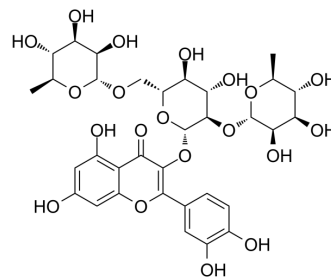


Manghaslin

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