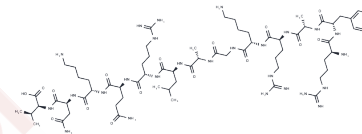


Protein Kinase C (19-31)

Chemical Properties

CAS No. :	121545-65-1
Formula:	C ₆₇ H ₁₁₈ N ₂₆ O ₁₆
Molecular Weight:	1543.82
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	Protein Kinase C (19-31), a peptide inhibitor derived from the pseudo-substrate regulatory domain of PKCa (residues 19-31) with a serine at position 25 replacing the wild-type alanine, is used as a substrate peptide for testing protein kinase C activity.
Targets(IC50)	PKC

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6477 mL	3.2387 mL	6.4774 mL
5 mM	0.1295 mL	0.6477 mL	1.2955 mL
10 mM	0.0648 mL	0.3239 mL	0.6477 mL
50 mM	0.013 mL	0.0648 mL	0.1295 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

Mellor H, et al. The extended protein kinase C superfamily. *Biochem J.* 1998 Jun 1;332 (Pt 2):281-92.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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