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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

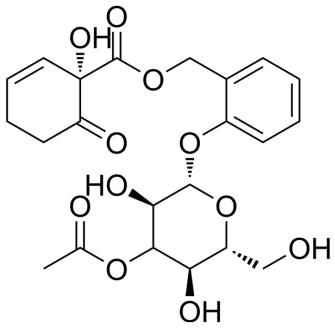
mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Salixteroside D

Cat. No.:	HY-N12767
Molecular Formula:	$C_{22}H_{26}O_{11}$
Molecular Weight:	466.44
Target:	p38 MAPK; NF-κB
Pathway:	MAPK/ERK Pathway; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Salixteroside D is a salicin derivative, that exhibits anti-inflammatory activity through inhibition of MAPK and NF-κB signaling pathways[1].
In Vitro	Salixteroside D (20 μM, 24 h) inhibits NO production in RAW 264.7 with an IC_{50} of 6.75 μM, without cytotoxicity in cell RAW 264.7[1]. Salixteroside D (5-20 μM, 12 h) inhibits the expressions of inflammatory mediators IL-1β, IL-6, iNOS and COX-2 in Lipopolysaccharides (HY-D1056)-induced RAW 264.7 macrophages[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Western Blot Analysis[1]

Cell Line:	RAW 264.7
Concentration:	5-20 μM
Incubation Time:	12 h
Result:	Decreased mRNA levels of iNOS and COX-2.

REFERENCES

[1]. Wu PQ, et al., Anti-Inflammatory Salicin Derivatives from the Barks of Salix tetrasperma. J Agric Food Chem. 2024 Apr 11.

[2]. Wu PQ, et al., Anti-Inflammatory Salicin Derivatives from the Barks of Salix tetrasperma. J Agric Food Chem. 2024 Apr 11.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA