

1. Identification

Catalogue Number

A575822

Lot Number

9-DHL-186-1

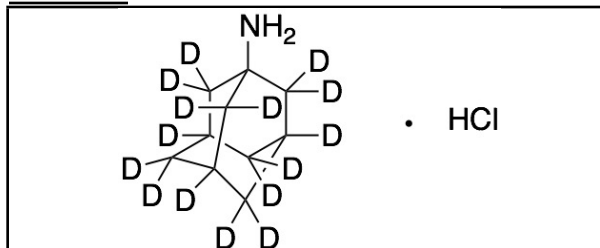
Product Name

Amantadine-d15 Hydrochloride

Synonyms

Tricyclo[3.3.1.1^{3,7}]decan-d15-1-amine Hydrochloride; EXP-105-1-d15; NSC-83653-d15; Adekin-d15; Lysovir-d15; Mantadan-d15; Mantadine-d15; Mantadix-d15; Symmetrel-d15; Virofral-d15; 1-Adamantan-d15-amine;

Structure



CAS Number

N/A

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₂D₁₅N • HCl

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

166.34 + 36.46

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

100.00% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.9%

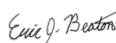
Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.04%, d₂ = 0.03%, d₃ = 0.00%, d₄ = 0.01%, d₅ = 0.00%, d₆ = 0.03%, d₇ = 0.01%, d₈ = 0.03%, d₉ = 0.06%, d₁₀ = 0.02%, d₁₁ = 0.00%, d₁₂ = 0.03%, d₁₃ = 0.78%, d₁₄ = 12.86%, d₁₅ = 86.11%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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

Reviewed by



Eric Beaton

Product Quality Specialist

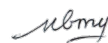
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



My Nguyen

Quality Assurance Associate

Test Date

12/2/2020

Retest Date

11/30/2027