

## TAT-14 TFA

## Chemical Properties

CAS No. :

Formula: C139H231F3N48O41

Molecular Weight: 3287.61

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 TFA is a 14-mer peptide functioning as an Nrf2 activator possessing anti-inflammatory properties. It does not alter Nrf2 mRNA expression but elevates Nrf2 protein levels by targeting the Nrf2 binding site on Keap1 [1].
Targets(IC50)	Nrf2

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3042 mL	1.5209 mL	3.0417 mL
5 mM	0.0608 mL	0.3042 mL	0.6083 mL
10 mM	0.0304 mL	0.1521 mL	0.3042 mL
50 mM	0.0061 mL	0.0304 mL	0.0608 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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