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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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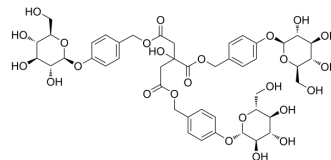
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Parishin

Cat. No.:	HY-N2031
CAS No.:	62499-28-9
Molecular Formula:	C ₄₅ H ₅₆ O ₂₅
Molecular Weight:	996.91
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 : 125 mg/mL (125.39 mM; Need ultrasonic)
H₂O : 100 mg/mL (100.31 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		1.0031 mL	5.0155 mL	10.0310 mL
	5 mM		0.2006 mL	1.0031 mL	2.0062 mL
	10 mM		0.1003 mL	0.5015 mL	1.0031 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: Saline
Solubility: 50 mg/mL (50.15 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 6.25 mg/mL (6.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 6.25 mg/mL (6.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 6.25 mg/mL (6.27 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Parishin is a phenolic glucoside isolated from *Gastrodia elata*. Parishin exhibits antiaging effects and extends the lifespan of yeast via regulation of Sir2/Uth1/TOR signaling pathway^[1].

IC₅₀ & Target

Sir2/Uth1/TOR^[1]

In Vitro

Parishin extends the replicative lifespan of K6001 yeast at 3, 10, and 30 μM^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lin Y, et al. Parishin from *Gastrodia elata* Extends the Lifespan of Yeast via Regulation of Sir2/Uth1/TOR Signaling Pathway. *Oxid Med Cell Longev*. 2016;2016:4074690.

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

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