



CERTIFICATE OF ANALYSIS

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1. Identification

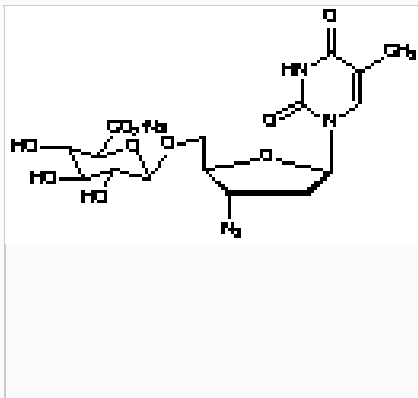
Catalogue Number: A825050

CAS Number: 133525-01-6

Product: 3'-Azido-3'-deoxythymidine b-D-glucuronide, Sodium Salt

Synonym: 3'-Azido-3'-deoxy-5'-O-β-D-glucopyranuronosyl-thymidine Monosodium Salt;

Structure:



Molecular Formula:

C₁₆H₂₀N₅NaO₁₀

Molecular weight:

465.35

Source of Product:

Synthetic

Solubility:

DMSO (Slightly, Heated, Sonicated), Methanol (Slightly), Water (Slightly)

Lot Number: 10-SUM-98-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Yellow Solid	Pale Beige to Pale Brown Solid
Elemental Analysis	Conforms	%C: 38.30, %H: 4.33, %N: 13.08
NMR	Conforms to Structure	Conforms
Specific Rotation	Report Result	+5.6° (c = 0.1, Water)
HPLC Purity	Report Result	99.06% (210 nm)
Sodium Content	Report Result	7.07% by Ion Chromatography
MS	Conforms to Structure	Conforms

Additional Information: N/A

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	11/3/2021	11/1/2025