



SZABO SCANDIC

Part of Europa Biosite

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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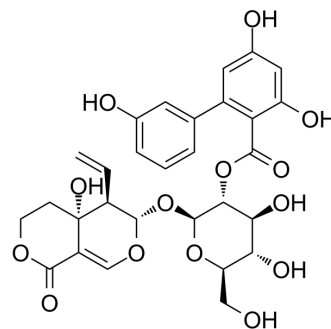
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Amaroswerin

Cat. No.:	HY-N9337
CAS No.:	21233-18-1
Molecular Formula:	C ₂₉ H ₃₀ O ₁₄
Molecular Weight:	602.54
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Amaroswerin is a bioactive secoiridoid glucoside from *Swertia mussotii*. Amaroswerin has anti-inflammatory, antidiabetic, antiviral, anticholinergic and immunomodulatory activities. Amaroswerin inhibits NO release with an IC₅₀ value of 5.42 μg/mL in RAW264.7 cells^[1].

REFERENCES

- [1]. Yuan Xiang, et al. Anti-inflammatory activity of compounds isolated from *Swertia mussotii*. *Nat Prod Res.* 2019 Feb;33(4):598-601.
- [2]. Satyendra Suryawanshi, et al. Assessment of systemic interaction between *Swertia chirata* extract and its Bioactive constituents in rabbits. *Phytother Res.* 2009 Jul;23(7):1036-8.

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

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