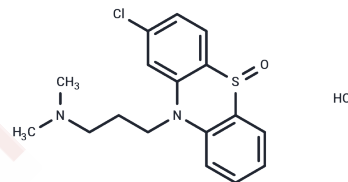


## Opromazine hydrochloride

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 316-07-4  |
| Formula:          | C17H20Cl2N2OS   |
| Molecular Weight: | 371.32  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Opromazine hydrochloride belongs to the phenothiazine class of antipsychotics and reduces the activity of dopaminergic pathways by blocking dopamine receptors in the brain. It is mainly used for the treatment of psychiatric disorders such as schizophrenia and psychosis. |
| Targets(IC50) | Others,Dopamine Receptor   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 50 mg/mL (134.65 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6931 mL | 13.4655 mL | 26.9309 mL |
| 5 mM  | 0.5386 mL | 2.6931 mL  | 5.3862 mL  |
| 10 mM | 0.2693 mL | 1.3465 mL  | 2.6931 mL  |
| 50 mM | 0.0539 mL | 0.2693 mL  | 0.5386 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481