



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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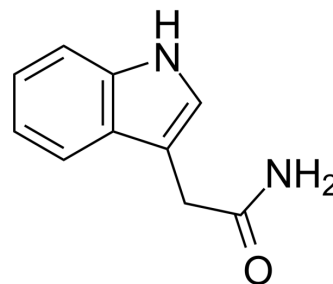
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Indole-3-acetamide

Cat. No.:	HY-W016784		
CAS No.:	879-37-8		
Molecular Formula:	C ₁₀ H ₁₀ N ₂ O		
Molecular Weight:	174.2		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (574.05 mM; Need ultrasonic)
 H₂O : 1.3 mg/mL (7.46 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (14.35 mM); Clear solution
- Add each solvent one by one: PBS
 Solubility: 2.5 mg/mL (14.35 mM); Clear solution; Need ultrasonic and warming and heat to 60°C

BIOLOGICAL ACTIVITY

Description

Indole-3-acetamide is a biosynthesis intermediate of indole-3-acetic acid (HY-18569). Indole-3-acetic acid is the most common natural plant growth hormone of the auxin class^[1].

IC₅₀ & Target

Human Endogenous Metabolite

CUSTOMER VALIDATION

-
- Theranostics. 2021; 11(18):8797-8812.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Thomas Lehmann, et al. Indole-3-acetamide-dependent auxin biosynthesis: a widely distributed way of indole-3-acetic acid production? Eur J Cell Biol. 2010 Dec;89(12):895-905.

Caution: Product has not been fully validated for medical applications. For research use only.

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