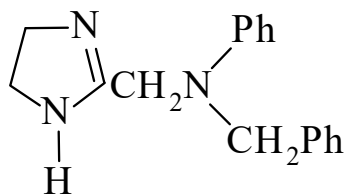




>>Entry Name: Antazoline, BAN, INN

Synonym(s): 4,5-Dihydro-*N*-phenyl-*N*-(phenylmethyl)-1*H*-imidazole-2-methanamine, 9Cl. 2-[(*N*-Benzylanilino)methyl]-2-imidazoline, 8Cl. Imidazolamine. Phenazoline. Many other names



CAS Registry Number: 91-75-8

Related CAS Registry Numbers(s): 24359-81-7

Molecular Formula: C₁₇H₁₉N₃

Molecular Weight: 265.357

Accurate Mass: 265.157897

Percentage Composition: C 76.95%; H 7.22%; N 15.84%

Use/Importance: Histamine H₁-receptor antagonist

Melting Point: Mp 121-122°

Calculated Log P Data: Log P 3.92 (uncertain value) (calc)

Hazard & Toxicity: Eye irritant. LD₅₀ (mus, orl) 398 mg/kg

Sigma: A9774

>>Derivative: Hydrochloride

Synonym(s): Antistin

CAS Registry Number: 2508-72-7

Melting Point: Mp 237-241°

Solubility: Insol. Et₂O, C₆H₆, CHCl₃

Other Data: Bitter tasting

Sigma: A9899

>>Derivative: Phosphate

Synonym(s): Antazoline phosphate, USAN

CAS Registry Number: 154-68-7

Melting Point: Mp 194-198°

Solubility: Insol. C₆H₆, Et₂O

Other Data: Bitter tasting. Component of Nasocon

Sigma: A3766

References:

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Kracmar, J. *et al.*, *Pharmazie*, 1976, **31**, 614, (*uv*)

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