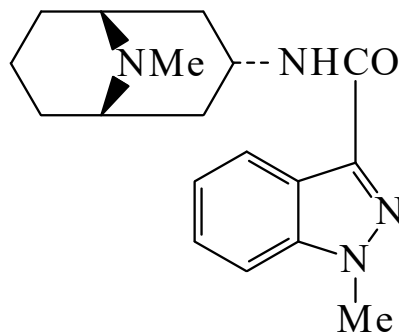




>>Entry Name: Granisetron, BAN, INN

Synonym(s): 1-Methyl-N-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)-1H-indazole-3-carboxamide, 9CI



CAS Registry Number: 109889-09-0

Molecular Formula: C₁₈H₂₄N₄O

Molecular Weight: 312.414

Accurate Mass: 312.195011

Percentage Composition: C 69.20%; H 7.74%; N 17.93%; O 5.12%

Biological Use/Importance: 5HT₃-receptor antagonist. Antiemetic

Development Status: Marketed drug. Launched 1991 (South Africa)

Calculated Log P Data: Log P 1.79 (calc)

>>Derivative: Hydrochloride

Synonym(s): Granisetron hydrochloride, BAN. Kevatril. Kytril. BRL 43694A

CAS Registry Number: 107007-99-8

Melting Point: Mp 290-292°

References:

Eur. Pat., 1986, 200 444; *CA*, **106**, 119892, (*synth, pharmacol*)

Bermudez, J. *et al.*, *J. Med. Chem.*, 1990, **33**, 1924, (*synth*)

Goa, K.L. *et al.*, *Drugs*, 1991, **42**, 805, (*rev*)

Kudoh, S. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1994, **660**, 205-210, (*hplc*)

Adams, V.R. *et al.*, *Ann. Pharmacother.*, 1995, **29**, 1240, (*rev, pharmacol*)

Martindale, The Extra Pharmacopoeia, 32nd edn., *Pharmaceutical Press*, 1999, 1193