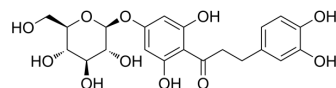


Sieboldin

Cat. No.:	HY-N8375
CAS No.:	18777-73-6
Molecular Formula:	C ₂₁ H ₂₄ O ₁₁
Molecular Weight:	452.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sieboldin is a dihydrochalcone, which inhibits the production of advanced glycation end products (AGE) produced by bovine serum albumins (BSA), has free radical scavenging activity and cytotoxicity in cancer cell lines, and is also used to capture of methylglyoxal (MGO) from <i>Malus baccata</i> ^[1] .
IC ₅₀ & Target	Others

REFERENCES

[1]. Kim J H, et al. Trapping of Methylglyoxal by Sieboldin from *Malus baccata* L. and Identification of Sieboldin-Methylglyoxal Adducts Forms[J]. *Natural Product Sciences*, 2021, 27(4): 245-250.

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

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