CERTIFICATE OF ANALYSIS

(Certificate No. KME001025-02)

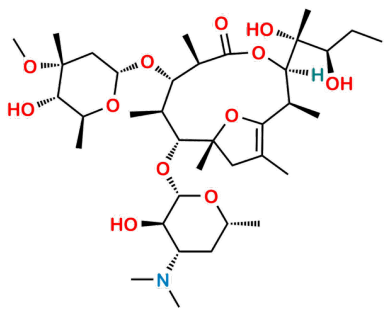
Release Date: 12/11/2025 **Re-test Date:** 11/11/2028

PSEUDOERYTHROMYCIN A ENOL ETHER

Identification

Chemical Name :
(15R,2R,3R,6R,7S,8S,9R)-7-[(2,6-dideoxy-3-C-methyl-3-O-methyl-α-L-ribo-hexopyranosyl)oxy]-3-[(2R,3R)-2,3-dihydroxypentan-2-yl]-13,15,2,6,8-pentamethyl-9-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-14,15-dihydro-4-oxa-1(2,5)-furanacyclononaphan-5-one (as per EP)

Alt. Name	: pseudoerythromycin A enol ether (EP)
CAT No.	: KME001025
CAS No.	: 105882-69-7
Molecular Formula	: C37H65NO12
Molecular Weight	: 715.9



Analytical Information

Batch No.	: E001025-102-370	**Solubility**	: ACN : Water (1:1)
Description	: White solid	**Mass**	: Confirm
HPLC Purity	: 97.43 %	**IR**	: Confirm
Weight Loss By TGA	: 4.36 %	**1H NMR**	: Confirm
% Potency	: 93.18 %		

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 - 4.36(Weight Loss By TGA)] x [97.43(HPLC Purity)]/100 = 93.18 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/11/2025

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