

Amilo-5MER sodium salt (1860001-61-1 Free base)

Chemical Properties

CAS No. :

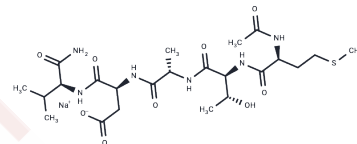
Formula: C₂₃H₃₉N₆NaO₉S

Molecular Weight: 598.65

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

Description	Amilo-5MER sodium salt (1860001-61-1, free base) is an orally active selective SAA inhibitor that suppresses the release of pro-inflammatory cytokines such as IL-6 and IL-1 β from cells stimulated by SAA, and is used to study SAA-mediated inflammatory responses.
Targets(IC50)	Beta Amyloid,IL Receptor,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6704 mL	8.3521 mL	16.7043 mL
5 mM	0.3341 mL	1.6704 mL	3.3409 mL
10 mM	0.167 mL	0.8352 mL	1.6704 mL
50 mM	0.0334 mL	0.167 mL	0.3341 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.

Reference

Hemed-Shaked M, et al. MTADV 5-MER peptide suppresses chronic inflammations as well as autoimmune pathologies and unveils a new potential target-Serum Amyloid A. J Autoimmun. 2021 Nov;124:102713.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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