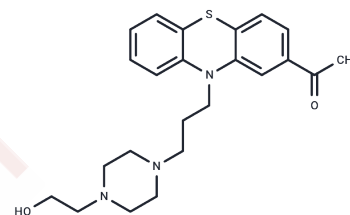


Acetophenazine

Chemical Properties

CAS No. :	2751-68-0
Formula:	C ₂₃ H ₂₉ N ₃ O ₂ S
Molecular Weight:	411.56
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	Acetophenazine is an anxiolytic compound that is used in the study of depression.
Targets(IC50)	Others,Dopamine Receptor
In vivo	Administering Acetophenazine (2.4 mg/kg; i.h.; single dosage; C57BL mice) significantly prolonged the time from initial confrontation to submission, as well as the total duration of combat until submission, in mice. [3]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4298 mL	12.1489 mL	24.2978 mL
5 mM	0.486 mL	2.4298 mL	4.8596 mL
10 mM	0.243 mL	1.2149 mL	2.4298 mL
50 mM	0.0486 mL	0.243 mL	0.486 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

- Azam Bazrafshan, et al. Acetophenazine versus chlorpromazine for schizophrenia. Cochrane Database of Systematic Reviews. 2015, Issue 4.
- Hollister LE, et al. Acetophenazine and diazepam in anxious depressions. Arch Gen Psychiatry. 1971 Mar;24(3): 273-8.
- KNIGHT WR, et al. ACETOPHENAZINE AND FIGHTING BEHAVIOR IN MICE. Science. 1963 Aug 30;141(3583):830-1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481