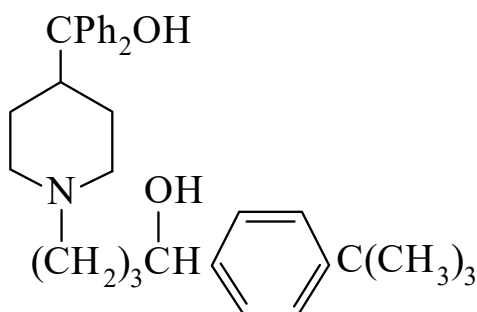




>>>**Entry Name:** Terfenadine, BAN, INN, USAN

Synonym(s): α -[4-(1,1-Dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)-1-piperidinebutanol, 9CI. Aldaban. Histafen. Seldane. Teldane. Terdina. Terfex. Terlane. Terpiridil. Triludan. RMI 9918. Many other names



CAS Registry Number: 50679-08-8

Molecular Formula: C₃₂H₄₁NO₂

Molecular Weight: 471.681

Accurate Mass: 471.313729

Percentage Composition: C 81.49%; H 8.76%; N 2.97%; O 6.78%

Biological Use/Importance: Histamine H₁-receptor antagonist. Antihistamine, bronchodilator

Sigma: T9652

>>>**Variant:** ($\pm$)-form

Molecular Formula: C₃₂H₄₁NO₂

Molecular Weight: 471.681

Accurate Mass: 471.313729

Percentage Composition: C 81.49%; H 8.76%; N 2.97%; O 6.78%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 146.5-148.5°

Calculated Log P Data: Log P 6.09 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 5000 mg/kg. Exp. reprod. effects

>>>**Derivative:** 1-Oxo

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Koch, H., *Pharm. Int.*, 1983, **4**, 252, (*rev*)
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Badwan, A.A. *et al.*, *Anal. Profiles Drug Subst.*, 1990, **19**, 627, (*rev*)
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