

14-epi-Berkeleylactone F

Chemical Properties

CAS No. :	3085255-21-3
Formula:	C16H28O5
Molecular Weight:	300.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	14-epi-Berkeleylactone F (Compound 8) is a diastereomer of Berkeleylactone F differing at the C-14 position. It can be isolated from <i>Penicillium turbatum</i> NRRL 5630. This compound exhibits no significant biological activity against bacteria (<i>Staphylococcus aureus</i> , <i>Bacillus subtilis</i> , and <i>E. coli</i>), the fungus <i>Candida albicans</i> , the parasite <i>Giardia duodenalis</i> , or NS-1 mouse myeloma cells.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3289 mL	16.6445 mL	33.2889 mL
5 mM	0.6658 mL	3.3289 mL	6.6578 mL
10 mM	0.3329 mL	1.6644 mL	3.3289 mL
50 mM	0.0666 mL	0.3329 mL	0.6658 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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