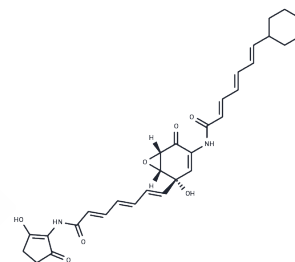


Asukamycin

Chemical Properties

CAS No. :	61116-33-4
Formula:	C ₃₁ H ₃₄ N ₂ O ₇
Molecular Weight:	546.61
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	Asukamycin is polyketide isolated from the <i>S. nodosus</i> subspecies <i>asukaensis</i> that demonstrates a broad range of antibiotic functions. It has been shown to inhibit growth of various tumor cell lines by activating caspases 8 and 3.
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8295 mL	9.1473 mL	18.2946 mL
5 mM	0.3659 mL	1.8295 mL	3.6589 mL
10 mM	0.1829 mL	0.9147 mL	1.8295 mL
50 mM	0.0366 mL	0.1829 mL	0.3659 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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