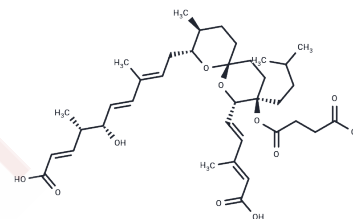


Reveromycin C

Chemical Properties

CAS No. :	144860-69-5
Formula:	C37H54O11
Molecular Weight:	674.82
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	Reveromycin C is a polyketide compound originally isolated from Streptomyces, exhibiting antifungal activity against Candida albicans with a MIC of 2.0 µg/mL at pH 3 and >500 µg/mL at pH 7.4. It inhibits EGF-induced mitogenic activity in Balb/MK mouse epidermal cell lines. Additionally, it reverses the morphology of sarcoma virus-transformed NRK rat kidney cells (EC50 = 1.58 µg/mL) and inhibits the proliferation of KB cells and K562 human chronic myelogenous leukemia cells (IC50 = 2.0 µg/mL for both).
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4819 mL	7.4094 mL	14.8188 mL
5 mM	0.2964 mL	1.4819 mL	2.9638 mL
10 mM	0.1482 mL	0.7409 mL	1.4819 mL
50 mM	0.0296 mL	0.1482 mL	0.2964 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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