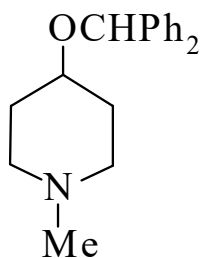




>>>Entry Name: Diphenylpyraline, BAN, INN

Synonym(s): 4-(Diphenylmethoxy)-1-methylpiperidine, 9CI, 8CI



CAS Registry Number: 147-20-6

Type of Compound Code(s): XA4510

Molecular Formula: C₁₉H₂₃NO

Molecular Weight: 281.397

Accurate Mass: 281.177964

Percentage Composition: C 81.10%; H 8.24%; N 4.98%; O 5.69%

Use/Importance: Histamine H₁-receptor antagonist

Hazard & Toxicity: Eye irritant. LD₅₀ (mus, orl) 250 mg/kg

>>>Derivative: Hydrochloride

Synonym(s): Diphenylpyraline hydrochloride, USAN. Histryl. Lergoban. Many other names

CAS Registry Number: 132-18-3

Physical Description: Off-white cryst. (2-propanol/Et₂O)

Melting Point: Mp 206°

Solubility: Sol. H₂O, EtOH; insol. C₆H₆, Et₂O

Hazard & Toxicity: LD₅₀ (rat, orl) 698 mg/kg

Aldrich: 28055-0

Rare Chemicals Library: S36870-9

Sigma: D3518

>>>Derivative: Hydrobromide

Melting Point: Mp 201-202°

>>>Derivative: 8-Chloro-3,7-dihydro-1,3-dimethyl-1*H*-purine-2,6-dione salt (1:1)

Synonym(s): Diphenylpyraline 8-chlorotheophyllinate. **Piprinhydrinate**, BAN, INN. Diphenylpyraline teoclate, JAN. Kolton. Nepedyl

CAS Registry Number: 606-90-6

Type of Compound Code(s): XA1500

Use/Importance: Antihistamine, antiemetic

Physical Description: Minute cryst.

Development Status: Not marketed

Melting Point: Mp 151°

Hazard & Toxicity: LD₅₀ (mus, orl) 275 mg/kg

References:

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