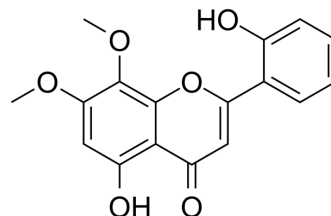


## Skullcapflavone I

Cat. No.:	HY-N1235
CAS No.:	41060-16-6
Molecular Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>6</sub>
Molecular Weight:	314.29
Target:	Elastase; MicroRNA
Pathway:	Metabolic Enzyme/Protease; Epigenetics
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Skullcapflavone I can be isolated from *A. nallamalayana*. Skullcapflavone I inhibits collagenase and elastase enzyme with IC<sub>50</sub>s of 106.74 μM and 186.70 μM. Skullcapflavone I has anticancer activities by down-regulating miR-23a<sup>[1]</sup>.

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

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

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