# Data Sheet (Cat.No.T4799)



#### Indole

## **Chemical Properties**

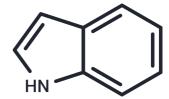
CAS No.: 120-72-9

Formula: C8H7N

Molecular Weight: 117.15

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

Description	Indole has a bicyclic structure, consisting of a six-membered benzene ring fused to a five-membered nitrogen-containing pyrrole ring. It can be produced by bacteria as a degradation product of the amino acid tryptophan. It occurs naturally in human feces and has an intense fecal smell. At very low concentrations, however, it has a flowery smell, and is a constituent of many flower scents (such as orange blossoms) and perfumes.
Targets(IC50)	Others,Endogenous Metabolite

## **Solubility Information**

Solubility DMSO: 60 mg/mL (512.16 mM)

Ethanol: 100 mg/mL, H2O: 2.8 mg/mL,

(< 1 mg/ml refers to the product slightly soluble or insoluble)

### **Preparing Stock Solutions**

	1mg	5mg	10mg	
1 :	mM 8.5361 n	nL 42.6803 mL	85.3606 mL	
5 ו	mM 1.7072 n	nL 8.5361 mL	17.0721 mL	
10	mM 0.8536 n	nL 4.268 mL	8.5361 mL	
50	mM 0.1707 n	nL 0.8536 mL	1.7072 mL	

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

#### Reference

Raw I, et al. Catecholamines and congenital pain insensitivity. Braz J Med Biol Res. 1984;17(3-4):271-9.

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