



# 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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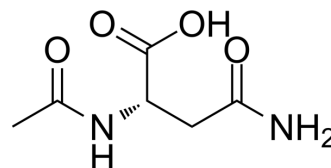
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## (S)-2-acetamido-4-amino-4-oxobutanoic acid

<b>Cat. No.:</b>	HY-W016798		
<b>CAS No.:</b>	4033-40-3		
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	174.15		
<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 (574.22 mM; Need ultrasonic)  
 H<sub>2</sub>O : 100 mg/mL (574.22 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.7422 mL	28.7109 mL	57.4218 mL
	5 mM	1.1484 mL	5.7422 mL	11.4844 mL
	10 mM	0.5742 mL	2.8711 mL	5.7422 mL

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

#### In Vivo

- Add each solvent one by one: PBS  
Solubility: 50 mg/mL (287.11 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (14.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (14.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (14.36 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

(S)-2-acetamido-4-amino-4-oxobutanoic acid is an endogenous metabolite.

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

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