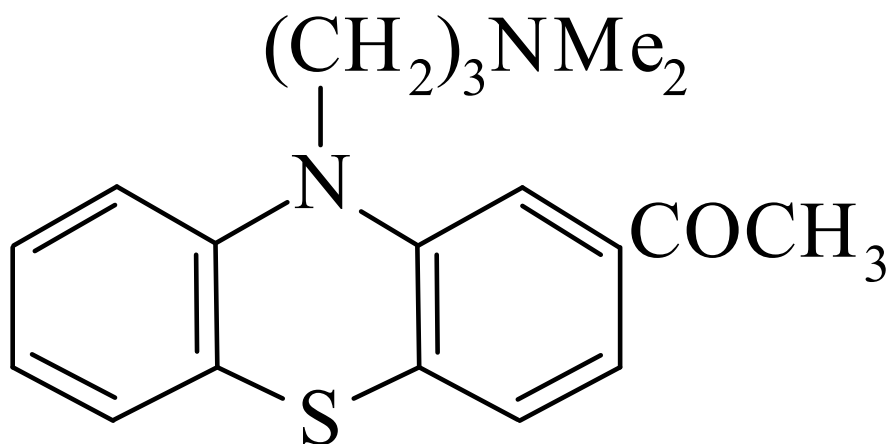




>>Entry Name: **Acepromazine**, BAN, INN

Synonym(s): 1-[10-[3-(Dimethylamino)propyl]-10*H*-phenothiazin-2-yl]ethanone, 9Cl. 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°

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

Sigma: A5556