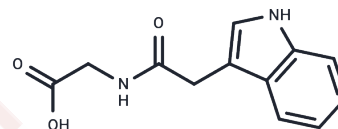


## Indole-3-acetylglycine

## Chemical Properties

CAS No. :	13113-08-1
Formula:	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	232.24
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Indole-3-acetylglycine is an endogenous metabolite of tryptophan. It serves as a urinary biomarker for assessing gut microbiota activity and metabolic clinical conditions.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 40.00 mg/mL (172.24 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	4.3059 mL	21.5295 mL	43.0589 mL
5 mM	0.8612 mL	4.3059 mL	8.6118 mL
10 mM	0.4306 mL	2.1529 mL	4.3059 mL
50 mM	0.0861 mL	0.4306 mL	0.8612 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

Wholey WY, et al. Synthetic Liposomal Mimics of Biological Viruses for the Study of Immune Responses to Infection and Vaccination. *Bioconjug Chem.* 2020 Mar 18;31(3):685-697.

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