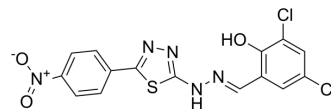


α -Glucosidase-IN-48

Cat. No.:	HY-162262
Molecular Formula:	C ₁₅ H ₉ Cl ₂ N ₅ O ₃ S
Molecular Weight:	410.23
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-48 (compound 9) is a potent inhibitor of α -Glucosidase, with IC₅₀ of 1.30 μ M^[1].

REFERENCES

[1]. Zahid Ali, et al. New 1,3,4-Thiadiazole Derivatives as α -Glucosidase Inhibitors: Design, Synthesis, DFT, ADME, and In Vitro Enzymatic Studies. ACS Omega. 2024 Feb 5;9(7):7480-7490.

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