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Produktinformation



Forschungsprodukte & Biochemikalien



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Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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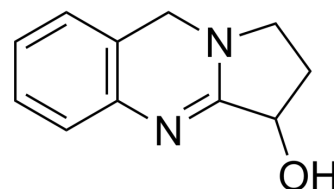
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(±)-Vasicine

Cat. No.:	HY-N7031
CAS No.:	6159-56-4
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O
Molecular Weight:	188.23
Target:	Proton Pump
Pathway:	Membrane Transporter/Ion Channel
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 16.67 mg/mL (88.56 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.3126 mL	26.5632 mL	53.1265 mL
	5 mM	1.0625 mL	5.3126 mL	10.6253 mL
	10 mM	0.5313 mL	2.6563 mL	5.3126 mL

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

BIOLOGICAL ACTIVITY

Description

(±)-Vasicine is the racemate of Vasicine. Vasicine (Peganine) significantly inhibits H⁺-K⁺-ATPase activity in vitro with an IC₅₀ of 73.47 μg/mL. Anti-ulcer activity. Vasicine shows significant anti-secretory, antioxidant and cytoprotective effect^[1].

In Vitro

Vasicine (Peganine) exhibits strong antioxidant activity in the DPPH inhibition assay with an IC₅₀ value of 71.97 ± 3.79 μg/mL^[1].

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

REFERENCES

[1]. Singh VK, et al. Anti-secretory and cyto-protective effects of peganine hydrochloride isolated from the seeds of Peganum harmala on gastric ulcers. Phytomedicine. 2013 Oct 15;20(13):1180-5.

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

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