



# 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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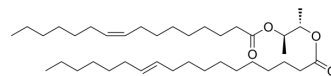
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## Coixenolide

<b>Cat. No.:</b>	HY-N12777
<b>CAS No.:</b>	29066-43-1
<b>Molecular Formula:</b>	C <sub>38</sub> H <sub>70</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	590.96
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<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

THF : 40 mg/mL (67.69 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6922 mL	8.4608 mL	16.9216 mL
5 mM	0.3384 mL	1.6922 mL	3.3843 mL
10 mM	0.1692 mL	0.8461 mL	1.6922 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Coixenolide can be isolated from coix seeds, and exhibits anti-inflammatory, anti-tumor and pain-reducing activities. Coixenolide stimulates the lung, heart, striated and smooth muscles at low doses, while inhibits at high doses. Coixenolide dilates pulmonary veins and improves pulmonary blood circulation<sup>[1]</sup>.

### REFERENCES

[1]. Hu AJ, et al., Ultrasound assisted supercritical fluid extraction of oil and coixenolide from adlay seed. Ultrason Sonochem. 2007 Feb;14(2):219-24.

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

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