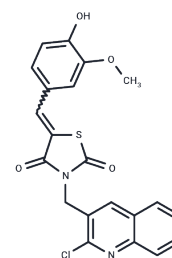


α -Amylase-IN-10

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3061941-94-1 |
| Formula: | C ₂₁ H ₁₅ ClN ₂ O ₄ S |
| Molecular Weight: | 426.873 |
| 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-10 (Compound 15n) is an inhibitor of α -Amylase, with an IC ₅₀ of 5.00 μ M. This compound is applicable for research in type 2 diabetes. |
| Targets(IC ₅₀) | Amylase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3426 mL | 11.7132 mL | 23.4263 mL |
| 5 mM | 0.4685 mL | 2.3426 mL | 4.6853 mL |
| 10 mM | 0.2343 mL | 1.1713 mL | 2.3426 mL |
| 50 mM | 0.0469 mL | 0.2343 mL | 0.4685 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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