



# 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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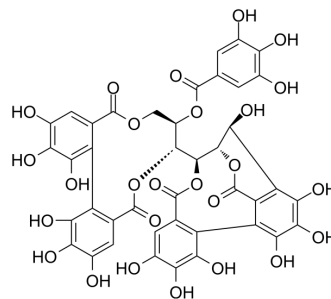
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## Casuarinin

Cat. No.:	HY-N12717
CAS No.:	79786-01-9
Molecular Formula:	C <sub>41</sub> H <sub>28</sub> O <sub>26</sub>
Molecular Weight:	936.65
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	-20°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 : 2 mg/mL (2.14 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.0676 mL	5.3382 mL	10.6763 mL
5 mM	---	---	---
10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

Casuarinin is an active product that can be isolated from the bark of Terminalia arjuna. Casuarinin induces apoptosis and cell cycle arrest<sup>[1]</sup>.

### REFERENCES

[1]. Po-Lin Kuo, et al. Casuarinin from the bark of Terminalia arjuna induces apoptosis and cell cycle arrest in human breast adenocarcinoma MCF-7 cells. *Planta Med.* 2005 Mar;71(3):237-43.

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

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