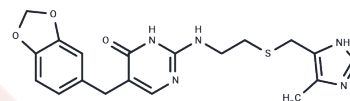


Oxmetidine

Chemical Properties

CAS No. :	72830-39-8
Formula:	C ₁₉ H ₂₁ N ₅ O ₃ S
Molecular Weight:	399.47
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 (SKF 92994) is a novel H ₂ receptor antagonist that is cytotoxic. Oxmetidine inhibits transmembrane calcium flux in cardiac and vascular tissues and is used in the treatment of active duodenal ulcers.
Targets(IC ₅₀)	Histamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (125.17 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	2.5033 mL	12.5166 mL	25.0332 mL
5 mM	0.5007 mL	2.5033 mL	5.0066 mL
10 mM	0.2503 mL	1.2517 mL	2.5033 mL
50 mM	0.0501 mL	0.2503 mL	0.5007 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

Mills JG, Brunet PL, Griffiths R, Hunt RH, Vincent D, Milton-Thompson GJ, Burland WL. Oxmetidine: clinical pharmacological studies with a new H₂-receptor antagonist. Gut. 1982 Feb;23(2):157-63.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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