

# Product Information

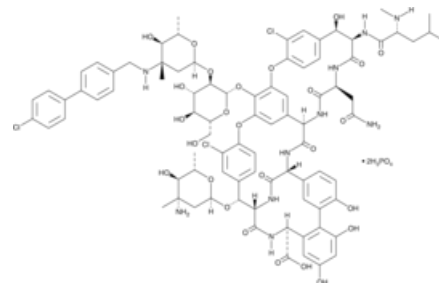


## Oritavancin (phosphate)

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.

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

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