

PD-1/PD-L1-IN-27

## Chemical Properties

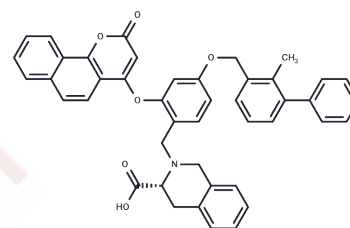
CAS No. : 2891831-47-1

Formula: C44H35NO6

Molecular Weight: 673.75

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-27 is a potent inhibitor of PD-1/PD-L1, with an IC <sub>50</sub> of 134 nM, and demonstrates antitumor effects with minimal T cell cytotoxicity. It activates CD8+ T cells and mitigates T cell exhaustion [1].
Targets(IC <sub>50</sub> )	PD-1/PD-L1
In vitro	Administering PD-1/PD-L1-IN-27 (compound MZ58) at concentrations of 2.5, 5, 10, and 50 μM for 48 hours shows antitumor activity with minimal cytotoxicity to T cells [1].
In vivo	PD-1/PD-L1-IN-27, administered intragastrically at dosages of 10 and 25 mg/kg, exhibits an antitumor effect [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4842 mL	7.4212 mL	14.8423 mL
5 mM	0.2968 mL	1.4842 mL	2.9685 mL
10 mM	0.1484 mL	0.7421 mL	1.4842 mL
50 mM	0.0297 mL	0.1484 mL	0.2968 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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