



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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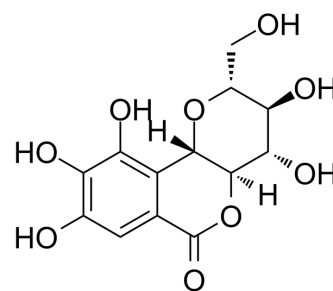
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Norbergenin

Cat. No.:	HY-N9447		
CAS No.:	79595-97-4		
Molecular Formula:	C ₁₃ H ₁₄ O ₉		
Molecular Weight:	314.24		
Target:	Reactive Oxygen Species		
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (397.79 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1823 mL	15.9114 mL	31.8228 mL
	5 mM	0.6365 mL	3.1823 mL	6.3646 mL
	10 mM	0.3182 mL	1.5911 mL	3.1823 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (6.62 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (6.62 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (6.62 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Norbergenin, the O-demethyl derivative of bergenin, shows moderate antioxidant activity (IC₅₀ 13 μM in DPPH radical scavenging; 32 μM in superoxide anion scavenging)^[1].

CUSTOMER VALIDATION

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- Chemistry Africa. 2023 Apr 20.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Takahashi H, et al. Synthesis and neuroprotective activity of bergenin derivatives with antioxidant activity. Bioorg Med Chem. 2003;11(8):1781-1788.

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

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