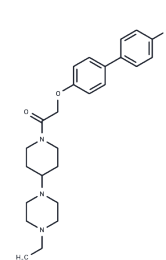


AL284

Chemical Properties

CAS No. : 2270876-07-6
 Formula: C₂₆H₃₅N₃O₃
 Molecular Weight: 437.57
 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 | AL284 is an effective inhibitor of the Anopheles gambiae acetylcholinesterase 1 (AgAChE1), showing potential for research into mosquito-borne diseases. This compound targets the enzyme that is crucial for the mosquito's neurological processes, providing a foundation for studying diseases transmitted by these insects. |
| Targets(IC50) | Cholinesterase (ChE) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2853 mL | 11.4267 mL | 22.8535 mL |
| 5 mM | 0.4571 mL | 2.2853 mL | 4.5707 mL |
| 10 mM | 0.2285 mL | 1.1427 mL | 2.2853 mL |
| 50 mM | 0.0457 mL | 0.2285 mL | 0.4571 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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