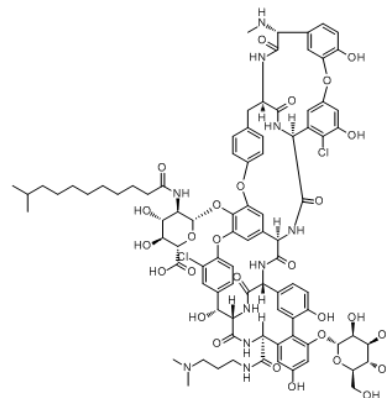


**Product Name** : Dalbavancin  
**Cat. No.** : PC-45372  
**CAS No.** : 171500-79-1  
**Molecular Formula** : C<sub>88</sub>H<sub>100</sub>Cl<sub>2</sub>N<sub>10</sub>O<sub>28</sub>  
**Molecular Weight** : 1816.692  
**Target** : Bacterial  
**Solubility** : DMSO: ≥ 24 mg/mL



## Biological Activity

Dalbavancin (MDL-63397, BI-397) is a novel second-generation lipoglycopeptide **antibiotic** with MIC<sub>90</sub> values of 0.06 µg/mL and 0.25 µg/mL for *Staphylococcus aureus* and *Bacillus anthracis*, respectively.

Dalbavancin exerts its bactericidal effect by disrupting cell wall biosynthesis.

Dalbavancin exhibits potent in vitro bactericidal activity against gram-positive pathogens including *S. aureus* (MRSA), VISA, and non-VanA strains of VRE.

## References

Chen AY, et al. *Int J Clin Pract.* 2007 May;61(5):853-63.

Boucher HW, et al. *N Engl J Med.* 2014 Jun 5;370(23):2169-79.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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