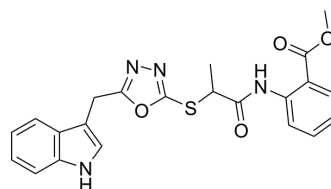


α -Glucosidase-IN-27

Cat. No.:	HY-154998
Molecular Formula:	C ₂₂ H ₂₀ N ₄ O ₄ S
Molecular Weight:	436.48
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-27 (compound 8l) is an α -glucosidase inhibitor (IC ₅₀ =25.78 μ M). α -Glucosidase-IN-27 has the potential to study type 2 diabetes (D2M) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 25.78 μ M (α -Glucosidase) ^[1] .

REFERENCES

[1]. Abbasi MA, et al. Synthesis and Molecular Docking Studies of Novel Biheterocyclic Propanamides as Antidiabetic Agents Having Mild Cytotoxicity. ACS Omega. 2023 Jun 14;8(25):22899-22911.

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

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