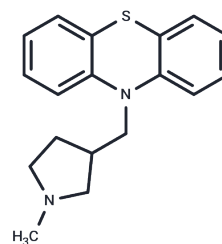


Methdilazine

Chemical Properties

CAS No. :	1982-37-2
Formula:	C ₁₈ H ₂₀ N ₂ S
Molecular Weight:	296.43
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	Methdilazine, an orally active (histamine antagonist) antibiotic, demonstrates the ability to inhibit various mycobacteria with minimum inhibitory concentration (MIC) values ranging from 5-15 µg/mL both in vitro and in vivo. This efficacy positions it as a valuable compound for infectious disease research [1] [2].
Targets(IC50)	Others,Antibacterial,Antibiotic,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3735 mL	16.8674 mL	33.7348 mL
5 mM	0.6747 mL	3.3735 mL	6.747 mL
10 mM	0.3373 mL	1.6867 mL	3.3735 mL
50 mM	0.0675 mL	0.3373 mL	0.6747 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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