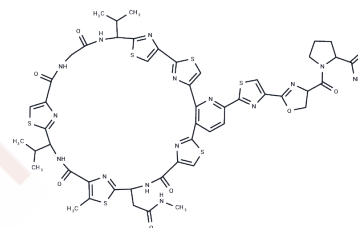


Amythiamicin A

Chemical Properties

CAS No. :	152741-89-4
Formula:	C ₅₀ H ₅₁ N ₁₅ O ₈ S ₆
Molecular Weight:	1182.43
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 A is an antibiotic effective against gram-positive bacteria, including Methicillin-resistant Staphylococcus aureus (MRSA), and exhibits activity against Plasmodium falciparum.
Targets(IC50)	Antibacterial, Antibiotic, Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8457 mL	4.2286 mL	8.4572 mL
5 mM	0.1691 mL	0.8457 mL	1.6914 mL
10 mM	0.0846 mL	0.4229 mL	0.8457 mL
50 mM	0.0169 mL	0.0846 mL	0.1691 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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