

1. Identification

Catalogue Number

P755842

Lot Number

11-ISU-14-1

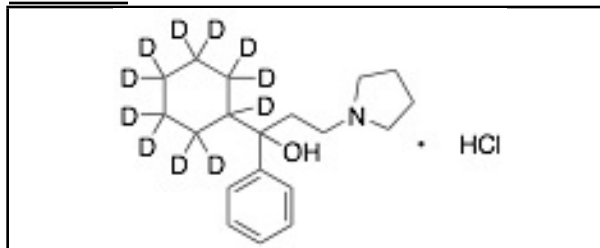
Product Name

Procyclidine-d11 Hydrochloride

Synonyms

α -Cyclohexyl- α -phenyl-1-(pyrrolidine)propanol Hydrochloride-d11; (\pm)-Procyclidine-d11 Hydrochloride; 1-Cyclohexyl-1-phenyl-3-(pyrrolidino)-1-propanol Hydrochloride-d11; Arpicolin-d11; Kemadrin-d11; Kemadrin-d11 Hydrochloride; Osnervan-d11; Tricyclamol-d11 Hydrochloride

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉H₁₈D₁₁NO (HCl)

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

298.51+(36.46)

Purity

97%

2. Warnings

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 67.90, %H: 8.90, %N: 4.52
HPLC Purity	Report Result	99.73% (210 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.3%



Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.00%, d₂ = 0.02%, d₃ = 0.01%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 0.00%, d₈ = 0.01%, d₉ = 0.26%, d₁₀ = 6.45%, d₁₁ = 93.24%

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>
R. Swathi			5/17/2023	5/15/2027
Swathi Reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		