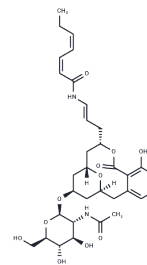


Apicularen B

Chemical Properties

CAS No. :	220757-06-2
Formula:	C ₃₃ H ₄₄ N ₂ O ₁₁
Molecular Weight:	644.71
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	Apicularen B, a V-ATPase inhibitor and cytotoxic macrolide derived from the myxobacterium Archangium gephyra, can be utilized in studies of V-ATPase-related diseases such as osteopetrosis [1] [2].
Targets(IC50)	Proton pump

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5511 mL	7.7554 mL	15.5108 mL
5 mM	0.3102 mL	1.5511 mL	3.1022 mL
10 mM	0.1551 mL	0.7755 mL	1.5511 mL
50 mM	0.031 mL	0.1551 mL	0.3102 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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