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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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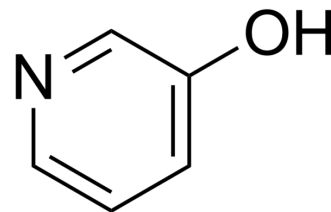
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3-Hydroxypyridine

Cat. No.:	HY-Y1129		
CAS No.:	109-00-2		
Molecular Formula:	C ₅ H ₅ NO		
Molecular Weight:	95.1		
Target:	Photosensitizer		
Pathway:	Apoptosis		
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 : 110 mg/mL (1156.67 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	10.5151 mL	52.5757 mL	105.1514 mL
		5 mM	2.1030 mL	10.5151 mL	21.0303 mL
10 mM		1.0515 mL	5.2576 mL	10.5151 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 4.23 mg/mL (44.48 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.75 mg/mL (28.92 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.75 mg/mL (28.92 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	3-Hydroxypyridine is isolated from Bamboo grass. 3-Hydroxypyridine derivatives are structural analogues of vitamin B6 and have a wide range of pharmacological properties, such as antioxidant properties ^{[1][2]} .
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REFERENCES

[1]. Atsushi Endo, et al. Bamboo grass extract and use of the same extract. JP2006298766A

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

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