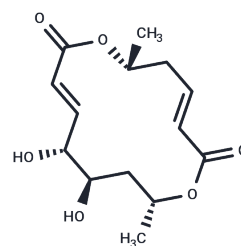


Colletodiol

Chemical Properties

CAS No. :	21142-67-6
Formula:	C ₁₄ H ₂₀ O ₆
Molecular Weight:	284.308
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Colletodiol is a fungal metabolite that has been found in <i>D. grovesii</i> and has immunosuppressant and antiviral activities. ^{1,2} It inhibits concanavalin A- or LPS-induced proliferation of isolated mouse splenocytes (IC ₅₀ s = 12 and 5 µg/ml, respectively). ¹ Colletodiol inhibits influenza A viral replication in HeLa-IAV-Luc cells. ²
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Solubility Information

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

	1mg	5mg	10mg
1 mM	3.5173 mL	17.5864 mL	35.1729 mL
5 mM	0.7035 mL	3.5173 mL	7.0346 mL
10 mM	0.3517 mL	1.7586 mL	3.5173 mL
50 mM	0.0703 mL	0.3517 mL	0.7035 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.

Reference

Fujimoto, H., Nagano, J., Yamaguchi, K., et al. Immunosuppressive components from an ascomycete, *Diplogelasinospora grovesii* Chem. Pharm. Bull. 46(3)423-429(1998)

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