



1. Identification

Catalogue Number

A825002

Lot Number

7-DPP-164-1

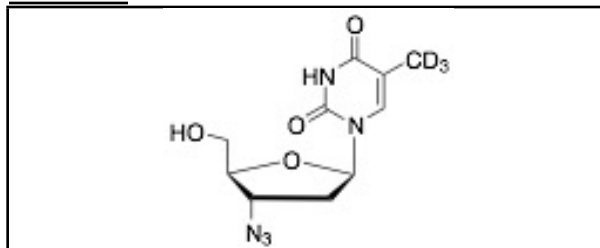
Product Name

3'-Azido-3'-deoxythymidine, Methyl-d3

Synonyms

AZT-d3; Zidovudine-d3; Retrovis-d3; Timazid-d3; Retrovir-d3; NSC 602670-d3;

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Ethanol (Slightly),
Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₁₀H₁₀D₃N₅O₄

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

270.26

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.89% (210 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.14%, d₃ = 99.86%

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

Sarjeet Kaur

Sarjeet Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

7/17/2023

Retest Date

7/15/2030