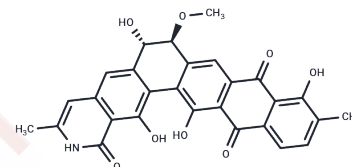


Ericamycin

Chemical Properties

CAS No. :	11052-01-0
Formula:	C ₂₈ H ₂₁ N ₀ O ₈
Molecular Weight:	499.468
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	Ericamycin is an antibiotic with antibacterial activity against Gram-positive bacteria. It effectively inhibits Staphylococcus aureus, with a minimum inhibitory concentration (MIC) ranging from 0.004 to 0.016 µg/mL.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0021 mL	10.0106 mL	20.0212 mL
5 mM	0.4004 mL	2.0021 mL	4.0042 mL
10 mM	0.2002 mL	1.0011 mL	2.0021 mL
50 mM	0.040 mL	0.2002 mL	0.4004 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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