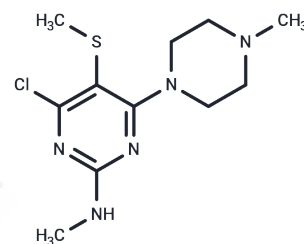


## Mezilamine

## Chemical Properties

CAS No. :	50335-55-2
Formula:	C <sub>11</sub> H <sub>18</sub> ClN <sub>5</sub> S
Molecular Weight:	287.81
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	Mezilamine is an antagonist of dopamine. It also blocks presynaptic but stimulating postsynaptic alpha-adrenoceptors.
Targets(IC50)	Others, Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4745 mL	17.3726 mL	34.7451 mL
5 mM	0.6949 mL	3.4745 mL	6.949 mL
10 mM	0.3475 mL	1.7373 mL	3.4745 mL
50 mM	0.0695 mL	0.3475 mL	0.6949 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

Menon MK, Haddox VG. Suitability of amfonelic acid-induced locomotor stimulation in mice as a model for the evaluation of classical and atypical antipsychotics. *Neuropharmacology*. 1984 May;23(5):555-61. PubMed PMID: 6146108.

Protais P, Dubuc I, Costentin J. Pharmacological characteristics of dopamine receptors involved in the dual effect of dopamine agonists on yawning behaviour in rats. *Eur J Pharmacol*. 1983 Oct 28;94(3-4):271-80. PubMed PMID: 6140175.

Leander JD. Interactions of clozapine, thioridazine, and mezilamine with oxotremorine on schedule-controlled responding. *Psychopharmacology (Berl)*. 1983;80(1):29-30. PubMed PMID: 6135236.

Dubuc I, Protais P, Colboc O, Costentin J. Antagonism of the apomorphine-induced yawning by "atypical" neuroleptics. *Neuropharmacology*. 1982 Nov;21(11):1203-6. PubMed PMID: 6129594.

**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