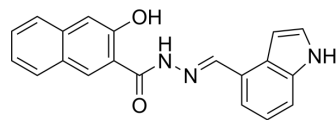


α-Glucosidase-IN-52

Cat. No.:	HY-161318
Molecular Formula:	C ₂₀ H ₁₅ N ₃ O ₂
Molecular Weight:	329.35
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-52 (Compound 3h) is an α-glucosidase inhibitor with an IC ₅₀ of 2.8 μM. α-Glucosidase-IN-52 can be used for diabetes research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.8 μM (α-Glucosidase) ^[1] .

REFERENCES

[1]. Tasleem M, et al. Synthesis of 3-hydroxy-2-naphthohydrazide-based hydrazones and their implications in diabetic management via in vitro and in silico approaches[J]. Archiv der Pharmazie, 2023: e2300544.

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

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