



# 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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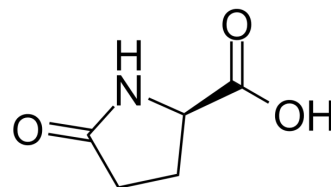
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## (R)-5-Oxopyrrolidine-2-carboxylic acid

<b>Cat. No.:</b>	HY-W002304		
<b>CAS No.:</b>	4042-36-8		
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>7</sub> NO <sub>3</sub>		
<b>Molecular Weight:</b>	129.11		
<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 : 100 mg/mL (774.53 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Mass		1 mg	5 mg	10 mg
	Concentration				
1 mM			7.7453 mL	38.7267 mL	77.4533 mL
5 mM			1.5491 mL	7.7453 mL	15.4907 mL
10 mM			0.7745 mL	3.8727 mL	7.7453 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: ≥ 2.5 mg/mL (19.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (19.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (19.36 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

(R)-5-Oxopyrrolidine-2-carboxylic acid is an endogenous metabolite.

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

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