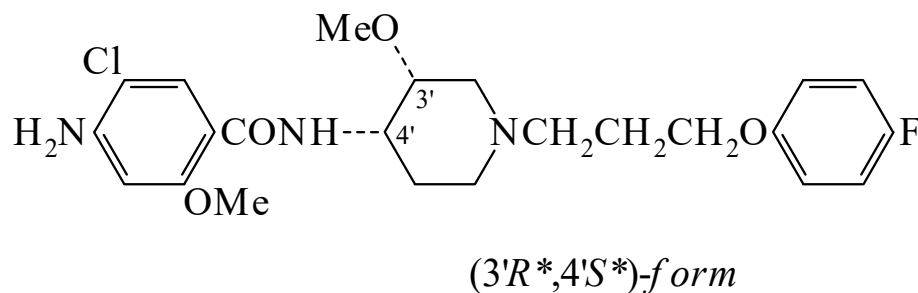




>>Entry Name: Cisapride, BAN, INN, JAN, USAN

Synonym(s): 4-Amino-5-chloro-*N*-[*N*-[3-(4-fluorophenoxy)propyl]-3-methoxy-4-piperidiny]-2-methoxybenzamide, 9Cl. Alimix. Arcasin. Cipril. Cyprid. Fisiogastrol. Kelosal. Kinet. Prepulsid. Propulsin. Propulsid. Pulsitil. Trautil. R 51619



CAS Registry Number: 81098-60-4

Related CAS Registry Numbers(s): 104860-73-3

Molecular Formula: C₂₃H₂₉ClFN₃O₄

Molecular Weight: 465.951

Accurate Mass: 465.183062

Percentage Composition: C 59.29%; H 6.27%; Cl 7.61%; F 4.08%; N 9.02%; O 13.73%

Biological Use/Importance: Possible 5HT₄ agonist, stimulates gut smooth muscle. Increases gastrointestinal motility (prokinetic agent); used in the management of GI reflux, dyspepsia

Development Status: Marketed drug. Launched 1988

Calculated Log P Data: Log P 3.35 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 4166 mg/kg. LD₅₀ (rat, ipr) 3435 mg/kg. Exp. reprod. effects

>>Variant: (3'*R**,4'*S**)-form

Synonym(s): (+)-*cis*-form

CAS Registry Number: 86718-70-9

Molecular Formula: C₂₃H₂₉ClFN₃O₄

Molecular Weight: 465.951

Accurate Mass: 465.183062

Percentage Composition: C 59.29%; H 6.27%; Cl 7.61%; F 4.08%; N 9.02%; O 13.73%

Melting Point: Mp 129°

>>Variant: (3'*S**,4'*R**)-form

Synonym(s): (–)-*cis*-form

CAS Registry Number: 86719-31-5

Molecular Formula: C₂₃H₂₉ClFN₃O₄

Molecular Weight: 465.951

Accurate Mass: 465.183062

Percentage Composition: C 59.29%; H 6.27%; Cl 7.61%; F 4.08%; N 9.02%; O 13.73%

Melting Point: Mp 125°

>>Variant: (3'*RS*,4'*RS*)-form

Synonym(s): (±)-*trans*-form

CAS Registry Number: 86719-33-7

Molecular Formula: C₂₃H₂₉ClFN₃O₄

Molecular Weight: 465.951

Accurate Mass: 465.183062

Percentage Composition: C 59.29%; H 6.27%; Cl 7.61%; F 4.08%; N 9.02%; O 13.73%

Melting Point: Mp 108°

>>Variant: (3'*RS*,4'*SR*)-form

Synonym(s): (±)-*cis*-form

CAS Registry Number: 86718-68-5

Molecular Formula: C₂₃H₂₉ClFN₃O₄

Molecular Weight: 465.951

Accurate Mass: 465.183062

Percentage Composition: C 59.29%; H 6.27%; Cl 7.61%; F 4.08%; N 9.02%; O 13.73%

Physical Description: Cryst. (heptane)

Melting Point: Mp 131-133°