



# 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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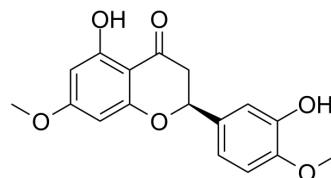
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## Persicogenin

<b>Cat. No.:</b>	HY-N7636
<b>CAS No.:</b>	28590-40-1
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>16</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	316.31
<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

#### In Vitro

DMSO : 50 mg/mL (158.07 mM; Need ultrasonic)

Concentration	Solvent	Mass	Preparing Stock Solutions		
			1 mg	5 mg	10 mg
1 mM			3.1615 mL	15.8073 mL	31.6146 mL
5 mM			0.6323 mL	3.1615 mL	6.3229 mL
10 mM			0.3161 mL	1.5807 mL	3.1615 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 1.25 mg/mL (3.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 1.25 mg/mL (3.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: 1.25 mg/mL (3.95 mM); Suspended solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

Persicogenin, isolated from *Rhus retinorrhoea*, possesses anti-cancer activity<sup>[1]</sup>.

### REFERENCES

[1]. QuaiserSaquib, et al. Anticancer efficacies of persicogenin and homoeriodictyol isolated from *Rhus retinorrhoea*. *Process Biochemistry* Volume 95, August 2020, Pages 186-196

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

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