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## DATASHEET

Bicifadine hydrochloride

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### Product overview

<b>Name</b>	Bicifadine hydrochloride
<b>Cat No</b>	HB1787
<b>Biological action</b>	Antagonist
<b>Purity</b>	>98%
<b>Description</b>	Potent noradrenalin transporter antagonist. Also 5-HT and dopamine transporter antagonist.

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### Biological Data

<b>Biological description</b>	Potent noradrenalin transporter antagonist ( $IC_{50} = 55$ nM). Also 5-HT and dopamine transporter antagonist ( $IC_{50}$ values are 117 nM and 910 nM respectively). Shows antinociceptive activity. Active <i>in vivo</i>
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### Solubility & Handling

<b>Storage instructions</b>	room temperature (desiccate)
<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-(4-Methylphenyl)-3-azabicyclo[3.1.0]hexane hydrochloride
<b>Molecular Weight</b>	209.72
<b>Chemical structure</b>	
<b>Molecular Formula</b>	$C_{12}H_{15}N.HCl$
<b>CAS Number</b>	66504-75-4
<b>PubChem identifier</b>	47952
<b>SMILES</b>	<chem>CC(C=C3)=CC=C3C12CNCC1C2.Cl</chem>
<b>InChiKey</b>	OTZOPAFTLUOBOM-UHFFFAOYSA-N

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