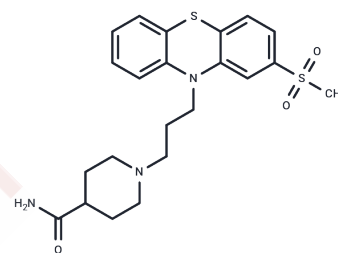


## Metopimazine

## Chemical Properties

CAS No. :	14008-44-7
Formula:	C <sub>22</sub> H <sub>27</sub> N <sub>3</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	445.6
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	Metopimazine is a selective and peripherally restricted dopamine D <sub>3</sub> and D <sub>2</sub> receptors antagonist.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2442 mL	11.2208 mL	22.4417 mL
5 mM	0.4488 mL	2.2442 mL	4.4883 mL
10 mM	0.2244 mL	1.1221 mL	2.2442 mL
50 mM	0.0449 mL	0.2244 mL	0.4488 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

Rochoy M, Auffret M, Béné J, Gautier S; Réseau français des centres régionaux de pharmacovigilance. [Antiemetics and cardiac effects potentially linked to prolongation of the QT interval: Case/non-case analysis in the national pharmacovigilance database]. *Rev Epidemiol Sante Publique*. 2017 Feb;65(1):1-8. doi: 10.1016/j.respe.2016.06.335. Epub 2016 Dec 14. French. PubMed PMID: 27988172.

Mallet E, Bounoure F, Skiba M, Saussereau E, Goullé JP, Castanet M. Pharmacokinetic study of metopimazine by oral route in children. *Pharmacol Res Perspect*. 2015 Jun;3(3):e00130. doi: 10.1002/prp2.130. Epub 2015 Jun 1. PubMed PMID: 26171218; PubMed Central PMCID: PMC4492748.

Roussel V, Tritz T, Souty C, Turbelin C, Arena C, Lambert B, Lillo-Lelouët A, Kernéis S, Blanchon T, Hanslik T. Estimating the excess of inappropriate prescriptions of anti-dopaminergic anti-emetics during acute gastroenteritis epidemics in France. *Pharmacoepidemiol Drug Saf*. 2013 Oct;22(10):1080-5. doi: 10.1002/pds.3486. Epub 2013 Aug 12. PubMed PMID: 23935001.

Hubert-Roux M, Bounoure F, Skiba M, Bozec P, Churlaud F, Lange CM. Fragmentation pathways of metopimazine and its metabolite using ESI-MS(n), HR-MS and H/D exchange. *J Mass Spectrom*. 2010 Oct;45(10):1121-9. doi: 10.1002/jms.1790. PubMed PMID: 20690157.

**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