

Self-assembling peptide pY1

Chemical Properties

CAS No. :

Formula: C104H125N24O29P

Molecular Weight: 2206.22

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	Self-assembling peptide pY1, which aggregates around cancer cells, specifically targets the EGFR receptor. When co-cultured with Ovalbumin (OVA), pY1 effectively inhibits the endocytosis of OVA.
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4533 mL	2.2663 mL	4.5326 mL
5 mM	0.0907 mL	0.4533 mL	0.9065 mL
10 mM	0.0453 mL	0.2266 mL	0.4533 mL
50 mM	0.0091 mL	0.0453 mL	0.0907 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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