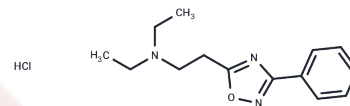


Oxolamine hydrochloride

Chemical Properties

CAS No. :	1219-20-1
Formula:	C ₁₄ H ₂₀ ClN ₃ O
Molecular Weight:	281.78
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	Oxolamine hydrochloride is a cough suppressant which may be useful in the treatment of pediatric asthma.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5489 mL	17.7443 mL	35.4887 mL
5 mM	0.7098 mL	3.5489 mL	7.0977 mL
10 mM	0.3549 mL	1.7744 mL	3.5489 mL
50 mM	0.071 mL	0.3549 mL	0.7098 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

Wang XQ, Wang XM, Zhou TF, Dong LQ. Screening of differentially expressed genes and small molecule drugs of pediatric allergic asthma with DNA microarray. *Eur Rev Med Pharmacol Sci.* 2012 Dec;16(14):1961-6. PubMed PMID: 23242723.

Zhu X, Lee DY, Shin WG. Gender difference in the pharmacokinetic interaction between oral warfarin and oxolamine in rats: inhibition of CYP2B1 by oxolamine in male rats. *Biopharm Drug Dispos.* 2007 Apr;28(3):125-33. PubMed PMID: 17295362.

Min KA, Zhu X, Oh JM, Shin WG. Effect of oxolamine on anticoagulant effect of warfarin. *Am J Health Syst Pharm.* 2006 Jan 15;63(2):153-6. PubMed PMID: 16390929.

Ceyhan BB, Karakurt S. Effect of oxolamine on cough sensitivity in COPD patients. *Respir Med.* 2002 Jan;96(1):61-3. PubMed PMID: 11863211.

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