

Product Data Sheet

Product Name: Skullcapflavone I

Cat. No.: GC74257

Chemical Properties

Cas. No. 41060-16-6

Formula $C_{17}H_{14}O_6$

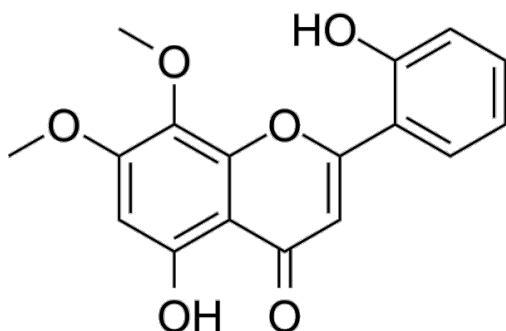
M.Wt 314.29

Solubility Storage -20°C, protect from light

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

Skullcapflavone I can be isolated from *A. nallamalayana*. Skullcapflavone I inhibits collagenase and elastase enzyme with IC₅₀s of 106.74 μM and 186.70 μM. Skullcapflavone I has anticancer activities by down-regulating miR-23a.

References:

- [1]. Yang B, et al. Anti-cancer, Anti-collagenase and Anti-elastase Potentials of Some Natural Derivatives: In vitro and in silico Studies. *J Oleo Sci.* 2023;72(5):557-570.
- [2]. Cui J, et al. Skullcapflavone I has a potent anti-pancreatic cancer activity by targeting miR-23a.

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

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Biofactors. 2020 Sep;46(5):821-830.

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