6-Fluoroindole

Cat. No.: HY-W002271

CAS No.: 399-51-9

Molecular Formula: C_8H_6FN

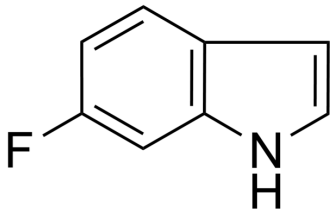
Molecular Weight: 135.14

Target: Biochemical Assay Reagents

Pathway: Others

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 (739.97 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	7.3997 mL	36.9987 mL	73.9973 mL
5 mM	1.4799 mL	7.3997 mL	14.7995 mL
10 mM	0.7400 mL	3.6999 mL	7.3997 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (18.50 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (18.50 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

6-Fluoroindole is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

6-Fluoroindole acts as a reagent in the synthesis of tryptophan dioxygenase inhibitors pyridyl-ethylene-indoles, which acts as a potential anticancer immunomodulator. It is also employed as an antifungal and antibacterial agent. Further, it serves as a potent selective serotonin reuptake inhibitor . In addition to this, it is used as an inhibitor of HIV-1 attachment.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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