

Senkyunolide A

Chemical Properties

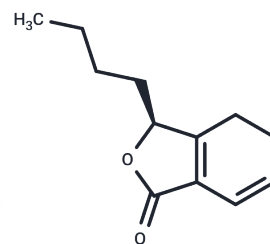
CAS No. : 63038-10-8

Formula: C₁₂H₁₆O₂

Molecular Weight: 192.25

Storage: Keep away from direct sunlight, Store under nitrogen
 Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Senkyunolide A is a natural product isolated from Ligusticum chuanxiong Hort, with anti-tumor activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 250 mg/mL (1300.39 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: 4 mg/mL (20.81 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	5.2016 mL	26.0078 mL	52.0156 mL
5 mM	1.0403 mL	5.2016 mL	10.4031 mL
10 mM	0.5202 mL	2.6008 mL	5.2016 mL
50 mM	0.104 mL	0.5202 mL	1.0403 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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