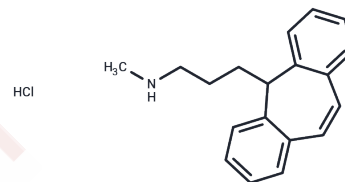


Protriptyline hydrochloride

Chemical Properties

CAS No. :	1225-55-4
Formula:	C ₁₉ H ₂₁ N·HCl
Molecular Weight:	299.84
Appearance:	no data available
Storage:	store at low temperature
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Protriptyline Hydrochloride is the hydrochloride salt form of protriptyline, a tricyclic secondary amine with an antidepressant property. Protriptyline hydrochloride (Protriptyline HCl) blocks the re-uptake of norepinephrine and serotonin by nerve terminals, thereby increasing available norepinephrine and serotonin. In addition, this agent exhibits anticholinergic activity.
Targets(IC50)	5-HT Receptor,Cholinesterase (ChE)

Solubility Information

Solubility	DMSO: 55 mg/mL (183.43 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	3.3351 mL	16.6756 mL	33.3511 mL
5 mM	0.667 mL	3.3351 mL	6.6702 mL
10 mM	0.3335 mL	1.6676 mL	3.3351 mL
50 mM	0.0667 mL	0.3335 mL	0.667 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

McDougle CJ, et al. Mol Psychiatry. 1998 May;3(3):270-3.

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