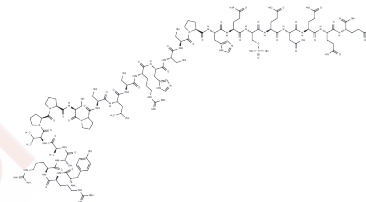


Phospho-Glycogen Synthase Peptide-2(substrate)

Chemical Properties

CAS No. :	851366-97-7
Formula:	C123H191N40O48P
Molecular Weight:	3029.087
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	Phospho-Glycogen Synthase Peptide-2, a substrate for glycogen synthase kinase-3 (GSK-3), serves as a peptide substrate effective in the affinity purification of protein-serine kinases.
Targets(IC50)	GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3301 mL	1.6507 mL	3.3013 mL
5 mM	0.066 mL	0.3301 mL	0.6603 mL
10 mM	0.033 mL	0.1651 mL	0.3301 mL
50 mM	0.0066 mL	0.033 mL	0.066 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

J R Woodgett, et al. Use of peptide substrates for affinity purification of protein-serine kinases. Anal Biochem. 1989 Aug 1;180(2):237-41.

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