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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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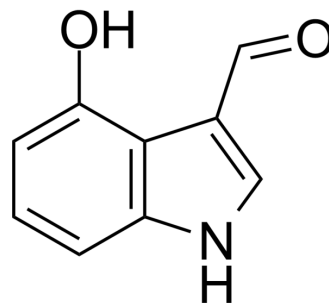
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4-Hydroxy-1H-indole-3-carbaldehyde

Cat. No.:	HY-W091541
CAS No.:	81779-27-3
Molecular Formula:	C ₉ H ₇ NO ₂
Molecular Weight:	161.16
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 9.09 mg/mL (56.40 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.2050 mL	31.0251 mL	62.0501 mL
		5 mM	1.2410 mL	6.2050 mL	12.4100 mL
10 mM		0.6205 mL	3.1025 mL	6.2050 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.91 mg/mL (5.65 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.91 mg/mL (5.65 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	4-Hydroxy-1H-indole-3-carbaldehyde is a plant metabolite found in <i>Capparis spinosa</i> L.. 4-Hydroxy-1H-indole-3-carbaldehyde can be used in the synthesis of fluorescent probe ^{[1][2]} .
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REFERENCES

- [1]. Haifeng Zhou, et al. Anti-inflammatory effects of caper (*Capparis spinosa* L.) fruit aqueous extract and the isolation of main phytochemicals. *J Agric Food Chem.* 2010 Dec 22;58(24):12717-21.
- [2]. Weishan Wang, et al. A single fluorescent probe for imaging ribonucleic acid and sulfur dioxide in living systems and its unique application in tumor and normal cells. *J*

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

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