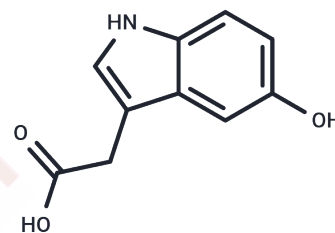


## 5-HYDROXYINDOLE-3-ACETIC ACID

## Chemical Properties

CAS No. :	54-16-0
Formula:	C <sub>10</sub> H <sub>9</sub> NO <sub>3</sub>
Molecular Weight:	191.18
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	5-Hydroxyindole-3-acetic acid (5-HIAA) is a breakdown product of serotonin that is excreted in the urine. Serotonin and 5HIAA are produced in excess amounts by carcinoid tumors, and levels of these substances may be measured in the urine to test for carcinoid tumors (NCI).
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 50 mg/mL (261.53 mM), Sonication is recommended. Ethanol: 50 mg/mL (261.53 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2307 mL	26.1534 mL	52.3067 mL
5 mM	1.0461 mL	5.2307 mL	10.4613 mL
10 mM	0.5231 mL	2.6153 mL	5.2307 mL
50 mM	0.1046 mL	0.5231 mL	1.0461 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

Corcuff JB, et al. Urinary sampling for 5HIAA and metanephrines determination: revisiting the recommendations. Endocr Connect. 2017 Aug;6(6):R87-R98.

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