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DATASHEET

Milnacipran hydrochloride

Product overview

Name	Milnacipran hydrochloride
Cat No	HB1759
Biological action	Inhibitor
Purity	>99%
Description	5-HT and norepinephrine re-uptake inhibitor (SNRI)

Biological Data

Biological description	5-HT and norepinephrine re-uptake inhibitor (SNRI) (IC ₅₀ values are 203 and 100 nM respectively). Shows antidepressant, antifibromyalgia and antinociceptive action. Active <i>in vivo</i> .
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in water (100mM) or DMSO (100mM)
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 <i>R</i> *,2 <i>S</i> *)-2-(Aminomethyl)- <i>N,N</i> -diethyl-1-phenylcyclopropanecarboxamide hydrochloride
Molecular Weight	282.81
Molecular Formula	C ₁₅ H ₂₂ N ₂ O.HCl
CAS Number	101152-94-7
PubChem identifier	73416954
SMILES	<chem>NC[C@@H]1[C@@]([C@](N(CC)CC)=O)([C@]2=CC=CC=C2)C1.NC[C@H]3[C@]([C@](N(CC)CC)=O)([C@]4=CC=CC=C4)C3.Cl.Cl</chem>
InChiKey	GIGAIO SMEXBLQA-IBWNGBJLSA-N
