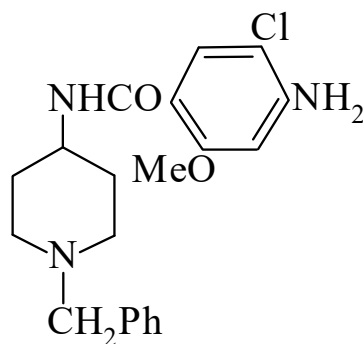




>>Entry Name: **Clebopride**, INN, USAN

Synonym(s): 4-Amino-5-chloro-2-methoxy-*N*-[1-(phenylmethyl)-4-piperidiny]benzamide, 9Cl. 4-Amino-*N*-(1-benzyl-4-piperidyl)-5-chloro-*o*-anisamide. Amicos. Clanzol. Clast. Clebodian. Cleboril. Gastridin. Motilex. **Valopride**‡. Vuxolin. LAS 9273. Many other names



CAS Registry Number: 55905-53-8

Related CAS Registry Numbers(s): 64877-77-6 84370-95-6

Molecular Formula: C₂₀H₂₄ClN₃O₂

Molecular Weight: 373.881

Accurate Mass: 373.155704

Percentage Composition: C 64.25%; H 6.47%; Cl 9.48%; N 11.24%; O 8.56%

Use/Importance: Dopamine D₂-receptor antagonist, spasmolytic, antiemetic agent

Physical Description: Cryst. (MeOH)

Melting Point: Mp 194-195°

Calculated Log P Data: Log P 2.8 (calc)

Hazard & Toxicity: Drug-induced parkinsonism reported. LD₅₀ (mus, ipr) 40 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 57645-39-3

Physical Description: Cryst. + 1H₂O

Melting Point: Mp 217-219°

>>Derivative: Malate

Synonym(s): Clebopride malate, JAN

CAS Registry Number: 57645-91-7

Hazard & Toxicity: LD₅₀ (rat, orl) 2540 mg/kg

References:

- Ger. Pat.*, 1975, *Gallardo Antonio*, 2 513 136; *CA*, **84**, 30908d, (*synth, pharmacol*)
Clow, A. et al., *Br. J. Pharmacol.*, 1977, **60**, 268P, (*pharmacol*)
Prieto, J. et al., *J. Pharm. Pharmacol.*, 1977, **29**, 147, (*synth, tox*)
Elliott, P.N.C. et al., *Neuropharmacology*, 1977, **16**, 333, (*pharmacol*)
Robert, D.J., *Curr. Ther. Res.*, 1982, **31**, 1, (*rev*)
Robinson, P.R. et al., *J. Chromatogr.*, 1991, **564**, 147, (*gc-ms*)
Takeda, K. et al., *J. Pharmacol. Exp. Ther.*, 1991, **257**, 806, (*pharmacol*)
Montagna, P. et al., *Mov. Disord.*, 1992, **7**, 89, (*tox*)
Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 880
Sempere, A.P. et al., *Mov. Disord.*, 1994, **9**, 114, (*tox*)
Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., *Akademie-Verlag*, 1994, 7761, (*synonyms*)
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, CMV325