CERTIFICATE OF ANALYSIS

(Certificate No. KMA001042-01)

Release Date: 06/03/2026 **Re-test Date:** 05/03/2029

ZTA-III (DESMETHYL IMPURITY)

Identification

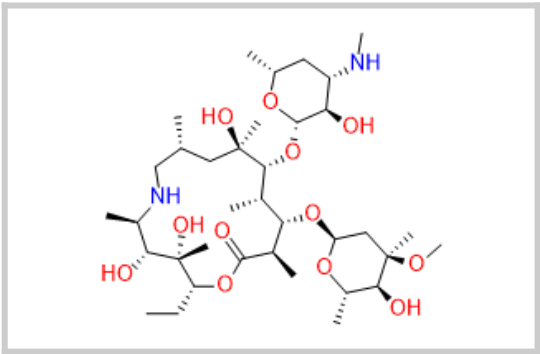
Chemical Name :
(2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-2-ethyl-3,4,10-trihydroxy-13-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-11-(((2S,3R,4S,6R)-3-hydroxy-6-methyl-4-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-3,5,8,10,12,14-hexamethyl-1-oxa-6-azacyclopentadecan-15-one

CAT No. : KMA001042

CAS No. : Not Available

Molecular Formula : C36H68N2O12

Molecular Weight : 720.93



Analytical Information

Batch No. : A001042-114-146

Description : Off White Solid

HPLC Purity : 97.19 %

Weight Loss By TGA : 3.85 %

% Potency : 93.45 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

1H 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 - 3.85(Weight Loss By TGA)] x [97.19(HPLC Purity)]/100 = 93.45 %
-Re-purified on 06.03.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		07/03/2026

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