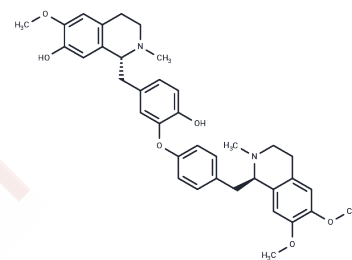


Daurisoline

Chemical Properties

CAS No. :	70553-76-3
Formula:	C ₃₇ H ₄₂ N ₂ O ₆
Molecular Weight:	610.74
Storage:	Store at low temperature, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Daurisoline ((R,R)-Daurisoline) is a hERG inhibitor. Daurisoline is also an autophagy blocker.
Targets(IC50)	Autophagy, Potassium Channel

Solubility Information

Solubility	DMSO: 242.5 mg/mL (397.06 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 (1.64 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

Liu QN, et al. Am J Chin Med. 2010;38(1):37-49.

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