

Amilo-5MER

Chemical Properties

CAS No. : 1860001-61-1

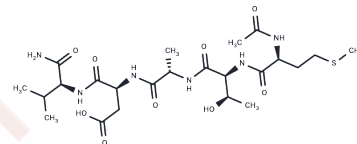
Formula: C₂₃H₄₀N₆O₉S

Molecular Weight: 576.664

Keep away from moisture

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

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|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Amilo-5MER (5-MP) is an orally active and selective inhibitor of serum amyloid A (SAA). It specifically suppresses the release of pro-inflammatory cytokines IL-6 and IL-1 β in SAA-activated cells. Amilo-5MER reduces chronic inflammation and alleviates symptoms of diseases such as rheumatoid arthritis (RA), inflammatory bowel disease (IBD), and multiple sclerosis (MS). It holds potential for research in autoimmune and chronic inflammatory diseases. |
| Targets(IC50) | Beta Amyloid, Interleukin |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7341 mL | 8.6706 mL | 17.3412 mL |
| 5 mM | 0.3468 mL | 1.7341 mL | 3.4682 mL |
| 10 mM | 0.1734 mL | 0.8671 mL | 1.7341 mL |
| 50 mM | 0.0347 mL | 0.1734 mL | 0.3468 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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