



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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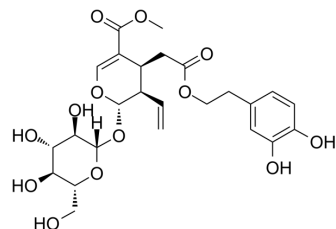
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Oleuroside

Cat. No.:	HY-N6906
CAS No.:	116383-31-4
Molecular Formula:	C ₂₅ H ₃₂ O ₁₃
Molecular Weight:	540.51
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 : 50 mg/mL (92.51 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.8501 mL	9.2505 mL	18.5010 mL
		5 mM	0.3700 mL	1.8501 mL	3.7002 mL
		10 mM	0.1850 mL	0.9251 mL	1.8501 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (2.31 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.31 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.31 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Oleuroside is a phenolic secoiridoid in olive. Oleuroside can protect against mitochondrial dysfunction in models of early Alzheimer's disease and brain ageing ^[1] .
In Vitro	Oleuroside significantly increases basal ATP levels in SY5Y-APP695 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Grewal R, et al. Purified oleocanthal and ligstroside protect against mitochondrial dysfunction in models of early Alzheimer's disease and brain ageing. *Exp Neurol*. 2020 Feb 18;113248.

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

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