

## Analytical Reference Standards

2023/03

new

# NEW PRODUCTS

LIPOMED continuously produces new reference standards to assist our customers with the ever increasing need for high quality and reliable reference standards.

We exclusively handle the full production and release process of new products to ensure highest quality. Synthesis, stability testing, quality control as well as compounding, labeling and distribution are all performed at our headquarters in Switzerland.

Should an item you are looking for not be included in our current portfolio please contact our customer service (see last page) or visit our website for more information.

- >> Barbital-D<sub>5</sub>
- >>> Biperiden.HCI
- >> Cannabigerolic acid
- » 1-(3-Chlorophenyl)-piperazine-D<sub>8</sub>.HCl
- >> Clozapine-D<sub>4</sub>
- >>> Cyclobenzaprine-D<sub>3</sub>.HCl
- » Digoxin
- >> Ecgonine-D<sub>3</sub>.HCl
- » Flualprazolam
- >>> Hydroxybupropion-D<sub>6</sub>
- » alpha-Hydroxyflualprazolam
- » Iso-LSD
- » 5-MeO-DMT.HCI
- » (S)-Norfluoxetine.oxalate
- » 2-Oxo-3-hydroxy-LSD
- >> d,I-PMA-D<sub>3</sub>.HCl
- >> Valproic acid-D<sub>6</sub>
- » Vortioxetine-D<sub>8</sub>.HBr
- >> Warfarin
- >>> Zuclopenthixol

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#### Analytical Reference Standards New Products

	Barbital-D₅		
H	Molecular Formula	$C_8H_7D_5N_2O_3$	CAS Number 1189694-78-7
	Molecular Weight	189.23	DEA Number 2145 CIV
	BRB-1943-FA-0.1LM BRB-1943-FA-1LM	0.1 mg acid/1 mL 1.0 mg acid/1 mL	calibrated solution in methanol calibrated solution in methanol
∕ <del>NH</del>		-	
DTD	BRB-1943-FA-10 BRB-1943-FA-50	10 mg	powder
ĊD <sub>3</sub> Ö	BRB-1943-FA-30 BRB-1943-FA-100	50 mg 100 mg	powder powder
-	JUD - 19-19-100	Too mg	powder
	Biperiden.HCl		
	<b>Biperiden.HCl</b> Molecular Formula	C <sub>21</sub> H <sub>29</sub> NO.HCI	CAS Number 1235-82-1
	-	C <sub>21</sub> H <sub>29</sub> NO.HCI 311.47 + 36.46	CAS Number 1235-82-1 DEA Number
	Molecular Formula		
	Molecular Formula Molecular Weight	311.47 + 36.46	DEA Number
	Molecular Formula Molecular Weight BIP-1918-HC-1LM	311.47 + 36.46 1.0 mg base/1 mL	DEA Number calibrated solution in methanol
	Molecular Formula Molecular Weight BIP-1918-HC-1LM BIP-1918-HC-10	311.47 + 36.46 1.0 mg base/1 mL 10 mg	DEA Number calibrated solution in methanol powder

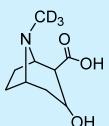
	Cannabigerolica	acid	
4	Synonym(s): CBGA Molecular Formula Molecular Weight	C <sub>22</sub> H <sub>32</sub> O <sub>4</sub> 360.49	CAS Number 25555-57-1 DEA Number N/A
	CBG-1924-10 CBG-1924-50 CBG-1924-100	10 mg 50 mg 100 mg	powder powder powder

	1-(3-Chlorophenyl)-piperazine-D <sub>8</sub> .HCl (shipment under ice for solution)				
	Synonym(s): mCPP-D <sub>8</sub> .HCl				
	Molecular Formula	$C_{10}H_5D_8CIN_2.HCI$	CAS Number 1313393-63-3		
	Molecular Weight	204.73 + 36.46	DEA Number N/A		
	PPZ-1920-HC-0.1LM	0.1 mg base/1 mL	calibrated solution in methanol		
	PPZ-1920-HC-1LM	1.0 mg base/1 mL	calibrated solution in methanol		
	PPZ-1920-HC-10	10 mg	powder		
CI	PPZ-1920-HC-50	50 mg	powder		
	PPZ-1920-HC-100	100 mg	powder		
	Clozapine-D₄				
ÇH <sub>3</sub>	<b>Clozapine-D₄</b> Molecular Formula	$C_{18}H_{15}D_4CIN_4$	CAS Number N/A		
CH <sub>3</sub>	-	C <sub>18</sub> H <sub>15</sub> D₄CIN₄ 330.85	CAS Number N/A DEA Number N/A		
	Molecular Formula				
D, /N,	Molecular Formula Molecular Weight	330.85	DEA Number N/A		

