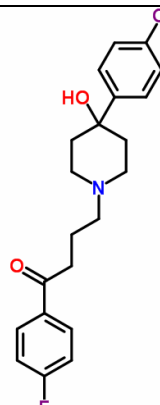


Name	HALOPERIDOL
Structure	
Systematic name	4-[4-(4-chlorophenyl)-4-hydroxypiperidin-1-yl]-1-(4-fluorophenyl)butan-1-one
Formula	C ₂₁ H ₂₃ ClFNO ₂
MW	375.864
Monoisotopic mass	375.140134897
Mp	152°C
H bond acceptors	3
H bond donors	1
Acid pKa	--
Basic pKa	8.05
ACD Log D pH 5.5	1.23
ACD Log D pH 7.4	2.93
Solubility	chloroform, methanol, acetone, and dilute acids
LD50	850 mg/Kg rat p.o.
Therapeutic cat	Antipsychotic
ATC	N05AD01 N NERVOUS SYSTEM N05 PSYCHOLEPTICS N05A ANTIPSYCHOTICS N05AD Butyrophenone derivatives
Receptors	D2, 5-HT ₂ (antagonist)

Nomi commerciali (IT)	
ALOPERIDOLO, HALDOL, SERENASE	A, RR, iniettabile, compresse, gocce