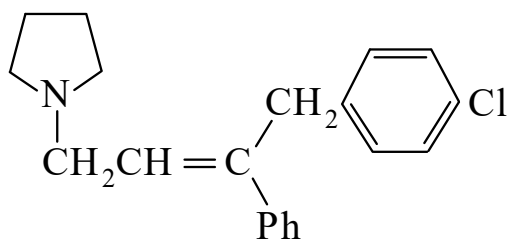




>>Entry Name: Pyrrobutamine, BAN

Synonym(s): 1-[4-(4-Chlorophenyl)-3-phenyl-2-butenyl]pyrrolidine, 9Cl. 1-[γ-(p-Chlorobenzyl)cinnamyl]pyrrolidine, 8Cl



CAS Registry Number: 91-82-7

Molecular Formula: C₂₀H₂₂ClN

Molecular Weight: 311.853

Accurate Mass: 311.144076

Percentage Composition: C 77.03%; H 7.11%; Cl 11.37%; N 4.49%

Use/Importance: Histamine H₁-receptor antagonist

Physical Description: Oily liquid cryst. on standing

Melting Point: Mp 48-49°

Boiling Point: Bp_{0.3} 190-195°

>>Derivative: Phosphate (1:2)

Synonym(s): Pyrrobutamine phosphate, USAN. Pyronil. Proladyl

CAS Registry Number: 135-31-9

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 129.5-130°

Solubility: Insol. CHCl₃, Et₂O

Hazard & Toxicity: LD₅₀ (mus, orl) 1116 mg/kg

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 227-228°

References:

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Ison, R.R. *et al.*, *J. Pharm. Pharmacol.*, 1971, **23**, 848; 1973, **25**, 887, (*pharmacol*)

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