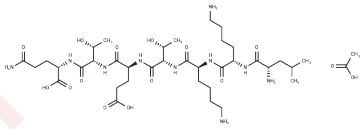
Data Sheet (Cat.No.T40570L)

TargetMol

LKKTETQ acetate

Chemical Properties



CAS No. :

Formula: C38H70N10O15

Molecular Weight: 907.02

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	LKKTETQ acetate is the active site in the protein thymosin β4 responsible for wound healing, actin binding and cell migration.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1025 mL	5.5126 mL	11.0251 mL
5 mM	0.2205 mL	1.1025 mL	2.205 mL
10 mM	0.1103 mL	0.5513 mL	1.1025 mL
50 mM	0.0221 mL	0.1103 mL	0.2205 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

Emmie N M Ho, et al. Doping control analysis of TB-500, a synthetic version of an active region of thymosin β_4, in equine urine and plasma by liquid chromatography-mass spectrometry. J Chromatogr A. 2012 Nov 23;1265:57-69.

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