



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

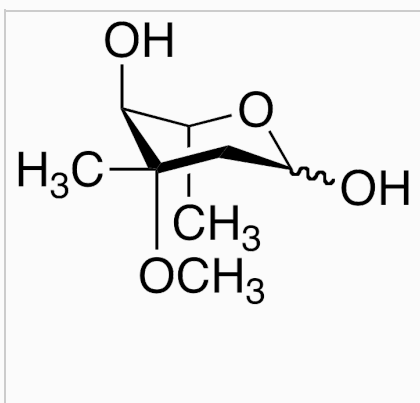
Catalogue Number: C557480

CAS Number: 470-12-2

Product: Cladinose

Synonym: 2,6-Dideoxy-3-C-methyl-3-O-methyl-ribo-hexose; Azithromycin Impurity 4; (4R,5S,6S)-4-Methoxy-4,6-dimethyltetrahydro-2H-pyran-2,5-diol

Structure:



Molecular Formula:

C₈H₁₆O₄

Molecular weight:

176.21

Source of Product:

Synthetic

Solubility:

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

Lot Number: 1-NAV-62-3

Purity: 97%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
MS	Conforms to Structure	Conforms
Appearance	Colourless to Light Yellow Oil to Thick Oil	Colourless to Light Yellow Thick Oil
NMR	Conforms to Structure	Conforms
GC	>95%	99.13%

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 $\pm 2\%$. 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	8/13/2021	8/11/2028