## **CERTIFICATE OF ANALYSIS**

(Certificate No. KME001025-01)

**Release Date:** 11/03/2025 **Re-test Date:** 10/03/2028

# Pseudoerythromycin A Enol Ether

### **Identification**

#### **Chemical Name:**

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

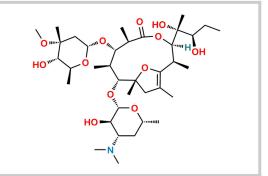
**Alt. Name** : pseudoerythromycin A enol ether

: C37H65NO12

(EP)

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

**Molecular Weight** : 715.9



## **Analytical Information**

**Molecular Formula** 

Batch No. **Solubility** : E001025-091-257 : Water **Description** : Off White Solid Mass : Confirm **HPLC Purity** IR : Confirm : 98.66 % Weight Loss By TGA : 0.76 % 1H NMR : Confirm

**% Potency** : 97.91 %

#### **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 - 0.76(Weight Loss By TGA)] x [98.66(HPLC Purity)]/100 = 97.91 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/03/2025

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