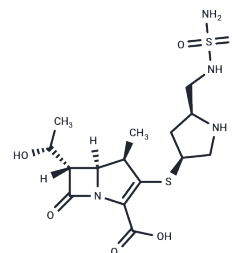


Doripenem

Chemical Properties

CAS No. :	148016-81-3
Formula:	C ₁₅ H ₂₄ N ₄ O ₆ S ₂
Molecular Weight:	420.5
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Doripenem is a new parenteral carbapenem antibiotic with broad-spectrum activity against gram-negative and gram-positive pathogens.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 27.5 mg/mL (65.4 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3781 mL	11.8906 mL	23.7812 mL
5 mM	0.4756 mL	2.3781 mL	4.7562 mL
10 mM	0.2378 mL	1.1891 mL	2.3781 mL
50 mM	0.0476 mL	0.2378 mL	0.4756 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.

Reference

Wagenlehner, Florian, M, et al. Ceftazidime-avibactam Versus Doripenem for the Treatment of Complicated Urinary Tract Infections, Including Acute Pyelonephritis: RECAPTURE, a Phase 3 Randomized Trial Program[[J](#)].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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