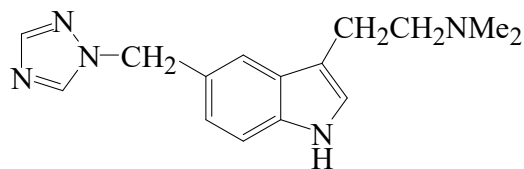




>>Entry Name: Rizatriptan, BAN, INN

Synonym(s): *N,N*-Dimethyl-5-(1*H*-1,2,4-triazol-1-ylmethyl)-1*H*-indole-3-ethanamine, 9Cl. MK 462. L 705126



CAS Registry Number: 144034-80-0

Related CAS Registry Numbers(s): 144235-24-5 144235-39-2 180407-13-0

Molecular Formula: C₁₅H₁₉N₅

Molecular Weight: 269.349

Accurate Mass: 269.164045

Percentage Composition: C 66.89%; H 7.11%; N 26.00%

Biological Use/Importance: 5HT_{1B/1D}-receptor agonist. Antimigraine agent

>>Derivative: Benzoate

Synonym(s): Rizatriptan benzoate, USAN. Maxalt

CAS Registry Number: 145202-66-0

Development Status: Approved by FDA (1998)

Melting Point: Mp 178-180°

References:

Eur. Pat., 1992, *Merck Sharp and Dohme*, 497 512; *CA*, **118**, 38924x, (*synth, pharmacol*)

Chen, C. *et al.*, *Tet. Lett.*, 1994, **35**, 6981-6984, (*synth, pmr, cmr*)

Ferro, A. *et al.*, *Br. J. Clin. Pharmacol.*, 1995, **40**, 245-251, (*pharmacol*)

Street, L.J. *et al.*, *J. Med. Chem.*, 1995, **38**, 1799-1810, (*synth, pmr, pharmacol*)

McLoughlin, D.A. *et al.*, *J. Chromatogr., A*, 1996, **726**, 115-124, (*hpc-ms*)

Cumberbatch, M.J. *et al.*, *Eur. J. Pharmacol.*, 1997, **328**, 37-40; 61-64, (*pharmacol*)

Dahlof, C. *et al.*, *Expert Opin. Invest. Drugs*, 1999, **8**, 671-685