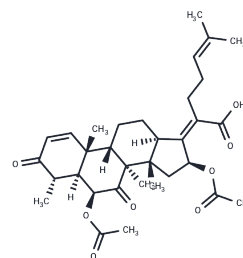


Helvolic acid

Chemical Properties

CAS No. :	29400-42-8
Formula:	C ₃₃ H ₄₄ O ₈
Molecular Weight:	568.7
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	Helvolic acid, an antibiotic derived from <i>Xylaria</i> sp., exhibits effectiveness against Gram-positive bacteria.
Targets(IC50)	Others, Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7584 mL	8.792 mL	17.584 mL
5 mM	0.3517 mL	1.7584 mL	3.5168 mL
10 mM	0.1758 mL	0.8792 mL	1.7584 mL
50 mM	0.0352 mL	0.1758 mL	0.3517 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

Ratnaweera PB, et al. Helvolic acid, an antibacterial nortriterpenoid from a fungal endophyte, *Xylaria* sp. of orchid *Anoectochilus setaceus* endemic to Sri Lanka. *Mycology*. 2014 Mar;5(1):23-28. Epub 2014 Mar 25.

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