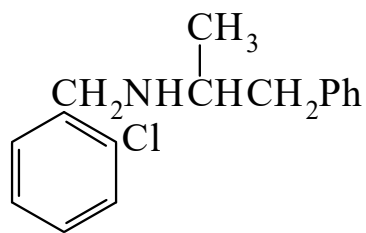




>>Entry Name: Clobenzorex, INN

Synonym(s): *N*-[(2-Chlorophenyl)methyl]- α -methylbenzeneethanamine, 9Cl. *N*-(*o*-Chlorobenzyl)- α -methylphenethylamine. Asenlix. Dinintel. Finedal. Rexigen. BA 7205. SD 271-12



Molecular Formula: C₁₆H₁₈ClN

Molecular Weight: 259.778

Accurate Mass: 259.112776

Percentage Composition: C 73.98%; H 6.98%; Cl 13.65%; N 5.39%

Use/Importance: Anorectic agent

Calculated Log P Data: Log P 4.48 (calc)

Other Data: Substance is banned by International Olympic Committee

>>Variant: (+)-form

CAS Registry Number: 13364-32-4

Molecular Formula: C₁₆H₁₈ClN

Molecular Weight: 259.778

Accurate Mass: 259.112776

Percentage Composition: C 73.98%; H 6.98%; Cl 13.65%; N 5.39%

Boiling Point: Bp_{0.1} 132-134°

>>Derivative: Hydrochloride

CAS Registry Number: 5843-53-8

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 182-183°

Optical Rotation: [α]_D²⁰ +26.3 (H₂O)

Hazard & Toxicity: LD₅₀ (rat, ipr) 103 mg/kg

References:

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Glasson, B. *et al.*, *Arzneim.-Forsch.*, 1971, **21**, 1985, (*pharmacol*)

Noggle, F.T. *et al.*, *J. Liq. Chromatogr.*, 1990, **13**, 763, (*hplc*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1223

Parodi, B. *et al.*, *Pharmazie*, 1993, **48**, 678, (*hplc*)