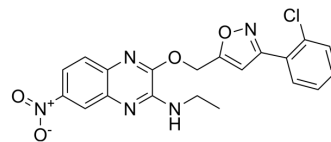


α -Amylase/ α -Glucosidase-IN-9

Cat. No.:	HY-161355
Molecular Formula:	C ₂₀ H ₁₆ ClN ₅ O ₄
Molecular Weight:	425.83
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-9 (compound 5h) is a dual inhibitor for both α -amylase (IC₅₀ = 16.4 μ M) and α -glucosidase (IC₅₀ = 31.6 μ M) enzymes^[1].

REFERENCES

[1]. Mohd Radzuan SN, et al. Synthesis, biological activities, and evaluation molecular docking-dynamics studies of new phenylisoxazole quinoxalin-2-amine hybrids as potential α -amylase and α -glucosidase inhibitors. RSC Adv. 2024;14(11):7684-7698. Published 2024 Mar 5.

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