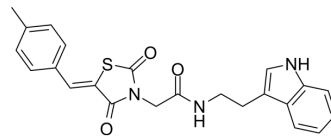


α-Glucosidase-IN-44

Cat. No.:	HY-163066
Molecular Formula:	C ₂₃ H ₂₁ N ₃ O ₃ S
Molecular Weight:	419.5
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-44 (compound IT4) is an inhibitor of α-glucosidase with IC₅₀ value of 2.35 μM. α-Glucosidase-IN-44 has an oral activity. α-Glucosidase-IN-44 suppresses fasting blood glucose levels in diabetic mice^[1].

REFERENCES

[1]. Chunmei Hu, et al. Synthesis and biological evaluation of indole derivatives containing thiazolidine-2,4-dione as α-glucosidase inhibitors with antidiabetic activity. Eur J Med Chem. 2023.

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

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