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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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

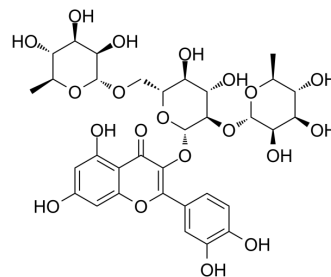
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Manghaslin

Cat. No.:	HY-N7993
CAS No.:	55696-57-6
Molecular Formula:	C ₃₃ H ₄₀ O ₂₀
Molecular Weight:	756.66
Target:	AChE
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Manghaslin is a flavonoid glycoside with anti-inflammatory activities. Manghaslin shows inhibitory activity against AChE with an IC ₅₀ of 94.92 μM ^{[1][2]} .
In Vitro	Manghaslin reduces the release of NO in LPS-stimulated macrophages. Manghaslin also decreases the levels of TNF-α and Neopterin ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hasan Kirmızibekmez, et al. Phenolic compounds from the aerial parts of Clematis viticella L. and their in vitro anti-inflammatory activities. Nat Prod Res. 2019 Sep;33(17):2541-2544.

[2]. Daniil N Olenikov, et al. Isorhamnetin and Quercetin Derivatives as Anti-Acetylcholinesterase Principles of Marigold (Calendula officinalis) Flowers and Preparations. Int J Mol Sci. 2017 Aug 2;18(8):1685.

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

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