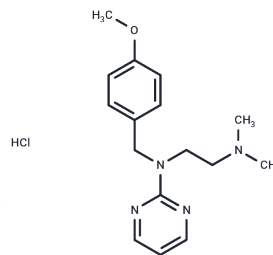


Thonzylamine hydrochloride

Chemical Properties

CAS No. :	63-56-9
Formula:	C ₁₆ H ₂₃ ClN ₄ O
Molecular Weight:	322.83
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	Thonzylamine hydrochloride (Resistab) is an anticholinergic and antihistamine used as an antipruritic.
Targets(IC50)	AChR,Histamine Receptor

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0976 mL	15.488 mL	30.9761 mL
5 mM	0.6195 mL	3.0976 mL	6.1952 mL
10 mM	0.3098 mL	1.5488 mL	3.0976 mL
50 mM	0.062 mL	0.3098 mL	0.6195 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

- Sabry SM, et al. Sensitive spectrofluorimetric and spectrophotometric methods for the determination of thonzylamine hydrochloride in pharmaceutical preparations based on coupling with dimethylbarbituric acid in presence of dicyclohexylcarbodiimide. *J Pharm Biomed Anal.* 2000 Mar;22(2):257-64.
- DREYER NB, SLAVIN WJ. Effect of an antihistaminic drug (thonzylamine) on uterine contractility. *J Am Med Womens Assoc.* 1954 Feb;9(2):35-8.
- DUCA CJ, ROTHLAUF MV, SCUDI JV. Further studies on thonzylamine in treatment of experimental tuberculosis. *Proc Soc Exp Biol Med.* 1951 Aug;77(4):641-3.

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