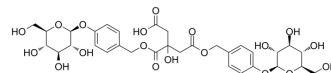


Parishin B

Cat. No.:	HY-N2124
CAS No.:	174972-79-3
Molecular Formula:	C ₃₂ H ₄₀ O ₁₉
Molecular Weight:	728.65
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 (137.24 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration \ Mass	1 mg	5 mg	10 mg
		1 mM	1.3724 mL	6.8620 mL	13.7240 mL
		5 mM	0.2745 mL	1.3724 mL	2.7448 mL
		10 mM	0.1372 mL	0.6862 mL	1.3724 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.43 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.43 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.43 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Parishin B, a parishin derivative isolated from <i>Gastrodia elata</i> , may have antioxidant property ^[1] .
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REFERENCES

[1]. Liu J, et al. An Optimized and Sensitive Pharmacokinetic Quantitative Method of Investigating Gastrodin, Parishin, and Parishin B, C and E in Beagle Dog Plasma using LC-MS/MS after Intragastric Administration of Tall *Gastrodia* Capsules. *Molecules*. 2017 Nov 10;22(11).

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

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