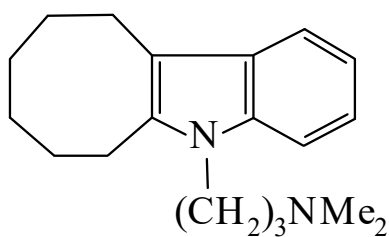




>>Entry Name: Iprindole, BAN, INN, USAN

Synonym(s): 6,7,8,9,10,11-Hexahydro-*N,N*-dimethyl-5*H*-cyclooct[*b*]indole-5-propanamine, 9Cl. 5-[3-(Dimethylamino)propyl]-6,7,8,9,10,11-hexahydro-5*H*-cyclooct[*b*]indole, 8Cl. Tertran. Pramindole (obsol.). Wy 3263



CAS Registry Number: 5560-72-5

Molecular Formula: C₁₉H₂₈N₂

Molecular Weight: 284.444

Accurate Mass: 284.225248

Percentage Composition: C 80.23%; H 9.92%; N 9.85%

Use/Importance: Antidepressant

Calculated Log P Data: Log P 5.01 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 484 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Galatur. Prondol

CAS Registry Number: 20432-64-8

Physical Description: Cryst. (MeOH/Me₂CO)

Melting Point: Mp 146-147°

References:

- Rice, L.M. *et al.*, *J. Med. Chem.*, 1964, **7**, 313, (*synth*)
Gluckman, M.I. *et al.*, *Psychopharmacologia*, 1969, **15**, 169, (*pharmacol*)
Lemberger, L. *et al.*, *Biochem. Pharmacol.*, 1970, **19**, 3021, (*pharmacol*)
Miller, K.W. *et al.*, *Experientia*, 1970, **26**, 863
Freeman, J.J. *et al.*, *J. Pharmacol. Exp. Ther.*, 1972, **183**, 307, (*pharmacol*)
Rodgers, J.R. *et al.*, *Acta Cryst. B*, 1974, **30**, 1970, (*cryst struct*)
De Montigny, C., *Mod. Probl. Pharmacopsychiatry*, 1982, **18**, 102, (*rev*)
Maxwell, R.A., *Drug Dev. Res.*, 1983, **3**, 203, (*rev*)
Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 257
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DPX200