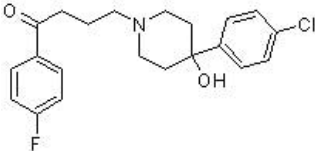


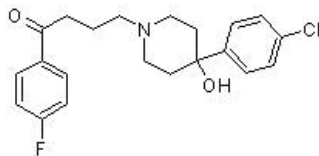
Product datasheet

Haloperidol, D2 antagonist ab120080

[1 References](#) [1 Image](#)

Overview

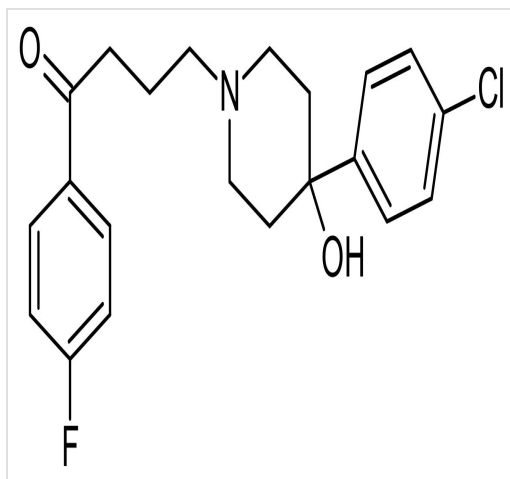
Product name	Haloperidol, D2 antagonist
Description	D ₂ antagonist
Biological description	Dopamine antagonist with selectivity for D ₂ -like receptors (K _i values are 1.2 (D ₂), 7 (D ₃), 2.3 (D ₄), 80 (D ₁) and 100 nM (D ₅)). Also NMDA antagonist.
CAS Number	52-86-8
Chemical structure	



Properties

Chemical name	4-[4-(4-Chlorophenyl)-4-hydroxypiperidin-1-yl]-1-(4-fluorophenyl)butan-1-one
Molecular weight	375.87
Molecular formula	C ₂₁ H ₂₃ ClFNO ₂
PubChem identifier	3559
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 mM and in ethanol to 5 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	Fc1ccc(cc1)C(=O)CCCN2CCC(O)(CC2)c3ccc(Cl)cc3
Source	Synthetic

Images



2D chemical structure image of ab120080, Haloperidol, D₂ antagonist

Chemical Structure - Haloperidol, D₂ antagonist
(ab120080)

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