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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

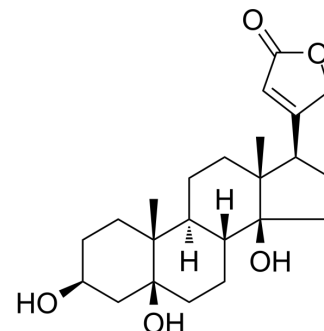
mail@szabo-scandic.com

www.szabo-scandic.com

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

Periplogenin

Cat. No.:	HY-N2414
CAS No.:	514-39-6
Molecular Formula:	C ₂₃ H ₃₄ O ₅
Molecular Weight:	390.51
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (256.08 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.5608 mL	12.8038 mL	25.6075 mL
		5 mM		0.5122 mL	2.5608 mL	5.1215 mL
		10 mM		0.2561 mL	1.2804 mL	2.5608 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 (6.40 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.40 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 2.5 mg/mL (6.40 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Periplogenin is a naturally occurring furanocoumarin found in Angelica dahurica roots, with potent anti-psoriatic effects. Periplogenin induces adipocyte differentiation ^{[1][2]} .
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CUSTOMER VALIDATION

- Int Immunopharmacol. 2024 Apr 17:133:112041.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Zhang WJ, et al. Periplogenin induces necroptotic cell death through oxidative stress in HaCaT cells and ameliorates skin lesions in the TPA- and IMQ-induced psoriasis-like mouse models. *Biochem Pharmacol.* 2016 Apr 1;105:66-79.

[2]. Han HS, et al. Phellopterin isolated from *Angelica dahurica* reduces blood glucose level in diabetic mice. *Heliyon.* 2018 Mar; 4(3): e00577.

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