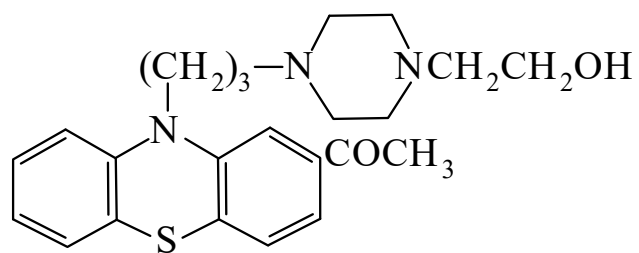




>>Entry Name: Acetophenazine, INN

Synonym(s): 1-[10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]-10*H*-phenothiazin-2-yl]ethanone, 9Cl. 10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]phenothiazin-2-yl methyl ketone, 8Cl



CAS Registry Number: 2751-68-0

Molecular Formula: C₂₃H₂₉N₃O₂S

Molecular Weight: 411.567

Accurate Mass: 411.198047

Percentage Composition: C 67.12%; H 7.10%; N 10.21%; O 7.77%; S 7.79%

Use/Importance: Tranquilliser, antipsychotic

Melting Point: Mp 167-168.5°

Calculated Log P Data: Log P 4.49 (calc)

>>Derivative: Maleate (1:2)

Synonym(s): Acetophenazine maleate, USAN. Phenthoxate. Tindal. NSC 70600. Sch 6673

CAS Registry Number: 5714-00-1

Melting Point: Mp 175-178°

Hazard & Toxicity: Eye irritant. LD₅₀ (rat, orl) 415 mg/kg

References:

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Gilbert, J.N.T. *et al.*, *Org. Mass Spectrom.*, 1969, **2**, 17, (*ms*)

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