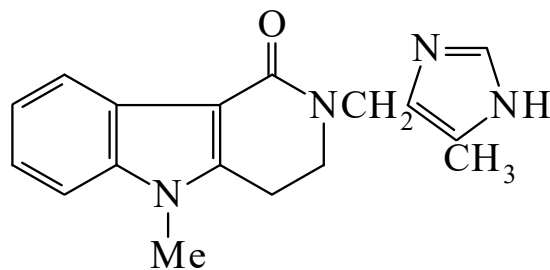




>>Entry Name: Alosetron, BAN, INN

Synonym(s): 2,3,4,5-Tetrahydro-5-methyl-2-[(5-methyl-1*H*-imidazol-4-yl)methyl]-1*H*-pyrido[4,3-*b*]indol-1-one, 9Cl. GR 68755



CAS Registry Number: 122852-42-0

Related CAS Registry Numbers(s): 132414-02-9

Molecular Formula: C₁₇H₁₈N₄O

Molecular Weight: 294.355

Accurate Mass: 294.148061

Percentage Composition: C 69.37%; H 6.16%; N 19.03%; O 5.44%

Biological Use/Importance: 5-HT₃ antagonist. Antipsychotic and potential antiemetic agent. Under investigation for the treatment of irritable bowel syndrome

Development Status: Approved by FDA (2000)

Calculated Log P Data: Log P 1.17 (uncertain value) (calc)

>>Derivative: Hydrochloride

Synonym(s): Alosetron hydrochloride, USAN. Lotronex

CAS Registry Number: 122852-69-1

Physical Description: Solid

Melting Point: Mp 288-291°

>>Derivative: Maleate

CAS Registry Number: 122852-43-1

Physical Description: Solid

Melting Point: Mp 160-162°

References:

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