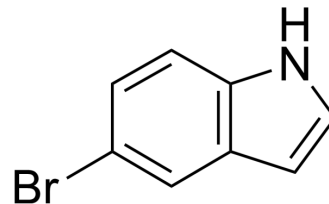


5-Bromoindole

Cat. No.:	HY-30236
CAS No.:	10075-50-0
Molecular Formula:	C ₈ H ₆ BrN
Molecular Weight:	196.04
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (510.10 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	5.1010 mL	25.5050 mL	51.0100 mL
			5 mM	1.0202 mL	5.1010 mL	10.2020 mL
			10 mM	0.5101 mL	2.5505 mL	5.1010 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 (12.75 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.75 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.75 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	5-Bromoindole is a chemical intermediate that can be used for the synthesis of GSK-3 inhibitors and anti-cancer agents ^{[1][2]} .
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REFERENCES

[1]. Gunosewoyo H, et al. Characterization of maleimide-based glycogen synthase kinase-3 (GSK-3) inhibitors as stimulators of steroidogenesis. J Med Chem. 2013 Jun 27;56(12):5115-29.

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

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