

Nortropine Hydrochloride

Chemical Properties

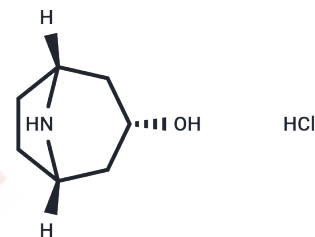
CAS No. : 14383-51-8

Formula: C₇H₁₄ClNO

Molecular Weight: 163.65

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	Nortropine Hydrochloride is a natural bicyclic alkaloid and a degradation intermediate of tropine, suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (611.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1106 mL	30.553 mL	61.106 mL
5 mM	1.2221 mL	6.1106 mL	12.2212 mL
10 mM	0.6111 mL	3.0553 mL	6.1106 mL
50 mM	0.1222 mL	0.6111 mL	1.2221 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

Howell LL, et al. Effects of combined dopamine and serotonin transporter inhibitors on cocaine self-administration in rhesus monkeys. *J Pharmacol Exp Ther.* 2007 Feb;320(2):757-65.

Bartholomew BA, et al. Atropine Metabolism by *Pseudomonas* sp. Strain AT3: Evidence for Nortropine as an Intermediate in Tropine Breakdown and Reactions Leading to Succinate. *Appl Environ Microbiol.* 1996 Sep;62(9):3245-50.

A. M. Gapparov, et al. Alkaloids of *Convolvulus subhirsutus* from Uzbekistan. *Chemistry of Natural Compounds.* 2007. 43(3):291-292.

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