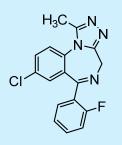


#### Analytical Reference Standards New Products

	Cyclobenzaprine		
	Molecular Formula	$C_{20H_{18}D_{3}N.HCI}$	CAS Number 1184983-42-3
	Molecular Weight	278.41 + 36.46	DEA Number N/A
	CBZ-1926-HC-0.1LM	0.1 mg base/1 mL	calibrated solution in methanol
	CBZ-1926-HC-1LM	1.0 mg base/1 mL	calibrated solution in methanol
	CBZ-1926-HC-10	10 mg	powder
N−CD <sub>3</sub>	CBZ-1926-HC-50	50 mg	powder
ĊH <sub>3</sub>	CBZ-1926-HC-100	100 mg	powder
	Digoxin		
	<b>Digoxin</b> Molecular Formula	$C_{41}H_{64}O_{14}$	CAS Number 20830-75-5
		C <sub>41</sub> H <sub>64</sub> O <sub>14</sub> 780.94	CAS Number 20830-75-5 DEA Number N/A
	Molecular Formula		
	Molecular Formula Molecular Weight	780.94	DEA Number N/A
	Molecular Formula Molecular Weight DOX-1921-1LM	780.94 1.0 mg base/1 mL	DEA Number N/A calibrated solution in methanol
	Molecular Formula Molecular Weight DOX-1921-1LM DOX-1921-10	780.94 1.0 mg base/1 mL 10 mg	DEA Number N/A calibrated solution in methanol powder



D <sub>3</sub>	Molecular Formula	C <sub>9</sub> H <sub>12</sub> D <sub>3</sub> NO <sub>3</sub> .HCl	CAS Number N/A
O	Molecular Weight	188.24 + 36.46	DEA Number 9180 CII
Лон	COC-295-HC-0.1LM	0.1 mg base/1 mL	calibrated solution in methanol
	COC-295-HC-1LM	1.0 mg base/1 mL	calibrated solution in methanol
ОН	COC-295-HC-10	10 mg	powder
	COC-295-HC-50	50 mg	powder
	COC-295-HC-100	100 mg	powder



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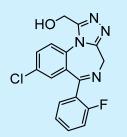
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Flualprazolam		
Molecular Formula	C <sub>17</sub> H <sub>12</sub> CIFN <sub>4</sub>	CAS Number 28910-91-0
Molecular Weight	326.76	DEA Number N/A
FAL-1919-FB-1LM	1.0 mg base/1 mL	calibrated solution in methanol
FAL-1919-FB-10	10 mg	powder
FAL-1919-FB-50	50 mg	powder
FAL-1919-FB-100	100 mg	powder

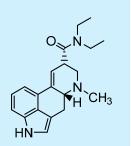
	Hydroxybuprop	ion-D <sub>6</sub>	
	Molecular Formula Molecular Weight	C <sub>13</sub> H <sub>12</sub> D <sub>6</sub> CINO <sub>2</sub> 261.78	CAS Number N/A DEA Number N/A
H CD₃ V → OH CD₃	HBP-1912-FB-0.1LA HBP-1912-FB-1LA HBP-1912-FB-10 HBP-1912-FB-50	0.1 mg base/1 mL 1.0 mg base/1 mL 10 mg 50 mg	calibrated solution in acetonitrile calibrated solution in acetonitrile powder powder
	HBP-1912-FB-100	100 mg	powder



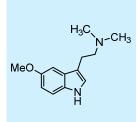
#### Analytical Reference Standards New Products



alpha-Hydroxyfl	ualprazolam	
Molecular Formula Molecular Weight	C <sub>17</sub> H <sub>12</sub> CIFN₄O 342.76	CAS Number 37115-46-1 DEA Number N/A
FAL-1925-FB-1LM	1.0 mg/1 mL	calibrated solution in methanol
FAL-1925-FB-10	10 mg	powder
FAL-1925-FB-50	50 mg	powder
FAL-1925-FB-100	100 mg	powder

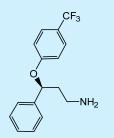


lso-LSD		
Synonym(s): Iso-Lyser	gic acid diethylamide	
Molecular Formula	$C_{20}H_{25}N_{3}O$	CAS Number N/A
Molecular Weight	323.44	DEA Number N/A
LSD-1944-FB-0.1LA	0.1 mg base/1 mL	calibrated solution in acetonitrile
LSD-1944-FB-1LA	1.0 mg base/1 mL	calibrated solution in acetonitrile
LSD-1944-FB-10	10 mg	powder
LSD-1944-FB-50	50 mg	powder
LSD-1944-FB-100	100 mg	powder



5-MeO-DMT.HCI
Synonym(s): 5-Methoxy-N,

Synonym(s): 5-Methoxy-N,N-dimethyltryptamine.HCl				
Molecular Formula	C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O.HCI	CAS Number 2427-79-4		
Molecular Weight	254.76	DEA Number 7431 Cl		
DMT-1957-HC-1LM	1.0 mg base/1 mL	calibrated solution in methanol		
DMT-1957-HC-10	10 mg	powder		
DMT-1957-HC-50	50 mg	powder		
DMT-1957-HC-100	100 mg	powder		



