1 g	ERO-001 SCO-001
Oxychlorthane, 98%	27304-13-8	25 mg 1 mg	SCO-004 NMIP1622[†]
2,2',3,4,4'-Pentachlorobiphenyl, 99% (BZ# 85) (ACS Standard Grade)	65510-45-4	10 mg	ERP-099
2,2',4,5,5'-Pentachlorobiphenyl, 99% (BZ# 101) (ACS Standard Grade)	37680-73-2	25 mg	ERP-032
2,3,3',4,4'-Pentachlorobiphenyl, 99% (BZ# 105) (ACS Standard Grade)	32598-14-4	10 mg 100 mg	ERP-101 SCP-101
2,3,4,4',5-Pentachlorobiphenyl, 99% (BZ# 114) (ACS Standard Grade)	74472-37-0	100 mg	SCP-102
3,3',4,4',5-Pentachlorobiphenyl, 99% (BZ# 126) (ACS Standard Grade)	57465-28-8	10 mg	ERP-104
Pentaerythritol tetranitrate (PETN)	78-11-5	1000 µg/mL 1 mL Acetonitrile 10 mg/mL 5 mL Acetonitrile	P-037 ERP-109S
Pinacolyl methylphosphonic acid (trimethylpropyl-¹³C₆, 99%)		100 µg/mL 1.2 mL Methanol	CLM-6620-1.2
Pinacolyl methylphosphonic acid	616-52-4	1000 µg/mL 1.2 mL Methanol	ERP-083
Propionaldehyde-DNPH	725-00-8	10 mg	ERP-005
RDX	121-82-4	1000 µg/mL 1.2 mL Acetonitrile 10 mg/mL 5 mL Acetonitrile	ERR-001S ERR-005S
Ricinine	524-40-3	100 µg/mL 1.2 mL Acetonitrile	ERR-006
2,2',3,3'-Tetrachlorobiphenyl, 99% (BZ# 40) (ACS Standard Grade)	38444-93-8	250 mg	SCT-096
2,3,3',4'-Tetrachlorobiphenyl, 99% (BZ# 56) (ACS Standard Grade)	41464-43-1	10 mg	ERT-098
3,3',4,4'-Tetrachlorobiphenyl, 99% (BZ# 77) (ACS Standard Grade)	32598-13-3	25 mg 250 mg	ERT-035 SCT-035
Tetramethylene disulfotetramine	80-12-6	100 µg/mL 1.2 mL Acetonitrile	ERT-113S
Tetryl	479-45-8	1000 µg/mL 1.2 mL Acetonitrile	ERT-021S
Thiodiglycol	111-48-8	1000 µg/mL 1.2 mL Methanol	ERT-053
m-Tolualdehyde-DNPH, 99%	2880-05-9	10 mg	ERT-007
2,3,3'-Trichlorobiphenyl, 99% (BZ# 20) (ACS Standard Grade)	38444-84-7	10 mg 100 mg	ERT-093 SCT-093
2,4,4'-Trichlorobiphenyl, 99% (BZ# 28) (ACS Standard Grade)	7012-37-5	25 mg	ERT-033
2,4,5-Trichlorobiphenyl, 99% (BZ# 29) (ACS Standard Grade)	15862-07-4	25 mg 250 mg	ERT-034 SCT-034
2,4,6-Trichlorophenoxyacetic acid	575-89-3	50 mg	NMIP1375[†]
Trifluralin, 99%	1582-09-8	50 mg	NMIP1408[†]
1,3,5-Trinitrobenzene (ACS Standard Grade)	99-35-4	1000 µg/mL 1.2 mL Acetonitrile	ERT-023S
Trinitroglycerin	55-63-0	1000 µg/mL 1 mL Acetonitrile 1 % w/w 1 mL Propylene glycol 1 % w/w 200 µL Propylene glycol	T-002 T-021 T-022
2,4,6-Trinitrotoluene (TNT)	118-96-7	10 mg/mL 5 mL Acetonitrile	ERT-107S
2,4,6-Trinitrotoluene (TNT)	118-96-7	1000 µg/mL in Acetonitrile 1.2 mL/Ampoule	ERT-022S
Valeraldehyde-DNPH, 99%	2057-84-3	10 mg	ERV-001
Vamidothion sulfone	70898-34-9	25 mg	NMIP1730[†]
Vamidothion sulfoxide	20300-00-9	25 mg	NMIP1729[†]

