



# 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

### SZABO-SCANDIC HandelsgmbH

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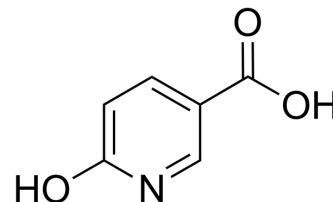
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## 6-Hydroxynicotinic acid

<b>Cat. No.:</b>	HY-W001996		
<b>CAS No.:</b>	5006-66-6		
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>5</sub> NO <sub>3</sub>		
<b>Molecular Weight:</b>	139.11		
<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

#### In Vitro

DMSO : 33.33 mg/mL (239.59 mM; Need ultrasonic)  
 H<sub>2</sub>O : 2 mg/mL (14.38 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.1886 mL	35.9428 mL	71.8856 mL
	5 mM	1.4377 mL	7.1886 mL	14.3771 mL
	10 mM	0.7189 mL	3.5943 mL	7.1886 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 1.43 mg/mL (10.28 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 1.43 mg/mL (10.28 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 1.43 mg/mL (10.28 mM); Clear solution
- Add each solvent one by one: PBS  
Solubility: 1 mg/mL (7.19 mM); Clear solution; Need ultrasonic and warming and heat to 60°C

### BIOLOGICAL ACTIVITY

#### Description

6-Hydroxynicotinic acid is an endogenous metabolite.

#### IC<sub>50</sub> & Target

Microbial Metabolite

Human Endogenous Metabolite

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

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