

1. Identification

Catalogue Number

M275897

Lot Number

7-SGP-19-3

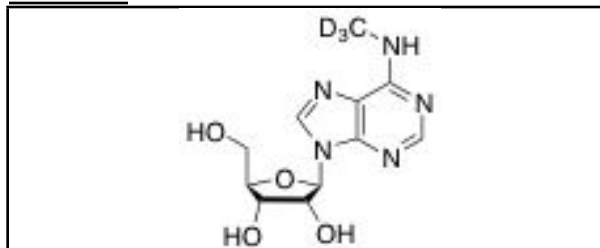
Product Name

N6-Methyladenosine-d3

Synonyms

6-Methyladenosine-d3; 6-Methylamino-9-β-D-ribofuranosylpurine-d3; 6-Methylaminopurine D-riboside-d3; 6-Methylaminopurine ribonucleoside-d3; 6-Methylaminopurine riboside-d3; 9-β-D-Ribofuranosyl-N6-methylaminopurine-d3;

Structure



CAS Number

139896-43-8

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₁H₁₂D₃N₅O₄

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

284.29

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 42.18, %H: 5.50, %N: 21.81

HPLC Purity

>95%

99.91% (265 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.5%

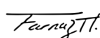
Additional Information

Normalized Intensity: d₀ = 0.44%, d₁ = 0.10%, d₂ = 0.00%, d₃ = 99.46%

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



Farnaz Mahmoudi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

3/31/2025

Retest Date

3/29/2032