



# 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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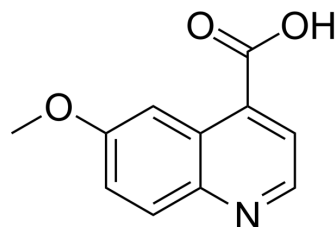
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## Quinic acid

<b>Cat. No.:</b>	HY-N7354		
<b>CAS No.:</b>	86-68-0		
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>9</sub> NO <sub>3</sub>		
<b>Molecular Weight:</b>	203.19		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 16.67 mg/mL (82.04 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	4.9215 mL	24.6075 mL	49.2150 mL
		5 mM	0.9843 mL	4.9215 mL	9.8430 mL
10 mM		0.4922 mL	2.4608 mL	4.9215 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.67 mg/mL (8.22 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.67 mg/mL (8.22 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Quinic acid, purified from Eucalyptus globulus, cinchona bark, and other plant products, is the most abundant organic acid <sup>[1]</sup> .
<b>In Vitro</b>	Quinic acid is the most abundant organic acid, representing up to 86.3% (average value) of all organic acids. Quinic acid acts as an astringent and starting material for the synthesis of new pharmaceuticals <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

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

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