

## Calmodulin-Dependent Protein Kinase II(290-309) acetate

## Chemical Properties

CAS No. :

Formula: C105H189N31O26S

Molecular Weight: 2333.88

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	Calmodulin-Dependent Protein Kinase II (290-309) acetate is a potent CaMK antagonist with an IC50 of 52 nM for the inhibition of Ca <sup>2+</sup> /calmodulin-dependent protein kinase II [1].
Targets(IC50)	CaMK, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4285 mL	2.1424 mL	4.2847 mL
5 mM	0.0857 mL	0.4285 mL	0.8569 mL
10 mM	0.0428 mL	0.2142 mL	0.4285 mL
50 mM	0.0086 mL	0.0428 mL	0.0857 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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