

9'-Methyl salvianolate B

Chemical Properties

CAS No. : 1167424-32-9

Formula: C₃₇H₃₂O₁₆

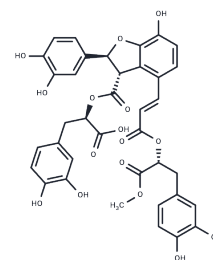
Molecular Weight: 732.64

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature, The compound is unstable in solution. Please use soon

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	9'-Methyl lithospermate B is a natural extract obtained from <i>Cynoglossum columnae</i> .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (34.12 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 (2.73 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	1.3649 mL	6.8246 mL	13.6493 mL
5 mM	0.273 mL	1.3649 mL	2.7299 mL
10 mM	0.1365 mL	0.6825 mL	1.3649 mL
50 mM	0.0273 mL	0.1365 mL	0.273 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 Z F, Chen H S, Li J R, et al. Studies on polyphenolic chemical constituents from root of *Salvia yunnansis*. *China Journal of Chinese Materia Medica*, 2007, 32(32):1886-1890.

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