



# 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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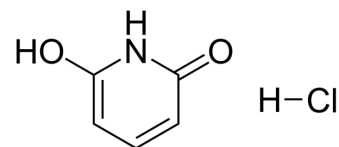
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## 6-Hydroxypyridin-2(1H)-one hydrochloride

<b>Cat. No.:</b>	HY-W036553
<b>CAS No.:</b>	10357-84-3
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>6</sub> ClNO <sub>2</sub>
<b>Molecular Weight:</b>	147.56
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (677.69 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	6.7769 mL	33.8845 mL	67.7690 mL
5 mM	1.3554 mL	6.7769 mL	13.5538 mL
10 mM	0.6777 mL	3.3885 mL	6.7769 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (16.94 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.08 mg/mL (14.10 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (14.10 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

6-Hydroxypyridin-2(1H)-one hydrochloride is an endogenous metabolite.

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

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