



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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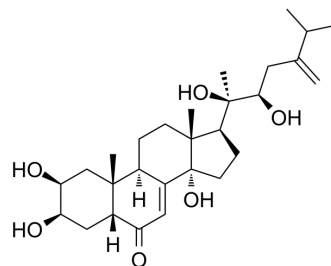
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## Polyporusterone B

<b>Cat. No.:</b>	HY-N7693
<b>CAS No.:</b>	141360-89-6
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>44</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	476.65
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<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 : 50 mg/mL (104.90 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	2.0980 mL	10.4899 mL	20.9798 mL
		5 mM	0.4196 mL	2.0980 mL	4.1960 mL
		10 mM	0.2098 mL	1.0490 mL	2.0980 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: ≥ 2.5 mg/mL (5.24 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.24 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Polyporusterone B is a triterpene carboxylic acid isolated from Polyporus umbellatus Fries. Polyporusterone B has inhibitory effect on free radical-induced lysis of red blood cells (hemolysis) <sup>[1]</sup> .
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### REFERENCES

[1]. Nobuyasu Sekiya, et al. Inhibitory effects of triterpenes isolated from Chuling (Polyporus umbellatus Fries) on free radical-induced lysis of red blood cells. Biol Pharm Bull. 2005 May;28(5):817-21.

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

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