



## 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.

- » Alcohol Mixture 4 (MIX-1808-2LH)
- » Alcohol Mixture 4 (MIX-1808-5LH)
- » Clozapine-D<sub>4</sub>
- » Dehydroaripiprazole
- » N-Desmethylolanzapine
- » 5F-APINACA
- » 3-(4-Fluorobenzoyl)-propionic acid
- » Hydroxybupropion-D<sub>6</sub>
- » Iso-LSD
- » Mesoridazine.besylate
- » Nortriptyline-D<sub>3</sub>.HCl
- » 2-Oxo-3-hydroxy-LSD
- » Protriptyline-D<sub>3</sub>.HCl
- » Trazodone-D<sub>6</sub>.HCl
- » Vilazodone-D<sub>4</sub>.HCl
- » Vortioxetine-D<sub>8</sub>.HBr

**new**

**Acetone  
Ethanol  
Isopropanol  
Methanol**

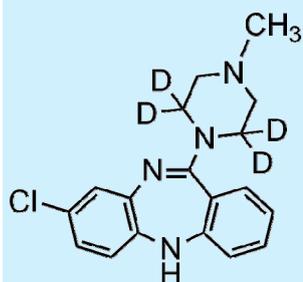
**Alcohol Mixture 4**

MIX-1808-2LH	2.0 mg/1 ml of each component	calibrated solution in water
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**Acetone  
Ethanol  
Isopropanol  
Methanol**

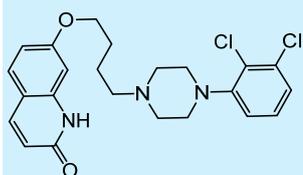
**Alcohol Mixture 4**

MIX-1808-5LH	5.0 mg/1 ml of each component	calibrated solution in water
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**Clozapine-D<sub>4</sub>**

$C_{18}H_{15}D_4N_4$	M.W.: 330.85	
CLZ-1913-FB-0.1LM	0.1 mg base/1 ml	calibrated solution in methanol
CLZ-1913-FB-1LM	1.0 mg base/1 ml	calibrated solution in methanol



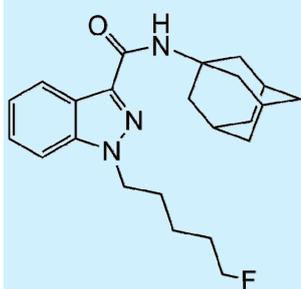
**Dehydroaripiprazole**

$C_{23}H_{25}Cl_2N_3O_2$	M.W.: 446.37	
ARP-1883-1LM	1.0 mg/1 ml	calibrated solution in methanol
ARP-1883-10	10 mg	powder
ARP-1883-50	50 mg	powder
ARP-1883-100	100 mg	powder



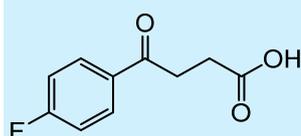
### N-Desmethyloanzapine

$C_{16}H_{18}N_4S$	M.W.: 298.41	
OLZ-1899-FB-1LA	1.0 mg base/1 ml	calibrated solution in acetonitrile
OLZ-1899-FB-10	10 mg	powder
OLZ-1899-FB-50	50 mg	powder
OLZ-1899-FB-100	100 mg	powder



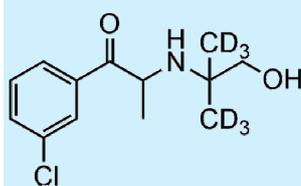
### 5F-APINACA

Synonym(s): 5F-AKB-48		
$C_{23}H_{30}FN_3O$	M.W.: 383.51	
AKB-1910-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
AKB-1910-1LM	1.0 mg/1 ml	calibrated solution in methanol
AKB-1910-10	10 mg	powder
AKB-1910-50	50 mg	powder
AKB-1910-100	100 mg	powder



### 3-(4-Fluorobenzoyl)-propionic acid

Synonym(s): Haloperidol metabolite III		
$C_{10}H_9FO_3$	M.W.: 196.18	
FPA-1879-FA-1LM	1.0 mg acid/1 ml	calibrated solution in methanol
FPA-1879-FA-10	10 mg	powder
FPA-1879-FA-50	50 mg	powder
FPA-1879-FA-100	100 mg	powder



### Hydroxybupropion-D<sub>6</sub>

$C_{13}H_{12}D_6ClNO_2$	M.W.: 261.78	
HBP-1912-FB-0.1LA	0.1 mg base/1 ml	calibrated solution in acetonitrile
HBP-1912-FB-1LA	1.0 mg base/1 ml	calibrated solution in acetonitrile
HBP-1912-FB-10	10 mg	powder
HBP-1912-FB-50	50 mg	powder
HBP-1912-FB-100	100 mg	powder



### Iso-LSD

Synonym(s): Iso-Lysergic acid diethylamide

$C_{20}H_{25}N_3O$  M.W.: 323.44

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



### Mesoridazine.besylate

$C_{21}H_{26}N_2OS_2 \cdot C_6H_6O_3S$  M.W.: 386.57 + 158.17

MES-1880-BS-10	10 mg	powder
MES-1880-BS-50	50 mg	powder
MES-1880-BS-100	100 mg	powder



