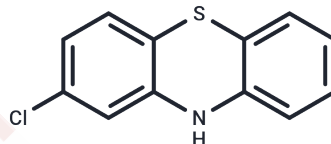


2-Chlorophenothiazine

Chemical Properties

CAS No. :	92-39-7
Formula:	C ₁₂ H ₈ ClNS
Molecular Weight:	233.72
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2-Chlorophenothiazine is used as the intermediate of Chlorpromazine hydrochloride.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (235.32 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	4.2786 mL	21.3931 mL	42.7862 mL
5 mM	0.8557 mL	4.2786 mL	8.5572 mL
10 mM	0.4279 mL	2.1393 mL	4.2786 mL
50 mM	0.0856 mL	0.4279 mL	0.8557 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

el-Ezbawy SR, Alshaikh MA. J Chem Technol Biotechnol. 1990;47(3):209-18.

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