

CERTIFICATE OF ANALYSIS

(Certificate No. KMR088004-01)

Release Date: 25/02/2025

Re-test Date: 24/02/2028

N-Nitroso -N-Demethyl Roxithromycin

Identification

Chemical Name :

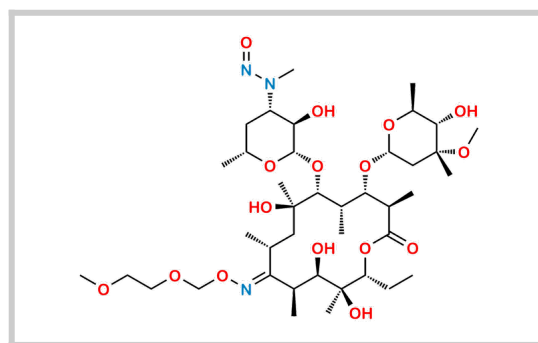
N-((2S,3R,4S,6R)-2-(((3R,4S,5S,6R,7R,9R,11S,12R,13S,14R,E)-14-ethyl-7,12,13-trihydroxy-4-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-10-(((2-methoxyethoxy)methoxy)imino)-3,5,7,9,11,13-hexamethyl-2-oxooxacyclotetradecan-6-yl)oxy)-3-hydroxy-6-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide

CAT No. : KMR088004

CAS No. : NA

Molecular Formula : C₄₀H₇₃N₃O₁₆

Molecular Weight : 852.0



Analytical Information

Batch No. : R088004-093

Description : Off white solid

HPLC Purity : NLT 95.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 95 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/02/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA