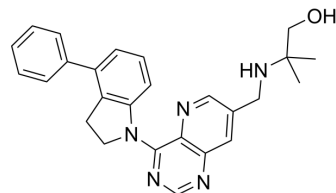


PD-1/PD-L1-IN-33

Cat. No.:	HY-155959		
CAS No.:	2975602-78-7		
Molecular Formula:	C ₂₆ H ₂₇ N ₅ O		
Molecular Weight:	425.53		
Target:	PD-1/PD-L1		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (235.00 mM; ultrasonic and warming and heat to 80°C)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		2.3500 mL	11.7501 mL	23.5001 mL
		5 mM		0.4700 mL	2.3500 mL	4.7000 mL
10 mM			0.2350 mL	1.1750 mL	2.3500 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (5.88 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	PD-1/PD-L1-IN-33 (Compound N11) is a PD-1/PD-L1 inhibitor. PD-1/PD-L1-IN-33 inhibits PD-1 and PD-L1 interaction with an IC ₅₀ : 6.3 nM. PD-1/PD-L1-IN-33 promotes T-cell proliferation, activation, and infiltration into tumor spheres. PD-1/PD-L1-IN-33 has immunomodulatory and anticancer activity ^[1] .
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REFERENCES

[1]. Yangyang Meng, et al. Novel 4-Arylindolines Containing a Pyrido[3,2-d]pyrimidine Moiety as the Programmed Cell Death-1/Programmed Cell Death-Ligand 1 Interaction Inhibitors for Tumor Immunotherapy. J. Med. Chem. 2023.

Caution: Product has not been fully validated for medical applications. For research use only.

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