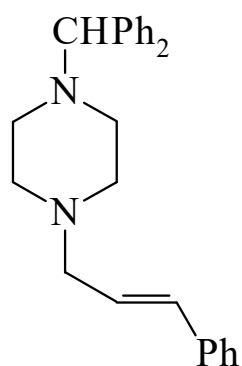




>>>Entry Name: Cinnarizine, BAN, INN, JAN, USAN

Synonym(s): 1-(Diphenylmethyl)-4-(3-phenyl-2-propenyl)piperazine, 9CI. 1-Cinnamyl-4-diphenylmethylpiperazine. Aplactan. Mitronal. Stugeron. Many other names



CAS Registry Number: 298-57-7

Related CAS Registry Numbers(s): 60763-49-7

Molecular Formula: C₂₆H₂₈N₂

Molecular Weight: 368.521

Accurate Mass: 368.225248

Percentage Composition: C 84.74%; H 7.66%; N 7.60%

Use/Importance: Histamine H₁-receptor antagonist. Cerebral blood flow improver used for treatment of apoplexy and arteriosclerosis

Solubility: V. spar. sol. H₂O

pKa Value: pK_a 7.47

Calculated Log P Data: Log P 6.14 (calc)

Hazard & Toxicity: Adverse effects incl. sedation and skin hypersensitivity. LD₅₀ (rat, orl) 1050 mg/kg. Exp. reprod. effects

Sigma: C5270

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 7002-58-6

Melting Point: Mp 192 dec.°

>>Derivative: 2-(4-Chlorophenoxy)-2-methylpropanoic acid salt (1:1)

Synonym(s): Cinnarizine clofibrate, INN. LM 16

CAS Registry Number: 64401-26-9

Use/Importance: Antihyperlipidaemic

Melting Point: Mp 110-111°

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