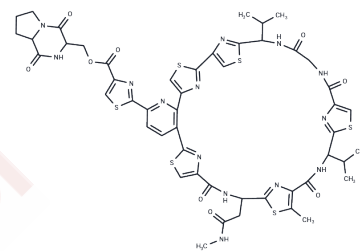


Amythiamicin C

Chemical Properties

CAS No. :	156620-47-2
Formula:	C ₅₀ H ₅₀ N ₁₄ O ₉ S ₆
Molecular Weight:	1183.41
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	Amythiamicin C is an antimicrobial antibiotic effective against Gram-positive bacteria, including methicillin-resistant Staphylococcus aureus (MRSA), and also exhibits activity against Plasmodium falciparum (the causative agent of malaria).
Targets(IC50)	Antibacterial, Antibiotic, Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.845 mL	4.2251 mL	8.4502 mL
5 mM	0.169 mL	0.845 mL	1.690 mL
10 mM	0.0845 mL	0.4225 mL	0.845 mL
50 mM	0.0169 mL	0.0845 mL	0.169 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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