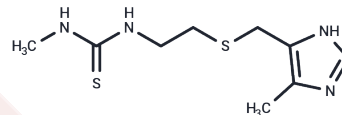


Metiamide

Chemical Properties

CAS No. :	34839-70-8
Formula:	C ₉ H ₁₆ N ₄ S ₂
Molecular Weight:	244.38
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	Metiamide (SK&F 92058) is a histamine H ₂ -receptor antagonist.
Targets(IC ₅₀)	Histamine Receptor

Solubility Information

Solubility	DMSO: 3.33 mg/mL (13.63 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	4.092 mL	20.4599 mL	40.9199 mL
5 mM	0.8184 mL	4.092 mL	8.184 mL
10 mM	0.4092 mL	2.046 mL	4.092 mL
50 mM	0.0818 mL	0.4092 mL	0.8184 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

- Blair E L , Grund E R , Miller I T , et al. Metiamide in the Zollinger-Ellison syndrome[J]. The American Journal of Digestive Diseases, 1976, 20(12):1123-1130.
- Bonfils S, Bernier JJ, Mignon M, et al. Metiamide treatment in five patients with Zollinger-Ellison syndrome[J]. Digestion. 1977;15(1):43-52.

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