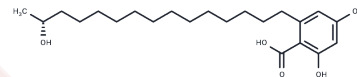


Phanerosporic Acid

Chemical Properties

CAS No. :	124709-28-0
Formula:	C ₂₂ H ₃₆ O ₅
Molecular Weight:	380.52
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	Phanerosporic acid is a fungal secondary metabolite originally isolated from <i>P. chrysosporum</i> that has antibacterial activity against <i>B. cereus</i> , <i>B. subtilis</i> , and <i>E. coli</i> and antifungal activity against <i>S. cerevisiae</i> , <i>A. niger</i> , <i>O. ulmi</i> , <i>U. maydis</i> , <i>C. cucumerinum</i> , <i>C. cladosporioides</i> , and <i>B. cinerea</i> . ¹ It has been used in the synthesis of macrolide derivatives.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	Ethanol: Soluble Methanol: Soluble DMSO: Soluble DMF: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.628 mL	13.1399 mL	26.2798 mL
5 mM	0.5256 mL	2.628 mL	5.256 mL
10 mM	0.2628 mL	1.314 mL	2.628 mL
50 mM	0.0526 mL	0.2628 mL	0.5256 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

Arnone, A., Assante, G., Nasini, G., et al. Phanerosporic acid, a β -resorcyate obtained from Phanerochaete chrysosporium. *Phytochemistry* 28(10), 2803-2806 (1989).

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