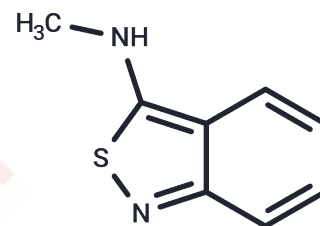


CI-624

## Chemical Properties

CAS No. : 700-07-2  
 Formula: C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>S  
 Molecular Weight: 164.228  
 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	CI-624 reduces the secretion and output of hydrogen ions, sodium ions, potassium ions, and pepsin. This compound may be utilized in research focusing on cancer and autoimmune diseases.
Targets(IC50)	Histamine Receptor, IGF-1R
In vivo	CI-624 mitigates stress-induced gastric injury in rats. In dogs, CI-624 acts as an antagonist to gastric secretion prompted by food, insulin, and histamine.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.089 mL	30.4451 mL	60.8902 mL
5 mM	1.2178 mL	6.089 mL	12.178 mL
10 mM	0.6089 mL	3.0445 mL	6.089 mL
50 mM	0.1218 mL	0.6089 mL	1.2178 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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