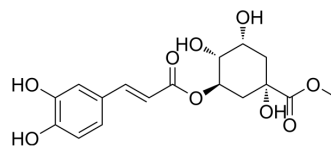


Methyl chlorogenate

| | |
|--------------------|---|
| Cat. No.: | HY-N4168B |
| CAS No.: | 29708-87-0 |
| Molecular Formula: | C ₁₇ H ₂₀ O ₉ |
| Molecular Weight: | 368.34 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Methyl chlorogenate is an antioxidant, and has radical scavenging activity. Methyl chlorogenate is an anti-inflammatory agent. Methyl chlorogenate also inhibits hepatocellular carcinoma (HCC) cell proliferation and metastasis^{[1][2]}.

REFERENCES

[1]. Szymborska K, et al. Extraction with Acidified Methanol-An Easy and Effective Method of Methyl Chlorogenate Formation, as Studied by ESI-MS. *Molecules*. 2022 Nov 3;27(21):7543.

[2]. Pang Y, et al. Inhibition of abnormally activated HIF-1 α -GLUT1/3-glycolysis pathway enhances the sensitivity of hepatocellular carcinoma to 5-caffeoylquinic acid and its derivatives. *Eur J Pharmacol*. 2022 Apr 5;920:174844.

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

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