

CERTIFICATE OF ANALYSIS

(Certificate No. KMV007001-01)

Release Date: 29/04/2024

Re-test Date: 28/04/2027

N-nitroso-vancomycin

Identification

Chemical Name :

22H-8,11,18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine

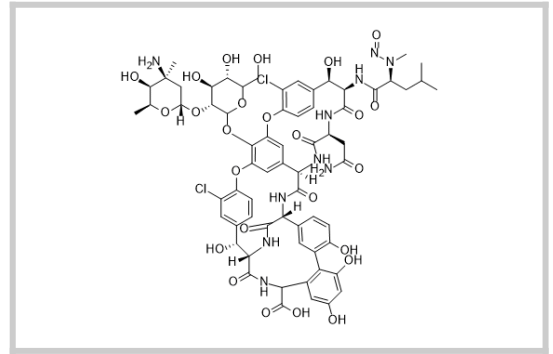
Alt. Name : N-nitroso-vancomycin

CAT No. : KMV007001

CAS No. : 155386-25-7

Molecular Formula : C₆₆H₇₄Cl₂N₁₀O₂₅

Molecular Weight : 1478.25



Analytical Information

Batch No. : VAN-N-NO-073-185

Description : Off White Solid

HPLC Purity : 96.20 %

Weight Loss By TGA : 3.99 %

% Potency : 92.36 %

Solubility : Water

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 - 3.99(Weight Loss By TGA)] x [96.20(HPLC Purity)]/100 = 92.36 %
-Mixture Of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/05/2024

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