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DATASHEET

Mianserin hydrochloride

Product overview

Name	Mianserin hydrochloride
Cat No	HB1658
Biological action	Antagonist
Purity	>99%
Description	Non-selective 5-HT ₂ 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.
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in water (10mM)
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	1,2,3,4,10,14b-Hexahydro-2-methyl-di benzo[<i>c</i> , <i>f</i>]pyrazino[1,2- <i>a</i>]azepine hydrochloride
Molecular Weight	300.83
Molecular Formula	C ₁₈ H ₂₀ N ₂ .HCl
CAS Number	21535-47-7
PubChem identifier	68551
SMILES	Cl.CN1CCN2C(C1)C=CC=CC=C1CC1=C2C=CC=C1
InChiKey	YNPFMWCWRVTGKJ-UHFFFAOYSA-N