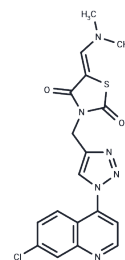


α -Amylase-IN-7

Chemical Properties

CAS No. :	3049575-16-5
Formula:	C ₁₈ H ₁₅ ClN ₆ O ₂ S
Molecular Weight:	414.87
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-7 (Compound 6e) is an inhibitor of α -Amylase, with an IC ₅₀ of 40 μ M, indicating its potency. This compound shows potential as an anti-diabetic medication.
Targets(IC ₅₀)	Amylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4104 mL	12.052 mL	24.1039 mL
5 mM	0.4821 mL	2.4104 mL	4.8208 mL
10 mM	0.241 mL	1.2052 mL	2.4104 mL
50 mM	0.0482 mL	0.241 mL	0.4821 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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