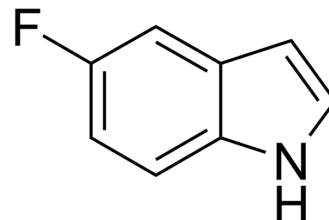


5-Fluoroindole

| | | | |
|--------------------|----------------------------------|-------|---------|
| Cat. No.: | HY-40156 | | |
| CAS No.: | 399-52-0 | | |
| Molecular Formula: | C ₈ H ₆ FN | | |
| Molecular Weight: | 135.14 | | |
| Target: | Biochemical Assay Reagents | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 2 years |
| | | -20°C | 1 year |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (739.97 mM; Need ultrasonic)

| Concentration | Solvent | Mass | 1 mg | 5 mg | 10 mg |
|---------------|-----------|-----------|------------|-----------|------------|
| | | | 1 mM | 7.3997 mL | 36.9987 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

- 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
- 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
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (18.50 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

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

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

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