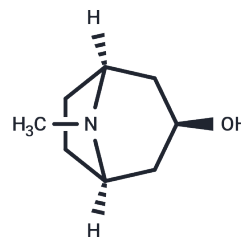


Tropine

Chemical Properties

CAS No. :	120-29-6
Formula:	C ₈ H ₁₅ NO
Molecular Weight:	141.21
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	Tropine is a secondary metabolite of the Solanaceae family of plants and is an anticholinergic reagent. It is a common intermediate used in the synthesis of various biologically active alkaloids (e.g. hyoscyamine, scopolamine).
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 100 mg/mL (708.17 mM), Sonication is recommended. DMSO: 50 mg/mL (354.08 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: 2 mg/mL (14.16 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	7.0817 mL	35.4083 mL	70.8165 mL
5 mM	1.4163 mL	7.0817 mL	14.1633 mL
10 mM	0.7082 mL	3.5408 mL	7.0817 mL
50 mM	0.1416 mL	0.7082 mL	1.4163 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481