

Product Data Sheet

Product Name: Quercetin 3-O-rutinoside-(1→2)-O-rhamnoside

Cat. No.: GF03854

Chemical Properties

Cas. No. 55696-57-6

Formula C₃₃H₄₀O₂₀

M.Wt 756.66

Solubility DMSO : 50 mg/mL (66.08 mM; Need ultrasonic) Storage 2-8°C, sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Manghaslin is a flavonoid glycoside with anti-inflammatory activities. Manghaslin shows inhibitory activity against AChE with an IC₅₀ of 94.92 μM.

Manghaslin reduces the release of NO in LPS-stimulated macrophages. Manghaslin also decreases the levels of TNF-α and Neopterin^[1].

[1]. Hasan K, Ermek Z, Bekmez, 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.

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

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[2]. Daniil N Olennikov, 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.

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