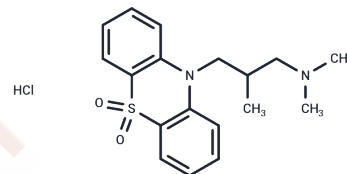


Oxomemazine hydrochloride

Chemical Properties

CAS No. :	4784-40-1
Formula:	C ₁₈ H ₂₃ ClN ₂ O ₂ S
Molecular Weight:	366.905
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	Oxomemazine hydrochloride is a phenothiazine-based histamine H1-receptor blocker with notable antimuscarinic activity. As a selective antagonist of the muscarinic M1 receptor, Oxomemazine demonstrates a 20-fold difference in affinity at high (histamine H1-receptor=84 nM, M1 receptor) and low (histamine H1-receptor=1.65 μM, M2 receptor) affinity sites. It serves as an antihistamine and anticholinergic agent used in cough-related research studies.
Targets(IC50)	GluR,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7255 mL	13.6273 mL	27.2546 mL
5 mM	0.5451 mL	2.7255 mL	5.4509 mL
10 mM	0.2725 mL	1.3627 mL	2.7255 mL
50 mM	0.0545 mL	0.2725 mL	0.5451 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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