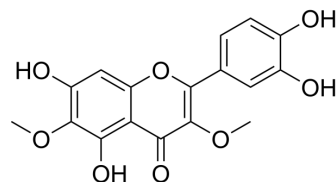


## Axillarin

Cat. No.:	HY-119186
CAS No.:	5188-73-8
Molecular Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>8</sub>
Molecular Weight:	346.29
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Axillarin is a natural flavonoid with anti-glycating and anti-oxidant effects <sup>[1]</sup> .
In Vitro	Axillarin shows anti-glycation activity with an IC <sub>50</sub> of 246.97 μM. Axillarin exhibits potent DPPH radical scavenging activity (IC <sub>50</sub> of 0.1 μM). Axillarin demonstrates significant superoxide anion scavenging activity with an IC <sub>50</sub> of 0.14 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Fadul E, et al. Anti-glycating and anti-oxidant compounds from traditionally used anti-diabetic plant Geigeria alata(DC) Oliv. & Hiern. Nat Prod Res. 2020 Sep;34(17):2456-2464.

**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