

p21PBP

Chemical Properties

CAS No. :

Formula: C112H181N37O30S

Molecular Weight: 2557.93

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	p21PBP, a peptide composed of 20 amino acids, serves as an inhibitor of DNA replication. It specifically binds to the purified proliferating cell nuclear antigen (PCNA) found in extracts from tumor cells. p21PBP holds potential for use in cancer research.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3909 mL	1.9547 mL	3.9094 mL
5 mM	0.0782 mL	0.3909 mL	0.7819 mL
10 mM	0.0391 mL	0.1955 mL	0.3909 mL
50 mM	0.0078 mL	0.0391 mL	0.0782 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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