

Haloperidol

Catalog No: tcsc1971



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

52-86-8

Formula:

$C_{21}H_{23}ClFNO_2$

Pathway:

GPCR/G Protein; Neuronal Signaling

Target:

Dopamine Receptor; Dopamine Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 31 mg/mL (82.48 mM)

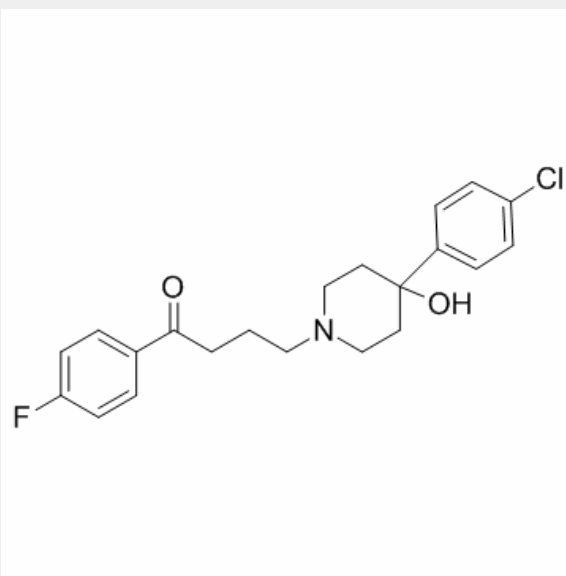
Observed Molecular Weight:

375.86

Product Description

Haloperidol is a potent **dopamine D2 receptor** antagonist, widely used as an antipsychotic.

In Vivo: Haloperidol (1 mg) intra-arterially attenuates the dopamine-induced pancreatic secretion. Haloperidol (3 mg) completely inhibits the action of 10 μ g of dopamine in the pancreas of the dogs^[1]. Haloperidol (10 mg/kg) as well as chlorpromazine (CPZ, 15 mg/kg) blocks mescaline-induced altered behavior within 7 to 10 minutes when injected into the mice 45 minutes after 50 mg/kg (2 μ c) of mescaline. Haloperidol has no effect on mescaline disappearance^[2].



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