

AT 14 acetate

Chemical Properties

CAS No. :

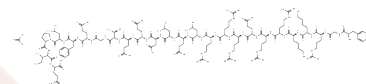
Formula: C139H234N48O41

Molecular Weight: 3233.64

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	TAT 14 acetate, a 14-mer peptide, is an Nrf2 activator with anti-inflammatory properties. TAT 14 acetate increases Nrf2 protein levels due to targeting the Nrf2 binding site on Keap1, but has no effect on Nrf2 mRNA expression.
Targets(IC50)	Nrf2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3092 mL	1.5462 mL	3.0925 mL
5 mM	0.0618 mL	0.3092 mL	0.6185 mL
10 mM	0.0309 mL	0.1546 mL	0.3092 mL
50 mM	0.0062 mL	0.0309 mL	0.0618 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

Richard Steel, et al. Anti-inflammatory Effect of a Cell-Penetrating Peptide Targeting the Nrf2/Keap1 Interaction. ACS Med Chem Lett. 2012 May 10;3(5):407-410.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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