



# 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

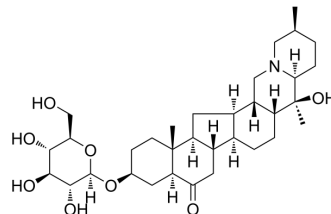
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Imperialine 3-β-D-glucoside

<b>Cat. No.:</b>	HY-107271
<b>CAS No.:</b>	67968-40-5
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>53</sub> NO <sub>8</sub>
<b>Molecular Weight:</b>	591.78
<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 : 8.33 mg/mL (14.08 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.6898 mL	8.4491 mL	16.8982 mL
		5 mM	0.3380 mL	1.6898 mL	3.3796 mL
		10 mM	0.1690 mL	0.8449 mL	1.6898 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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.83 mg/mL (1.40 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.83 mg/mL (1.40 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.83 mg/mL (1.40 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Imperialine 3-β-D-glucoside is the glucoside of Imperialine. Imperialine 3-β-D-glucoside may exhibit anti-tumor properties against multi-agent resistant tumor cells <sup>[1]</sup> .
--------------------	---

### REFERENCES

[1]. Ping Li, et al. The extraction of imperialine and imperialine-3 beta-glucoside from *Fritillaria pallidiflora* Schrenk and quantitative determination by HPLC-evaporative

**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