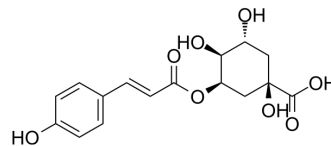


5-O-Coumaroylquinic acid

| | |
|--------------------|---|
| Cat. No.: | HY-W727627 |
| CAS No.: | 87099-71-6 |
| Molecular Formula: | C ₁₆ H ₁₈ O ₈ |
| Molecular Weight: | 338.31 |
| Target: | Amylases |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

5-O-Coumaroylquinic acid is a potent, reversible, non-competitive α -amylase inhibitor with an IC₅₀ value of 69.39 μ M. 5-O-Coumaroylquinic acid can be used in diabetes research^[1].

REFERENCES

[1]. Zhang X, et al. Screening and Characterization of an α -Amylase Inhibitor from *Carya cathayensis* Sarg. *Peel. Foods*. 2023 Dec 10;12(24):4425.

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

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