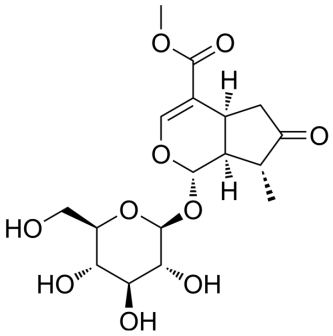
7-Ketologanin

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 Viburnum erosum. 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.

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