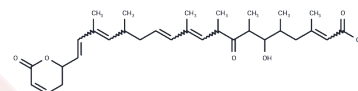


Anguinomycin A

Chemical Properties

CAS No. :	111278-01-4
Formula:	C ₃₁ H ₄₄ O ₆
Molecular Weight:	512.687
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	Anguinomycin A is an antibiotic first isolated from a <i>Streptomyces</i> sp. and analog of leptomycin B that is highly cytotoxic to mouse P388 leukemia cells in vitro (IC ₅₀ = 0.1-0.2 ng/ml). It also demonstrates antitumor activity at 62.5 µg/kg/day against Lewis lung carcinoma in mice.
Targets(IC ₅₀)	Others,Antibiotic

Solubility Information

Solubility	Methanol: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9505 mL	9.7525 mL	19.505 mL
5 mM	0.3901 mL	1.9505 mL	3.901 mL
10 mM	0.195 mL	0.9752 mL	1.9505 mL
50 mM	0.039 mL	0.195 mL	0.3901 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481