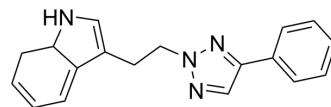


α -Glucosidase-IN-31

Cat. No.:	HY-149409
Molecular Formula:	C ₁₈ H ₁₈ N ₄
Molecular Weight:	290.36
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-31 (compound R1) is an orally active, potent α -Glucosidase inhibitor with an IC ₅₀ value of 10.1 μ M. α -Glucosidase-IN-31 significantly reduces the blood glucose level and has antidiabetic activity ^[1] .
In Vivo	α -Glucosidase-IN-31 (compound R1; 10 mg/kg; po; for 15 days) significantly reduces the blood glucose level in diabetic mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ritu, et al. Design, synthesis and antidiabetic study of triazole clubbed indole derivatives as α -glucosidase inhibitors. Bioorg Chem. 2023 Oct;139:106750.

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

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