



# 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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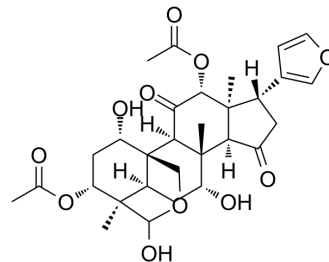
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## Isotoosendanin

Cat. No.:	HY-N7694
CAS No.:	97871-44-8
Molecular Formula:	C <sub>30</sub> H <sub>38</sub> O <sub>11</sub>
Molecular Weight:	574.62
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (43.51 mM; ultrasonic and warming and heat to 60°C)				
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
		1 mM	1.7403 mL	8.7014 mL	17.4028 mL
		5 mM	0.3481 mL	1.7403 mL	3.4806 mL
		10 mM	0.1740 mL	0.8701 mL	1.7403 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.35 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.35 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.35 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Isotoosendanin is a limonoid that can be isolated from Melia toosendan fruit. Isotoosendanin displays significant anti-inflammatory and analgesic activities <sup>[1]</sup> .
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### REFERENCES

[1]. Fan Xie, et al. Anti-inflammatory and analgesic activities of ethanolic extract and two limonoids from Melia toosendan fruit. J Ethnopharmacol. 2008 May 22;117(3):463-6.

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

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