



# 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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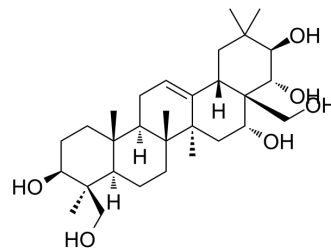
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## Protoescigenin

Cat. No.:	HY-N7497
CAS No.:	20853-07-0
Molecular Formula:	C <sub>30</sub> H <sub>50</sub> O <sub>6</sub>
Molecular Weight:	506.71
Target:	Others
Pathway:	Others
Storage:	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

In Vitro	DMSO : 50 mg/mL (98.68 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.9735 mL	9.8676 mL	19.7352 mL
			5 mM	0.3947 mL	1.9735 mL	3.9470 mL
10 mM	0.1974 mL	0.9868 mL	1.9735 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.93 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Protoescigenin is the main aglycone of horse chestnut saponin mixture known as escin. Protoescigenin is selected as substrate for exploratory chemistry towards selective protection, followed by propargyl ether formation and subsequent condensation with azido-monosaccharides, to obtain novel triazole linked conjugates of the triterpene <sup>[1]</sup> .
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### REFERENCES

[1]. Jatczak, K., et al. Preparation of selectively protected protoescigenin derivatives for synthesis of escin analogs and neoglycoconjugates. cent.eur.j.chem. 12, 1222–1231 (2014).

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

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