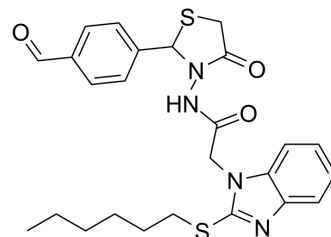


α -Glucosidase-IN-13

Cat. No.:	HY-150960
CAS No.:	2816072-18-9
Molecular Formula:	C ₂₅ H ₂₈ N ₄ O ₃ S ₂
Molecular Weight:	496.64
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-13 (Compound 8) is a α -glucosidase inhibitor with an IC ₅₀ of 5.69 μ M ^[1] .
IC ₅₀ & Target	IC ₅₀ : 5.69 μ M (α -glucosidase) ^[1]
In Vitro	α -Glucosidase-IN-13 (Compound 8) forms a stable receptor–ligand complex with α -glucosidase ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Khan SA, et al. Mercaptobenzimidazole-Based 1, 3-Thiazolidin-4-ones as Antidiabetic Agents: Synthesis, In Vitro α -Glucosidase Inhibition Activity, and Molecular Docking Studies. ACS Omega, 2022.

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

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