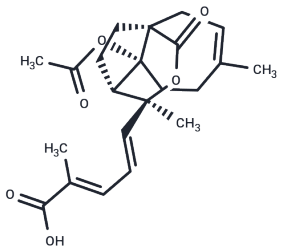
Data Sheet (Cat.No.T4S0931)

TargetMol

Pseudolaric acid A

Chemical Properties



CAS No. : 82508-32-5

Formula: C22H28O6

Molecular Weight: 388.45

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Pseudolaric acid A (NSC 615487) and -B can inhibit the growth of particular cell type.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 45 mg/mL (115.85 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5743 mL	12.8717 mL	25.7433 mL
5 mM	0.5149 mL	2.5743 mL	5.1487 mL
10 mM	0.2574 mL	1.2872 mL	2.5743 mL
50 mM	0.0515 mL	0.2574 mL	0.5149 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

Pan D J , Li Z L , Hu C Q , et al. The Cytotoxic Principles of Pseudolarix kaempferi: Pseudolaric Acid-A and -B and Related Derivatives1[J]. Planta Medica, 1990, 56(04):383-385.

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