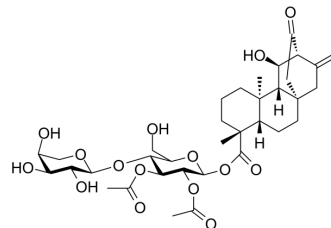


Stevisalioside A

Cat. No.:	HY-N12353
CAS No.:	142934-44-9
Molecular Formula:	C ₃₅ H ₅₀ O ₁₅
Molecular Weight:	710.76
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Stevisalioside A (Compound 2) can be isolated from *Stevia serrata* roots. Stevisalioside A is an orally active antidiabetic agent. Stevisaliosides A inhibits PTP1B (IC₅₀: 526.8 μM). Stevisalioside A reduces blood glucose levels and the postprandial peak in oral glucose and insulin tolerance tests in Streptozotocin (HY-13753) induced hyperglycemic mice^[1].

REFERENCES

[1]. Padilla-Mayne S, et al. Chemical Analysis and Antidiabetic Potential of a Decoction from *Stevia serrata* Roots. *J Nat Prod.* 2023 Sep 22.

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

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