CERTIFICATE OF ANALYSIS

(Certificate No. KMD037015-01)

Release Date: 17/12/2024 **Re-test Date:** 16/12/2027

N-Nitroso Dalbavancin

Identification

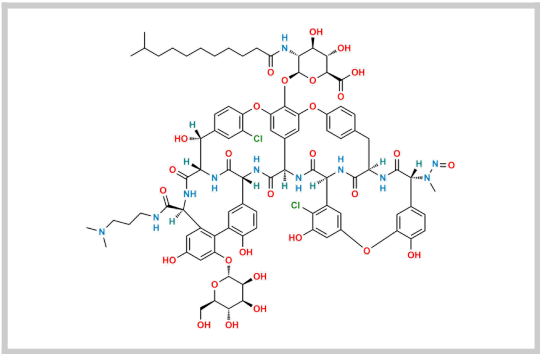
Chemical Name :
(2S,3S,4R,5R,6S)-6-(((3S,15R,18R,34R,35S,38S,48R,50aR)-5,31-Dichloro-38-((3-(dimethylamino)propyl)carbamoyl)-6,11,34,40,44-pentahydroxy-15-(methyl(nitroso)amino)-2,16,36,50,51,59-hexaoxo-42-(((2R,3S,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-1H,15H,34H-3,18:35,48-bis(epiminomethano)-20,23:30,33-dietheno-4,8:10,14:25,28:43,47-tetra(metheno)benzo[14,15][1]oxa[7,17]diazacyclotetracosino[4,5-d][1,14]dioxa[6,22]diazacyclooctacosin-56-yl)oxy)-3,4-dihydroxy-5-(10-methylundecanamido)tetrahydro-2H-pyran-2-carboxylic Acid

CAT No. : KMD037015

CAS No. : Not Available

Molecular Formula : C88H99Cl2N11O29

Molecular Weight : 1845.7



Analytical Information

Batch No.	: D037015-091-076	**Solubility**	: ACN : Water (9:1)
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 95.40 %	**IR**	: Confirm
Weight Loss By TGA	: 1.46 %	**1H NMR**	: Confirm
% Potency	: 94.01 %		

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 - 1.46(Weight Loss By TGA)] x [95.40(HPLC Purity)]/100 = 94.01 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/12/2024

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