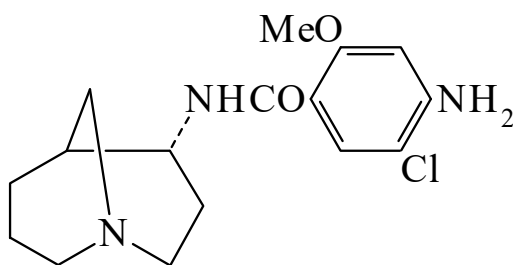




>>Entry Name: **Renzapride**, BAN, INN

Synonym(s): 4-Amino-*N*-1-azabicyclo[3.3.1]non-4-yl-5-chloro-2-methoxybenzamide



CAS Registry Number: 112727-80-7

Related CAS Registry Numbers(s): 88721-77-1

Molecular Formula: C₁₆H₂₂ClN₃O₂

Molecular Weight: 323.821

Accurate Mass: 323.140054

Percentage Composition: C 59.35%; H 6.85%; Cl 10.95%; N 12.98%; O 9.88%

Use/Importance: 5-HT₄ receptor agonist. 5-HT₃ receptor antagonist. Increases gastrointestinal motility (prokinetic)

Melting Point: Mp 260 dec.°

Calculated Log P Data: Log P 1.17 (calc)

>>Variant: *endo*-(–)-form

CAS Registry Number: 147822-02-4

Molecular Formula: C₁₆H₂₂ClN₃O₂

Molecular Weight: 323.821

Accurate Mass: 323.140054

Percentage Composition: C 59.35%; H 6.85%; Cl 10.95%; N 12.98%; O 9.88%

Melting Point: Mp 207 dec.°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -14.2$ (c, 1 in MeOH)

>>Variant: *endo*-(+)-form

CAS Registry Number: 147822-01-3

Molecular Formula: C₁₆H₂₂ClN₃O₂

Molecular Weight: 323.821

Accurate Mass: 323.140054

Percentage Composition: C 59.35%; H 6.85%; Cl 10.95%; N 12.98%; O 9.88%

Melting Point: Mp 224 dec°

Optical Rotation: $[\alpha]_{\text{D}}^{21} +17.8$ (c, 1 in MeOH)

>>Variant: *endo*-(±)-form

Molecular Formula: C₁₆H₂₂ClN₃O₂

Molecular Weight: 323.821

Accurate Mass: 323.140054

Percentage Composition: C 59.35%; H 6.85%; Cl 10.95%; N 12.98%; O 9.88%

>>Derivative: Hydrochloride

Synonym(s): BRL 24924A

CAS Registry Number: 109872-41-5

Melting Point: Mp 226-233° (as hydrate)

>>Variant: *exo*-(±)-form

CAS Registry Number: 147767-36-0

Molecular Formula: C₁₆H₂₂ClN₃O₂

Molecular Weight: 323.821

Accurate Mass: 323.140054

Percentage Composition: C 59.35%; H 6.85%; Cl 10.95%; N 12.98%; O 9.88%

Melting Point: Mp 181-231 dec.°

Other Data: Contaminated with 1.5% *endo*-form

References: