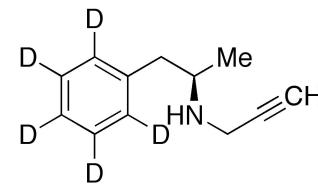


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number D230922 Lot Number 9-QFY-175-2

Product Name
R-(-)-N-Demethyl Deprenyl-d5

StructureSynonyms

(α R)- α -Methyl-N-2-propyn-1-yl-(benzene-d5)ethanamine; (-)-Desmethylselegiline-d5; (-)-N-Desmethylselegiline-d5; Desmethylselegiline-d5; L-Desmethyldeprenyl-d5; L-Nordeprenyl-d5; N-Desmethylselegiline-d5; Norselegiline-d5;

CAS Number

1217977-04-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₂H₁₀D₅NSource of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

178.29

Purity

97%

2. Warnings**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Yellow Oil	Clear Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.4%
Specific Rotation	Report Result	-1.9° (c = 0.2, Chloroform)

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.20%, d₄ = 7.76%, d₅ = 92.05%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			11/1/2022	10/30/2032

Henry Tieu
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Christina Gouliaras
Quality Assurance Associate