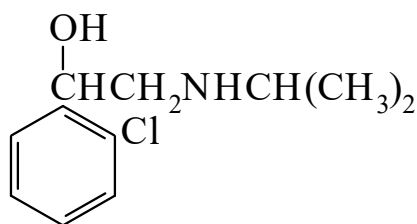




>>Entry Name: Clorprenaline, BAN, INN

Synonym(s): 2-Chloro- α -[[[(1-methylethyl)amino]methyl]benzenemethanol, 9Cl. *o*-Chloro- α -[(isopropylamino)methyl]benzyl alcohol, 8Cl. 1-(*o*-Chlorophenyl)-2-isopropylaminoethanol. Isoprophenamine. Many other names



CAS Registry Number: 3811-25-4

Related CAS Registry Numbers(s): 5588-22-7

Molecular Formula: C₁₁H₁₆ClNO

Molecular Weight: 213.706

Accurate Mass: 213.092041

Percentage Composition: C 61.82%; H 7.55%; Cl 16.59%; N 6.55%; O 7.49%

Use/Importance: β -Adrenoceptor agonist. Adrenergic drug. Bronchodilator

Calculated Log P Data: Log P 2.13 (calc)

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

Molecular Formula: C₁₁H₁₆ClNO

Molecular Weight: 213.706

Accurate Mass: 213.092041

Percentage Composition: C 61.82%; H 7.55%; Cl 16.59%; N 6.55%; O 7.49%

>>Derivative: Hydrochloride

Synonym(s): Clorprenaline hydrochloride, JAN, USAN. Clopinerin. Pentadoll. Vortel. Bronchon

CAS Registry Number: 6933-90-0

Physical Description: Cryst. + 1H₂O

Melting Point: Mp 163-164°

Hazard & Toxicity: LD₅₀ (mus, orl) 550 mg/kg

References:

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Johnston, R.E. *et al.*, *Am. J. Med. Sci.*, 1957, **238**, 303, (*pharmacol*)

U.S. Pat., 1959, 2 887 509; *CA*, **53**, 19982, (*synth*)

Igarashi, T. *et al.*, *Arzneim.-Forsch.*, 1970, **20**, 1738, (*pharmacol*)

Tatsumi, K. *et al.*, *Chem. Pharm. Bull.*, 1970, **18**, 1254, (*metab*)

Japan. Pat., 1986, 86 07 238; *CA*, **105**, 60405, (*resoln*)

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