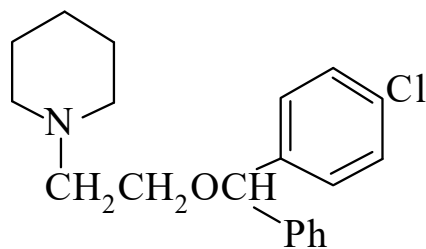




>>Entry Name: Cloperastine, INN

Synonym(s): 1-[2-[(4-Chlorophenyl)phenylmethoxy]ethyl]piperidine, 9Cl. [2-[(*p*-Chloro- α -phenylbenzyl)oxy]ethyl]piperidine. *p*-Chlorobenzhydryl 2-(1-piperidinyl)ethyl ether. Flutox. Novotossil. Risoltuss. HT-11



CAS Registry Number: 3703-76-2

Related CAS Registry Numbers(s): 22199-30-0 85187-37-7 132301-91-8

Molecular Formula: C₂₀H₂₄ClNO

Molecular Weight: 329.868

Accurate Mass: 329.154641

Percentage Composition: C 72.82%; H 7.33%; Cl 10.75%; N 4.25%; O 4.85%

Use/Importance: Antitussive, antihistamine

Calculated Log P Data: Log P 5.48 (calc)

>>Variant: (–)-form

CAS Registry Number: 132301-89-4

Molecular Formula: C₂₀H₂₄ClNO

Molecular Weight: 329.868

Accurate Mass: 329.154641

Percentage Composition: C 72.82%; H 7.33%; Cl 10.75%; N 4.25%; O 4.85%

Physical Description: Cryst. (EtOH)

Other Data: Pharmacol. active isomer

>>Variant: (±)-form

Molecular Formula: C₂₀H₂₄ClNO

Molecular Weight: 329.868

Accurate Mass: 329.154641

Percentage Composition: C 72.82%; H 7.33%; Cl 10.75%; N 4.25%; O 4.85%

Boiling Point: Bp_{0.06} 169-172°

>>Derivative: Hydrochloride

Synonym(s): Cloperastine hydrochloride, JAN. Hustazol. Nitossil. Seki. Sekin. Sekison

CAS Registry Number: 14984-68-0

Melting Point: Mp 142-143°

Hazard & Toxicity: LD₅₀ (rat, orl) 1986 mg/kg

Sigma: C2040

References:

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U.K. Pat., 1970, Yoshitomi, 1 179 945; *CA*, **72**, 132549g, (*synth*)

Canti, G. *et al.*, *Boll. Chim. Farm.*, 1983, **122**, 384, (*tox, pharmacol*)

Eur. Pat., 1990, *Magis Farmaceutici*, 385 491; *CA*, **114**, 101746a, (*resoln*)

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