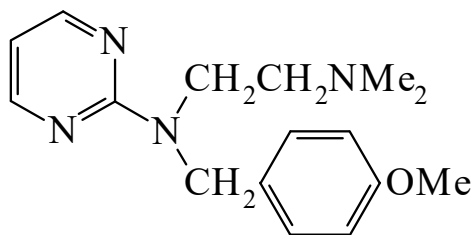




>>Entry Name: Thonzylamine, BAN, INN

Synonym(s): *N*-[(4-Methoxyphenyl)methyl]-*N*',*N*'-dimethyl-*N*-2-pyrimidinyl-1,2-ethanediamine, 9Cl. 2-[(2-Dimethylaminoethyl)-(*p*-methoxybenzyl)amino]pyrimidine, 8Cl



CAS Registry Number: 91-85-0

Molecular Formula: C₁₆H₂₂N₄O

Molecular Weight: 286.376

Accurate Mass: 286.179361

Percentage Composition: C 67.11%; H 7.74%; N 19.56%; O 5.59%

Use/Importance: Potent antihistamine

Development Status: Discontinued

Boiling Point: Bp₆ 202-204°. Bp_{2,2} 185-187°

Hazard & Toxicity: LD₅₀ (mus, orl) 245 mg/kg. Exp. reprod. effects

>>Derivative: Hydrochloride

Synonym(s): Thonzylamine hydrochloride, INN. Anohist. Neohetramine. Resistab. Many other names

CAS Registry Number: 63-56-9

Melting Point: Mp 173-176°

pKa Value: pK_{a1} 8.84; pK_{a2} 2.08 (25°)

Hazard & Toxicity: LD₅₀ (mus, orl) 245 mg/kg

Sigma: T2771

>>Derivative: Hydrobromide

Melting Point: Mp 159-160.5°

>>Derivative: Dipicrate

Physical Description: Yellow needles

Melting Point: Mp 141-145°

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