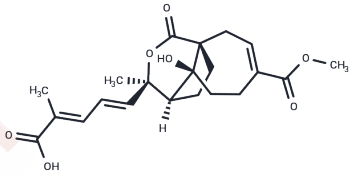
Data Sheet (Cat.No.T7029)

TargetMol

Pseudolaric Acid C

Chemical Properties



CAS No. : 82601-41-0

Formula: C21H26O7

Molecular Weight: 390.43

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	Pseudolaric Acid C has weak antifungal activity against Candida albicans.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 50 mg/mL (128.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.12 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5613 mL	12.8064 mL	25.6128 mL
5 mM	0.5123 mL	2.5613 mL	5.1226 mL
10 mM	0.2561 mL	1.2806 mL	2.5613 mL
50 mM	0.0512 mL	0.2561 mL	0.5123 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

Xingcong Li, et al. Two Auronols from Pseudolarix amabilis[J]. Journal of Natural Products, 1999, 62(5):767.

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