

LKKTETQ

## Chemical Properties

CAS No. : 476014-70-7

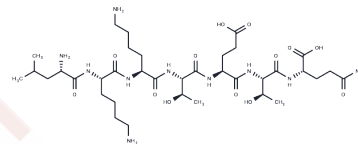
Formula: C<sub>36</sub>H<sub>66</sub>N<sub>10</sub>O<sub>13</sub>

Molecular Weight: 846.981

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	LKKTETQ, a peptide segment within thymosin $\beta$ 4, constitutes the protein's active site responsible for actin binding, cell migration, and wound healing.
Targets(IC50)	Arp2/3 Complex

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1807 mL	5.9033 mL	11.8067 mL
5 mM	0.2361 mL	1.1807 mL	2.3613 mL
10 mM	0.1181 mL	0.5903 mL	1.1807 mL
50 mM	0.0236 mL	0.1181 mL	0.2361 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  $\beta$ <sub>4</sub>, in equine urine and plasma by liquid chromatography-mass spectrometry. J Chromatogr A. 2012 Nov 23;1265:57-69.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481