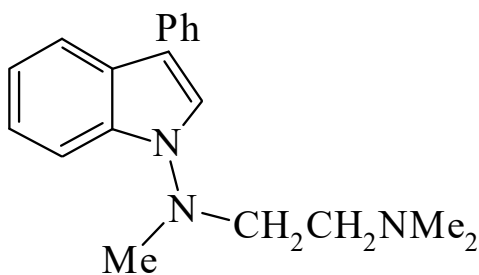




>>Entry Name: Binedaline, INN

Synonym(s): *N,N,N'*-Trimethyl-*N'*-(3-phenyl-1*H*-indol-1-yl)-1,2-ethanediamine, 9Cl. 1-[[2-(Dimethylamino)ethyl]methylamino]-3-phenylindole. Binodaline. Scha 1659. Sgd 20578. Sgd Scha 1059



CAS Registry Number: 60662-16-0

Molecular Formula: C₁₉H₂₃N₃

Molecular Weight: 293.411

Accurate Mass: 293.189197

Percentage Composition: C 77.78%; H 7.90%; N 14.32%

Use/Importance: Noradrenaline uptake inhibitor. Antidepressant agent

Development Status: Never marketed

Hazard & Toxicity: LD₅₀ (rat, orl) 1160 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Ixprim

CAS Registry Number: 57647-35-5

Melting Point: Mp 188-190°

Hazard & Toxicity: LD₅₀ (rat, orl) 1160 mg/kg. LD₅₀ (rat, ivn) 26 mg/kg

References:

Ger. Pat., 1975, *Siegfried*, 2 512 702; *CA*, **84**, 30886v, (*synth*)

Schatz, F. *et al.*, *Arzneim.-Forsch.*, 1980, **30**, 919, (*synth, pharmacol*)

Jahn, U. *et al.*, *Arzneim.-Forsch.*, 1983, **33**, 726, (*pharmacol, tox*)

Morin, D. *et al.*, *J. Pharmacol. Exp. Ther.*, 1989, **249**, 288, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 250

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, BGC500