



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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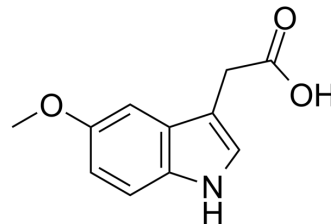
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## 5-Methoxyindole-3-acetic acid

<b>Cat. No.:</b>	HY-W007566		
<b>CAS No.:</b>	3471-31-6		
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>11</sub> NO <sub>3</sub>		
<b>Molecular Weight:</b>	205.21		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (487.31 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	4.8731 mL	24.3653 mL	48.7306 mL
		5 mM	0.9746 mL	4.8731 mL	9.7461 mL
10 mM		0.4873 mL	2.4365 mL	4.8731 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.18 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.18 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	5-Methoxyindole-3-acetic acid is a metabolite of Melatonin <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite

### REFERENCES

[1]. KVEDER S, et al. The metabolism of melatonin (N-acetyl-5-methoxytryptamine) and 5-methoxytryptamine. J Biol Chem. 1961 Dec;236:3214-20.

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

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