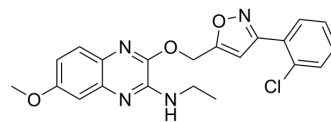


α -Amylase/ α -Glucosidase-IN-6

| | |
|--------------------|---|
| Cat. No.: | HY-156380 |
| Molecular Formula: | C ₂₁ H ₁₉ ClN ₄ O ₃ |
| Molecular Weight: | 410.85 |
| 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-6 (compound 5j) is a potent dual inhibitor of α -amylase and α -glucosidase, with IC₅₀s of 17.0 and 40.1 μ M, respectively. α -Amylase/ α -Glucosidase-IN-6 exhibits anti-hyperglycemic activities^[1].

REFERENCES

[1]. Phongphane L, et, al. Synthesis, biological evaluation, and molecular modelling of novel quinoxaline-isoxazole hybrid as anti-hyperglycemic. *Comput Biol Chem.* 2023 Oct;106:107938.

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