



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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Zellkultur & Verbrauchsmaterial



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Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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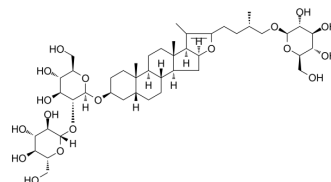
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## Timosaponin C

<b>Cat. No.:</b>	HY-N7006
<b>CAS No.:</b>	185432-00-2
<b>Molecular Formula:</b>	C <sub>45</sub> H <sub>74</sub> O <sub>18</sub>
<b>Molecular Weight:</b>	903.06
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (110.73 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.1073 mL	5.5367 mL	11.0735 mL
		5 mM	0.2215 mL	1.1073 mL	2.2147 mL
		10 mM	0.1107 mL	0.5537 mL	1.1073 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (2.77 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.77 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (2.77 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Timosaponin C is isolated from <i>Rhizoma Anemarrhenae</i> <sup>[1]</sup> . Timosaponin C shows weaker NO inhibition in N9 microglial cells [2].
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### REFERENCES

[1]. Yanqing Zhang, et al. Identification and Simultaneous Determination of Mangiferin, Neomangiferin, Timosaponin A-III, and Timosaponin C in *Rhizoma Anemarrhenae* by Rapid Resolution Liquid Chromatography Coupled with Triple Quadrupole Mass Spectrometry. *Jour*

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

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