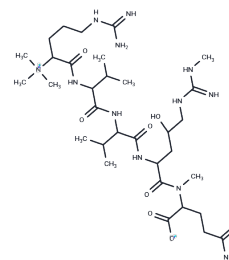


Argimicin A

Chemical Properties

CAS No. :	321846-46-2
Formula:	C32H62N12O8
Molecular Weight:	742.91
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	Argimicin A is an antibiotic isolated from <i>Sphingomonas</i> sp. It exhibits algicidal activity against toxic cyanobacteria, specifically inhibiting <i>M. viridis</i> and <i>M. aeruginosa</i> , with IC50 values of 12 ng/mL and 100 ng/mL, respectively.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3461 mL	6.7303 mL	13.4606 mL
5 mM	0.2692 mL	1.3461 mL	2.6921 mL
10 mM	0.1346 mL	0.673 mL	1.3461 mL
50 mM	0.0269 mL	0.1346 mL	0.2692 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