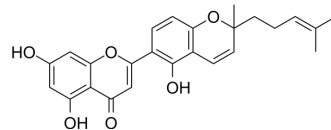


Mortatarin G

Cat. No.:	HY-N11841
CAS No.:	2477746-26-0
Molecular Formula:	C ₂₅ H ₂₄ O ₆
Molecular Weight:	420.45
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mortatarin G (compound 3) is a prenylated flavonoid, that can be isolated from mulberry leaves. Mortatarin G exhibits good α -glucosidase inhibitory activity, with an IC₅₀ of 20.4±1.4 μ M^[1].

REFERENCES

[1]. Tian JL, et al. Inhibitory Mechanism of Prenylated Flavonoids Isolated from Mulberry Leaves on α -Glucosidase by Multi-Spectroscopy and Molecular Dynamics Simulation. J Agric Food Chem. 2023 Jun 14;71(23):9135-9147.

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

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