

[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 is an effective Phospho-Thr3CDK5 Substrate. [pThr3]-CDK5 Substrate is phosphorylated by CDK5 with a Km value of 6 μ M.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Reference

Beaudette KN, et al. Substrate specificity characterization of a cdc2-like protein kinase purified from bovine brain. J Biol Chem. 1993 Oct 5;268(28):20825-30.

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