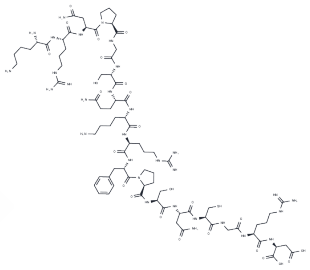
Data Sheet (Cat.No.TP1056)

TargetMol

Phosphorylase Kinase β-Subunit Fragment (420-436)

Chemical Properties



CAS No. : 150829-21-3

Formula: C79H131N31O25S

Molecular Weight: 1947.14

Storage: Keep away from moisture
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	Phosphorylase Kinase β-Subunit Fragment (420-436) is a peptide fragment (430-436) derived from the β-Subunit of phosphorylase kinase. Phosphorylase kinase, a serine/threonine-specific protein kinase, plays a crucial role in activating glycogen phosphorylase for the release of glucose-1-phosphate from glycogen [1].
Targets(IC50)	Serine Protease

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5136 mL	2.5679 mL	5.1357 mL
5 mM	0.1027 mL	0.5136 mL	1.0271 mL
10 mM	0.0514 mL	0.2568 mL	0.5136 mL
50 mM	0.0103 mL	0.0514 mL	0.1027 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

Fischer EH, et al. Phosphorylase and the origin of reversible protein phosphorylation. Biol Chem. 2010 Feb-Mar; 391(2-3):131-7.

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