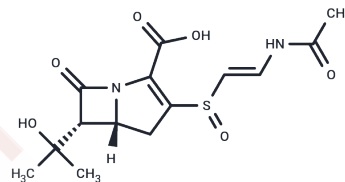


Carpetimycin A

Chemical Properties

CAS No. :	76025-73-5
Formula:	C ₁₄ H ₁₈ N ₂ O ₆ S
Molecular Weight:	342.368
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	Carpetimycin A exhibits potent activity against both Gram-positive and Gram-negative bacteria, including those that produce β -lactamase. It also acts as a strong inhibitor of β -lactamase.
Targets(IC50)	Antibacterial, Beta-lactamase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9208 mL	14.6041 mL	29.2082 mL
5 mM	0.5842 mL	2.9208 mL	5.8416 mL
10 mM	0.2921 mL	1.4604 mL	2.9208 mL
50 mM	0.0584 mL	0.2921 mL	0.5842 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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