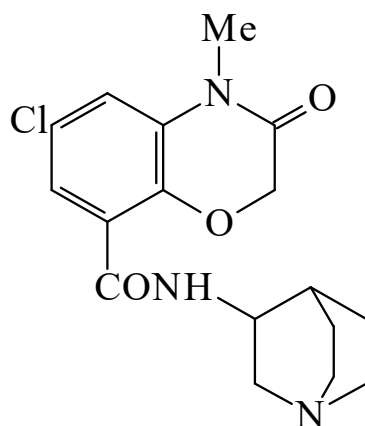




>>Entry Name: Azasetron, INN, USAN

Synonym(s): *N*-1-Azabicyclo[2.2.2]oct-3-yl-6-chloro-3,4-dihydro-4-methyl-3-oxo-2*H*-1,4-benzoxazine-8-carboxamide, gCl. Serotone. Y 25130



CAS Registry Number: 123039-99-6

Related CAS Registry Numbers(s): 123040-16-4 123040-93-7 123040-94-8 123040-95-9 123040-96-0

Molecular Formula: C₁₇H₂₀ClN₃O₃

Molecular Weight: 349.816

Accurate Mass: 349.119319

Percentage Composition: C 58.37%; H 5.76%; Cl 10.13%; N 12.01%; O 13.72%

Use/Importance: Selective 5-HT₃ receptor antagonist. Shows antiemetic activity against chemotherapy-induced emesis

Development Status: Launched 1994 (Japan)

>>Variant: (±)-form

CAS Registry Number: 123040-69-7

Molecular Formula: C₁₇H₂₀ClN₃O₃

Molecular Weight: 349.816

Accurate Mass: 349.119319

Percentage Composition: C 58.37%; H 5.76%; Cl 10.13%; N 12.01%; O 13.72%

>>Derivative: Hydrochloride

CAS Registry Number: 141922-90-9

Physical Description: Cryst. (EtOH)

Melting Point: Mp 305 dec.°

References:

Eur. Pat., 1989, *Yoshitomi*, 313 393; *CA*, **111**, 174109t, (*synth, pharmacol*)

Fukuda, T. *et al.*, *Eur. J. Pharmacol.*, 1991, **196**, 299, (*pharmacol*)

Kawakita, T. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 624, (*synth*)

Sato, N. *et al.*, *Jpn. J. Pharmacol.*, 1992, **59**, 443; 1993, **63**, 377, (*pharmacol*)