

Product Information

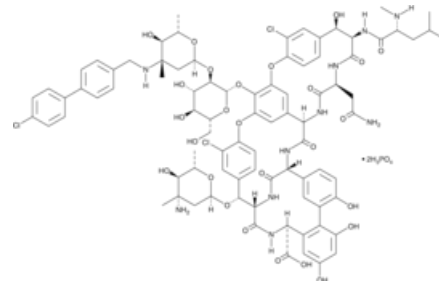


Oritavancin (phosphate)

Cat No: 24091 - 5 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥98%



Product Overview

Oritavancin is a semisynthetic glycopeptide antibiotic that inhibits the growth of Gram-positive bacteria.{39468} It inhibits transglycosylation and transpeptidation in the bacterial cell wall to disrupt membrane integrity.{39469,39470} Oritavancin inhibits the growth of clinical isolates from skin and soft-tissue infections, including methicillin-resistant and -susceptible *S. aureus* (MRSA, MSSA), vancomycin-resistant and -susceptible *E. faecium* (VREF, VSRF), as well as other staphylococci, streptococci, and enterococci (MIC90s = ≤0.008-0.5 mg/L){39471} Oritavancin inhibits growth of *S. aureus* in a neutropenic-mouse thigh model of infection (ED50 = 0.95 mg/kg for a single dose){39472} It improves survival in a mouse inhalation model of *B. anthracis* Ames anthrax when administered prophylactically pre- and postexposure and when administered post symptom development.{39473} Formulations containing oritavancin have been used to treat bacterial skin infections.

FP/03/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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