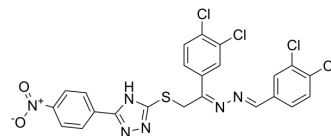


α -Amylase/ α -Glucosidase-IN-3

Cat. No.:	HY-154972
Molecular Formula:	C ₂₃ H ₁₄ Cl ₄ N ₆ O ₂ S
Molecular Weight:	580.27
Target:	Glucosidase; Amylases
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-3 (Compound 17) is an α -Amylase/ α -Glucosidase dual inhibitor, with IC₅₀s of 0.70 μ M and 1.10 μ M. α -Amylase/ α -Glucosidase-IN-3 can be used for research of type-II diabetes mellitus^[1].

REFERENCES

[1]. Khan I, et al. Synthesis and In Vitro α -Amylase and α -Glucosidase Dual Inhibitory Activities of 1,2,4-Triazole-Bearing bis-Hydrazone Derivatives and Their Molecular Docking Study. ACS Omega. 2023 Jun 5;8(25):22508-22522.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA