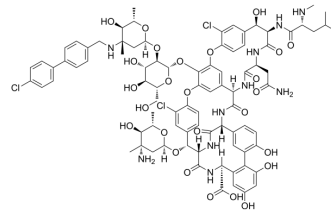


## Oritavancin

<b>Cat. No.:</b>	HY-B1831
<b>CAS No.:</b>	171099-57-3
<b>Molecular Formula:</b>	C <sub>86</sub> H <sub>97</sub> Cl <sub>3</sub> N <sub>10</sub> O <sub>26</sub>
<b>Molecular Weight:</b>	1793.1
<b>Target:</b>	Antibiotic; Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Oritavancin (LY 333328) is an orally active glycopeptide antibiotic with activity against gram-positive organisms. Oritavancin shows antibacterial effect against multidrug-resistant <i>S. pneumoniae</i> . Oritavancin inhibits cell wall synthesis and disrupts the membrane potential <sup>[1][2]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Glycopeptide

### CUSTOMER VALIDATION

- Emerg Microbes Infect. 2019;8(1):503-515.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Coyle EA, et al. Activity of oritavancin (LY333328), an investigational glycopeptide, compared to that of vancomycin against multidrug-resistant *Streptococcus pneumoniae* in an in vitro pharmacodynamic model. *Antimicrob Agents Chemother.* 2001 Mar;45(3):706-9.

[2]. Arhin FF, et al. Effect of polysorbate 80 on oritavancin binding to plastic surfaces: implications for susceptibility testing. *Antimicrob Agents Chemother.* 2008 May;52(5):1597-603.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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