

Autocamtide-2-related inhibitory peptide TFA salt

Chemical Properties

CAS No. :

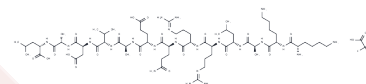
Formula: C66H117F3N22O21

Molecular Weight: 1611.77

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-related inhibitory peptide TFA salt is a highly specific and potent inhibitor of CaMKII with an IC50 of 40 nM.
Targets(IC50)	CaMK

Solubility Information

Solubility	DMSO: 5 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6204 mL	3.1022 mL	6.2044 mL
5 mM	0.1241 mL	0.6204 mL	1.2409 mL
10 mM	0.062 mL	0.3102 mL	0.6204 mL
50 mM	0.0124 mL	0.062 mL	0.1241 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

Ishida A, et al. A novel highly specific and potent inhibitor of calmodulin-dependent protein kinase II. Biochem Biophys Res Commun. 1995 Jul 26;212(3):806-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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