

Haloperidol (hydrochloride)

Catalog No: tcsc1972



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

1511-16-6

Formula:

$C_{21}H_{24}Cl_2FNO_2$

Pathway:

GPCR/G Protein; Neuronal Signaling

Target:

Dopamine Receptor; Dopamine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

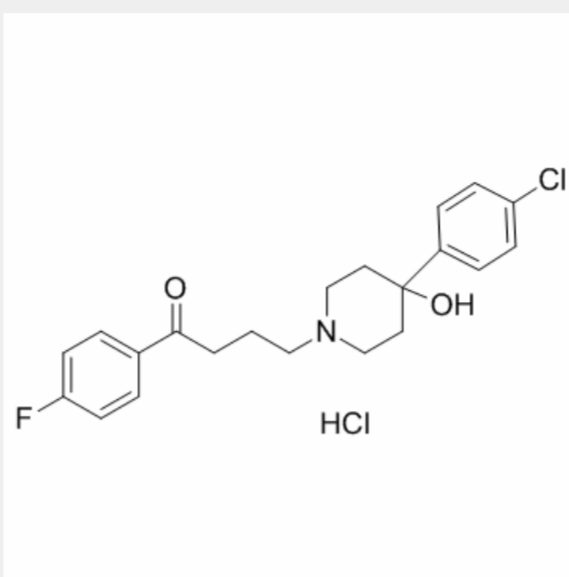
Observed Molecular Weight:

412.33

Product Description

Haloperidol hydrochloride 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 µg 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 µc) of mescaline. Haloperidol has no effect on mescaline disappearance^[2].



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