(S)-Norfluoxetine.oxalate			
Molecular Formula Molecular Weight	$C_{16}H_{10}D_6F_3NO.C_2H_2O_4$ 295.31 + 90.03	CAS Number 126924-38-7 (FB) DEA Number N/A	
FLX-1963-OX-1LM	1.0 mg base/1 mL	calibrated solution in methanol	
FLX-1963-OX-10	10 mg	powder	
FLX-1963-OX-50	50 mg	powder	
FLX-1963-OX-100	100 mg	powder	

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2-Oxo-3-hydroxy-LSD				
Synonym(s): 2-Oxo-3-	-hydroxy-lysergic acid	d diethylamide		
Molecular Formula	$C_{20}H_{25}N_{3}O_{3}$	CAS Number N/A		
Molecular Weight	355.43	DEA Number N/A		
LSD-1946-0.1LA	0.1 mg/1 mL	calibrated solution in acetonitrile		
LSD-1946-1LA	1.0 mg/1 mL	calibrated solution in acetonitrile		
LSD-1946-10	10 mg	powder		
LSD-1946-50	50 mg	powder		
LSD-1946-100	100 mg	powder		



#### Analytical Reference Standards New Products

	d,I-PMA-D <sub>3</sub> .HCl	hoxyamphetamine-D <sub>3</sub> .H	
	Molecular Formula	$C_{10}H_{12}D_3NO.HCI$	CAS Number N/A
$\wedge$ $\wedge$ $NH_2$	Molecular Weight	168.24 + 36.46	DEA Number 7411 Cl
	PMA-1941-HC-0.1LM	0.1 mg base/1 mL	calibrated solution in methanol
D <sub>3</sub> C /	PMA-1941-HC-1LM	1.0 mg base/1 mL	calibrated solution in methanol
	PMA-1941-HC-10	10 mg	powder
	PMA-1941-HC-50	50 mg	powder
	PMA-1941-HC-100	100 mg	powder
	Valproic acid-D <sub>6</sub>		
0 5	Synonym(s): Valproate	D <sub>6</sub>	
	Molecular Formula	$C_8H_{10}D_6O_2$	CAS Number N/A
ноло	Molecular Weight	150.25	DEA Number N/A
Ĺ	VAL-1953-0.1LM	0.1 mg/1 mL	calibrated solution in methanol
)_D	VAL-1953-1LM	1.0 mg/1 mL	calibrated solution in methanol
D D	VAL-1953-10 VAL-1953-50	10 mg 50 mg	colorless liquid colorless liquid
	VAL-1953-50	100 mg	colorless liquid
	Vortioxetine-D <sub>8</sub> .H	lBr	
$\sim$	Molecular Formula	$C_{18}H_{18}D_8N_2S.HBr$	CAS Number N/A
	Molecular Weight	306.50 + 80.91	DEA Number N/A
	VOX-1916-HB-0.1LM VOX-1916-HB-1LM	0.1 mg base/1 mL 1.0 mg base/1 mL	calibrated solution in methanol calibrated solution in methanol
	VOX-1916-HB-10	10 mg	powder
	VOX-1916-HB-50	50 mg	powder
ЧОНО	VOX-1916-HB-100	100 mg	powder
	Warfarin		
0	Molecular Formula	$C_{19}H_{16}O_4$	CAS Number 81-81-2
L L	Molecular Weight	308.33	DEA Number N/A
ОН	WAR-1922-10	10 mg	powder
	WAR-1922-50	50 mg	powder
	WAR-1922-100	100 mg	powder
	Zuclopenthixol		
	Molecular Formula	C <sub>22</sub> H <sub>25</sub> CIN <sub>2</sub> OS	CAS Number 53772-83-1
	Molecular Weight	400.97	DEA Number N/A
	ZUC-1923-10	10 mg	powder
CI	ZUC-1923-50	50 mg	powder
	ZUC-1923-100	100 mg	powder
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Notes	

### LIPOMED MAIL/FAX Quotation & Order Form

Contact Information			
Bill to	Ship to (if different from invoicing address)		
Customer/Company	Customer/Company		
Department	Department		
Address	Address		
Contact Person	Contact Person		
City, ZIP	City, ZIP		
State, Country	State, Country		
Phone	Phone		
Fax	Fax		
E-Mail Address	E-Mail Address		
No of pages (incl. this one)	Customer Account #		
Date of Request	Purchase Order		
Special instructions/Notes			

Product List				
Article-No.	Product Name	Qty	Unit Price	Total Price

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LIPOMED's Analytical Reference Standards currently include the following classes of substances, their deuterated analogues and metabolites, such as Glucuronides and Sulfates:

- >> Alcohol & Ethanol Biomarkers
- Amphetamines & Sympathomimetic amines
- > Antidepressants
- > Antipsychotics
- >> Barbiturates
- » Benzodiazepines
- » Cannabinoids

- >> Cathinones
- >> Cocaines
- >> Custom Mixtures
- >> Hallucinogens
- >> Opioids
- » Other CNS Depressants
- Steroids

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For more information about LIPOMED's Analytical Reference Standards, please visit our website www.lipomed.com.







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