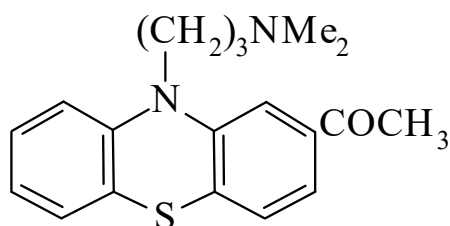




>>Entry Name: Acepromazine, BAN, INN

Synonym(s): 1-[10-[3-(Dimethylamino)propyl]-10*H*-phenothiazin-2-yl]ethanone, 9CI. 2-Acetyl-10-(3-dimethylaminopropyl)phenothiazine. Acetopromazine. Acetylpromazine



CAS Registry Number: 61-00-7

Molecular Formula: C₁₉H₂₂N₂OS

Molecular Weight: 326.462

Accurate Mass: 326.145283

Percentage Composition: C 69.90%; H 6.79%; N 8.58%; O 4.90%; S 9.82%

Use/Importance: Potent tranquilliser, sedative. Also possesses analgesic and antiinflammatory props.

Physical Description: Orange oil

Boiling Point: Bp_{0.5} 215-217°. Bp_{0.08} 208-210°

Calculated Log P Data: Log P 4.2 (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 140 mg/kg

Sigma: A6908

>>Derivative: Maleate

Synonym(s): Acepromazine maleate, USAN. Notensil. Berkace

CAS Registry Number: 3598-37-6

Melting Point: Mp 137°

Other Data: Constit. of Immobilon (see Etorphine [DKH06-L](#))

Hazard & Toxicity: LD₅₀ (rat, orl) 400 mg/kg

Sigma: A5556

>>Derivative: Oxime

CAS Registry Number: 20828-96-0

Molecular Formula: C₁₉H₂₃N₃OS

Molecular Weight: 341.476

Accurate Mass: 341.156182

Percentage Composition: C 66.83%; H 6.79%; N 12.31%; O 4.69%; S 9.39%

Use/Importance: Antiinflammatory agent

Melting Point: Mp 158-159°

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Henion, J.D., *Adv. Mass Spectrom.*, 1980, **8B**, 1241, (*hplc, ms*)
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