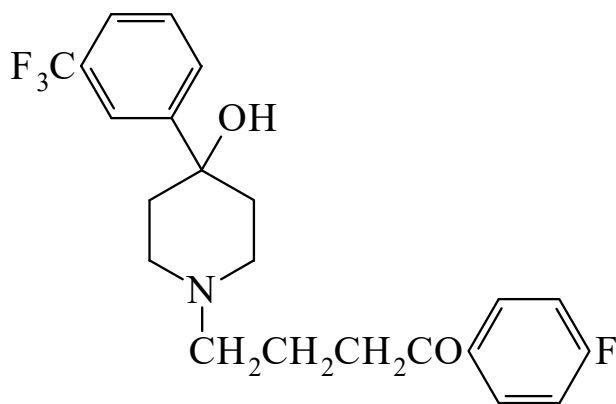




>>Entry Name: Trifluperidol, BAN, INN, USAN

Synonym(s): 1-(4-Fluorophenyl)-4-[4-hydroxy-4-(3-trifluoromethyl)phenyl]-1-piperidiny-1-butanone, 9Cl. 4'-Fluoro-4-[4-hydroxy-4-(α,α,α -trifluoro-*m*-tolyl)piperidino] butyrophenone, 8Cl. Triperidol. Flumoperone. Psychoperidol. Trisedil. Many other names



CAS Registry Number: 749-13-3

Molecular Formula: C₂₂H₂₃F₄NO₂

Molecular Weight: 409.423

Accurate Mass: 409.166491

Percentage Composition: C 64.54%; H 5.66%; F 18.56%; N 3.42%; O 7.82%

Use/Importance: Neuroleptic agent

Development Status: Discontinued

Calculated Log P Data: Log P 3.69 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 140 mg/kg. Exp. reprod. and teratogenic effects

>>Derivative: Hydrochloride

Synonym(s): Trifluperidol hydrochloride, JAN

CAS Registry Number: 2062-77-3

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 200.5-201.5°

Solubility: Sol. H₂O

Hazard & Toxicity: LD₅₀ (mus, orl) 99 mg/kg

References:

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