



>>Entry Name: Beclamide, BAN, INN

Synonym(s): 3-Chloro-*N*-(phenylmethyl)propanamide, 9Cl. *N*-Benzyl-3-chloropropionamide. Benzopropamid. Chloracon. Corintol. Diacalm. Hibicon. Nydrane. Neuracen. Posedrine. Many other names

CAS Registry Number: 501-68-8

ClCH2CH2CONHCH2Ph

Molecular Formula: C₁₀H₁₂ClNO

Molecular Weight: 197.664

Accurate Mass: 197.060741

Percentage Composition: C 60.76%; H 6.12%; Cl 17.94%; N 7.09%; O 8.09%

Use/Importance: Anxiolytic, anticonvulsant agent

Physical Description: Large cryst. (MeOH)

Melting Point: Mp 94°

Calculated Log P Data: Log P 1.29 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 3200 mg/kg. LD₅₀ (rat, ivn) 770 mg/kg

Rare Chemicals Library: S35828-2

References:

Kushner, S. *et al.*, *J.O.C.*, 1951, **16**, 1283, (*synth*)

Harned, B.K. *et al.*, *J. Pharmacol. Exp. Ther.*, 1953, **107**, 408, (*pharmacol*)

Nicholls, P.J. *et al.*, *Xenobiotica*, 1979, **9**, 129, (*metab*)

Darmani, N.A. *et al.*, *J. Pharm. Pharmacol.*, 1988, **40**, 891; 1991, **43**, 425, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 295

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., Akademie-Verlag, 1994, 1848, (*synonyms*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BEG000