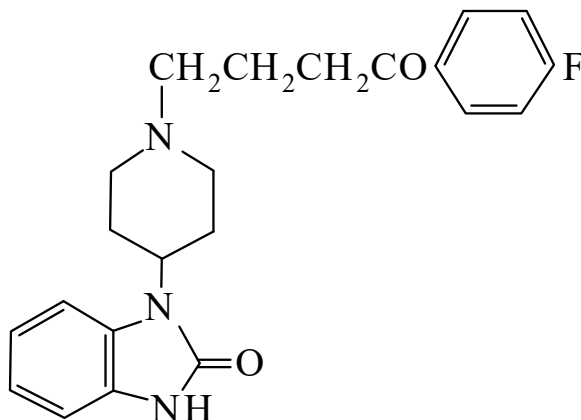




>>**Entry Name:** Benperidol, BAN, INN, USAN

Synonym(s): 1-[1-[4-(4-Fluorophenyl)-4-oxobutyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazol-2-one. Anquil. Benzoperidol. Benzperidol. Concilium. Frenactil. Frenactyl. Glianimon. Psicoben. 8089 CB. McN JR 4584. PB 806. R 4584



CAS Registry Number: 2062-84-2

Molecular Formula: C₂₂H₂₄FN₃O₂

Molecular Weight: 381.449

Accurate Mass: 381.185255

Percentage Composition: C 69.27%; H 6.34%; F 4.98%; N 11.02%; O 8.39%

Use/Importance: Tranquilliser, antipsychotic

Melting Point: Mp 170-172°

Calculated Log P Data: Log P 3.33 (calc)

Hazard & Toxicity: LD₅₀ (rat, scu) 220 mg/kg

>>**Derivative:** Hydrochloride

Physical Description: Cryst. + 1H₂O

Melting Point: Mp 134-142°

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Takla, P.G. *et al.*, *Anal. Profiles Drug Subst.*, 1985, **14**, 245, (*rev*)

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