

Oxmetidine FA

Chemical Properties

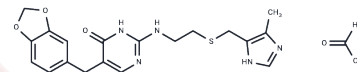
CAS No. :

Formula: C₂₀H₂₃N₅O₅

Molecular Weight: 445.49

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	Oxmetidine FA is an orally available specific histamine H ₂ receptor antagonist with antiulcerogenic properties.
Targets(IC ₅₀)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2447 mL	11.2236 mL	22.4472 mL
5 mM	0.4489 mL	2.2447 mL	4.4894 mL
10 mM	0.2245 mL	1.1224 mL	2.2447 mL
50 mM	0.0449 mL	0.2245 mL	0.4489 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

Rush GF, et al. Mechanism of oxmetidine (SK&F 92994) cytotoxicity in isolated rat hepatocytes. J Pharmacol Exp Ther. 1985 Jun;233(3):741-6.

Hoke GD, et al. Mechanism of inhibition of rat liver mitochondrial respiration by oxmetidine, an H₂-receptor antagonist. J Pharmacol Exp Ther. 1990 Mar;252(3):908-14.

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