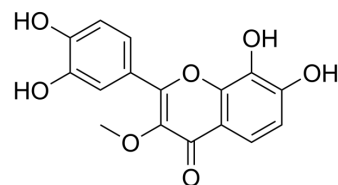


α -Glucosidase-IN-56

Cat. No.:	HY-N12689
CAS No.:	26788-86-3
Molecular Formula:	C ₁₆ H ₁₂ O ₇
Molecular Weight:	316.26
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-56 (compound 1) is an orally active, potent α -glucosidase inhibitor with an IC ₅₀ value of 45.86 μ M. α -Glucosidase-IN-56 has potent anti-glycation activities ^[1] .
IC ₅₀ & Target	IC ₅₀ : 45.86 μ M (α -glucosidase) ^[1]

REFERENCES

[1]. Tareq Abu-Izneid, et al. Discovery of new α -glucosides, antiglycation agent, and in silico study of 2-(3,4-dihydroxyphenyl)-7,8-dihydroxy-3-methoxy-4H-chromen-4-one isolated from Pistacia chinensis. Heliyon. 2024 Mar 5;10(5):e27298.

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

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