CERTIFICATE OF ANALYSIS

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1. Identification

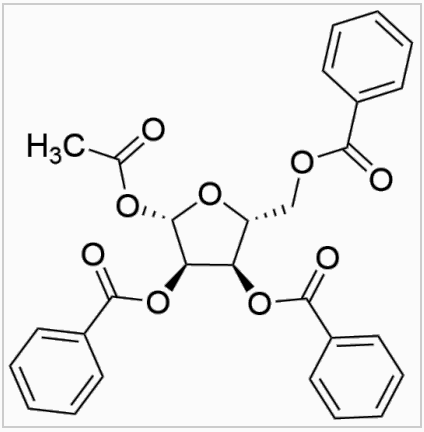
Catalogue Number: A189330

CAS Number: 6974-32-9

Synonym: β-D-Ribofuranose 1-Acetate 2,3,5-Tribenzoate; 1-O-Acetyl-2,3,5-tri-O-benzoyl-β-D-ribose; 2,3,5-Tri-O-benzoyl-β-D-ribofuranosyl Acetate; ABR; NSC 23349; Azacitidine USP Related Compound B

Product: 1-O-Acetyl-2,3,5-tri-O-benzoyl-b-D-ribofuranose

Structure:



Molecular Formula:

$C_{28}H_{24}O_9$

Molecular weight:

504.48

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly, Sonicated),

Lot Number: 5-EOD-96-1

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:
NMR	Conforms to structure	Conforms
MS	Conforms to Structure	Conforms
Melting Point	Report Results	127 - 129°C
Water Content	Report Result	Refer: Additional Information
Elemental Analysis	Conforms	Refer: Additional Information
Specific Rotation	Report Results	Refer: Additional Information
Appearance		White to Off-White Solid

Additional Information: TLC Conditions: C18; Isopropanol : Water = 6 : 4; Visualized with UV and AMCS; Single Spot, Rf = 0.40.1H NMR and MS conform to structureElemental Analysis: (Found) %C: 62.25, %H: 4.73; (Calculated) %C: 66.66, %H: 4.80Specific Rotation: +43.7° (c = 0.8, Chloroform)

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
Philip Chan 			7/9/2018	7/7/2025