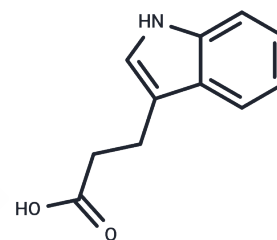


## 3-Indolepropionic acid

## Chemical Properties

CAS No. :	830-96-6
Formula:	C <sub>11</sub> H <sub>11</sub> NO <sub>2</sub>
Molecular Weight:	189.21
Appearance:	Solid
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	3-Indolepropionic acid (Indolepropionic acid) is shown to be a powerful antioxidant with potential in the treatment for Alzheimer's disease.
Targets(IC50)	Antioxidant,Reactive Oxygen Species,Endogenous Metabolite,ROS

## Solubility Information

Solubility	DMSO: 100 mg/mL (528.51 mM),Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble) Ethanol: 50 mg/mL (264.26 mM),Sonication is recommended. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (21.14 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2851 mL	26.4257 mL	52.8513 mL
5 mM	1.057 mL	5.2851 mL	10.5703 mL
10 mM	0.5285 mL	2.6426 mL	5.2851 mL
50 mM	0.1057 mL	0.5285 mL	1.057 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

Wikoff WR, et al. Metabolomics analysis reveals large effects of gut microflora on mammalian blood metabolites. Proc Natl Acad Sci U S A. 2009 Mar 10;106(10):3698-703.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286    E\_mail:info@targetmol.com    Address:34 Washington Street,Wellesley Hills,MA 02481