

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> .
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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(G=C4)SC1=CC=CC=C1N2CCCN3CCN(C)CC3.O=C(O)/C=C\C(O)=O</chem>
InChiKey	DSKIOWHQLUWFLG-SPIKMXEPSA-N
