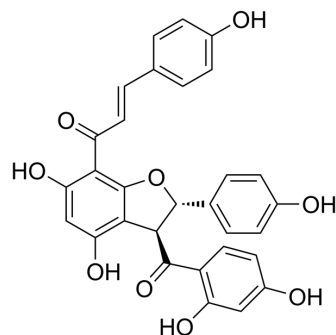


2,3-Dihydrocalodenin B

Cat. No.:	HY-N12688
Molecular Formula:	C ₃₀ H ₂₂ O ₉
Molecular Weight:	526.49
Target:	Glucosidase; Amylases
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2,3-Dihydrocalodenin B (Compound 6) is a compound that can be isolated from *Knema globularia*. 2,3-Dihydrocalodenin B is a potent and non-competitive inhibitor against α -glucosidase and α -amylase, with IC₅₀ values of 1.1 and 2.6 μ M, respectively. 2,3-Dihydrocalodenin B can be used for the research of diabetes^[1].

REFERENCES

[1]. Le TK, et al. Globunoids A-D, undescribed bichalconoid and biflavanoids with α -glucosidase and α -amylase inhibitory activities from *Knema globularia* stems. *Phytochemistry*. 2024 Mar 15;221:114066.

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

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