[†]distributed items are available directly through Cerilliant in the US & Canada and will be provided with the manufacturer's COA

volatiles

VOC CALIBRATION STANDARD

54 Components in Methanol

200 µg/mL of each component, 1.2 mL/Ampoule

ERS-062

Benzene	Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform	n-Butylbenzene
sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride
Chlorobenzene	Chloroform	2-Chlorotoluene
4-Chlorotoluene	Dibromochloromethane	1,2-Dibromo-3-chloropropane
1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene
1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane
1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene
trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane
2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene
trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene
Isopropylbenzene (Cumene)	p-Isopropyltoluene (p-Cymene)	Methylene chloride
Naphthalene	n-Propylbenzene	Styrene
1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene
Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
m-Xylene	o-Xylene	p-Xylene

INTERNAL STANDARD-1

3 Components in Methanol

2500 µg/mL of each component, 1.2 mL/Ampoule

ERS-060

Chlorobenzene-D ₅	1,4-Dichloroethane-D ₄
Fluorobenzene	

CHLORINATED HYDROCARBONS MIXTURE

13 Components in Methylene chloride

2000 µg/mL of each component, 1.2 mL/Ampoule

ERC-047

2-Chloronaphthalene	1,2-Dichlorobenzene	1,3-Dichlorobenzene
1,4-Dichlorobenzene	Hexachlorobenzene	Hexachlorobutadiene
Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene
Pentachlorobenzene	Pentachloroethane	1,2,4,5-Tetrachlorobenzene
1,2,4-Trichlorobenzene		

ORGANOPHOSPHORUS PESTICIDE MIXTURE

9 Components in Methylene chloride

2000 µg/mL of each component, 1.2 mL/Ampoule

ERO-008

Dimethoate	Disulfoton	Famphur
Methyl parathion	Parathion	Phorate
Sulfotep	Thionazin	o,o,o-Triethylphosphorothioate

semi-volatiles

PETROLEUM HYDROCARBON SURROGATE STANDARD

2 Components in Methylene chloride

Each component at stated concentration (µg/mL), 5 mL/Ampoule

ERT-091

o-Terphenyl	10000	α,α,α-Trifluorotoluene	20000
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explosives

EXPLOSIVES STOCK STANDARD

14 Components in Ethyl acetate

2000 µg/mL of each component, 1.2 mL/Ampoule

ERE-042

2-Amino-4,6-dinitrotoluene
1,3-Dinitrobenzene
Nitrobenzene
4-Nitrotoluene
1,3,5-Trinitrobenzene

4-Amino-2,6-dinitrotoluene
2,4-Dinitrotoluene
2-Nitrotoluene
RDX
2,4,6-Trinitrotoluene (TNT)

3,5-Dinitroaniline
2,6-Dinitrotoluene
3-Nitrotoluene
Tetryl

METHOD 8330 STOCK STANDARD

14 Components in Acetonitrile

200 µg/mL of each component, 1.2 mL/Ampoule

ERE-021

2-Amino-4,6-dinitrotoluene
2,4-Dinitrotoluene
Nitrobenzene
4-Nitrotoluene
1,3,5-Trinitrobenzene

4-Amino-2,6-dinitrotoluene
2,6-Dinitrotoluene
2-Nitrotoluene
RDX
2,4,6-Trinitrotoluene (TNT)

1,3-Dinitrobenzene
HMX
3-Nitrotoluene
Tetryl

CALIBRATION MIX A

8 Components in Acetonitrile

100 µg/mL of each component, 1.2 mL/Ampoule

ERE-011

2-Amino-4,6-dinitrotoluene
HMX
1,3,5-Trinitrobenzene

1,3-Dinitrobenzene
Nitrobenzene
2,4,6-Trinitrotoluene (TNT)

2,4-Dinitrotoluene
RDX

CALIBRATION MIX B

6 Components in Acetonitrile

100 µg/mL of each component, 1.2 mL/Ampoule

ERE-012

4-Amino-2,6-dinitrotoluene
3-Nitrotoluene

2,6-Dinitrotoluene
4-Nitrotoluene

2-Nitrotoluene
Tetryl

aldehyde/ketones

ALDEHYDE/KETONE-DNPH STOCK STANDARD-15

15 Components in Acetonitrile

15 µg/mL (as Aldehyde/Ketone) of each component, 1.2 mL/Ampoule

ERA-020

Acetaldehyde-DNPH
Benzaldehyde-DNPH
2,5-Dimethylbenzaldehyde-DNPH
Isovaleraldehyde-DNPH
o-Tolualdehyde-DNPH

