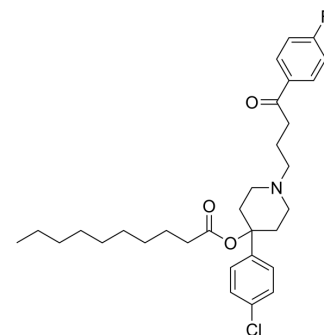


## Haloperidol decanoate

<b>Cat. No.:</b>	HY-107969		
<b>CAS No.:</b>	74050-97-8		
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>41</sub> ClFNO <sub>3</sub>		
<b>Molecular Weight:</b>	530.11		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (188.64 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8864 mL	9.4320 mL	18.8640 mL
5 mM	0.3773 mL	1.8864 mL	3.7728 mL
10 mM	0.1886 mL	0.9432 mL	1.8864 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (4.72 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Haloperidol decanoate shows antipsychotic activity. Haloperidol decanoate can be used in schizophrenia and schizoaffective disorder research<sup>[1]</sup>.

### REFERENCES

- [1]. R Beresford, et al. Haloperidol decanoate. A preliminary review of its pharmacodynamic and pharmacokinetic properties and therapeutic use in psychosis. *Drugs*. 1987 Jan;33(1):31-49.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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