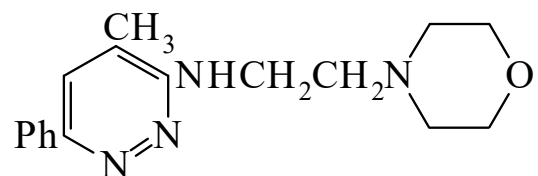




>>Entry Name: **Minaprine**, BAN, INN, USAN

Synonym(s): *N*-(4-Methyl-6-phenyl-3-pyridazinyl)-4-morpholineethanamine, 9Cl. 4-[2-[(4-Methyl-6-phenyl-3-pyridazinyl)amino]ethyl]morpholine, 8Cl. Cantor. Isopulsan. Nortimic. CB 30038. AGR 1240. Many other names



CAS Registry Number: 25905-77-5

Related CAS Registry Numbers(s): 118269-66-2

Molecular Formula: C₁₇H₂₂N₄O

Molecular Weight: 298.387

Accurate Mass: 298.179361

Percentage Composition: C 68.43%; H 7.43%; N 18.78%; O 5.36%

Use/Importance: Antidepressant, psychostimulant. Exp. cerebroprotective

Physical Description: Needles (2-propanol)

Melting Point: Mp 122°

Calculated Log P Data: Log P 2.63 (calc)

Sigma: M3157

>>Derivative: Hydrochloride (1:2)

Synonym(s): **Minaprine hydrochloride**, USAN

CAS Registry Number: 25953-17-7

Physical Description: Cryst. (EtOH)

Melting Point: Mp 182°

References:

Laborit, H. *et al.*, *Agressologie*, 1969, **10**, 469; 1972, **13**, 291, (*pharmacol*)

Wermuth, C.G. *et al.*, *Agressologie*, 1972, **13**, 285, (*synth*)

Mazue, A.G. *et al.*, *Agressologie*, 1972, **13**, 319, (*tox*)

Worms, P. *et al.*, *J. Pharmacol.*, 1986, **17**, 2; 126, (*pharmacol*)

Wermuth, C.G. *et al.*, *J. Med. Chem.*, 1989, **32**, 528, (*sar*)

Okuyama, S. *et al.*, *Gen. Pharmacol.*, 1991, **22**, 143, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 265

Negwer, M., *Organic-Chemical Drugs and their Synonyms, 7th edn., Akademie-Verlag, 1994, 5950, (synonyms)*