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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

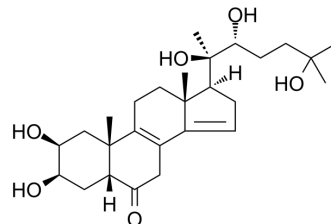
mail@szabo-scandic.com

www.szabo-scandic.com

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

Podecdysone B

Cat. No.:	HY-N6897
CAS No.:	22612-27-7
Molecular Formula:	C ₂₇ H ₄₂ O ₆
Molecular Weight:	462.62
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 (216.16 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.1616 mL	10.8080 mL	21.6160 mL
				5 mM	0.4323 mL	2.1616 mL	4.3232 mL
				10 mM	0.2162 mL	1.0808 mL	2.1616 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 (5.40 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.40 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.40 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Podecdysone B is a phytoecdysone isolated from <i>Cyanotis arachnoidea</i> ^[1] .
IC ₅₀ & Target	IC50: Phytoecdysone ^[1]

REFERENCES

[1]. M. N. Galbraith, et al. The structure of podecdysone B, a new phytoecdysone Journal of the Chemical Society D: Chemical Communications. 1971, Issue 24,

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