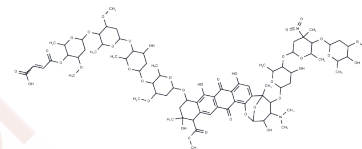


Arugomycin

Chemical Properties

CAS No. :	88465-80-9
Formula:	C ₈₀ H ₁₁₂ N ₂ O ₃₇
Molecular Weight:	1693.74
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	Arugomycin is an anthracycline natural product that functions as an antibiotic effective against Gram-positive bacteria. It has the ability to intercalate into DNA, giving it potential as an antitumor agent.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5904 mL	2.952 mL	5.904 mL
5 mM	0.1181 mL	0.5904 mL	1.1808 mL
10 mM	0.059 mL	0.2952 mL	0.5904 mL
50 mM	0.0118 mL	0.059 mL	0.1181 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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