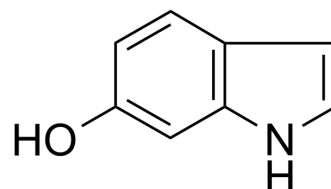


6-Hydroxyindole

Cat. No.:	HY-W002438		
CAS No.:	2380-86-1		
Molecular Formula:	C ₈ H ₇ NO		
Molecular Weight:	133.15		
Target:	Biochemical Assay Reagents; Endogenous Metabolite		
Pathway:	Others; Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (751.03 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.5103 mL	37.5516 mL	75.1033 mL
	5 mM	1.5021 mL	7.5103 mL	15.0207 mL
	10 mM	0.7510 mL	3.7552 mL	7.5103 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 (18.78 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (18.78 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (18.78 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

6-Hydroxyindole is a biochemical reagent. 6-hydroxyindole is an endogenous long-lasting OATP1B1 inhibitor, and is elevated plasma of the renal failure patients^[1].

REFERENCES

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

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