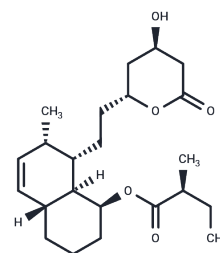


Dihydrocompactin

Chemical Properties

CAS No. :	78366-44-6
Formula:	C ₂₃ H ₃₆ O ₅
Molecular Weight:	392.529
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	Dihydrocompactin is an antifungal metabolite derived from <i>Penicillium citrinum</i> and acts as an inhibitor of 3-hydroxy-3-methylglutaryl coenzyme-A reductase (HMG-CoA reductase).
Targets(IC50)	Antibiotic,HMG-CoA Reductase,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5476 mL	12.7379 mL	25.4758 mL
5 mM	0.5095 mL	2.5476 mL	5.0952 mL
10 mM	0.2548 mL	1.2738 mL	2.5476 mL
50 mM	0.051 mL	0.2548 mL	0.5095 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481