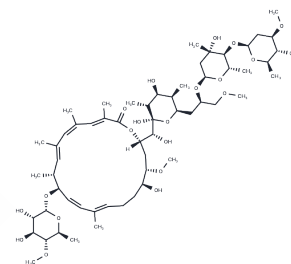


Apoptolidin

Chemical Properties

CAS No. :	194874-06-1
Formula:	C58H96O21
Molecular Weight:	1129.385
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	Apoptolidin is an apoptosis inducer originally isolated from Nocardiosis bacteria. It inhibits the mitochondrial F1FO ATPase (Ki = 4-5 μM). Apoptolidin selectively kills transformed glial cells without significantly affecting untransformed cells. It also has antibiotic and antifungal actions.
Targets(IC50)	Apoptosis,ATPase,Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	0.8854 mL	4.4272 mL	8.8543 mL
5 mM	0.1771 mL	0.8854 mL	1.7709 mL
10 mM	0.0885 mL	0.4427 mL	0.8854 mL
50 mM	0.0177 mL	0.0885 mL	0.1771 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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