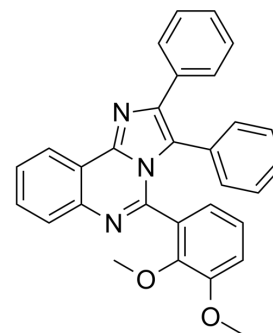


α -Glucosidase-IN-38

Cat. No.:	HY-155344
CAS No.:	2991427-89-3
Molecular Formula:	C ₃₀ H ₂₃ N ₃ O ₂
Molecular Weight:	457.52
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-38 (Compound 11j) is a potent inhibitor of α -glucosidase inhibitor with IC₅₀ of 12.44±0.38 μ M. α -Glucosidase-IN-38 plays an important role in Diabetes mellitus (DM)^[1].

REFERENCES

[1]. Fariba Peytam, et al. Imidazo[1,2-c]quinazolines as a novel and potent scaffold of α -glucosidase inhibitors: design, synthesis, biological evaluations, and in silico studies. Sci Rep. 2023 Sep 21;13(1):15672.

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

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