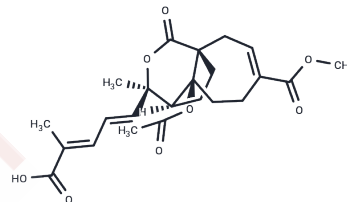


Pseudolaric Acid B

Chemical Properties

CAS No. :	82508-31-4
Formula:	C ₂₃ H ₂₈ O ₈
Molecular Weight:	432.46
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Pseudolaric acid B, a natural diterpenoid compound, is isolated from Pseudolarix kaempferi.
Targets(IC50)	Apoptosis, Ferroptosis, HIF/HIF Prolyl-Hydroxylase, Autophagy, Antifungal, HBV, Interleukin, p38 MAPK

Solubility Information

Solubility	DMSO: 50 mg/mL (115.62 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 (4.62 mM), Sonication is recommended. <i>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.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3124 mL	11.5618 mL	23.1235 mL
5 mM	0.4625 mL	2.3124 mL	4.6247 mL
10 mM	0.2312 mL	1.1562 mL	2.3124 mL
50 mM	0.0462 mL	0.2312 mL	0.4625 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

Li T, et al. Life Sci. 2015 Jan 15;121:88-96.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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