



# 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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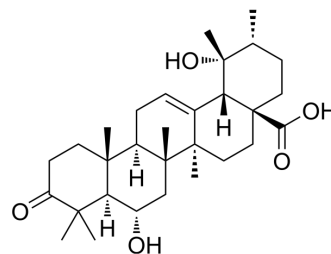
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## 6 $\beta$ ,19-Dihydroxyurs-12-en-3-oxo-28-oic acid

Cat. No.:	HY-N9199		
CAS No.:	194027-11-7		
Molecular Formula:	C <sub>30</sub> H <sub>46</sub> O <sub>5</sub>		
Molecular Weight:	486.68		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 24.34 mg/mL (50.01 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0547 mL	10.2737 mL	20.5474 mL
5 mM	0.4109 mL	2.0547 mL	4.1095 mL
10 mM	0.2055 mL	1.0274 mL	2.0547 mL

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

### BIOLOGICAL ACTIVITY

#### Description

6 $\beta$ ,19-Dihydroxyurs-12-en-3-oxo-28-oic acid (Compound 14) is an osteoclast inhibitor with anti-osteoclastogenic activity. 6 $\beta$ ,19-Dihydroxyurs-12-en-3-oxo-28-oic acid can be obtained from *Eriobotrya japonica* leaves. 6 $\beta$ ,19-Dihydroxyurs-12-en-3-oxo-28-oic acid can be used in osteoporosis research<sup>[1]</sup>.

### REFERENCES

[1]. Tan H, et al. A structure-activity relationship study on antiosteoclastogenesis effect of triterpenoids from the leaves of loquat (*Eriobotrya japonica*). *Phytomedicine*. 2015 Apr 15;22(4):498-503.

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

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