Acetone-DNPH
n-Butyraldehyde-DNPH
Formaldehyde-DNPH
Propionaldehyde-DNPH
p-Tolualdehyde-DNPH

Acrolein-DNPH
Crotonaldehyde-DNPH
Hexaldehyde-DNPH
m-Tolualdehyde-DNPH
Valeraldehyde-DNPH

ALDEHYDE/KETONE-DNPH STOCK STANDARD-13

13 Components in Acetonitrile

1 µg/mL (as Aldehyde/Ketone) of each component, 5 x 1.2 mL/Ampoule

3 µg/mL (as Aldehyde/Ketone) of each component, 5 x 1.2 mL/Ampoule

15 µg/mL (as Aldehyde/Ketone) of each component, 1.2 mL/Ampoule

ERA-037
ERA-013K
ERA-028

Acetaldehyde-DNPH
Benzaldehyde-DNPH
Crotonaldehyde-DNPH
Methacrolein-DNPH
Valeraldehyde-DNPH

Acetone-DNPH
2-Butanone (MEK)-DNPH
Formaldehyde-DNPH
Propionaldehyde-DNPH

Acrolein-DNPH
n-Butyraldehyde-DNPH
Hexaldehyde-DNPH
m-Tolualdehyde-DNPH

A-796260	47	AM1248	47	d ₄ -Androsterone	73	Azadirachtin	118
7th Heaven	19	AM 2201	47	Androsterone-D ₄ glucuronide	73	Azelastine-D ₄ HCl	36
AB-FUBINACA	49	AM-2201 4-Hydroxypentyl metabolite	47	d ₄ -Androsterone glucuronide	73	Azelastine HCl	36
Acacetin	114	AM-2201 4-Hydroxypentyl metabolite-D ₅ (indole-D ₅)	47	d ₄ -Androsterone-β-glucuronic acid	73	Baccatin III	118
Acemetacin-D ₄	61	Amarogentin	103, 115	Androsterone glucuronide	73	<i>Bacillus subtilis</i>	175
Acenocoumarol-D ₅	51	Ambien	60	d ₄ -Androsterone sulfate	73	Baclofen	68
Acepromazine maleate	37	Amentoflavone	115	Androsterone sulfate sodium salt	73	Baclofen-D ₅	68
Acetaldehyde-DNPH	177	Amethopterin	26	trans-Anethole	98, 102, 116	Bacopasaponin C	118
Acetaminophen	20	Amfepramone	89	Angelicin	116	Bacopaside I	118
Acetaminophen-D ₄	20	Amine mixture-6	1	Anhydroecgonine methyl ester	53	Bacopaside II	118
Acetone-DNPH	177	4-Amino-2,6-dinitrotoluene	169, 177	Anisatin	116	Bacopaside X	118
1'-Acetoxychavicol acetate	97, 114	2-Amino-4,6-dinitrotoluene	169, 177	Anisodamine HBr	116	Bacoside A	118
Acetoxyvaleric acid	111, 114	7-Aminoclonazepam	4, 42	Anisodine HBr	116	Bacoside A3	118
(±)-N-Acetyl-3,4-methylenedioxyamphetamine	5	7-Aminoclonazepam-D ₄	4, 42	Anthracycline	177	Bacoside	118
2'-Acetylacteoside	114	7-Aminoflunitrazepam	43	Antraquinone	116	Baicalin	119
6-Acetylacteoside	114	7-Aminoflunitrazepam- ¹³ C ₆	42	5-APB-D ₅ HCl	6	Baicalin 7-diglucoside	119
N-Acetylamphetamine	5	7-Aminoflunitrazepam-D ₄	43	6-APB HCl	6	Baicalin 7-glucoside	119
3-O-Acetyl-β-boswellic acid	114	Aminomethylphosphonic acid	177	5-APB HCl	6	Bakuchicin	119
3-O-Acetyl 9,11-dehydro-β-boxwellic acid	114	Aminomethylphosphonic acid- ¹³ C, ¹⁵ N, D ₂	171	Apigenin	100, 110, 111, 112, 116	Banzel	27
3-O-Acetyl-11-keto-β-boswellic acid	114	7-Aminonitrazepam	43	Apigenin 7-diglucuronide	98, 100, 116	Barbiturate mixture-5	1
6-Acetylcodeine	62	Aminorex	89	Apigenin 7-glucoside	100, 101, 106, 111, 116	Bavachalcone	119
Acetylcoumarol	114	Amiodarone-D ₄ HCl	51	Apigenin 7-glucuronide	116	Bavachin	119
Acetyl fentanyl	20	Amiodarone HCl	51	Apiin	116	Bavachinin	119
Acetyl fentanyl- ¹³ C ₆	20	Amitriptyline-D ₃ HCl	30	Apocynin	116	Bayogenin	119
N-Acetylmesalamine-D ₃	90	Amitriptyline HCl	30	Arbutin	98, 116	BCP	56
6-Acetylmorphine	4, 62	Amobarbital	41	Arctigenin	100, 116	(±)-BDB HCl	6
6-Acetylmorphine-D ₃	4, 62	Amobarbital-D ₅	41	Arctiin	100, 116	Beclomethasone 17-propionate-D ₃	73
6-Acetylmorphine-D ₅	4, 62	(±)-Amphetamine	4, 5	Arecoline HBr	100, 116	Beclomethasone dipropionate-D ₅	73
3-Acetylmorphine sulfate	65	R(-)-Amphetamine	5	Aripiprazole	37	Benadryl	36
Acetyl norfentanyl- ¹³ C ₆ oxalate	20	(±)-Amphetamine-D ₅	5	Aripiprazole-D ₅	37	Benazeprilat-D ₅	51
Acetyl norfentanyl oxalate	20	(±)-Amphetamine-D ₆	5	Aristolactam	116	Benfamine	6
N-Acetylornithine	90	(±)-Amphetamine-D ₁₀	5	Aristolochic acid C	117	Benocyclidine fumarate	56
