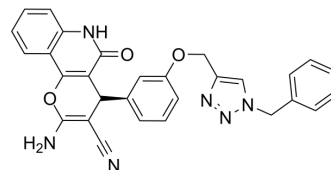


α -Glucosidase-IN-25

Cat. No.:	HY-155030
CAS No.:	2941473-92-1
Molecular Formula:	C ₂₉ H ₂₂ N ₆ O ₃
Molecular Weight:	502.52
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-25 (Compound (R)-8k) is a competitive inhibitor of α -glucosidase, with an IC₅₀ of 1.19 μ M and can be used for anti-diabetic research^[1].

REFERENCES

[1]. Esmaili S, et.al. Novel Pyrano[3,2-c]quinoline-1,2,3-triazole Hybrids as Potential Anti-Diabetic Agents: In Vitro α -Glucosidase Inhibition, Kinetic, and Molecular Dynamics Simulation. ACS Omega. 2023 Jun 20;8(26):23412-23424.

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

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