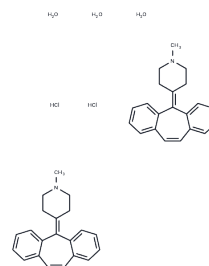


Cyproheptadine hydrochloride sesquihydrate

Chemical Properties

CAS No. :	41354-29-4
Formula:	C ₂₁ H ₂₄ ClNO
Molecular Weight:	341.88
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cyproheptadine hydrochloride sesquihydrate (Peritol), an antihistamine, is an antagonist of serotonin and histamine ₂ .
Targets(IC50)	5-HT Receptor,Histone Methyltransferase,Histamine Receptor

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 70 mg/mL (204.75 mM),Sonication is recommended. Ethanol: 20 mg/mL (58.5 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	2.925 mL	14.625 mL	29.250 mL
5 mM	0.585 mL	2.925 mL	5.850 mL
10 mM	0.2925 mL	1.4625 mL	2.925 mL
50 mM	0.0585 mL	0.2925 mL	0.585 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

Rashid M, et al. Jpn J Pharmacol. 2002 Aug;89(4):405-12.

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