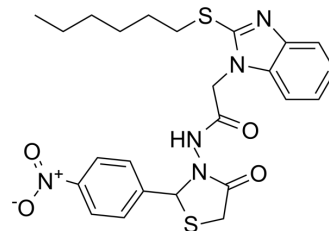


α -Glucosidase-IN-14

Cat. No.:	HY-150961
CAS No.:	2816072-15-6
Molecular Formula:	C ₂₄ H ₂₇ N ₅ O ₄ S ₂
Molecular Weight:	513.63
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-14 (compound 5) is a potent α -glucosidase inhibitor, with an IC ₅₀ of 5.22 μ M ^[1] .
IC ₅₀ & Target	IC ₅₀ : 5.22 \pm 0.14 μ M (α -glucosidase) ^[1]

REFERENCES

[1]. Sher Ali Khan, 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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