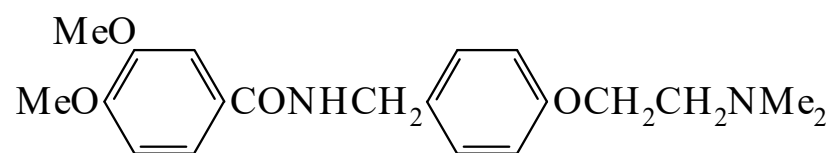




>>Entry Name: Itopride, INN

Synonym(s): *N*-[[4-[2-(Dimethylamino)ethoxy]phenyl]methyl]-3,4-dimethoxybenzamide, 9Cl. Ganaton



CAS Registry Number: 122898-67-3

Molecular Formula: C₂₀H₂₆N₂O₄

Molecular Weight: 358.436

Accurate Mass: 358.189258

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Use/Importance: Dopamine D₂-receptor antagonist. Gastroprokinetic and antiemetic agent

Development Status: Launched 1995 (Japan)

Solubility: Sol. H₂O

Calculated Log P Data: Log P 2.14 (uncertain value) (calc)

>>Derivative: Hydrochloride

Synonym(s): HSR 803

CAS Registry Number: 122892-31-3

Physical Description: Prisms (EtOH)

Melting Point: Mp 190.5-191.5°

References:

Eur. Pat., 1989, *Hokuriku*, 306 827; *CA*, **111**, 153371g, (*synth, pharmacol*)

Iwanaga, Y. *et al.*, *Gastroenterology*, 1990, **99**, 401, (*pharmacol*)

Iwanaga, Y. *et al.*, *Jpn. J. Pharmacol.*, 1991, **56**, 261; 1993, **62**, 395, (*pharmacol*)

Sakaguchi, J. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 202, (*synth, pmr, ir, pharmacol*)

Takahara, E. *et al.*, *J. Chromatogr.*, 1992, **576**, 174, (*hplc*)