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## DATASHEET

Mosapride citrate

### Product overview

<b>Name</b>	Mosapride citrate
<b>Cat No</b>	HB1737
<b>Biological action</b>	Antagonist
<b>Purity</b>	>99%
<b>Description</b>	5-HT <sub>4</sub> receptor agonist. Also 5-HT <sub>3</sub> antagonist.

### Biological Data

<b>Biological description</b>	5-HT <sub>4</sub> receptor agonist and 5-HT <sub>3</sub> receptor antagonist. Displays no activity at D <sub>2</sub> , α <sub>1</sub> , α <sub>2</sub> , 5-HT <sub>1</sub> and 5-HT <sub>2</sub> receptors. Shows anti-emetic effects.
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### Solubility & Handling

<b>Storage instructions</b>	room temperature (desiccate)
<b>Solubility overview</b>	Soluble in DMSO (100mM) or ethanol (10mM)
<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-5-chloro-2-ethoxy-N-[[4-[(4-fluorophenyl)methyl]-2-morpholinyl]methyl]benzamide citrate
<b>Molecular Weight</b>	614.02
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>25</sub> ClFN <sub>3</sub> O <sub>3</sub> ·C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>
<b>CAS Number</b>	112885-42-4
<b>PubChem identifier</b>	119583
<b>SMILES</b>	<chem>O=C(O)C(O)(CC(O)=O)CC(O)=O.C1=CC(N)C=C(OCC)C(C(NCC2OCCN(CC3=CC=C(F)C=C3)C2)=O)=C1</chem>
<b>InChiKey</b>	HUZTYZBFZKRPFG-UHFFFAOYSA-N