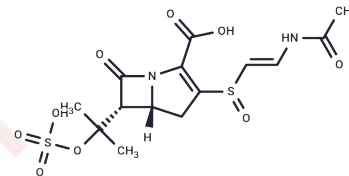


Carpetimycin B

Chemical Properties

CAS No. :	76094-36-5
Formula:	C ₁₄ H ₁₈ N ₂ O ₉ S ₂
Molecular Weight:	422.431
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 B exhibits potent activity against both Gram-positive and Gram-negative bacteria, including those that produce β -lactamase. Carpetimycin B is also a strong inhibitor of β -lactamase (β -lactamase).
Targets(IC50)	Antibacterial, Beta-lactamase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3673 mL	11.8363 mL	23.6726 mL
5 mM	0.4735 mL	2.3673 mL	4.7345 mL
10 mM	0.2367 mL	1.1836 mL	2.3673 mL
50 mM	0.0473 mL	0.2367 mL	0.4735 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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