

[pThr3]-CDK5 Substrate TFA

Chemical Properties

CAS No. :

Formula: C55H101F3N15O17P

Molecular Weight: 1332.45

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	[pThr3]-CDK5 Substrate TFA, a potent Phospho-Thr3CDK5 Substrate, originates from the histone H1 peptide sequence that binds to CDK5's active site. This substrate undergoes phosphorylation by CDK5, demonstrating a K _m value of 6 μM [1].
Targets(IC50)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7505 mL	3.7525 mL	7.505 mL
5 mM	0.1501 mL	0.7505 mL	1.501 mL
10 mM	0.075 mL	0.3752 mL	0.7505 mL
50 mM	0.015 mL	0.075 mL	0.1501 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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