

## Calcineurin autoinhibitory peptide TFA

## Chemical Properties

CAS No. :

Formula: C126H206F3N39O41S2

Molecular Weight: 3044.34

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	Calcineurin Autoinhibitory Peptide TFA is a selective inhibitor of Ca <sup>2+</sup> /calmodulin-dependent protein phosphatase (calcineurin), exhibiting an inhibitory concentration (IC <sub>50</sub> ) of approximately 10 μM. This compound has been shown to protect neurons from excitatory neuronal death [1] [2].
Targets(IC <sub>50</sub> )	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3285 mL	1.6424 mL	3.2848 mL
5 mM	0.0657 mL	0.3285 mL	0.657 mL
10 mM	0.0328 mL	0.1642 mL	0.3285 mL
50 mM	0.0066 mL	0.0328 mL	0.0657 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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