

Rimantadine hydrochloride

Chemical Properties

CAS No. :	1501-84-4
Formula:	C ₁₂ H ₂₁ N·HCl
Molecular Weight:	215.76
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

HCl



Biological Description

Description	Rimantadine hydrochloride (Meradane) is an RNA synthesis inhibitor that is used as an antiviral agent in the prophylaxis and treatment of influenza.
Targets(IC50)	DNA/RNA Synthesis, Influenza Virus

Solubility Information

Solubility	DMSO: 60 mg/mL (278.09 mM), Sonication is recommended. Ethanol: 33 mg/mL (152.95 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	4.6348 mL	23.1739 mL	46.3478 mL
5 mM	0.927 mL	4.6348 mL	9.2696 mL
10 mM	0.4635 mL	2.3174 mL	4.6348 mL
50 mM	0.0927 mL	0.4635 mL	0.927 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

Liu BM, et al. Iran J Pharm Res. 2014 Fall;13(4):1183-90.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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