Data Sheet (Cat.No.T0157)



Roxatidine Acetate hydrochloride

Chemical Properties

CAS No.: 93793-83-0

Formula: C19H29ClN2O4

Molecular Weight: 384.9

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Roxatidine Acetate hydrochloride (HOE 760) is a specific and competitive histamin H2-receptor antagonist. It inhibits gastric acid secretion and ulcer formation.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (129.90 mM),Sonication is recommended.	
	H2O: 50 mg/mL (129.9 mM),Sonication is recommended.	
	(< 1 mg/ml refers to the product slightly soluble or insoluble)	

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5981 mL	12.9904 mL	25.9808 mL
5 mM	0.5196 mL	2.5981 mL	5.1962 mL
10 mM	0.2598 mL	1.299 mL	2.5981 mL
50 mM	0.052 mL	0.2598 mL	0.5196 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

Agrawal SS, Alvin Jose M. Syst Biol Reprod Med. 2010 Aug;56(4):286-91.

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