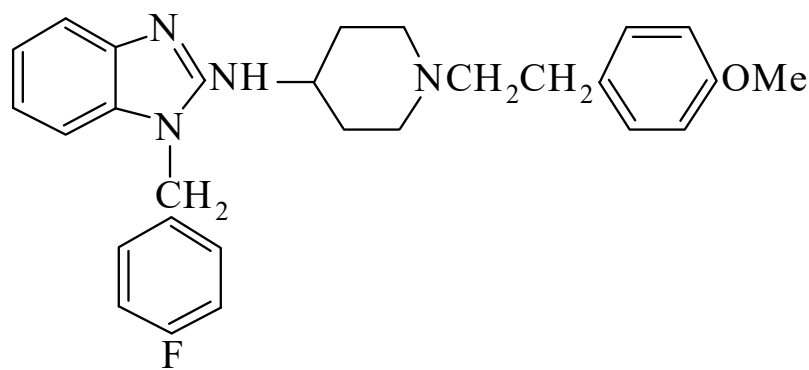




>>Entry Name: Astemizole, BAN, INN, USAN

Synonym(s): 1-[(4-Fluorophenyl)methyl]-N-[1-[2-(4-methoxyphenyl)ethyl]]-4-piperidiny-1H-benzimidazol-2-amine, 9Cl. Alermizol. Hismanal. Lembil. Mildurgen. Vagran. R 43512



CAS Registry Number: 68844-77-9

Molecular Formula: C₂₈H₃₁FN₄O

Molecular Weight: 458.577

Accurate Mass: 458.248189

Percentage Composition: C 73.34%; H 6.81%; F 4.14%; N 12.22%; O 3.49%

Use/Importance: Histamine H₁-receptor antagonist

Physical Description: Cryst.

Development Status: Launched 1983

Melting Point: Mp 149.1°

Calculated Log P Data: Log P 5.74 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 3560 mg/kg

Sigma: A6424

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