Acetylthelbaol	62	(±)-Amphetamine-D ₁₀	5	Aristolochic acid D	117	Benzedrine	6
trans-Aconitic acid	114	(±)-Amphetamine HCl	5	Aristolochic acid I	116	Benzene	177
Aconitine	114	d-(+)-Amphetamine sulfate	6	Aristolochic acid II	116	Benzo(a)pyrene	177
Actein	99, 114	Amphetamine sulphate	6	Arjunetin	117	Benzo(b)fluoranthene	177
Acyclovir	90	Amygdalin	115	Arjunenin	117	Benzo(c)phenanthrene	177
Acyclovir-D ₄	40	β Amyrin	100, 115	Arjunic acid	117	Benzocetamine HCl	91
Adenosine	114	Anabasine-D ₄ HCl	83	Arone	6	Benzodiazepine internal standard-3	1
Adrenaline	70	(+)-Anabasine HCl	83	(+)-Aromadendrene	117	Benzodiazepine multi-component mixture-8	1
Advagraf	59	Ancobon	35	Artemicapin C	117	6-(2-Aminopropyl)benzofuran HCl	6
Aegeline	114	Andrograpanin	98, 115	Artemisinin	117	Benzo-Fury	6
Afinitor	59	Andrographolide	98, 115	α-Asarone	117	Benzo(g,h,i)perylene	177
Agnuside	100, 114	Androsin	115	β-Asarone	117	Benzoic acid	119
AH-7921-D ₄ HCl	20	d ₃ -5α-Androstane-3α,17β-diol	72	Asarylaldehyde	117	Benzoyllecgonine	53
AH-7921 HCl	20	5α-Androstane-3α,17β-diol	72	Ascaridole CAS	117	Benzoyllecgonine-D ₃	53
a-Humulene	139	5α-Androstane-3β,17β-diol	72	Ascomycin	59	Benzoyllecgonine-D ₈	53
Ajmalicine	112, 114	5α-Androstane-3β,17β-diol-3-glucuronide	72	Asenapine maleate	37	Benzoyllecgonine ethyl ester	53
Alantolactone	114	d ₃ -5β-Androstane-3α,17β-diol	72	Asialatin	117	1-Benzyl-3-methylnaphthalene	6
Albendazole sulfone	177	5β-Androstane-3α,17β-diol	72	Aspergillus brasiliensis (A. niger)	175	Benzyl alcohol	119
Albendazole sulfoxide	177	5β-Androstane-3β,17β-diol	72	Asperosaponin VI	117	Benzyl cinnamate	119
Albiflorin	115	5α-androstan-3α,17β-diol-17β-glucuronide	72	Astilbin	117	Benzyl methyl ketone (P2P)	6
Aldehyde/ketone-DNPH stock standard-13	182	5β-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Astragaloside I	98, 117	Benzyl piperazine diHCl	6
Aldehyde/ketone-DNPH stock standard-15	182	5α-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Astragaloside II	98, 118	Berberine chloride dihydrate	104, 119
Aldosterone	71	5α-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Astragaloside III	98, 118	Bergamottin	119
Aldrin	177	5β-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Astragaloside IV	98, 118	Bergapten	102, 119
Alfenta	24	5α-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Atenolol	51	Bergenin	119
Alfentanil HCl	24	5α-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Atomoxetine-D ₄ HCl	83	Betulin	99, 119
Alizarin	115	5β-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Atomoxetine HCl	83	Betulonic acid	99, 119
Allantoin	115	5β-Androstan-3α,17β-diol-O-3-β-glucuronic acid	72	Atovaquone-D ₄	90	δ-BHC	177
L-(±)-Alliin	103, 115	Androstene-3,17-dione-2,3,4- ¹³ C ₃	72	Attractylenolide I	118	γ-BHC	177
Almotriptan-D ₅ maleate	20	Androstendione	72	Attractylenolide III	118	I3,I8-Biapigenin	119
Aloe emodin	98, 108, 109, 105, 115	1-Androstendione	72	Attractylodin	118	D ₅ -Bifenthrin	177
Aloenin A	115	5α-Androst-1-ene-3β,17β-diol	72	Atrazine	177	(-)-Bilobalide	120
Aloin B	98, 115	5β-Androst-1-ene-3β,17β-diol	72	Atropine	51	Biochanin A	108, 120
Alpinetin	115	5β-Androst-1-en-17β-ol-3-one	72	Atropine-D ₃	51	1,4-Bis(2-hydroxyethyl thio)butane	177
Alprazolam	4, 42	5β-Androst-1-en-17β-ol	72	Aucubine	118	Bis-(4-cyanophenyl)methanol (Letrazole metabolite)	91
Alprazolam-D ₅	4, 42	-3-one glucuronide	72	Aurantio-obtusin	118	(-)-α-Bisabolol	100, 120
AM-678	46	5α-Androst-1-ene-3α-ol-17-one	73	Auraptin	118	Bisabolol oxide A	120
AM-1220	47	5β-Androst-1-en-3α-ol-17-one	73	Avicularin	118	Bisdemethoxycurcumin	101, 120
1-[(1-Methylpiperidin-2-yl)methyl]-3-(1-naphthyl)-indole (AM1220)	49	Androsterone	73	Avil	36	bk-EBDB	6

