

## me4 Peptide acetate

## Chemical Properties

CAS No. :

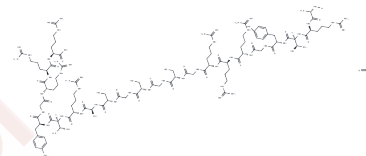
Formula: C101H174N46O32

Molecular Weight: 2544.79

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	me4 Peptide acetate is a synthetic peptide designed based on the microexon 4 (me4) sequence from the neuronal CPEB4 protein. It inhibits CPEB4 aggregation and may be used in research related to autism spectrum disorders and schizophrenia.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.393 mL	1.9648 mL	3.9296 mL
5 mM	0.0786 mL	0.393 mL	0.7859 mL
10 mM	0.0393 mL	0.1965 mL	0.393 mL
50 mM	0.0079 mL	0.0393 mL	0.0786 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

Garcia-Cabau C, et al. Mis-splicing of a neuronal microexon promotes CPEB4 aggregation in ASD. Nature. 2025 Jan;637(8045):496-503.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481