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

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

customercare-usa@hellobio.com



DATASHEET

Mianserin hydrochloride

Product overview

Name Mianserin hydrochloride

Cat No HB1658
Biological action Antagonist
Purity >99%

Description Non-selective 5-HT₂ receptor antagonist. Shows activity at other receptors.

Biological Data

Biological description Non-selective 5-HT $_2$ receptor antagonist (K $_i$ values are 8 and 8.1 nM for h5-HT $_{2A}$ and 5-HT $_{2C}$ receptors

respectively). Has moderate affinity for $5-HT_6$ and shows action at other receptors including κ -opioid,

 α_2 and H_1 . Shows antidepressant and antiemetic action.

Solubility & Handling

Solubility overview Soluble in water (10mM)
Storage instructions Room temperature

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 1,2,3,4,10,14b-Hexahydro-2-methyldi benzo[*c*,*f*]pyrazino[1,2-*a*]azepine hydrochloride

Molecular Weight300.83Molecular FormulaC18H20N2-HCICAS Number21535-47-7PubChem identifier68551

SMILES CI.CN1CCN2C(C1)C1=CC=CC=C1CC1=C2C=CC=C1

InChiKey YNPFMWCWRVTGKJ-UHFFFAOYSA-N