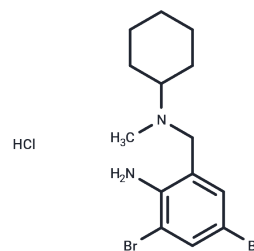


Bromhexine hydrochloride

Chemical Properties

CAS No. :	611-75-6
Formula:	C ₁₄ H ₂₁ Br ₂ ClN ₂
Molecular Weight:	412.59
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	Bromhexine hydrochloride (Bisolvon) is a mucolytic agent used in the treatment of respiratory disorders associated with viscid or excessive mucus.
Targets(IC50)	HIV Protease, Autophagy, SARS-CoV

Solubility Information

Solubility	DMSO: 5.63 mg/mL (13.65 mM), Sonication is recommended. Ethanol: 5 mg/mL (12.12 mM), Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4237 mL	12.1186 mL	24.2371 mL
5 mM	0.4847 mL	2.4237 mL	4.8474 mL
10 mM	0.2424 mL	1.2119 mL	2.4237 mL
50 mM	0.0485 mL	0.2424 mL	0.4847 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

Prescrire Int. 2015 Apr;24(159):98.

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