

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Prochlorperazine dimaleate

Product overview

| | |
|--------------------------|----------------------------------------------------------------------------------|
| Name | Prochlorperazine dimaleate |
| Cat No | HB1907 |
| Biological action | Antagonist |
| Purity | >99% |
| Description | D ₂ receptor antagonist. Also 5-HT ₃ and nAChR antagonist. |

Biological Data

| | |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Biological description | D ₂ receptor antagonist. Also 5-HT ₃ and nAChR antagonist. Exhibits antipsychotic, antinociceptive and antiemetic activity. Active <i>in vivo</i> . |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Solubility & Handling

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Storage instructions | Room temperature |
| Solubility overview | Soluble in DMSO (25mM) |
| Important | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

Chemical Data

| | |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Chemical name | 2-Chloro-10-[3[(4-methyl-1-piperazi nyl)propyl]-10H-phenothiazine dimaleate |
| Molecular Weight | 606.09 |
| Chemical structure | |
| Molecular Formula | C ₂₀ H ₂₄ ClN ₃ S.2C ₄ H ₄ O ₄ |
| CAS Number | 84-02-6 |
| PubChem identifier | 5281032 |
| SMILES | <chem>O=C(O)/C=C\C(O)=O.C1C4=CC2=C(C=C4)SC1=CC=CC=C1N2CCCN3CCN(C)CC3.O=C(O)/C=C\C(O)=O</chem> |
| InChiKey | DSKIOWHQLUWFLG-SPIKMXEPSA-N |
