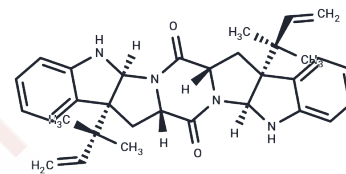


Amauromine

Chemical Properties

CAS No. :	88360-87-6
Formula:	C32H36N4O2
Molecular Weight:	508.65
Storage:	Store at low temperature 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	Amauromine is a peripherally selective and potent cannabinoid receptor type 1 (CB1) receptor antagonist, a novel alkaloid with vasodilatory activity.
Targets(IC50)	Cannabinoid Receptor

Solubility Information

Solubility	DMSO: 5.11 mg/mL (10.05 mM), Sonication is recommended. Ethanol: 5 mg/mL (9.83 mM), Sonication is recommended. Methanol: 5 mg/mL (9.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.966 mL	9.8299 mL	19.6599 mL
5 mM	0.3932 mL	1.966 mL	3.932 mL
10 mM	0.1966 mL	0.983 mL	1.966 mL
50 mM	0.0393 mL	0.1966 mL	0.3932 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

Elsebai MF, et al. Identification of a Potent and Selective Cannabinoid CB1 Receptor Antagonist from Auxarthron reticulatum. ACS Med Chem Lett. 2011 Sep 17;2(11):866-9.

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