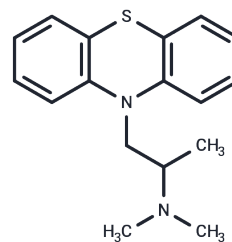


Promethazine

Chemical Properties

CAS No. :	60-87-7
Formula:	C ₁₇ H ₂₀ N ₂ S
Molecular Weight:	284.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Promethazine (Proazamine) is an analogue of anti-glaucoma prostaglandin (PG) .
Targets(IC50)	CaMK,5-HT Receptor,Adrenergic Receptor,AChR,Histamine Receptor,Dopamine Receptor

Solubility Information

Solubility	DMSO: 11 mg/mL (38.68 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	3.5159 mL	17.5796 mL	35.1593 mL
5 mM	0.7032 mL	3.5159 mL	7.0319 mL
10 mM	0.3516 mL	1.758 mL	3.5159 mL
50 mM	0.0703 mL	0.3516 mL	0.7032 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

Suzuki A, et al. Ther Drug Monit. 2003 Apr; 25(2):192-6.

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