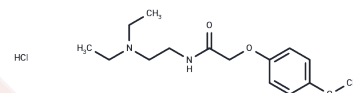


Mefexamide hydrochloride

Chemical Properties

CAS No. :	3413-64-7
Formula:	C ₁₅ H ₂₅ ClN ₂ O ₃
Molecular Weight:	316.83
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	Mefexamide hydrochloride is a central stimulant.
Targets(IC50)	Others,Dopamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (157.81 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	3.1563 mL	15.7813 mL	31.5627 mL
5 mM	0.6313 mL	3.1563 mL	6.3125 mL
10 mM	0.3156 mL	1.5781 mL	3.1563 mL
50 mM	0.0631 mL	0.3156 mL	0.6313 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

Vinogradov VM, Grechko AT. Farmakol Toksikol. 1982 Sep-Oct;45(5):108-11.

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