

1. Identification

Catalogue Number

H924510

Lot Number

5-NVG-28-3

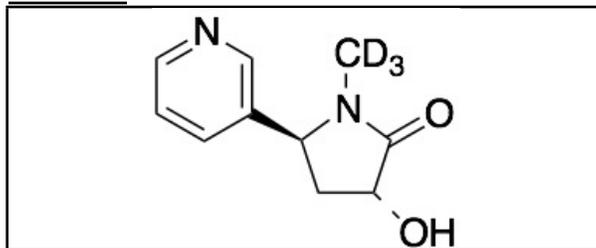
Product Name

rel-trans-3'-Hydroxy Cotinine-d3 (Racemic Mixture)

Synonyms

trans-3-Hydroxy-1-(methyl-d3)-5-(3-pyridinyl)-2-pyrrolidinone

Structure



CAS Number

159956-78-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₉D₃N₂O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

195.23

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.18, %H: 6.54, %N: 13.78

HPLC Purity

>95%

99.15% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9%

Additional Information

Normalized Intensity: d₀ = 0.04%, d₁ = 0.04%, d₂ = 0.04%, d₃ = 99.88%

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

12/12/2023

Retest Date

12/10/2027