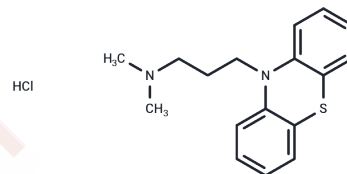


Promazine hydrochloride

Chemical Properties

CAS No. :	53-60-1
Formula:	C ₁₇ H ₂₁ ClN ₂ S
Molecular Weight:	320.88
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Promazine hydrochloride (Rompazine hydrochloride) is a phenothiazine with actions similar to CHLORPROMAZINE but with less antipsychotic activity. It is primarily used in short-term treatment of disturbed behavior and as an antiemetic.
Targets(IC50)	5-HT Receptor, Adrenergic Receptor, AChR, Dopamine Receptor

Solubility Information

Solubility	DMSO: 58 mg/mL (180.75 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1164 mL	15.5821 mL	31.1643 mL
5 mM	0.6233 mL	3.1164 mL	6.2329 mL
10 mM	0.3116 mL	1.5582 mL	3.1164 mL
50 mM	0.0623 mL	0.3116 mL	0.6233 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.

Reference

VLAVIANOS G, FINK L. Dis Nerv Syst. 1960 Sep;21:515-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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