



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

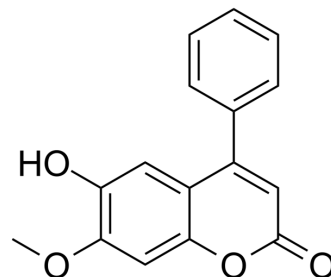
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Dalbergin

<b>Cat. No.:</b>	HY-N8347
<b>CAS No.:</b>	482-83-7
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>12</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	268.26
<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

<b>In Vitro</b>	DMSO : 100 mg/mL (372.77 mM; Need ultrasonic)				
	<b>Preparing Stock Solutions</b>	<b>Solvent</b> \ <b>Mass</b> \ <b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	3.7277 mL	18.6386 mL	37.2773 mL
		<b>5 mM</b>	0.7455 mL	3.7277 mL	7.4555 mL
		<b>10 mM</b>	0.3728 mL	1.8639 mL	3.7277 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.32 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Dalbergin is a composition of the extract from the Dalbergia Sissoo Linn. knot wood. Dalbergin demonstrates notable antioxidant ability <sup>[1]</sup> .
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### REFERENCES

[1]. Tsvetkov, D.E., Kumar, R., Dmitrenok, A.S. et al. Components of the extracts of the knot wood of Dalbergia Sissoo Linn. and their antioxidant activity. Russ Chem Bull 68, 1756–1762 (2019).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA