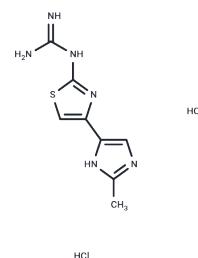


Zaltidine dihydrochloride

Chemical Properties

CAS No. :	90274-23-0
Formula:	C ₈ H ₁₂ Cl ₂ N ₆ S
Molecular Weight:	295.19
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	Zaltidine dihydrochloride (CP-5736 dihydrochloride), a specific H ₂ receptor antagonist, exhibits antisecretion properties by mitigating the effects of histamine on gastric acid secretion. By attaching to histamine H ₂ receptors on gastric parietal cells, it decreases gastric acid production. This compound is useful in research related to gastric acid-associated conditions like duodenal ulcers.
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3876 mL	16.9382 mL	33.8765 mL
5 mM	0.6775 mL	3.3876 mL	6.7753 mL
10 mM	0.3388 mL	1.6938 mL	3.3876 mL
50 mM	0.0678 mL	0.3388 mL	0.6775 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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