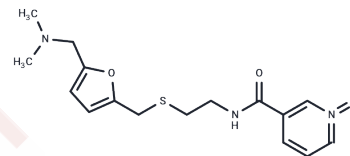


## Ramixotidine

## Chemical Properties

CAS No. :	84071-15-8
Formula:	C <sub>16</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	335.42
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	Ramixotidine is a competitive antagonist of histamine H <sub>2</sub> -receptor.
Targets(IC <sub>50</sub> )	Others,Histamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9813 mL	14.9067 mL	29.8134 mL
5 mM	0.5963 mL	2.9813 mL	5.9627 mL
10 mM	0.2981 mL	1.4907 mL	2.9813 mL
50 mM	0.0596 mL	0.2981 mL	0.5963 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

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Soldani G, Lavezzo A, Bianchetti A, Manzoni L, Mengozzi G, Manara L. Comparison of the gastric antisecretory effects of ramixotidine dihydrochloride (CM 57755), a new H2 receptor antagonist, and cimetidine in dogs. *Pharmacol Res Commun.* 1988 Aug;20(8):663-72. PubMed PMID: 2974998.

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