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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

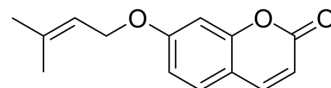
mail@szabo-scandic.com

www.szabo-scandic.com

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

7-Prenyloxycoumarin

Cat. No.:	HY-N7023
CAS No.:	10387-50-5
Molecular Formula:	C ₁₄ H ₁₄ O ₃
Molecular Weight:	230.26
Target:	Fungal
Pathway:	Anti-infection
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 (434.29 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.3429 mL	21.7146 mL	43.4292 mL
		5 mM	0.8686 mL	4.3429 mL	8.6858 mL
	10 mM	0.4343 mL	2.1715 mL	4.3429 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 (10.86 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.86 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.86 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	7-Prenyloxycoumarin (7-O-Prenylumbelliferone) is a secondary metabolite from the endophytic fungus of <i>Annulohyphylon ilanense</i> ^[1] .
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REFERENCES

[1]. Ming-Jen Cheng, et al. Secondary metabolites from the endophytic fungus of *Annulohyphylon ilanense*. *Chemistry of Natural Compounds*. 2013 Jul.

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