bk-MBDB	14	2C-B	7	β-Caryophyllene	109, 122	Chlorpyrifos	177
bk-MBDP	14	2C-C	8	(-)-Caryophyllene oxide	122	Chlorzoxazone	68
bk-MDEA	15	2C-D	8	Castalagin	122	Chlorzoxazone- ¹³ C, ¹⁵ N, ² D ₂	68
bk-Methyl-K	16	2C-E	8	Castalin	122	Cholecalciferol	87
Blue Mystic	6	2C-B-FLY-D ₅ HCl	8	Casticin	100, 112, 122	Chrysene	177
Boeravinone B	120	2C-B-FLY HCl	8	Catalpol	102, 108, 122	Chrysin	123
17α-Boldenone	73	2C-I	8	(-)-Catechin	122	Chrysophanol	98, 100, 108, 123
Boldenone	73	2C-M	8	(+)-Catechin	122	Cialis	55
D ₃ -17b-Boldenone	73	2C-P	8	(-)-Catechin 3-gallate	122	Cimbi-21	9
17β-Boldenone glucuronide	73	2C-T-2	8	(+)-Catechin 5-gallate	122	Cimbi-27	9
potassium salt	73	2C-T-4	8	Catechol	122	Cimbi-29	9
17β-Boldenone sulfate	73	2C-T-7	8	Catecholamine metabolites mix	1	Cimifugin	99, 123
D ₃ -17β-Boldenone sulfate	73	3C-E	8	Catecholamine mix 1 (epinephrines)	1	Cimigenol 3-α-L-arabinoside	99, 123
Boldenone sulfate, triethylamine	73	Cafestol	101, 120	Catecholamine mix 2	1	Cimigenol 3-β-D-xyloside	99, 123
salt	73	Caffeic acid	121	(metaephrines)	1	(-)-Cinchonidine	124
Boldine	99, 120	Caffeine	84, 101, 105, 111, 113, 121	Catharanthine	123	(+)-Cinchonine	124
Bonsai	43	Caffeine- ¹³ C ₃	84	Cathine	8	trans-Cinnamic acid	101, 124
Borneol	109, 111, 120	Caffeoyl alcohol	121	(±)-Cathinone HCl	8	trans-Cinnamoylcocaine	54
Bornyl acetate	120	Caffeoylmalic acid	110, 121	Cathinone HCl	8	Cinnamtannin A2	101, 105, 124
α-Boswellic acid	120	Caftaric acid	102, 121	R(+)-Cathinone HCl	8	Cinnamyl acetate	124
β-Boswellic acid	99, 120	Calceolarioside B	121	S(-)-Cathinone HCl	8	Cinobufagin	124
Brazilin	120	Calcdiol	73	Caudatin	123	Ciprofloxacin-D ₈	25
Brimonidine-D ₄ tartrate	91	Calcidol	87	CBC	47	Cirsilineol	124
Brimonidine tartrate	91	Calcifediol	73	CBD	47	Citalopram-D ₈ HBr	30
Bromazepam	43	Calcitriol	74	CBDA	47	Citalopram HBr	30
Bromazepam-D ₄	43	Calibration Kit (c1-c3)	96	CBDV	47	Citral	106, 124
(±)-4-Bromo-2,5-	7	Calibration mix A	182	CBG	47	Citropten	124
dimethoxyamphetamine HCl	7	Calibration mix B	182	CBGA	47	Cladrin	124
4-Bromo-2,5-	7	Californidine perchlorate	121	C-BOOM	8	Clenbuterol-D ₈ HCl	9
dimethoxyphenethylamine HCl	7	Calusterone	74	CBN	4	Clenbuterol HCl	9
2-(4-Bromo-2,5-dimethoxyphenyl)-	7	Calycotectin	121	Celastrol	123	Clobazam	43
N-[(2-methoxybenzyl)]	7	Calycosin	98, 108, 121	Celexa	30	Clobazam-8-chloro isomer- ¹³ C ₆	43
ethylamine HCl	7	Calycosin 7-glucoside	98, 121	CellCept	59	Clobenzorex HCl	9
(±)-4-Bromoamphetamine HCl	7	Camelliaside A	111, 121	Centron	84	Clomipramine	30
Bromochloroacetic acid	177	Camelliaside B	111, 121	Cephaeline diHBr	123	Clomipramine-D ₃ HCl	30
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ordering information & conditions of sale

