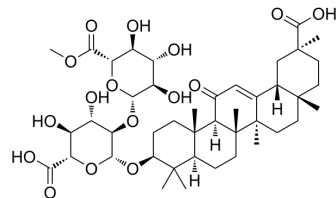


Glycyrrhizin-6''-methylester

Cat. No.:	HY-N11976
CAS No.:	1186016-30-7
Molecular Formula:	C ₄₃ H ₆₄ O ₁₆
Molecular Weight:	836.96
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Glycyrrhizin-6''-methylester (compound 22) is a glycyrrhizin that can be isolated from licorice root. Glycyrrhizin-6''-methylester can participate as an aglycone in the formation of methyl glucuronate, producing a sweet and licorice taste, but no bitterness. This reveals the importance of the free carboxyl group on the glycoside cone-bound glucuronic acid for natural sweetness and licorice taste^[1].

REFERENCES

- [1]. Schmid C, et al. Comprehensive structure-activity-relationship studies of sensory active compounds in licorice (*Glycyrrhiza glabra*). *Food Chem.* 2021 Dec 1;364:130420.
- [2]. Schmid C. et al. Comprehensive structure-activity-relationship studies of sensory active compounds in licorice (*Glycyrrhiza glabra*). *Food Chem.* 2021 Dec 1;364:130420.

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

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