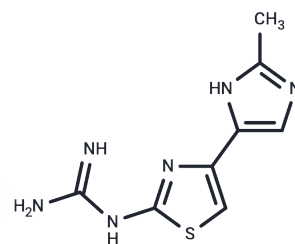


Zaltidine

Chemical Properties

CAS No. :	85604-00-8
Formula:	C ₈ H ₁₀ N ₆ S
Molecular Weight:	222.27
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 is an antagonist of H ₂ -receptor, and has the antisecretory action.
Targets(IC ₅₀)	Others,Histamine Receptor

Solubility Information

Solubility	H ₂ O: 7.69 mg/mL (34.6 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	4.499 mL	22.4952 mL	44.9903 mL
5 mM	0.8998 mL	4.499 mL	8.9981 mL
10 mM	0.4499 mL	2.2495 mL	4.499 mL
50 mM	0.090 mL	0.4499 mL	0.8998 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

- Laferla G, Buchanan N, Hearn J, The antisecretory effects of zaltidine, a novel long-acting H₂-receptor antagonist, in healthy volunteers and in subjects with a past history of duodenal ulcer. Br J Clin Pharmacol. 1986 Oct;22(4): 395-9.
- Farup PG. Zaltidine: an effective but hepatotoxic H₂-receptor antagonist. Scand J Gastroenterol. 1988 Aug;23(6): 655-8.

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