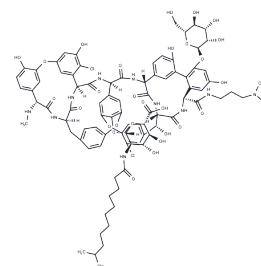


Dalbavancin

Chemical Properties

CAS No. :	171500-79-1
Formula:	C ₈₈ H ₁₀₀ Cl ₂ N ₁₀ O ₂₈
Molecular Weight:	1816.71
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dalbavancin (BI-397), a novel second-generation lipoglycopeptide antibiotic, possesses in vitro activity against a variety of Gram-positive pathogens including methicillin-resistant Staphylococcus aureus (MRSA) and methicillin-resistant Staphylococcus epidermidis (MRSE), Dalbavancin inhibits Staphylococcus aureus and Bacillus anthracis with MIC90s of 0.06 µg/mL and 0.25 µg/mL, respectively
Targets(IC50)	Antibacterial, Antibiotic

Solubility Information

Solubility	DMSO: 100 mg/mL (55.04 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5504 mL	2.7522 mL	5.5045 mL
5 mM	0.1101 mL	0.5504 mL	1.1009 mL
10 mM	0.055 mL	0.2752 mL	0.5504 mL
50 mM	0.011 mL	0.055 mL	0.1101 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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