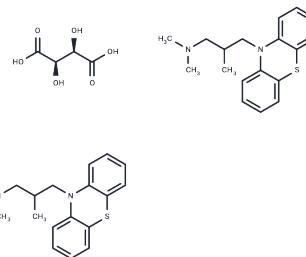


Alimemazine hemitartrate

Chemical Properties

CAS No. :	4330-99-8
Formula:	C ₁₈ H ₂₂ N ₂ S·1/2C ₄ H ₆ O ₆
Molecular Weight:	448.53
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Alimemazine hemitartrate (Trimeprazine hemitartrate) is a phenothiazine derivative that is used as an antipruritic. It also acts as a sedative, hypnotic, and antiemetic for prevention of motion sickness.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 91 mg/mL(121.8 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2295 mL	11.1475 mL	22.2951 mL
5 mM	0.4459 mL	2.2295 mL	4.459 mL
10 mM	0.223 mL	1.1148 mL	2.2295 mL
50 mM	0.0446 mL	0.223 mL	0.4459 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

Hu OY et al. The Journal of Pharmacy and Pharmacology. 38 (3): 172-6.

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