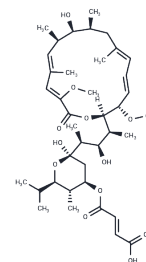


Bafilomycin C1

Chemical Properties

CAS No. :	88979-61-7
Formula:	C ₃₉ H ₆₀ O ₁₂
Molecular Weight:	720.89
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	vacuolar H ⁺ -ATPases (V-ATPases) inhibitor
Targets(IC50)	Apoptosis,ATPase,Others,Antibacterial,Antibiotic,Antifungal

Solubility Information

Solubility	DMSO: 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	1.3872 mL	6.9359 mL	13.8717 mL
5 mM	0.2774 mL	1.3872 mL	2.7743 mL
10 mM	0.1387 mL	0.6936 mL	1.3872 mL
50 mM	0.0277 mL	0.1387 mL	0.2774 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.

Reference

Kimura S, Naito H, Segawa H, et al. NS-187, a potent and selective dual Bcr-Abl/Lyn tyrosine kinase inhibitor, is a novel agent for imatinib-resistant leukemia. Blood, 2005, 106(12): 3948-3954.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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