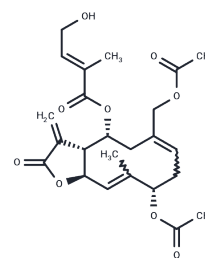


Eupalinolide B

Chemical Properties

CAS No. :	877822-41-8
Formula:	C ₂₄ H ₃₀ O ₉
Molecular Weight:	462.49
Storage:	Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Eupalinolide A has the effects of relieving phlegm and relieving cough, clearing away heat and detoxification, diuretic swelling and reducing blood pressure.
Targets(IC50)	Apoptosis, Others, NF-κB, MAPK, Autophagy, GSK-3, JNK, p38 MAPK, ROS, Wnt/beta-catenin

Solubility Information

Solubility	DMSO: 60 mg/mL (129.73 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 (4.32 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	2.1622 mL	10.811 mL	21.6221 mL
5 mM	0.4324 mL	2.1622 mL	4.3244 mL
10 mM	0.2162 mL	1.0811 mL	2.1622 mL
50 mM	0.0432 mL	0.2162 mL	0.4324 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

Zhang J , Zhao F , Yu X , et al. Pharmacokinetics of eupalinolide A, eupalinolide B and hyperoside from Eupatorium lindleyanum in rats by LC/MS/MS[J]. Journal of Chromatography B, 2015, 995-996:1-7.

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