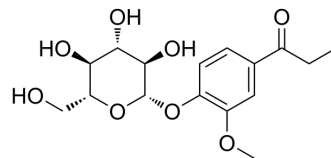


Praeroside

Cat. No.:	HY-N10603
CAS No.:	155969-61-2
Molecular Formula:	C ₁₆ H ₂₂ O ₈
Molecular Weight:	342.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Praeroside (Baihuaqianhuoside), a coumarin glycoside. Praeroside can be extracted from the root of Peucedanum praeruptorum and Heracleum dissectum. Praeroside shows anti-inflammatory activity in vitro. Praeroside can be used for the research of inflammation ^{[1][2]} .
IC₅₀ & Target	IC ₅₀ : \approx 100 μ M (NO production) ^[1] .
In Vitro	Praeroside (0-100 μ M; 4 h) inhibits NO production in RAW264.7 cells with an IC ₅₀ value of \approx 100 μ M ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Zhang HL, et al. A New Anti-Inflammatory Alkaloid from Roots of Heracleum dissectum. Chem Biodivers. 2017 Sep;14(9).
- [2]. Ishii H, et al. Studies of coumarins from the Chinese drug Qianhu, XXVII: structure of a new simple coumarin glycoside from Bai-Hua Qianhu, Peucedanum praeruptorum. Chem Pharm Bull (Tokyo). 2008 Sep;56(9):1349-51.

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

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