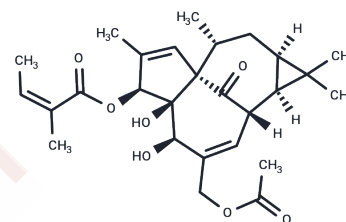


20-O-Acetylingenol-3-angelate

Chemical Properties

CAS No. :	82425-35-2
Formula:	C ₂₇ H ₃₆ O ₇
Molecular Weight:	472.57
Storage:	Store at low temperature 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	20-O-Acetylingenol-3-angelate (Euphorbia factor Pe1) is a natural compound found in the leaves and stems of the plant Inga. It has a variety of biological activities including tumor growth inhibition, anti-inflammatory, antifungal and antioxidant effects.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (105.8 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: 5 mg/mL (10.58 mM), Solution. 10% DMSO+90% Saline: < 5 mg/mL (10.58 mM), Lower concentrations may be soluble, but exact solubility limit is unknown. <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	2.1161 mL	10.5804 mL	21.1609 mL
5 mM	0.4232 mL	2.1161 mL	4.2322 mL
10 mM	0.2116 mL	1.058 mL	2.1161 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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