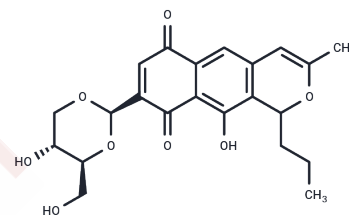


Alnumycin

Chemical Properties

CAS No. :	207225-51-2
Formula:	C ₂₂ H ₂₄ O ₈
Molecular Weight:	416.421
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	Alnumycin is a naphthoquinone antibiotic with narrow-spectrum antibacterial activity against Gram-positive bacteria. It inhibits the growth of K562 human leukemia cells, with an IC ₅₀ of 0.53 µg/mL.
Targets(IC ₅₀)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4014 mL	12.0071 mL	24.0142 mL
5 mM	0.4803 mL	2.4014 mL	4.8028 mL
10 mM	0.2401 mL	1.2007 mL	2.4014 mL
50 mM	0.048 mL	0.2401 mL	0.4803 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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