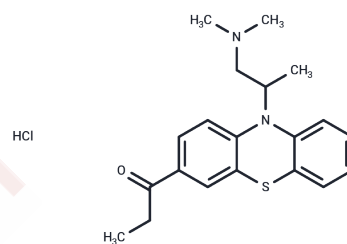


## Propiomazine Hydrochloride

### Chemical Properties

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 64-89-1                                                                                                             |
| Formula:          | C <sub>20</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>2</sub> S                                                   |
| Molecular Weight: | 376.94                                                                                                              |
| 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   | Propiomazine Hydrochloride is an antihistamine that blocks H1 receptors. |
| Targets(IC50) | Others                                                                   |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6529 mL | 13.2647 mL | 26.5294 mL |
| 5 mM  | 0.5306 mL | 2.6529 mL  | 5.3059 mL  |
| 10 mM | 0.2653 mL | 1.3265 mL  | 2.6529 mL  |
| 50 mM | 0.0531 mL | 0.2653 mL  | 0.5306 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

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- Henson EC, Ball DA, Brunson JG. Effects of propiomazine hydrochloride on newborn rabbits. *Arch Pathol.* 1968 Apr; 85(4):357-65. PubMed PMID: 4384486.

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