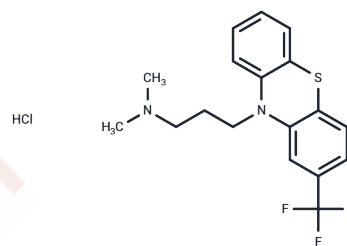


Triflupromazine hydrochloride

Chemical Properties

CAS No. :	1098-60-8
Formula:	C ₁₈ H ₂₀ ClF ₃ N ₂ S
Molecular Weight:	388.88
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	Triflupromazine hydrochloride (Fluopromazine hydrochloride), an antipsychotic medication, is Dopamine D1/D2 receptor antagonists.
Targets(IC50)	5-HT Receptor, AChR, Autophagy, Dopamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (128.57 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	2.5715 mL	12.8574 mL	25.7149 mL
5 mM	0.5143 mL	2.5715 mL	5.143 mL
10 mM	0.2571 mL	1.2857 mL	2.5715 mL
50 mM	0.0514 mL	0.2571 mL	0.5143 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

Snyder S, et al. Arch Gen Psychiatry. 1974 Jul;31(1):58-61.

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