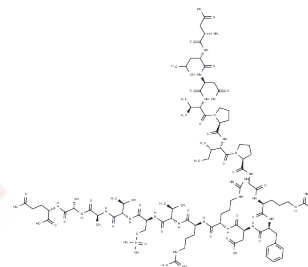


## PKA Regulatory Subunit II Substrate

## Chemical Properties

CAS No. :	103659-06-9
Formula:	C92H151N28O32P
Molecular Weight:	2192.32
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	PKA Regulatory Subunit II Substrate (R11 phosphopeptide) is a tool peptide derived from the regulatory subunit Type II (R11) of cyclic adenosine monophosphate-dependent protein kinase (PKA). It is commonly used to simulate the phosphorylation activity of protein kinases and to assess the activity of protein phosphatases by serving as a specific substrate.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4561 mL	2.2807 mL	4.5614 mL
5 mM	0.0912 mL	0.4561 mL	0.9123 mL
10 mM	0.0456 mL	0.2281 mL	0.4561 mL
50 mM	0.0091 mL	0.0456 mL	0.0912 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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