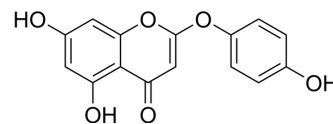


Demethoxycapillarisin

| | |
|--------------------|---|
| Cat. No.: | HY-N3720 |
| CAS No.: | 61854-36-2 |
| Molecular Formula: | C ₁₅ H ₁₀ O ₆ |
| Molecular Weight: | 286.24 |
| Target: | PEPCK |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Demethoxycapillarisin (6-Demethoxycapillarisin) inhibits PEPCK mRNA levels (IC₅₀: 43 μM) by activation of the PI3K pathway. Demethoxycapillarisin decreases glucose production^[1].

REFERENCES

[1]. Govorko D, et al. Polyphenolic compounds from *Artemisia dracunculus* L. inhibit PEPCK gene expression and gluconeogenesis in an H4IIE hepatoma cell line. *Am J Physiol Endocrinol Metab.* 2007 Dec;293(6):E1503-10.

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

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