

(R)-Promethazine

Chemical Properties

CAS No. :	67253-23-0
Formula:	C17H20N2S
Molecular Weight:	284.42
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	(R)-Promethazine is the R-enantiomer of Promethazine. It is a potent antihistamine compound that acts as a strong H1 receptor antagonist and belongs to the first generation of antihistamines in the phenothiazine family. This compound is utilized in research related to psychiatric disorders.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5159 mL	17.5796 mL	35.1593 mL
5 mM	0.7032 mL	3.5159 mL	7.0319 mL
10 mM	0.3516 mL	1.758 mL	3.5159 mL
50 mM	0.0703 mL	0.3516 mL	0.7032 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.

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