

Autocamtide-2-related inhibitory peptide, myristoylated TFA

Chemical Properties

CAS No. :

Formula: C78H142N22O20.C2HF3O2

Molecular Weight: 1822.12

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	Myristoylated Autocamtide-2-related inhibitory peptide, trifluoroacetic acid (TFA) form, is a potent and highly specific inhibitor of CaMKII, exhibiting an IC50 of 40 nM [1]. This compound constitutes the myristoylated variant of Autocamtide-2-related inhibitory peptide.
Targets(IC50)	CaMK, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5488 mL	2.7441 mL	5.4881 mL
5 mM	0.1098 mL	0.5488 mL	1.0976 mL
10 mM	0.0549 mL	0.2744 mL	0.5488 mL
50 mM	0.011 mL	0.0549 mL	0.1098 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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