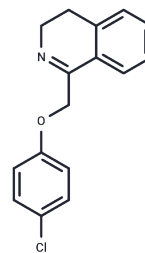


## Famotidine

## Chemical Properties

CAS No. :	18429-78-2
Formula:	C <sub>16</sub> H <sub>14</sub> ClNO
Molecular Weight:	271.74
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	Famotidine is a histamine H <sub>2</sub> receptor antagonist that inhibits stomach acid production. It is commonly used in the treatment of peptic ulcer disease and gastroesophageal reflux disease.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.680 mL	18.3999 mL	36.7999 mL
5 mM	0.736 mL	3.680 mL	7.360 mL
10 mM	0.368 mL	1.840 mL	3.680 mL
50 mM	0.0736 mL	0.368 mL	0.736 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.

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