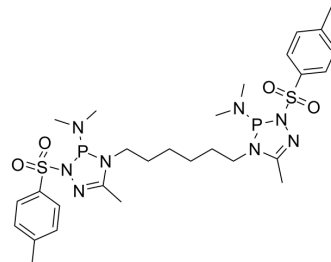


α -Amylase-IN-5

Cat. No.:	HY-157537
CAS No.:	2996821-90-8
Molecular Formula:	C ₂₈ H ₄₄ N ₈ O ₄ P ₂ S ₂
Molecular Weight:	682.78
Target:	Amylases
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	α -Amylase-IN-5 (compound 3a) is a α -amylase inhibitor, with an IC ₅₀ of 18.8 mM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 18.8 mM (α -amylase) ^[1] .

REFERENCES

[1]. Hamzaoui S, et, al. Design, synthesis and biological evaluation of new 1, ω -Bis-(5-alkyl-3-tosyl-1,3,4,2-triazaphospholino)alkanes as in vitro α -amylase and lipase inhibitors. Int J Biol Macromol. 2023 Dec 31;253(Pt 5):127195.

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

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