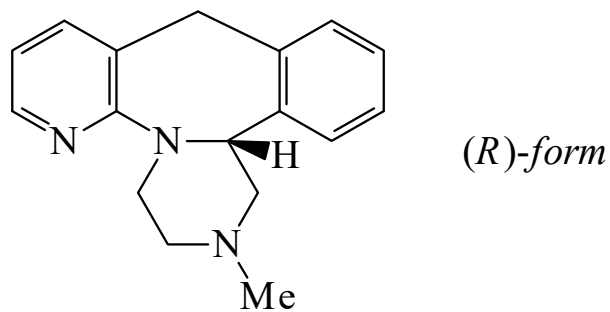




>>Entry Name: Mirtazapine, BAN, INN, USAN

Synonym(s): 1,2,3,4,10,14*b*-Hexahydro-2-methylpyrazino[2,1-*a*]pyrido[2,3-*c*][2]benzazepine. 6-Azamianserin. Mepirzapin. Remergon. Remeron. Org 3770



CAS Registry Number: 61337-67-5

Related CAS Registry Numbers(s): 61337-87-9 61364-37-2 85650-52-8

Molecular Formula: C₁₇H₁₉N₃

Molecular Weight: 265.357

Accurate Mass: 265.157897

Percentage Composition: C 76.95%; H 7.22%; N 15.84%

Use/Importance: Presynaptic α_2 -adrenoceptor antagonist. 5HT₃-receptor antagonist. Antidepressant.

Development Status: Launched 1994 (Netherlands)

pKa Value: pK_a 6.33

Calculated Log P Data: Log P 3.46 (uncertain value) (calc)

Other Data: Analogue of Mianserin [DKV22-F](#). (*R*)-form is pharmacol. active enantiomer

References:

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Gower, A.J. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1988, **291**, 185, (*pharmacol, enantiomers*)
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Maris, F.A. *et al.*, *J. Chromatogr.*, 1991, **547**, 45, (*hplc*)
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 265
Heydorn, W.E., *Expert Opin. Invest. Drugs*, 1995, **4**, 945, (*rev*)
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