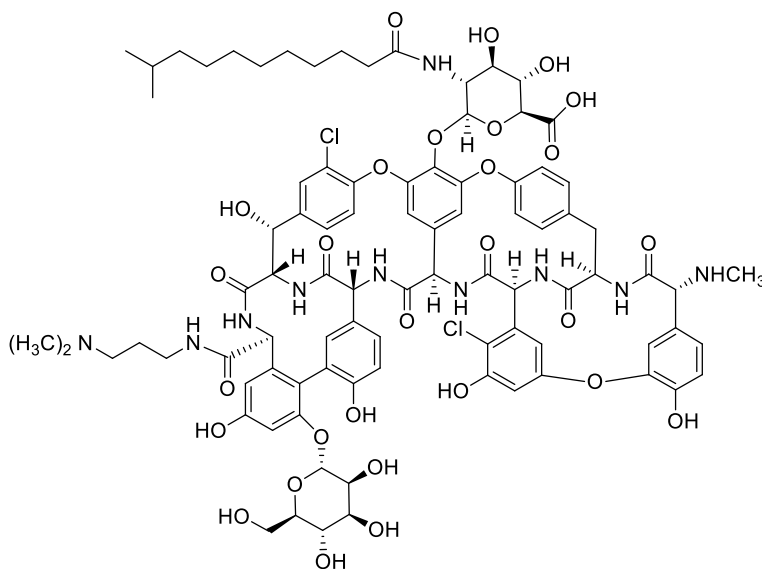


Dalbavancin

Code No.: **BIA-D1382**

Pack sizes: **1 mg, 5 mg**



Synonyms : A-A-1, Dalbavancin Ao, BI 397, MDL 63397

Specifications

CAS #	: 171500-79-1
Molecular Formula	: C₈₈H₁₀₀Cl₂N₁₀O₂₈
Molecular Weight	: 1816.7
Source	: Semi-synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Dalbavancin is a semi-synthetic glycopeptide prepared from A40926 by introducing a positively charged lipophilic moiety in a previously unexplored region of the natural glycopeptide. This modification provides a longer in vivo half life, and improved in vitro activity against a variety of Gram positive and multi-drug resistant isolates such as MRSA and MRSE.

References

1. New semisynthetic glycopeptides, MDL63,246 and MDL63,042, and other amide derivatives of Antibiotic A-40,926 active against highly glycopeptide-resistant VanA Enterococci. Malabarba A.J. *Antibiot.* 1995, 48, 869.
2. Dalbavancin: a novel antimicrobial. Chen A.Y. et al., *Int. J. Clin. Pract.* 2007, 61, 853.