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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

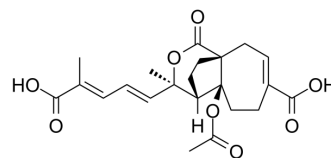
mail@szabo-scandic.com

www.szabo-scandic.com

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

Pseudolaric Acid C2

| | | | |
|---------------------------|--|-------|----------|
| Cat. No.: | HY-N6910 | | |
| CAS No.: | 82508-35-8 | | |
| Molecular Formula: | C ₂₂ H ₂₆ O ₈ | | |
| 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)

| Concentration | Solvent | 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

- 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
- 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
- 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 *Pseudolarix kaempferi*, is identified as the specific metabolite of Pseudolaric acid B in plasma, urine, bile and feces after both oral and intravenous administration to rats^{[1][2]}.

REFERENCES

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

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.

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

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