



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:	C ₁₆ H ₂₀ N ₅ NaO ₁₀
		Molecular weight:	465.35
		Source of Product:	Synthetic
		Solubility:	DMSO (Slightly, Heated, Sonicated), Methanol (Slightly), Water (Slightly)
Lot Number:	1-MMH-84-9	Purity:	97%
Shipping Condition:	This Product Is Stable To Be Shipped At Room Temperature	Storage Condition:	-20°C

2. Warning

Warning 1: Hygroscopic **Warning 2:** **Warning 3:**

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Yellow Solid	Pale Yellow Solid
Melting Point	Report Result	>179°C (dec.)
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 36.17, %H: 4.60, %N: 12.60
MS	Conforms to Structure	Conforms
Water Content	Report Result	6.2% based on Elemental Analysis
Sodium Content	Report Result	6.84% by Ion Chromatography
Specific Rotation	Report Result	+10.5° (c = 0.3, Water)

Additional Information: NA

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
Xue Jing Zheng	Eric Beaton	Clarissa Santos	10/18/2018	10/16/2028

