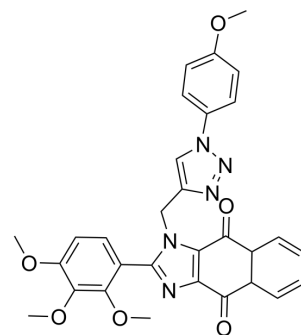


α -Amylase-IN-4

Cat. No.:	HY-149973
Molecular Formula:	C ₃₀ H ₂₇ N ₅ O ₆
Molecular Weight:	553.57
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

α -Amylase-IN-4 (Compd 10y) show maximum inhibition of amylase activity with IC₅₀ value 17.83 \pm 0.14 μ g/mL^[1].

REFERENCES

[1]. Meena Devi, et al. Design, synthesis, spectroscopic characterization, single crystal X-ray analysis, in vitro α -amylase inhibition assay, DPPH free radical evaluation and computational studies of naphtho[2,3-d]imidazole-4,9-dione appended 1,2,3-triazoles. Eur J Med Chem. 2023 Mar 15;250:115230.

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

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