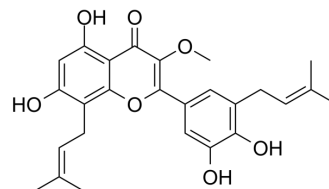


5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone

| | |
|--------------------|---|
| Cat. No.: | HY-N9174 |
| CAS No.: | 1353676-65-9 |
| Molecular Formula: | C ₂₆ H ₂₈ O ₇ |
| Molecular Weight: | 452.5 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone is a natural product that can be extracted from *B. papyrifera*. 5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone has potent anti-proliferation effects on ER-positive breast cancer cells, with an IC₅₀ value of 4.41 μM for MCF-7 cells. 5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone also reduces the tumor growth in the BCAP-37 xenograft^[1].

REFERENCES

[1]. FujiangGuo, et al. Prenylflavone derivatives from *Broussonetia papyrifera*, inhibit the growth of breast cancer cells in vitro and in vivo. *Phytochemistry Letters*. Volume 6, Issue 3, August 2013, Pages 331-336.

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

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