



# 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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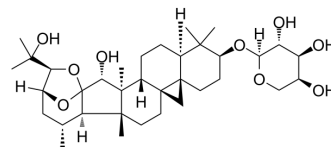
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## Cimiracemoside C

Cat. No.:	HY-N6971
CAS No.:	256925-92-5
Molecular Formula:	C <sub>35</sub> H <sub>56</sub> O <sub>9</sub>
Molecular Weight:	620.81
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 5 mg/mL (8.05 mM; ultrasonic and warming and heat to 60°C)					
	H <sub>2</sub> O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	1.6108 mL	8.0540 mL	16.1080 mL
			5 mM	0.3222 mL	1.6108 mL	3.2216 mL
10 mM			---	---	---	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.5 mg/mL (0.81 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.5 mg/mL (0.81 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Cimiracemoside C is an active component of <i>Cimicifuga racemosa</i> , activates AMPK, has the potential activity against diabetes <sup>[1]</sup> .
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### REFERENCES

[1]. Moser C, et al. Antidiabetic effects of the *Cimicifuga racemosa* extract Ze 450 in vitro and in vivo in ob/ob mice. *Phytomedicine*. 2014 Sep 25;21(11):1382-9.

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

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