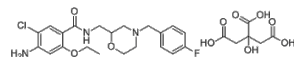


Product Name : Mosapride citrate (b)

Synonyms : AS-4370 citrate; TAK-370

Cat No. : M15413

CAS Number : 636582-62-2



Molecular Formula : C₂₇H₃₃ClFN₃O₁₀

Formula Weight : 614.02

Chemical Name : 4-Amino-5-chloro-2-ethoxy-N-[[4-[(4-fluorophenyl)methyl]morpholin-2-yl]methyl]benzamide citrate

Description : Mosapride citrate (AS-4370 citrate) is a gastroprokinetic agent that acts as a selective 5HT₄ agonist; 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. Other Indication Phase 2 Clinical

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT Receptor

Solubility : —

SMILES : CCOC1=CC(=C(C=C1C(=O)NCC2CN(CCO2)CC3=CC=C(C(=C3)F)Cl)N.C(C(=O)O)C(CC(=O)O)(C(=O)O)O.O.O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kato S, et al. J Med Chem. 1991 Feb;34(2):616-24. 2. Yoshida N, et al. J Pharmacol Exp Ther. 1991 May;257(2):781-7. 3. Sakashita M, et al. Arzneimittelforschung. 1993 Aug;43(8):859-63.