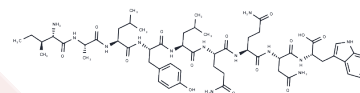


IALYLQQNW

Chemical Properties

CAS No. : 610268-80-9
 Formula: C55H81N13O14
 Molecular Weight: 1148.31
 Storage: Keep away from moisture
 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	IALYLQQNW is a specific nonapeptide sequence derived from the Epstein-Barr virus (EBV) encoded tumor-associated latent membrane protein 1 (LMP1). As a potential T-cell epitope, IALYLQQNW has the ability to activate EBV-specific cytotoxic T lymphocytes (CTLs), which can recognize and eliminate EBV-infected cells expressing LMP1. This peptide plays a vital role in the immune response against EBV-associated tumors and is utilized in research on Hodgkins disease and nasopharyngeal carcinoma.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8708 mL	4.3542 mL	8.7084 mL
5 mM	0.1742 mL	0.8708 mL	1.7417 mL
10 mM	0.0871 mL	0.4354 mL	0.8708 mL
50 mM	0.0174 mL	0.0871 mL	0.1742 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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