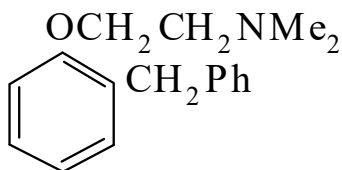




>>Entry Name: Phenyltoloxamine, BAN, INN

Synonym(s): *N,N*-Dimethyl-2-[2-(phenylmethyl)phenoxy]ethanamine, 9Cl. *N,N*-Dimethyl-2-[(α -phenyl-*o*-tolyl)oxy]ethylamine, 8Cl. 2-Benzylphenol 2-dimethylaminoethyl ether. Phentoloxamine. Antialer. Antin. Bristamin. Bistrimin. Dramal. Floxamine. Phenoxadrine. PRN. C 5581H



CAS Registry Number: 92-12-6

Molecular Formula: C₁₇H₂₁NO

Molecular Weight: 255.359

Accurate Mass: 255.162314

Percentage Composition: C 79.96%; H 8.29%; N 5.49%; O 6.27%

Use/Importance: Histamine H₁-receptor antagonist

Physical Description: Oil

Boiling Point: Bp_{0.1} 141-144°

>>Derivative: Hydrochloride

Melting Point: Mp 119-120°

>>Derivative: Citrate (1:1)

CAS Registry Number: 1176-08-5

Physical Description: Cryst. (MeOH or H₂O)

Melting Point: Mp 138-140°

Hazard & Toxicity: LD₅₀ (rat, orl) 840 mg/kg

Sigma: P8404

References:

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Hoekstra, J.B. *et al.*, *J. Am. Pharm. Assoc.*, 1953, **42**, 587, (*pharmacol*)

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Belg. Pat., 1966, 668 227; *CA*, **65**, 7119h, (*synth, pharmacol*)

Kuhnert-Brandstaetter, M. *et al.*, *Sci. Pharm.*, 1974, **42**, 150, (*uv*)

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