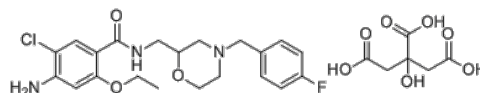


Product Name : Mosapride citrate
Cat. No. : PC-62097
CAS No. : 636582-62-2
Molecular Formula : C₂₇H₃₃ClFN₃O₁₀
Molecular Weight : 614.02
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Mosapride citrate (AS-4370 citrate) is a gastroprokinetic agent that acts as a selective **5-HT₄ agonist**, has concentration-dependent inhibitory effect on Kv4.3.

Mosapride citrate accelerates gastric emptying throughout the whole of the gastrointestinal tract *invivo*, and is used for the treatment of gastritis, gastro-oesophageal reflux disease, functional dyspepsia and irritable bowel syndrome.

References

- Kato S, et al. *J Med Chem.* 1991 Feb;34(2):616-24.
 Yoshida N, et al. *J Pharmacol Exp Ther.* 1991 May;257(2):781-7.
 Sakashita M, et al. *Arzneimittelforschung.* 1993 Aug;43(8):859-63.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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