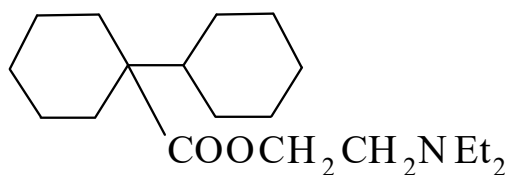




>>Entry Name: Dicycloverine, INN

Synonym(s): 2-(Diethylamino)ethyl [1,1'-bicyclohexyl]-1-carboxylate, 9Cl. **Dicyclomine**, BAN



CAS Registry Number: 77-19-0

Molecular Formula: C₁₉H₃₅NO₂

Molecular Weight: 309.491

Accurate Mass: 309.266779

Percentage Composition: C 73.74%; H 11.40%; N 4.53%; O 10.34%

Use/Importance: Anticholinergic agent

Calculated Log P Data: Log P 5.96 (calc)

>>Derivative: Hydrochloride

Synonym(s): **Dicyclomine hydrochloride**, USAN. Atumin. Bentyl. Neoquess. Many other names

CAS Registry Number: 67-92-5

Physical Description: Cryst. (butanone)

Melting Point: Mp 164-166°

Solubility: Sol. H₂O

Other Data: Constit. of Debendox

Hazard & Toxicity: LD₅₀ (rat, orl) 1290 mg/kg

Sigma: D7909

References:

Tilford, C.H. *et al.*, *J.A.C.S.*, 1947, **69**, 2902, (*synth*)

McGrath, W.R. *et al.*, *J. Pharmacol. Exp. Ther.*, 1964, **146**, 354, (*pharmacol*)

Johns, A. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1976, **224**, 109, (*pharmacol*)

Chananont, P. *et al.*, *Acta Cryst. B*, 1981, **37**, 1878, (*cryst struct*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 5527, (*synonyms*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 423

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, ARR750