



CERTIFICATE OF ANALYSIS

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1. Identification

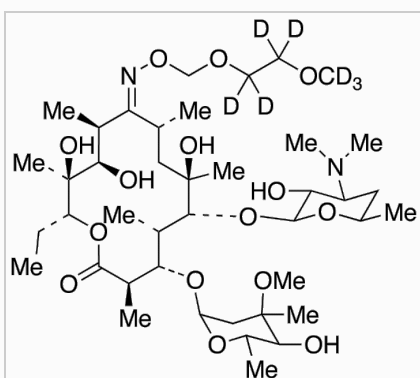
Catalogue Number: R700852

CAS Number: NA

Product: Roxithromycin-d7

Synonym: (9E)-9-[O-[(2-Methoxyethoxy-d7)methyl]oxime] Erythromycin; Assoral-d7; Brilid-d7; Claramid-d7; Forilin-d7; Overall-d7; RU 28965-d7; RU 965-d7; Rossitrol-7; Rotramin-d7; Roxeptin-d7; Roxid-d7; Roxithromycin-d7; Roxithromycin A-d7; Rulid-d7; Surlid-d7;

Structure:



Molecular Formula:

$C_{41}H_{69}D_7N_2O_{15}$

Molecular weight:

844.09

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 11-JMR-71-1

Purity: 96%

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	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.87, %H: 9.67, %N: 3.15
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-83.7° (c = 0.1, Chloroform)
Isotopic Purity	>95%	99.0% (d0 = 0.03%)
HPLC Purity	Report Result	98.41% (ELSD)

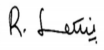
Additional Information: N/A

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

Swathi Reddy



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

1/10/2022

Retest Date

1/8/2026