

PIYLGGVFQ

Chemical Properties

CAS No. :

Formula: C49H72N10O12

Molecular Weight: 993.16

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	PIYLGGVFQ is a TNF- α peptide inhibitor. It can suppress TNF- α -mediated apoptosis, nuclear translocation, and activation of NF- κ B. In a CIA mouse model, PIYLGGVFQ has demonstrated anti-arthritic activity.
Targets(IC50)	Apoptosis,NF- κ B,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0069 mL	5.0344 mL	10.0689 mL
5 mM	0.2014 mL	1.0069 mL	2.0138 mL
10 mM	0.1007 mL	0.5034 mL	1.0069 mL
50 mM	0.0201 mL	0.1007 mL	0.2014 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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