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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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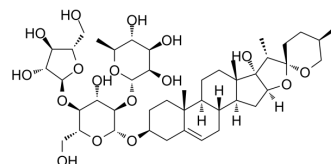
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Polyphyllin H

Cat. No.:	HY-N2382
CAS No.:	81917-50-2
Molecular Formula:	C ₄₄ H ₇₀ O ₁₇
Molecular Weight:	871.02
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 : ≥ 100 mg/mL (114.81 mM)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1481 mL	5.7404 mL	11.4808 mL
	5 mM		0.2296 mL	1.1481 mL	2.2962 mL
	10 mM		0.1148 mL	0.5740 mL	1.1481 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 (2.87 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.87 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.87 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Polyphyllin H has been widely used in traditional Chinese medicinal preparations to treat inflammation, fracture and convulsion^[1].

REFERENCES

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

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