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# **DATASHEET**

Zacopride hydrochloride

### **Product overview**

Name Zacopride hydrochloride

Cat No HB1694
Biological action Antagonist
Purity >99%

**Description** Potent 5-HT<sub>3</sub> antagonist and 5-HT<sub>4</sub> agonist. Also selective IK1 channel agonist.

## **Biological Data**

**Biological description** 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 in

vivo.

## **Solubility & Handling**

**Solubility overview** Soluble in water (100mM) or DMSO (100mM)

Storage instructions room temperature (desiccate)

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 (±)-4-Amino-*N*-1-azabicyclo[2.2.2]oct -3-yl-5-chloro-2-methoxybenzamide hydrochloride

Molecular Weight 346.26

Molecular Formula $C_{15}H_{20}CIN_3O_2.HCI$ CAS Number101303-98-4PubChem identifier9928181

InChiKey ITXVOUSORXSTQH-UHFFFAOYSA-N