

**PRODUCT: Dalbavancin**

**ALTERNATE NAMES:** A-A 1; BI 397; Dalbavancin B0; MDL 63397; VER 001; 5,31-D ichloro-38-de(methoxycarbonyl)-7-demethyl-19-deoxy-56-O-[2-deoxy-2-[(10-methyl-1-oxoundecyl)amino]-β-D-glucopyranuronosyl]-38-[[[3-(dimethylamino)propyl]amino]carbonyl]-42-O-α-D-mannopyranosyl-N15-methyl-Ristomycin A aglycone

**CATALOG NUMBER:** B2099-1,5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

**MOLECULAR FORMULA:**  $C_{88}H_{100}Cl_2N_{10}O_{28}$

**MOLECULAR WEIGHT:** 1816.69

**CAS NUMBER:** 171500-79-1

**APPEARANCE:** White to yellow solid

**SOLUBILITY:** DMSO

**PURITY:** ≥90%

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Dalbavancin is a second-generation lipoglycopeptide antibiotic that is active against gram-positive pathogens, including methicillin-resistant *Staphylococcus aureus* (MRSA), and minimum inhibitory concentrations (MICs) are consistently <0.125 µg/ml, much lower than most other anti-MRSA agents.

**REFERENCE:** Dunne, M.W., *et al.* (2015). *J. Antimicrob. Agents* **45**, 393-398.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Amphotericin B (Cat. No. 2497-250, 1G, 5G)  
 Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)  
 Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)  
 EZSolution™ Ampicillin sodium (Cat. No. 2499-10)  
 Betulinic Acid (Cat. No. 1552-25)  
 Bexarotene (Cat. No. 1575-5, 50)  
 Blastidin S, Hydrochloride (Cat. No. 1859-25,100)  
 Capecitabine (Cat. No. 1741-100, 1000)  
 Carboplatin (Cat. No. 1553-100)  
 Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)  
 Cefotaxime Sodium, USP (Cat. No. B1510-1G, 5G, 25G)  
 Cisplatin (Cat. No. 1550-100,1000)  
 Cycloheximide (Cat. No. 1041-1G, 5G)  
 Cycloheximide (100 mM) (Cat. No. 1041-1)  
 Dalbavancin (Cat. No. B2099-1,5)  
 Daunorubicin.HCl (1524-10,50,500)  
 Doxorubicin HCl (Cat. No. 1527-5)  
 Fludarabine Phosphate (Cat. No. 1763-10, 50)  
 G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)  
 Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)  
 Genistein (Cat. No. 1533-10)  
 Nedaplatin (Cat. No. 1576-5)  
 Nystatin, USP Grade (Cat. No. B1509-1G, 5G, 25G)  
 Oxaliplatin (Cat. No. 1577-25)  
 Paclitaxel (Cat. No. 1567-25)  
 Penicillin G sodium (Cat. No. 2503-100, 500)  
 Penicillin G potassium (Cat. No. 2504-25, 100)  
 Polymyxin B Sulfate (Cat. No. 2496-10, 50, 100)  
 Puromycin Dihydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)  
 EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)  
 Streptozocin (Cat. No. 1930-100, 500, 1000)  
 Tamoxifen Citrate (Cat. No. 1551-1000)  
 Timentin (Cat. No. B1508-1G, 5G, 25G)  
 Vancomycin Hydrochloride (Cat. No. B1507-250, 1G, 5G)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**