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Produktinformation



Forschungsprodukte & Biochemikalien



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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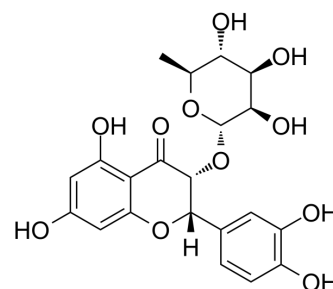
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Neoisostilbin

Cat. No.:	HY-N5116
CAS No.:	54141-72-9
Molecular Formula:	C ₂₁ H ₂₂ O ₁₁
Molecular Weight:	450.39
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (222.03 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.2203 mL	11.1015 mL	22.2030 mL
		5 mM		0.4441 mL	2.2203 mL	4.4406 mL
		10 mM		0.2220 mL	1.1101 mL	2.2203 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.55 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.55 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.55 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Neoisostilbin possesses antioxidant, anti-hyperuricemic and anti-Inflammatory activities ^[1] .
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REFERENCES

[1]. Xinyu Zhao, et al. Antioxidant and Anti-Inflammatory Activities of Six Flavonoids from Smilax glabra Roxb. Molecules. 2020 Nov 13;25(22):5295.

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

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