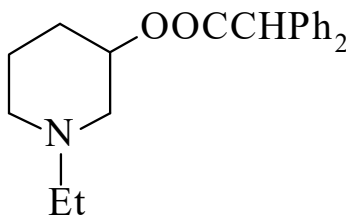




>>Entry Name: Piperidolate, BAN, INN

Synonym(s): 1-Ethyl-3-piperidinyll α -phenylbenzeneacetate, 9Cl. JB 305



CAS Registry Number: 82-98-4

Molecular Formula: $C_{21}H_{25}NO_2$

Molecular Weight: 323.434

Accurate Mass: 323.188529

Percentage Composition: C 77.99%; H 7.79%; N 4.33%; O 9.89%

Use/Importance: Anticholinergic, antispasmodic and analgesic

Physical Description: Liq.

Calculated Log P Data: Log P 4.59 (calc)

Sigma: P9261

>>Variant: ($\pm$)-form

Molecular Formula: $C_{21}H_{25}NO_2$

Molecular Weight: 323.434

Accurate Mass: 323.188529

Percentage Composition: C 77.99%; H 7.79%; N 4.33%; O 9.89%

Boiling Point: Bp_{0.18} 191-192°

>>Derivative: Hydrochloride

Synonym(s): Crapinon. Dactil. Dactilake. Dactilate. Dactiran. Edelal

CAS Registry Number: 129-77-1

Melting Point: Mp 195-196°

Hazard & Toxicity: LD₅₀ (mus, orl) 1040 mg/kg

References:

Chen, J.Y.P. *et al.*, *J. Pharmacol. Exp. Ther.*, 1952, **104**, 269, (*pharmacol*)

Biel, J.H. *et al.*, *J.A.C.S.*, 1952, **74**, 1485, (*synth*)

Abood, L.G. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1959, **120**, 186, (*pharmacol*)

Guy, J.J. *et al.*, *J.C.S. Perkin 2*, 1974, 101, (*cryst struct*)

Marozzi, E. *et al.*, *Farmaco, Ed. Prat.*, 1976, **31**, 180, (*glc*)

Peterson, B.A. *et al.*, *J. Forensic Sci.*, 1976, **21**, 279, (*ms*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 430

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EOY000