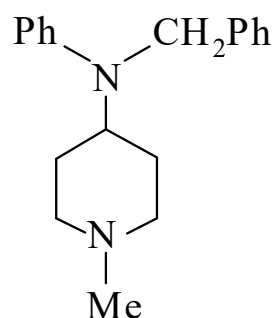




>>Entry Name: **Bamipine**, BAN, INN

Synonym(s): 1-Methyl-*N*-phenyl-*N*-(phenylmethyl)-4-piperidinamine, 9Cl. 4-(*N*-Benzylanilino)-1-methylpiperidine, 8Cl. 4-(Benzylphenylamino)-1-methylpiperidine. Soventol. Taumidrine



CAS Registry Number: 4945-47-5

Molecular Formula: C₁₉H₂₄N₂

Molecular Weight: 280.412

Accurate Mass: 280.193948

Percentage Composition: C 81.38%; H 8.63%; N 9.99%

Use/Importance: Histamine H₁-receptor antagonist

Physical Description: Cryst. (MeOH)

Melting Point: Mp 115°

Calculated Log P Data: Log P 4.1 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 250 mg/kg

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 61732-85-2

Physical Description: Cryst. (EtOH)

Melting Point: Mp 189 dec.°

References:

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Hanna, C., *Toxicol. Appl. Pharmacol.*, 1961, **3**, 393, (*tox*)

Birknes, B., *Acta Cryst. B*, 1977, **33**, 2301, (*cryst struct*)

Neidlein, R. *et al.*, *Arzneim.-Forsch.*, 1987, **37**, 32; 174; 337, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 931