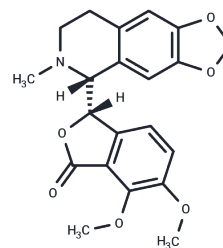


Hydrastine

Chemical Properties

CAS No. :	118-08-1
Formula:	C ₂₁ H ₂₁ NO ₆
Molecular Weight:	383.39
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	Hydrastine ((-)-β-Hydrastine) is a natural alkaloid that is present in Hydrastis Canadensis.
Targets(IC50)	OAT,Others,Dopamine Receptor

Solubility Information

Solubility	DMSO: 100 mg/mL (260.83 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: < 5 mg/mL (13.04 mM),Lower concentrations may be soluble, but exact solubility limit is unknown. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (13.04 mM),Solution. <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	2.6083 mL	13.0416 mL	26.0831 mL
5 mM	0.5217 mL	2.6083 mL	5.2166 mL
10 mM	0.2608 mL	1.3042 mL	2.6083 mL
50 mM	0.0522 mL	0.2608 mL	0.5217 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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