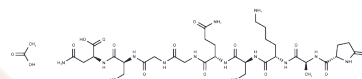


## Serum thymic factor acetate

## Chemical Properties

CAS No. :	125117-65-9
Formula:	C35H58N12O17
Molecular Weight:	918.91
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Serum thymic factor acetate (Thymulin acetate) is the acetylated form of Serum thymic factor. This zinc-dependent immunoregulatory peptide hormone is produced by thymic epithelial cells. It stimulates pituitary release hormones, exhibiting pro-pituitary activities. Serum thymic factor acetate protects rats from nephrotoxicity caused by Cephaloridine through the inhibition of ERK activation. Additionally, it possesses anti-diabetic, anti-inflammatory, and analgesic properties, making it useful in the research of endocrine, reproductive, neurodegenerative, and inflammatory diseases.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0882 mL	5.4412 mL	10.8825 mL
5 mM	0.2176 mL	1.0882 mL	2.1765 mL
10 mM	0.1088 mL	0.5441 mL	1.0882 mL
50 mM	0.0218 mL	0.1088 mL	0.2176 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481