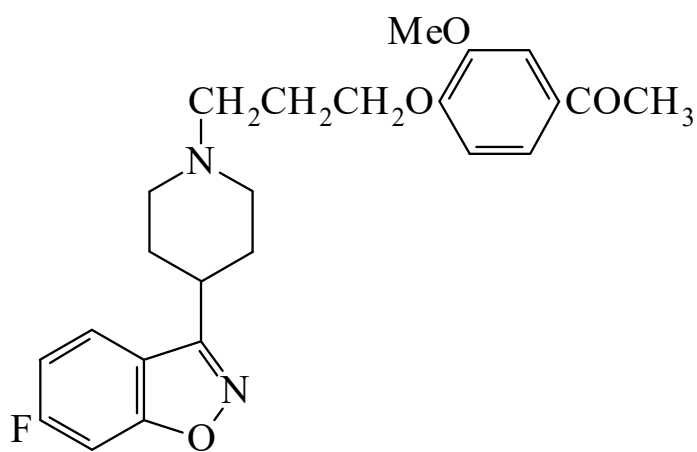




>>Entry Name: Iloperidone, INN, USAN

Synonym(s): 1-[4-[3-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]propoxy]-3-methoxyphenyl]ethanone, 9Cl. HP 873



CAS Registry Number: 133454-47-4

Related CAS Registry Numbers(s): 151718-81-9 151718-83-1

Molecular Formula: C₂₄H₂₇FN₂O₄

Molecular Weight: 426.487

Accurate Mass: 426.195486

Percentage Composition: C 67.59%; H 6.38%; F 4.45%; N 6.57%; O 15.01%

Use/Importance: Analgesic and antipsychotic agent

Physical Description: Beige solid (EtOH)

Melting Point: Mp 118-120°

Calculated Log P Data: Log P 3.3 (calc)

References:

Eur. Pat., 1990, *Hoechst-Roussel*, 402 644; *CA*, **114**, 185553w, (*synth, pharmacol*)

Corbett, R. *et al.*, *Pharmacol., Biochem. Behav.*, 1993, **45**, 9, (*pharmacol*)

Strupczewski, J.T. *et al.*, *J. Med. Chem.*, 1995, **38**, 1119, (*synth, pharmacol*)

Hesselink, J.M.K. *et al.*, *IDrugs*, 1999, **2**, 584-590