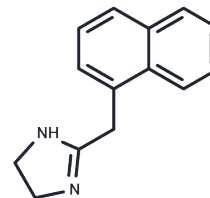


Naphazoline hydrochloride

Chemical Properties

CAS No. :	550-99-2
Formula:	C ₁₄ H ₁₅ ClN ₂
Molecular Weight:	246.74
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

HCl



Biological Description

Description	Naphazoline hydrochloride (Naphazoline HCl) is an adrenergic vasoconstrictor agent used as a decongestant.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 9 mg/mL (36.48 mM), Sonication is recommended. Ethanol: 21 mg/mL (85.11 mM), Sonication is recommended. H ₂ O: 45 mg/mL (182.38 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	4.0528 mL	20.2642 mL	40.5285 mL
5 mM	0.8106 mL	4.0528 mL	8.1057 mL
10 mM	0.4053 mL	2.0264 mL	4.0528 mL
50 mM	0.0811 mL	0.4053 mL	0.8106 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

Piletz JE, et al. J Pharmacol Exp Ther. 1996 Nov; 279(2):694-702.

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