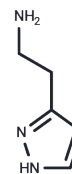


Betazole dihydrochloride

Chemical Properties

CAS No. :	138-92-1
Formula:	C ₅ H ₁₁ Cl ₂ N ₃
Molecular Weight:	184.067
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl HCl



Biological Description

Description	Betazole dihydrochloride (Betazole hydrochloride) is an agonist of H ₂ receptor.
Targets(IC ₅₀)	Histamine Receptor

Solubility Information

Solubility	DMSO: 37 mg/mL (201.01 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	5.4327 mL	27.1636 mL	54.3272 mL
5 mM	1.0865 mL	5.4327 mL	10.8654 mL
10 mM	0.5433 mL	2.7164 mL	5.4327 mL
50 mM	0.1087 mL	0.5433 mL	1.0865 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

- Spitz I M , Novis B H , Ebert R , et al. Betazole-induced GIP secretion is not mediated by gastric HCl[J]. Metabolism-clinical & Experimental, 1982, 31(4):380-382.
- M D Maples, J W Lea 4th, J P O'Leary Effects of betazole hydrochloride and cimetidine on common bile pressure and duodenal myoelectric activity in the dog. Am Surg. 1981 Dec;47(12):519-21.

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