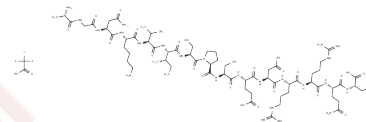


Protein kinase C  $\alpha$  peptide TFA

## Chemical Properties

CAS No. :	159939-84-1
Formula:	C <sub>68</sub> H <sub>115</sub> F <sub>3</sub> N <sub>24</sub> O <sub>26</sub> S
Molecular Weight:	1773.85
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	Protein Kinase C (alpha) Peptide (TFA) is a PKC- $\alpha$ -associated peptide functioning as a lipid-dependent serine/threonine protein kinase. It plays a pivotal role in regulating several cellular functions such as survival, proliferation, differentiation, migration, and adhesion [1].
Targets(IC50)	PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5637 mL	2.8187 mL	5.6375 mL
5 mM	0.1127 mL	0.5637 mL	1.1275 mL
10 mM	0.0564 mL	0.2819 mL	0.5637 mL
50 mM	0.0113 mL	0.0564 mL	0.1127 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.

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