

PL120131

Chemical Properties

CAS No. :

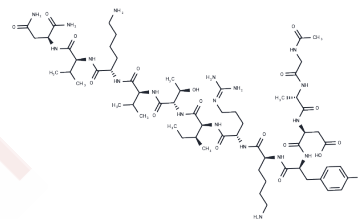
Formula: C62H105N19O18

Molecular Weight: 1404.61

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	PL120131 is a PD-1/PD-L1 inhibitory peptide that disrupts the interaction between PD-1 and PD-L1 by binding to PD-1. This compound can inhibit the apoptosis signaling pathway mediated by PD-1, thereby preventing apoptosis (apoptosis) in Jurkat cells and primary lymphocytes. Additionally, PL120131 supports cytotoxic T lymphocytes (CTL) in exhibiting antitumor activity.
Targets(IC50)	Apoptosis,PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7119 mL	3.5597 mL	7.1194 mL
5 mM	0.1424 mL	0.7119 mL	1.4239 mL
10 mM	0.0712 mL	0.356 mL	0.7119 mL
50 mM	0.0142 mL	0.0712 mL	0.1424 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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