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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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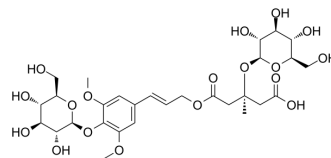
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Tangshenoside I

Cat. No.:	HY-N9317
CAS No.:	117278-74-7
Molecular Formula:	C ₂₉ H ₄₂ O ₁₈
Molecular Weight:	678.63
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 25 mg/mL (36.84 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.4736 mL	7.3678 mL	14.7356 mL
	5 mM		0.2947 mL	1.4736 mL	2.9471 mL
	10 mM		0.1474 mL	0.7368 mL	1.4736 mL

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

BIOLOGICAL ACTIVITY

Description

Tangshenoside I, isolated from the roots of *Codonopsis lanceolata*, exhibits weak α -glucosidase inhibitory activities in vitro with an IC₅₀ of 1.4 mM^[1].

REFERENCES

[1]. S. W. Jung, et al. α -Glucosidase Inhibitors from the Roots of *Codonopsis lanceolata* Trautv. *Journal of Applied Biological Chemistry*.

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

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