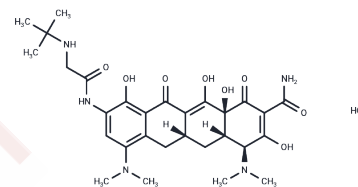


Tigecycline hydrochloride

Chemical Properties

CAS No. :	197654-04-9
Formula:	C ₂₉ H ₄₀ ClN ₅ O ₈
Molecular Weight:	622.11
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Tigecycline hydrochloride is a first-in-class, broad-spectrum antibiotic. It also has activity against antibiotic-resistant organisms.
Targets(IC50)	Others,Antibacterial,Antibiotic,Autophagy

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6074 mL	8.0372 mL	16.0743 mL
5 mM	0.3215 mL	1.6074 mL	3.2149 mL
10 mM	0.1607 mL	0.8037 mL	1.6074 mL
50 mM	0.0321 mL	0.1607 mL	0.3215 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Nicholas Kwiatkowski, Tinghu Zhang, Peter B. Rahl et al. Targeting transcription regulation in cancer with a covalent CDK7 inhibitor. Nature, 2014.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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