

## Autocamtide 2 TFA(129198-88-5 free base)

## Chemical Properties

CAS No. :

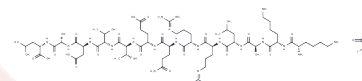
Formula: C67H119F3N22O22

Molecular Weight: 1641.79

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	Autocamtide 2 TFA is a highly selective peptide substrate of calcium/calmodulin-dependent protein kinase II (CaMKII). Autocamtide 2 TFA can be used in the CaMKII activity assay.
Targets(IC50)	CaMK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6091 mL	3.0455 mL	6.0909 mL
5 mM	0.1218 mL	0.6091 mL	1.2182 mL
10 mM	0.0609 mL	0.3045 mL	0.6091 mL
50 mM	0.0122 mL	0.0609 mL	0.1218 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

Wang Y Y , Zhao R , Zhe H . The emerging role of CaMKII in cancer[J]. Oncotarget, 2015, 6(14):11725-11734.

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