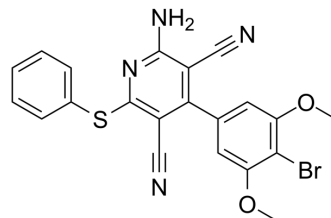


α -Glucosidase-IN-10

Cat. No.:	HY-147965
CAS No.:	2586282-68-8
Molecular Formula:	C ₂₁ H ₁₅ BrN ₄ O ₂ S
Molecular Weight:	467.34
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-10 (compound 13) is a potent α -glucosidase inhibitor, with an IC ₅₀ of 92.7 μ M. α -Glucosidase-IN-10 can be used for type II diabetes research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 92.7 \pm 0.7 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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