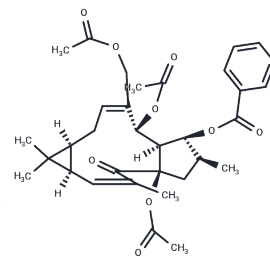


Euphorbia factor L7b

Chemical Properties

CAS No. :	93550-95-9
Formula:	C ₃₃ H ₄₀ O ₉
Molecular Weight:	580.67
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Euphorbia factor L7b, a natural product obtained from the herbs of Euphorbia pekinensis Rupr.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (77.5 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: 1 mg/mL (1.72 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	1.7221 mL	8.6107 mL	17.2215 mL
5 mM	0.3444 mL	1.7221 mL	3.4443 mL
10 mM	0.1722 mL	0.8611 mL	1.7221 mL
50 mM	0.0344 mL	0.1722 mL	0.3444 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

W.Adolf, et al. Lathyrane type diterpene esters from Euphorbia lathyris. Phytochemistry (Elsevier) (1984), 23(7), 1461-3.

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