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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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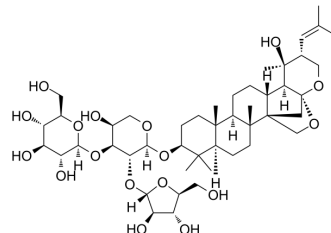
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Bacopasaponin C

Cat. No.:	HY-N6015
CAS No.:	178064-13-6
Molecular Formula:	C ₄₆ H ₇₄ O ₁₇
Molecular Weight:	899.07
Target:	Parasite
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 (111.23 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.1123 mL	5.5613 mL	11.1226 mL
		5 mM		0.2225 mL	1.1123 mL	2.2245 mL
		10 mM		0.1112 mL	0.5561 mL	1.1123 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 (2.78 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.78 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Bacopasaponin C is an indigenous glycoside isolated from <i>Bacopa monniera</i> , with antitumor and anti-leishmanial activities [1][2].
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REFERENCES

- [1]. Peng L, et al. Antitumor activities of dammarane triterpene saponins from *Bacopa monniera*. *Phytother Res.* 2010 Jun;24(6):864-8.
- [2]. Sinha J, et al. Bacopasaponin C: critical evaluation of anti-leishmanial properties in various delivery modes. *Drug Deliv.* 2002 Jan-Mar;9(1):55-62.

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

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