



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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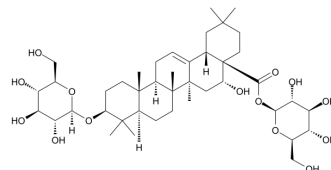
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Eclalbasaponin I

Cat. No.:	HY-N7022
CAS No.:	158511-59-2
Molecular Formula:	C ₄₂ H ₆₈ O ₁₄
Molecular Weight:	796.98
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 : 100 mg/mL (125.47 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.2547 mL	6.2737 mL	12.5474 mL
	5 mM		0.2509 mL	1.2547 mL	2.5095 mL
	10 mM		0.1255 mL	0.6274 mL	1.2547 mL

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

BIOLOGICAL ACTIVITY

Description

Eclalbasaponin I is isolated from *Eclipta prostrata* L with antitumor activity. Eclalbasaponin I inhibits the proliferation of hepatoma cell smmc-7721 with an IC₅₀ value of 111.1703 µg/ml^[1].

IC₅₀ & Target

IC₅₀: 111.1703 µg/ml (smmc-7721 cells)

REFERENCES

[1]. Liu QM, et al. *Eclipta prostrata* L. phytochemicals: isolation, structure elucidation, and their antitumor activity. *Food Chem Toxicol.* 2012 Nov;50(11):4016-22.

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

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