### Nortriptyline-D<sub>3</sub>.HCl

$C_{19}H_{18}D_3N.HCl$  M.W.: 266.40 + 36.46

NTP-1909-HC-0.1LM	0.1 mg base/1 ml	calibrated solution in methanol
NTP-1909-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
NTP-1909-HC-10	10 mg	powder
NTP-1909-HC-50	50 mg	powder
NTP-1909-HC-100	100 mg	powder

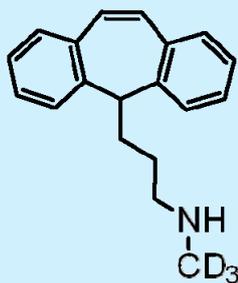


### 2-Oxo-3-hydroxy-LSD

Synonym(s): 2-Oxo-3-hydroxy-lysergic acid diethylamide

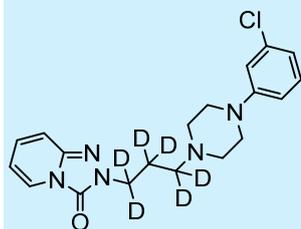
$C_{20}H_{25}N_3O_3$  M.W.: 355.43

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



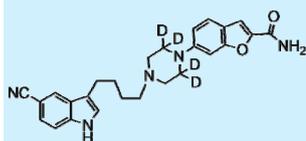
**Protriptyline-D<sub>3</sub>.HCl**

$C_{19}H_{18}D_3N.HCl$	M.W.: 266.40 + 36.46	
PTR-1901-HC-0.1LM	0.1 mg base/1 ml	calibrated solution in methanol
PTR-1901-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
PTR-1901-HC-10	10 mg	powder
PTR-1901-HC-50	50 mg	powder
PTR-1901-HC-100	100 mg	powder



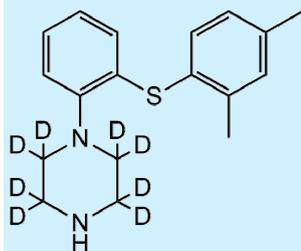
**Trazodone-D<sub>6</sub>.HCl**

$C_{19}H_{16}D_6ClN_5O.HCl$	M.W.: 377.90 + 36.46	
TZD-1904-HC-0.1LM	0.1 mg base/1 ml	calibrated solution in methanol
TZD-1904-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
TZD-1904-HC-10	10 mg	powder
TZD-1904-HC-50	50 mg	powder
TZD-1904-HC-100	100 mg	powder



**Vilazodone-D<sub>4</sub>.HCl**

$C_{26}H_{23}D_4N_5O_2.HCl$	M.W.: 445.56 + 36.46	
VZD-1905-HC-0.1LAH	0.1 mg base/1 ml	cal. solution in acetonitrile/water (1:1)
VZD-1905-HC-1LAH	1.0 mg base/1 ml	cal. solution in acetonitrile/water (1:1)
VZD-1905-HC-10	10 mg	powder
VZD-1905-HC-50	50 mg	powder
VZD-1905-HC-100	100 mg	powder



**Vortioxetine-D<sub>8</sub>.HBr**

$C_{18}H_{18}D_8N_2S.HBr$	M.W.: 306.50 + 80.91	
VOX-1916-HB-0.1LM	0.1 mg base/1 ml	calibrated solution in methanol
VOX-1916-HB-1LM	1.0 mg base/1 ml	calibrated solution in methanol
VOX-1916-HB-10	10 mg	powder
VOX-1916-HB-50	50 mg	powder
VOX-1916-HB-100	100 mg	powder





## Ordering & other information

LIPOMED is a private Swiss Health Care Company. We are one of the leading companies for Analytical Reference Standards worldwide and specialized in the research, development and manufacturing of ethical pharmaceuticals and products for the treatment of rare diseases.

Since 1993 LIPOMED is dedicated to providing products and services of outstanding quality and expertise. We have our own GMP/GDP and ISO 9001 certified pharmaceutical production facilities in Arlesheim, near Basel. We are also ISO/IEC 17025 accredited for testing of Analytical Reference Standards and ISO 17034 accredited for the production of Reference Material.

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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:

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- » Amphetamines & Sympathomimetic amines
- » Antidepressants
- » Antipsychotics
- » Barbiturates
- » Benzodiazepines
- » Cannabinoids
- » Cathinones
- » Cocaines
- » Custom Mixtures
- » Hallucinogens
- » Opioids
- » Other CNS Depressants
- » Steroids

### SWITZERLAND (HEADQUARTERS)

LIPOMED AG  
Fabrikmattenweg 4  
4144 Arlesheim  
Switzerland  
Tel +41 61 702 02 00  
Fax +41 61 702 02 20  
lipomed@lipomed.com

### GERMANY

LIPOMED GmbH  
Hegenheimer Str. 2  
79576 Weil am Rhein  
Germany  
Tel +49 7621 1693 473  
Fax +49 7621 1693 474  
lipomed@lipomed.com

### USA, CANADA, BERMUDA

LIPOMED Inc  
150 Cambridgepark Drive  
Cambridge, MA 02140  
USA  
Tel +1 617 577 7222  
Fax +1 617 577 1776  
ussales@lipomed.com

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