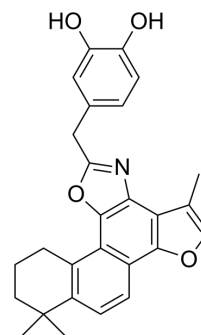


α -Glucosidase-IN-61

Cat. No.:	HY-161421
Molecular Formula:	C ₂₇ H ₂₅ NO ₄
Molecular Weight:	427.49
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-61 (Compd 1j), a competitive α -glucosidase inhibitor, demonstrates excellent inhibition with an IC₅₀ of 0.73 μ M. α -Glucosidase-IN-61 (Compd 1j) is used for the research of type 2 diabetes mellitus^[1].

REFERENCES

[1]. Mutita Kongphet, et al. Structural modification of tanshinone IIA and their α -glucosidase inhibitory activity. Bioorg Med Chem Lett. 2024 Jun 1:105:129736.

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

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