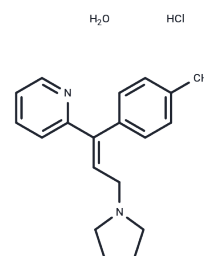


Tripolidine hydrochloride monohydrate

Chemical Properties

CAS No. :	6138-79-0
Formula:	C ₁₉ H ₂₅ ClN ₂ O
Molecular Weight:	332.87
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tripolidine hydrochloride monohydrate is a histamine H1 antagonist used in allergic rhinitis, asthma.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 47.83 mg/mL (143.69 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	3.0042 mL	15.0209 mL	30.0418 mL
5 mM	0.6008 mL	3.0042 mL	6.0084 mL
10 mM	0.3004 mL	1.5021 mL	3.0042 mL
50 mM	0.0601 mL	0.3004 mL	0.6008 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

Hansen EB Jr, et al. J Pharm Sci. 1988 Mar;77(3):259-64.

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