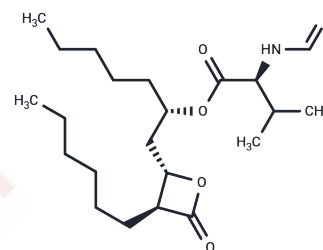


Valilactone

Chemical Properties

CAS No. :	113276-96-3
Formula:	C22H39NO5
Molecular Weight:	397.556
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	Valilactone is a fatty acid synthase inhibitor, which is produced by a cultured strain of soil actinomycetes.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5153 mL	12.5767 mL	25.1534 mL
5 mM	0.5031 mL	2.5153 mL	5.0307 mL
10 mM	0.2515 mL	1.2577 mL	2.5153 mL
50 mM	0.0503 mL	0.2515 mL	0.5031 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

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- Ma G, Zancanella M, Oyola Y, Richardson RD, Smith JW, Romo D. Total synthesis and comparative analysis of orlistat, valilactone, and a transposed orlistat derivative: Inhibitors of fatty acid synthase. *Org Lett*. 2006 Sep 28;8(20):4497-500. PubMed PMID: 16986934.
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