

(+)-Magnoflorine iodide

Chemical Properties

CAS No. : 4277-43-4

Formula: C₂₀H₂₄INO₄

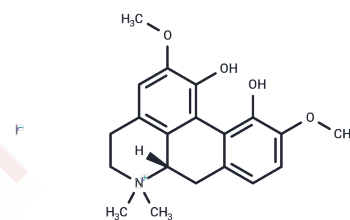
Molecular Weight: 469.31

Storage:

Keep away from moisture, Keep away from direct sunlight

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	(+)-Magnoflorine iodide (Thalictrine iodide) has anti-inflammatory activity, it can inhibit inflammations.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 50 mg/mL (106.54 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: 2 mg/mL (4.26 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	2.1308 mL	10.6539 mL	21.3079 mL
5 mM	0.4262 mL	2.1308 mL	4.2616 mL
10 mM	0.2131 mL	1.0654 mL	2.1308 mL
50 mM	0.0426 mL	0.2131 mL	0.4262 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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