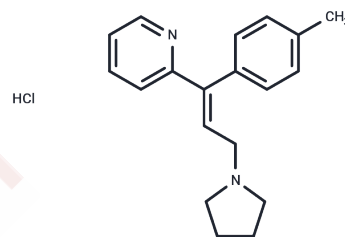


Triprolidine hydrochloride

Chemical Properties

CAS No. :	550-70-9
Formula:	C ₁₉ H ₂₃ ClN ₂
Molecular Weight:	314.852
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	Triprolidine hydrochloride anhydrous, a Histamine H1 antagonist, is used in asthma, allergic rhinitis, and urticaria.
Targets(IC50)	Others,Histamine Receptor

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1761 mL	15.8806 mL	31.7612 mL
5 mM	0.6352 mL	3.1761 mL	6.3522 mL
10 mM	0.3176 mL	1.5881 mL	3.1761 mL
50 mM	0.0635 mL	0.3176 mL	0.6352 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

Hansen EB Jr, Heflich RH, Korfmacher WA, Miller DW, Cerniglia CE. Microbial transformation of the antihistaminic drug triprolidine hydrochloride. J Pharm Sci. 1988 Mar;77(3):259-64. PubMed PMID: 3286859.

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