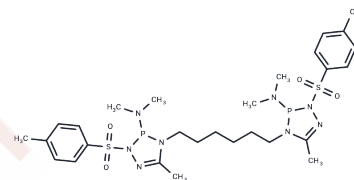


α -Amylase-IN-5

Chemical Properties

CAS No. : 2996821-90-8
 Formula: C₂₈H₄₄N₈O₄P₂S₂
 Molecular Weight: 682.78
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	α -Amylase-IN-5 (compound 3a) acts as an α -amylase inhibitor and exhibits an inhibition concentration (IC ₅₀) of 18.8 mM [1].
Targets(IC ₅₀)	Amylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4646 mL	7.323 mL	14.646 mL
5 mM	0.2929 mL	1.4646 mL	2.9292 mL
10 mM	0.1465 mL	0.7323 mL	1.4646 mL
50 mM	0.0293 mL	0.1465 mL	0.2929 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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