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## DATASHEET

### Milnacipran hydrochloride

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#### Product overview

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

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#### Biological Data

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

<b>Storage instructions</b>	+4 °C
<b>Solubility overview</b>	Soluble in water (100mM) or DMSO (100mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

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#### Chemical Data

<b>Chemical name</b>	(1 <i>R</i> *,2 <i>S</i> *)-2-(Aminomethyl)- <i>N,N</i> -diethyl-1-phenylcyclopropanecarboxamide hydrochloride
<b>Molecular Weight</b>	282.81
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O.HCl
<b>CAS Number</b>	101152-94-7
<b>PubChem identifier</b>	73416954
<b>SMILES</b>	<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>
<b>InChiKey</b>	GIGAIOSMEXBLQA-IBWNGBJLSA-N

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