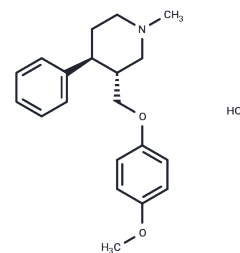


Femoxetine hydrochloride

Chemical Properties

CAS No. :	56222-04-9
Formula:	C ₂₀ H ₂₆ ClNO ₂
Molecular Weight:	347.88
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Femoxetine hydrochloride is a selective 5-hydroxytryptamine reuptake inhibitor used in the study of migraine, depression and eating disorders.
Targets(IC50)	5-HT Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (172.47 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	2.8746 mL	14.3728 mL	28.7455 mL
5 mM	0.5749 mL	2.8746 mL	5.7491 mL
10 mM	0.2875 mL	1.4373 mL	2.8746 mL
50 mM	0.0575 mL	0.2875 mL	0.5749 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mengel H, et al. Bioavailability and pharmacokinetics of femoxetine. *Arzneimittelforschung*. 1983;33(3):462-466.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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