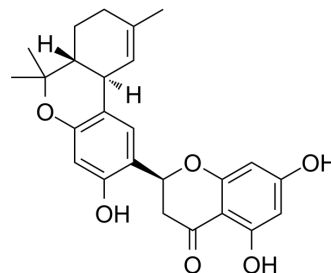


α -Glucosidase-IN-59

Cat. No.:	HY-N12721
Molecular Formula:	C ₂₅ H ₂₆ O ₆
Molecular Weight:	422.47
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-59 (Compound 5b) is an inhibitor for α -glucosidase with IC ₅₀ of 1.16 μ M ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.16 μ M (α -Glucosidase)

REFERENCES

[1]. Tian LL, et al., Bioassay-guided discovery and identification of new potent α -glucosidase inhibitors from *Morus alba* L. and the interaction mechanism. *J Ethnopharmacol.* 2024 Mar 25;322:117645.

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

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