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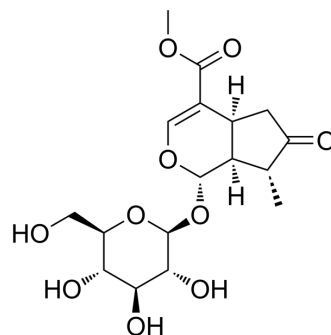
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7-Ketologanin

Cat. No.:	HY-N11794
CAS No.:	152-91-0
Molecular Formula:	C ₁₇ H ₂₄ O ₁₀
Molecular Weight:	388.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	7-Ketologanin is an iridoid glucoside. 7-Ketologanin can be isolated from the Stems of <i>Viburnum erosum</i> . 7-Ketologanin involves in biosynthetic pathway of oleuropein. Oleuropein, is a bioactive phenolic compound, modulates several oncogenic signalling pathways ^[1] .
In Vitro	The synthesis of Oleuropein could be due to the direct transformation of 7-ketologanin into oleoside-11-methyl ester and the subsequent conversion to 7-β-1-D-glucopyranosyl-11-methyl oleoside that is esterified with tyrosol to give ligstroside ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. In S J, Seo K H, Kim H G, et al. New iridoid from the stems of *Viburnum erosum*[J]. *Chemistry of Natural Compounds*, 2017, 53: 265-268.

[2]. Ahmad Farooqi A, Fayyaz S, Silva AS, Sureda A, Nabavi SF, Mocan A, Nabavi SM, Bishayee A. Oleuropein and Cancer Chemoprevention: The Link is Hot. *Molecules*. 2017 Apr 29;22(5):705.

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

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