

PD-1/PD-L1-IN-31

Chemical Properties

CAS No. :

Formula: C₂₄H₂₄ClFN₂O₃

Molecular Weight: 442.91

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	PD-1/PD-L1-IN-31 is a potent inhibitor of PD-1/PD-L1 (IC ₅₀ =2.2 nM) that enhances IFN- γ secretion and activates the immune response of peripheral blood mononuclear cells (PBMCs), leading to the inhibition of tumor cells [1].
Targets(IC ₅₀)	PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2578 mL	11.289 mL	22.578 mL
5 mM	0.4516 mL	2.2578 mL	4.5156 mL
10 mM	0.2258 mL	1.1289 mL	2.2578 mL
50 mM	0.0452 mL	0.2258 mL	0.4516 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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