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## DATASHEET

Zacopride hydrochloride

### Product overview

<b>Name</b>	Zacopride hydrochloride
<b>Cat No</b>	HB1694
<b>Biological action</b>	Antagonist
<b>Purity</b>	>99%
<b>Description</b>	Potent 5-HT <sub>3</sub> antagonist and 5-HT <sub>4</sub> agonist. Also selective IK1 channel agonist.

### Biological Data

<b>Biological description</b>	Highly potent 5-HT <sub>3</sub> receptor antagonist and 5-HT <sub>4</sub> agonist (K <sub>i</sub> values are 0.38 and 373 nM respectively). Also selective IK1 channel agonist. Shows anxiolytic and anti-emetic 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.

### Chemical Data

<b>Chemical name</b>	(±)-4-Amino-N-1-azabicyclo[2.2.2]oct-3-yl-5-chloro-2-methoxybenzamide hydrochloride
<b>Molecular Weight</b>	346.26
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>20</sub> ClN <sub>3</sub> O <sub>2</sub> ·HCl
<b>CAS Number</b>	101303-98-4
<b>PubChem identifier</b>	9928181
<b>SMILES</b>	Cl.COC1=C(C=C(Cl)C(N)=C1)C(=O)NC1CN2CCC1CC2
<b>InChiKey</b>	ITXVOUSORXSTQH-UHFFFAOYSA-N