

PD-1/PD-L1-IN-33

Chemical Properties

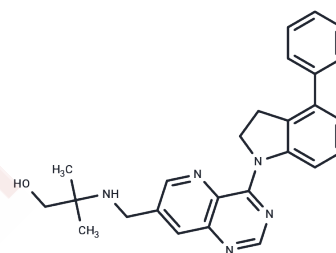
CAS No. : 2975602-78-7

Formula: C₂₆H₂₇N₅O

Molecular Weight: 425.53

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-33 (Compound N11), a PD-1/PD-L1 inhibitor with an IC ₅₀ of 6.3 nM, effectively impedes the interaction between PD-1 and PD-L1. It enhances T-cell proliferation, activation, and infiltration within tumor environments, thereby exhibiting immunomodulatory and anticancer properties [1].
Targets(IC ₅₀)	PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.350 mL	11.7501 mL	23.5001 mL
5 mM	0.470 mL	2.350 mL	4.700 mL
10 mM	0.235 mL	1.175 mL	2.350 mL
50 mM	0.047 mL	0.235 mL	0.470 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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