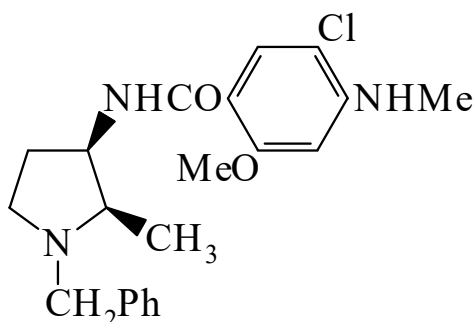




>>Entry Name: Nemonapride, INN, JAN

Synonym(s): 5-Chloro-2-methoxy-4-(methylamino)-*N*-[2-methyl-1-(phenylmethyl)-3-pyrrolidinyl]benzamide, 9Cl. *N*-(1-Benzyl-2-methyl-3-pyrrolidinyl)-5-chloro-2-methoxy-4-methylaminobenzamide. Beminapride. Emonapride. Emilace. Emirace. YM 09151-2



CAS Registry Number: 75272-39-8

Related CAS Registry Numbers(s): 70325-83-6 100234-40-0 100234-41-1

Molecular Formula: C₂₁H₂₆ClN₃O₂

Molecular Weight: 387.908

Accurate Mass: 387.171354

Percentage Composition: C 65.02%; H 6.76%; Cl 9.14%; N 10.83%; O 8.25%

Use/Importance: Dopamine D₂-receptor antagonist with other neurotransmitter receptor activities; neuroleptic, antipsychotic agent

Physical Description: Plates (Me₂CO)

Development Status: Launched 1991 (Japan)

Melting Point: Mp 150°

Experimental Log P Data: Log P 3.51 (pH 7.4) (exp) Log P 3.98 (exp)

Calculated Log P Data: Log P 3.79 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 604 mg/kg. LD₅₀ (mus, ivn) 24.5 mg/kg. Exp. reprod. effects

>>Variant: (2*RS*,3*RS*)-form

Synonym(s): *cis*-(±)-form

CAS Registry Number: 93664-94-9

Molecular Formula: C₂₁H₂₆ClN₃O₂

Molecular Weight: 387.908

Accurate Mass: 387.171354

Percentage Composition: C 65.02%; H 6.76%; Cl 9.14%; N 10.83%; O 8.25%

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 154.5-155°

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