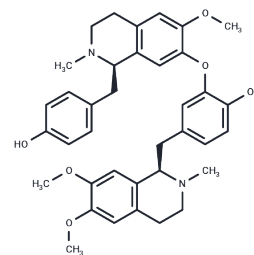


Liensinine

Chemical Properties

CAS No. :	2586-96-1
Formula:	C37H42N2O6
Molecular Weight:	610.74
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	1. Liensinine, a kind of isoquinoline alkaloid, can antagonize the ventricular arrhythmias.
Targets(IC50)	Apoptosis,Mitophagy,Autophagy

Solubility Information

Solubility	DMSO: 91 mg/mL (149 mM),Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (5.4 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	1.6374 mL	8.1868 mL	16.3736 mL
5 mM	0.3275 mL	1.6374 mL	3.2747 mL
10 mM	0.1637 mL	0.8187 mL	1.6374 mL
50 mM	0.0327 mL	0.1637 mL	0.3275 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

Wei T , Liang Z , Jin Y , et al. [Effect of berberine, liensinine and neferine on HERG channel expression].[J]. China Journal of Chinese Materia Medica, 2013, 38(2):239-244.

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