



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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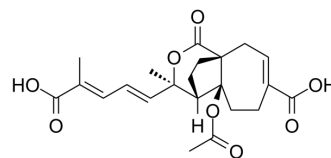
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## Pseudolaric Acid C2

Cat. No.:	HY-N6910		
CAS No.:	82508-35-8		
Molecular Formula:	C <sub>22</sub> H <sub>26</sub> O <sub>8</sub>		
Molecular Weight:	418.44		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (119.49 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3898 mL	11.9491 mL	23.8983 mL
		5 mM	0.4780 mL	2.3898 mL	4.7797 mL
10 mM		0.2390 mL	1.1949 mL	2.3898 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 (5.97 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.97 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.97 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Pseudolaric Acid C2, a diterpenoid isolated from <i>Pseudolarix kaempferi</i> , is identified as the specific metabolite of Pseudolaric acid B in plasma, urine, bile and feces after both oral and intravenous administration to rats <sup>[1][2]</sup> .
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### REFERENCES

[1]. Liu P, et al. Simultaneous determination of seven major diterpenoids in *Pseudolarix kaempferi* by high-performance liquid chromatography DAD method. J Pharm

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Biomed Anal. 2007 Jul 27;44(3):730-6.

[2]. Liu P, et al. [Metabolic pathway and metabolites of pseudolaric acid B]. Yao Xue Xue Bao. 2011 Nov;46(11):1361-5.

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

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