Please direct orders to:

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811 Paloma Drive, Ste A
Round Rock, Texas 78665 USA
Tel: (800) 848-7837 U.S. and Canada (512) 238-9974 International
Fax: (800) 654-1458 U.S. and Canada (512) 238-9129 International

www.cerilliant.com
custserv@cerilliant.com

General Products, Including DEA Exempt Preparations

(Most Cerilliant DEA exempt substances are also exempt in Canada)

When placing an order, please include: (1) the catalog number, (2) the name of the product, and (3) the number of units. Your purchase order must incorporate the terms and conditions of this "Ordering Instructions and Conditions of Sale" by attachment and/or reference and specifically exclude any inconsistent terms/conditions in your purchase order. All orders must be authorized with a purchase order form by mail, fax, or electronic mail or a purchase order number by telephone. Written confirmation for telephone orders is not required unless the order exceeds \$500.00 (USD) or the order is for Custom Services. Confirming documentation must be clearly marked as "confirming" to avoid duplication. Cerilliant cannot assume responsibility for duplication as a result of improperly marked confirming orders, and these goods are nonreturnable.

Controlled Substances

In addition to the information required for general products and DEA exempt preparations, written confirmation in the form of a formal purchase order is required before shipment of controlled substances is made. For domestic orders of Schedules I and II controlled substances, a properly completed DEA Form 222 must be submitted. The purchase order should include your Drug Enforcement Administration (DEA) Controlled Substances Registration Certificate number and, if applicable, your state controlled drug registration number. Additionally, a copy of your current DEA Form 223, Controlled Substances Registration Certificate, must be on file at Cerilliant for purchases of any controlled substance (Schedules I through V).

