

CERTIFICATE OF ANALYSIS

(Certificate No. KMA001037-01)

Release Date: 30/03/2026

Re-test Date: 29/03/2029

N-NITROSO OF ZTA-III

Identification

Chemical Name :

(2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-11-(((2S,3R,4S,6R)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-2-ethyl-3,4,10-trihydroxy-13-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-3,5,8,10,12,14-hexamethyl-6-nitroso-1-oxa-6-azacyclopentadecan-15-one (Mixture of E/Z Isomer)

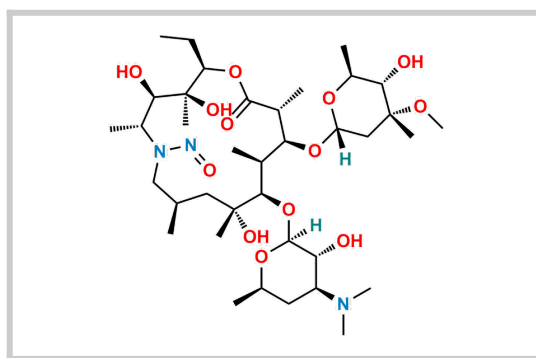
Alt. Name : N-Nitroso Azaerythromycin A ; N-Nitroso N-Desmethyl Azithromycin

CAT No. : KMA001037

CAS No. : Not Available

Molecular Formula : C37H69N3O13

Molecular Weight : 764



Analytical Information

Batch No. : AZA-ZTA-N-NO-045-265

Description : Off White Solid

HPLC Purity : 96.78 %

Weight Loss By TGA : 4.89 %

% Potency : 92.05 %

Solubility : *Refer in Additional information

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 = $[100 - 4.89(\text{Weight Loss By TGA})] \times [96.78(\text{HPLC Purity})]/100 = 92.05 \%$

-Mixture of isomer

-Re-tested on 30.03.2026

*Solubility: Insoluble in Water and Freely Soluble in 5mg/1.0 ml methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Vekariya		30/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/03/2026

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