Web: www.taiclone.com
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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 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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