Sample DEA Form 223

CONTROLLED SUBSTANCE REGISTRATION CERTIFICATE UNITED STATES DEPARTMENT OF JUSTICE DRUG ENFORCEMENT ADMINISTRATION WASHINGTON, D.C. 20537		
Sections 304 and 1008 (21 U.S.C. 824 and 958) of the Controlled Substances Act of 1970, as amended, provide that the Attorney General may revoke or suspend a registration to manufacture, distribute, dispense, import or export a controlled substance.	DEA REGISTRATION NUMBER AB1234567	THIS REGISTRATION EXPIRES MM/DD/YY
	SCHEDULES 1,2,3,3N,4,5	FEE PAID \$XX.XX
	BUSINESS ACTIVITY XXXXXXXXXX	DATE ISSUED MM/DD/YY
YOUR INSTITUTION 1 MAIN STREET YOUR CITY, YOUR STATE ZIP		
THIS CERTIFICATE IS NOT TRANSFERABLE ON CHANGE OF OWNERSHIP, CONTROL, LOCATION, BUSINESS ACTIVITY, OR VALID AFTER THE EXPIRATION DATE.		

terms & conditions

See Reverse of PURCHASER'S Copy for Instructions		No order form may be issued for Schedule I and II substances unless a completed application form has been received. (21 CFR 1305.04)		OMB APPROVAL No. 1117-0010		
TO: (Name of Supplier) Cerilliant Corporation			STREET ADDRESS 811 Paloma Drive, Suite A			
CITY and STATE Round Rock, TX 78665-2402			DATE Today's Date		TO BE FILLED IN BY SUPPLIER	
			SUPPLIER'S DEA REGISTRATION No.			
TO BE FILLED IN BY PURCHASER						
LINE	No. of Packages	Size of Package	Name of Item	National Drug Code	Packages Shipped	Date Shipped
1	1	5 mg	Psilocin			
2						
3						
4						
5						
6						
7						
8						
9						
10						
1 LAST LINE COMPLETED (MUST BE 10 OR LESS)			SIGNATURE OF PURCHASER OR ATTORNEY OR AGENT			
Date Issued MM/DD/YYYY		DEA Registration No. XXXXXXXXXXXX		Name and Address of Registrant		
Schedules 1,2,3,3N,4,5		Registered as a		Your Institution 1 Main Street Your City, Your State ZIP		
XXXXXXXXXXXX		No. of this Order Form XXXXXXXXXXXX				
DEA Form - 222 (Oct. 1992)		U.S. OFFICIAL ORDER FORMS - SCHEDULES I & II DRUG ENFORCEMENT ADMINISTRATION SUPPLIER'S Copy 1				

Enter Cerilliant name and address

Fill in no. of packages; Size of package; Name of item

Enter number of lines completed

Supplied by DEA Do not change

Do not fill in: National Drug Code; Packages Shipped; Date Shipped - For supplier use only

Supplied by DEA Do not change

Instructions appear on the back of the form. Do not alter or erase any portion of the DEA Form 222, including the information filled in by you. Please note that we can ship controlled substances only to the address shown on the form. Shipments via the US Postal Service are prohibited.

Remove the blue "Purchaser's Copy 3" and Purchaser's carbon only before sending the DEA 222 Form to Cerilliant Corporation, along with your purchase order and a copy of your DEA Form 223 Registration Certificate.

International Orders: Controlled Substances

Along with your formal purchase order please provide a signed statement that Cerilliant Corporation products containing controlled substances will not be re-exported. The appropriate controlled drug import document(s) required by your government must be provided. Please note that DEA exempt preparations may be regulated as controlled substances in your country. Shipping and handling charges are prepaid and added to your invoice. Cerilliant reserves the right to require prepayment for export shipments.

Limited Warranty and Limitation of Liability

Each Cerilliant product is warranted to meet the specifications set forth on its label and in the Certificate of Analysis (COA), as of the time of shipment from Cerilliant. THIS IS THE EXCLUSIVE STATEMENT OF WARRANTY, AND THERE ARE NO OTHER WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION PROVIDED ABOVE.

