## **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- $\alpha$ -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)- $\beta$ -D-xylo-hexopyranosyl]oxy]-14,15-dihydro-4-oxa-1(2,5)-furanacyclononaphan-5-one (as per EP)

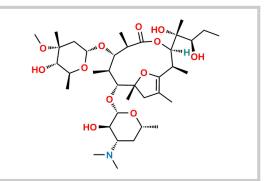
**Alt. Name** : pseudoerythromycin A enol ether

(EP)

**CAT No.** : KME001025 **CAS No.** : 105882-69-7

**Molecular Formula** : C37H65NO12

**Molecular Weight** : 715.9



# **Analytical Information**

Description: White solidMass: ConfirmHPLC Purity: 97.43 %IR: ConfirmWeight 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