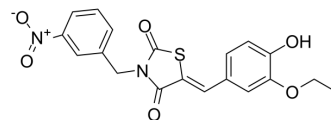


α -Amylase/ α -Glucosidase-IN-8

Cat. No.:	HY-162169
Molecular Formula:	C ₁₉ H ₁₆ N ₂ O ₆ S
Molecular Weight:	400.41
Target:	Amylases; Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

α -Amylase/ α -Glucosidase-IN-8 (Compound 7p) is a potent dual inhibitor of α -amylase and α -glucosidase, with IC₅₀s of 10.19 and 10.33 μ M, respectively. α -Amylase/ α -Glucosidase-IN-8 has good anti-oxidant activity (IC₅₀ = 14.93 μ M). α -Amylase/ α -Glucosidase-IN-8 can be used for the research of diabetes^[1].

REFERENCES

[1]. Singh G, et al. 3,5-Disubstituted-thiazolidine-2,4-dione hybrids as antidiabetic agents: Design, synthesis, in-vitro and In vivo evaluation. Eur J Med Chem. 2024 Jan 12;266:116139.

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

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