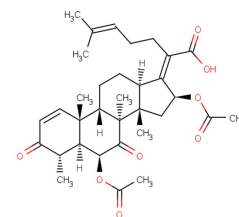


Helvolic acid

Chemical Properties

CAS No.:	29400-42-8
Formula:	C ₃₃ H ₄₄ O ₈
Molecular Weight:	568.7
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Helvolic acid is an antibiotic isolated from <i>Xylaria</i> sp, active against the Gram-positive bacteria.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.758 mL	8.792 mL	17.584 mL
5 mM	0.352 mL	1.758 mL	3.517 mL
10 mM	0.176 mL	0.879 mL	1.758 mL
50 mM	0.035 mL	0.176 mL	0.352 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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