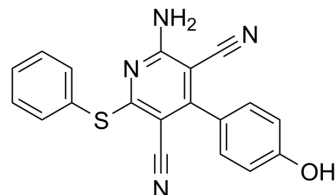


α -Glucosidase-IN-9

Cat. No.:	HY-147964
CAS No.:	735273-33-3
Molecular Formula:	C ₁₉ H ₁₂ N ₄ OS
Molecular Weight:	344.39
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-9 (compound 7) is a potent α -glucosidase inhibitor, with an IC ₅₀ of 55.6 μ M. α -Glucosidase-IN-9 can be used for type II diabetes research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 55.6 \pm 0.3 μ M (α -Glucosidase) ^[1]

REFERENCES

[1]. Ali M, et al. Synthesis, in vitro and in silico screening of 2-amino-4-aryl-6-(phenylthio) pyridine-3,5-dicarbonitriles as novel α -glucosidase inhibitors. Bioorg Chem. 2020 Jul;100:103879.

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

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