

## Tigecycline

Catalog No: #S1569

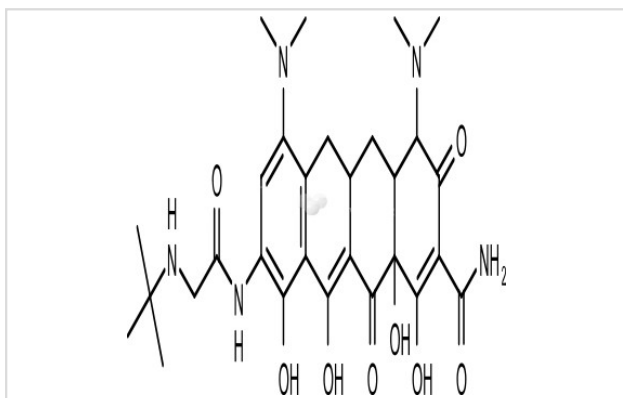
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## Description

Product Name	Tigecycline
Brief Description	Inhibitors
Purification	99.50%
Target Name	ribosome inhibitor
Calculated MW	585.65
Formulation	C29H39N5O8
Storage	3 years -20°C powder;2 years -80°C in solvent;

## Images



## Product Description

## Research

Area: Immunology SMILES: CC(C)(C)NCC(=O)NC1=C(C2=C(C[C@H]3C[C@H]4[C@@H](C(=O)C(=C1[C@]4(C(=O)C3=C2O)O)O)C(=O)N)N(C)C(C(=C1)N(C)C)O Pathways: Microbiology&virology Receptor: 30S ribosome Boiling pt: 890.92°C Melting pt: 164-166°C Solubility: Water: 100 mg/mL (170.75 mM); DMSO: 100 mg/mL (170.75 mM) Appearance: Yellow Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Livermore DM, et al. J Antimicrob ChemOthers, 2005, 56(4), 611-614.

Note: This product is for in vitro research use only