



1. Identification

Catalogue Number

A794627

Lot Number

17-MGG-53-5

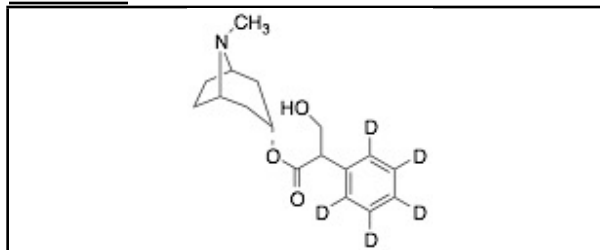
Product Name

Atropine-d5

Synonyms

α -(Hydroxymethyl)benzeneacetic Acid-d5 (3-endo)-8-Methyl-8-azabicyclo[3.2.1]

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

$C_{17}H_{18}D_5NO_3$

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

294.4

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 69.13, %H: 7.96, %N: 4.68

HPLC Purity

>95%

99.22% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.7%

Additional Information

Normalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 0.15\%$, $d_3 = 6.44\%$, $d_4 = 93.41\%$

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

Reviewed by

Reviewed by

C of A Approved by

Test Date

Retest Date

8/18/2023

8/16/2027

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