Any change or modification to a Cerilliant product subsequent to shipment from Cerilliant Corporation, or any failure by the purchaser and/or user to use and/or store any Cerilliant product not in accordance with the prescribed usage and storage instructions may adversely affect its stated specifications and shall serve to nullify the warranty. Due to the inherent uncertainty and, in general, lack of experimental data, the long-term stability of custom formulations or custom synthetic compounds cannot be guaranteed.

CERILLIANT DOES NOT WARRANTY ANY REFERENCE STANDARDS PRODUCTS THAT ARE RESOLD THROUGH AN UNAUTHORIZED DISTRIBUTOR.

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All warranty claims shall be made by the purchaser in writing within sixty (60) days from the date of delivery. Failure to make the claim within the sixty (60) day period shall constitute a waiver by the purchaser of any right to make that specific warranty claim.

Methods of Shipment

Due to the sensitive nature of many of the products offered, a high degree of security and traceability in the shipping process is necessary. With the added advantage of minimizing transit time, Cerilliant products are shipped whenever possible by Federal Express, with shipping charges prepaid and added to the invoice. Next Day and Second Day delivery options are available. Certain products require Next Day delivery. We assume no responsibility for shipments by other carriers designated by the customer.

Pricing, Terms, and Payments

The prices and product specifications in the Cerilliant catalog are subject to change without notice. Administrative handling fees and/or special packaging fees may apply to orders with special requirements. Net payment is required within thirty (30) days from the date of invoice unless otherwise stated. Cerilliant reserves the right to require prepayment for export shipments or to deny credit to any person. All payments must be in U.S. dollars.

Return of Materials

Cerilliant Corporation analytical reference standards are not returnable with the exception of defective goods or shipments made in error by Cerilliant Corporation. We cannot accept returns without prior authorization.



Lloyd's Register
LRQA

CERTIFICATE OF APPROVAL

This is to certify that the Management System of:

Cerilliant Corporation
811 Paloma Drive, Suite A
Round Rock, Texas 78665, USA

has been approved by Lloyd's Register Quality Assurance
to the following Management System Standard:

ISO 9001:2008

The Management System is applicable to:

**Design and Manufacture of Certified Reference
Materials, Analytical Reference Standards,
Analytes, and Chemical Reagents.**

This certificate forms part of the approval identified by certificate number UQA 4001270

Approval
Certificate No: UQA 4001270/A

Original Approval: July 5, 2012

Current Certificate: July 5, 2015

Certificate Expiry: July 4, 2018

Issued by: Lloyd's Register Quality Assurance, Inc. for and
on behalf of Lloyd's Register Quality Assurance Limited



001

LRQA Inc. 1330 Enclave Parkway, Suite 200, Houston, Texas 77077, USA
For and on behalf of LRQA Ltd. 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/AClass
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Cerilliant Corporation
811 Paloma Drive, Suite A
Round Rock, TX 78665

has been assessed by AClass
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the
types of tests to which this accreditation applies.

AT-1352

Certificate Number

AClass Approval

Certificate Valid: 11/21/2014-11/21/2016
Version No. 004 Issued: 11/13/2014



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/AClass
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Cerilliant Corporation
811 Paloma Drive, Suite A
Round Rock, TX 78665

has been assessed by AClass
and meets the requirements of international standard

ISO Guide 34:2009

while demonstrating technical competence in the field(s) of

Reference Material Producer

Refer to the accompanying Scope(s) of Accreditation for information regarding the
types of materials to which this accreditation applies.

AR-1353

Certificate Number

AClass Approval



Certificate Valid 11/21/2014-11/21/2016
Version No. 005 Issued: 11/13/2014



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CERTIFICATE OF APPROVAL

This is to certify that the Management System of:

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811 Paloma Drive, Suite A
Round Rock, Texas 78665, USA**

has been approved by Lloyd's Register Quality Assurance
to the following Management System Standard:

ISO 13485:2003

The Management System is applicable to:

**Design and Manufacture of Certified Reference Materials,
Analytical Reference Standards, Analytes and Chemical
Reagents For Use in the Medical Device Industry.**

This certificate forms part of the approval identified by certificate number UQA 4001270

Approval
Certificate No: UQA 4001270/B

Original Approval: August 5, 2011

Current Certificate: July 5, 2015

Certificate Expiry: July 4, 2018

Issued by: Lloyd's Register Quality Assurance, Inc. for and
on behalf of Lloyd's Register Quality Assurance Limited



001

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