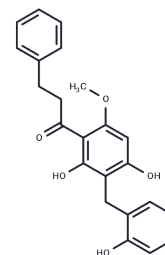


Uvaretin

Chemical Properties

CAS No. :	58449-06-2
Formula:	C ₂₃ H ₂₂ O ₅
Molecular Weight:	378.424
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	Uvaretin demonstrates potent antibacterial activity against <i>B. subtilis</i> (EC ₅₀ : 8.7 μM) and <i>S. epidermidis</i> (IC ₅₀ : 7.9 μM).
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 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

Maeda G, et al. Oxygenated Cyclohexene Derivatives from the Stem and Root Barks of *Uvaria pandensis*. *J Nat Prod.* 2021 Nov 21.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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