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DATASHEET

Mosapride citrate

Product overview

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

Biological Data

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

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