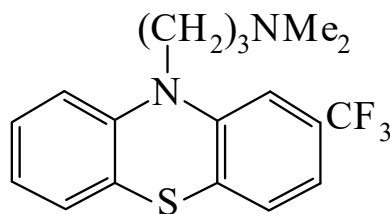




>>Entry Name: Triflupromazine, INN, USAN

Synonym(s): *N,N*-Dimethyl-2-(trifluoromethyl)-10*H*-phenothiazine-10-propanamine, 9Cl. 10-[3-(Dimethylamino)propyl]-2-(trifluoromethyl)phenothiazine, 8Cl. Fluopromazine, BAN. Trifluoropromazine. Many other names



CAS Registry Number: 146-54-3

Molecular Formula: C₁₈H₁₉F₃N₂S

Molecular Weight: 352.423

Accurate Mass: 352.122102

Percentage Composition: C 61.35%; H 5.43%; F 16.17%; N 7.95%; S 9.10%

Use/Importance: Tranquilliser. Neuroleptic. Antiemetic

Physical Description: Visc. oil

Boiling Point: Bp_{0.7} 176°

Calculated Log P Data: Log P 5.63 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 185 mg/kg. Exp. reprod. effects

Sigma: T2283

>>Derivative: Hydrochloride

Synonym(s): Triflupromazine hydrochloride, USAN. Vespral. Vesprin

CAS Registry Number: 1098-60-8

Use/Importance: Used as a 0.2% aq. soln. for photometric detn. of Au ($\lambda_{\max}$ 503 nm, ϵ 13000)

Physical Description: Cryst.

Melting Point: Mp 173-174°

Sigma: T2896

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