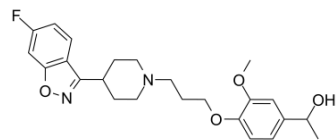


## Iloperidone metabolite Hydroxy Iloperidone

<b>Cat. No.:</b>	HY-G0003		
<b>CAS No.:</b>	133454-55-4		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>29</sub> FN <sub>2</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	428.5		
<b>Target:</b>	Drug Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (58.34 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3337 mL	11.6686 mL	23.3372 mL
	5 mM	0.4667 mL	2.3337 mL	4.6674 mL
	10 mM	0.2334 mL	1.1669 mL	2.3337 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (5.83 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (5.83 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Iloperidone metabolite Hydroxy Iloperidone (P88; Hydroxy Iloperidone) is a metabolite of Iloperidone, which is an atypical antipsychotic.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA