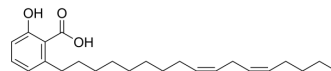


α -Glucosidase-IN-54

Cat. No.:	HY-N12664
CAS No.:	174284-54-9
Molecular Formula:	C ₂₄ H ₃₆ O ₃
Molecular Weight:	372.54
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

α -Glucosidase-IN-54 (compound 2) is a α -glucosidase inhibitor with the IC₅₀ of 0.011 mM, and can be isolated from *Syzygium jambos* (L.). α -Glucosidase-IN-54 can be used for study of diabetes^[1].

REFERENCES

[1]. Jiang Y, et al. Identification of Novel α -Glucosidase Inhibitors from *Syzygium jambos* (L.) Using Spectroscopy and Molecular Docking. *Plant Foods Hum Nutr.* 2024;79(1):73-82.

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

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