



# 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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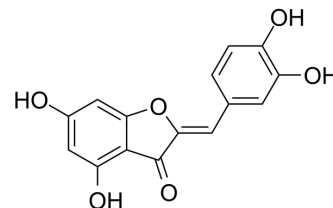
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## Aureusidin

<b>Cat. No.:</b>	HY-N9834
<b>CAS No.:</b>	38216-54-5
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>10</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	286.24
<b>Target:</b>	Lipoxygenase; Reactive Oxygen Species
<b>Pathway:</b>	Metabolic Enzyme/Protease; Immunology/Inflammation; NF-κB
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 62.5 mg/mL (218.35 mM); ultrasonic and warming and heat to 60°C				
		<b>Solvent</b>	<b>Mass</b>		
	<b>Preparing Stock Solutions</b>	<b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	3.4936 mL	17.4679 mL	34.9357 mL
		<b>5 mM</b>	0.6987 mL	3.4936 mL	6.9871 mL
<b>10 mM</b>		0.3494 mL	1.7468 mL	3.4936 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: ≥ 2.08 mg/mL (7.27 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (7.27 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Aureusidin is an aurone with high antioxidant and lipoxygenase inhibitory activity. Aureusidin also shows anti-inflammatory effects <sup>[1]</sup> .
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### REFERENCES

[1]. Arraki K, et al. Mammalian Arginase Inhibitory Activity of Methanolic Extracts and Isolated Compounds from Cyperus Species. *Molecules*. 2021 Mar 18;26(6):1694.

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

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