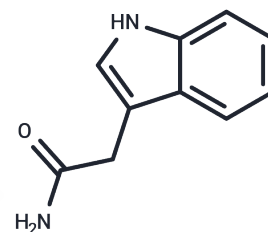


## Indole-3-acetamide

## Chemical Properties

CAS No. :	879-37-8
Formula:	C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O
Molecular Weight:	174.2
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Indole-3-acetamide is a biosynthetic intermediate of indole-3-acetic acid. Indole-3-acetamide is a biosynthetic intermediate of indole-3-acetic acid, which is the most common natural plant growth hormone in the phytohormone class.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 60 mg/mL (344.43 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL (14.35 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7405 mL	28.7026 mL	57.4053 mL
5 mM	1.1481 mL	5.7405 mL	11.4811 mL
10 mM	0.5741 mL	2.8703 mL	5.7405 mL
50 mM	0.1148 mL	0.5741 mL	1.1481 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yannai S . Dictionary of Food Compounds Additives, Flavors, and Ingredients[J]. 2004.

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