

Human PD-L1 inhibitor V

Chemical Properties

CAS No. : 2815311-61-4

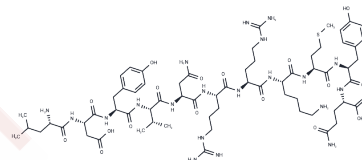
Formula: C₆₅H₁₀₄N₂₀O₁₈S

Molecular Weight: 1485.71

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	Human PD-L1 Inhibitor V is a peptide that binds to the human PD-1 protein with an affinity characterized by a dissociation constant (Kd) of 3.32 μ M, effectively inhibiting the hPD-1/hPD-L1 interaction [1].
Targets(IC50)	PD-1/PD-L1
In vitro	Human PD-L1 inhibitor V (Ar5M_2), a peptide, possesses anchor residues Y56, R113, A121, D122, and Y123 [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6731 mL	3.3654 mL	6.7308 mL
5 mM	0.1346 mL	0.6731 mL	1.3462 mL
10 mM	0.0673 mL	0.3365 mL	0.6731 mL
50 mM	0.0135 mL	0.0673 mL	0.1346 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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