

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD037015-01)

Release Date: 17/12/2024

Re-test Date: 16/12/2027

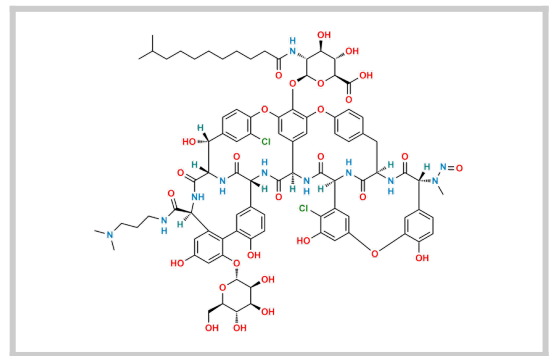
## N-Nitroso Dalbavancin

### 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]dioxo[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

<b>Batch No.</b>	: D037015-091-076	<b>Solubility</b>	: ACN : Water (9:1)
<b>Description</b>	: Light Yellow Solid	<b>Mass</b>	: Confirm
<b>HPLC Purity</b>	: 95.40 %	<b>IR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.46 %	<b>1H NMR</b>	: Confirm
<b>% Potency</b>	: 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** =  $[100 - 1.46(\text{Weight Loss By TGA})] \times [95.40(\text{HPLC Purity})]/100 = 94.01 \%$   
**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/12/2024

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