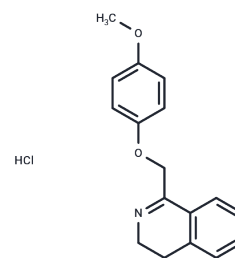


Memotine HCl

Chemical Properties

CAS No. :	10540-97-3
Formula:	C ₁₇ H ₁₈ ClNO ₂
Molecular Weight:	303.78
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	Memotine HCl has antiviral activity against respiratory tract infection and is used as a therapeutic agent for acute respiratory diseases. It is also a memo fracture in the form of hydrochloride, an isoquinoline, with anti-myxovirus and paramyxovirus activities.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2919 mL	16.4593 mL	32.9186 mL
5 mM	0.6584 mL	3.2919 mL	6.5837 mL
10 mM	0.3292 mL	1.6459 mL	3.2919 mL
50 mM	0.0658 mL	0.3292 mL	0.6584 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

Williamson GM, Jackson D. The antiviral activity of the isoquinolines famotidine and memotidine in respiratory infections in man. Bull World Health Organ. 1969;41(3):665-70. PubMed PMID: 5309492; PubMed Central PMCID: PMC2427694.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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