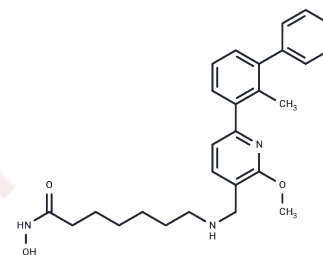


PD-L1/HDAC6-IN-1

Chemical Properties

CAS No. :	2834094-36-7
Formula:	C27H33N3O3
Molecular Weight:	447.569
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-L1/HDAC6-IN-1 (Compound HP29) is an inhibitor targeting both PD-L1 and HDAC6, effectively disrupting the PD-L1/PD-1 interaction and inhibiting HDAC6 activity, with IC50 values of 26.8 nM and 69 nM, respectively. This compound enhances the cytotoxicity of Jurkat T cells against HepG2 cells, exhibiting an IC50 of 3.4 μM. In rats, PD-L1/HDAC6-IN-1 demonstrates favorable pharmacokinetics, showing a drug exposure level of 871.62 ng·h/mL, and displays antitumor activity in a B16-F10 xenograft mouse model.
Targets(IC50)	HDAC,PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2343 mL	11.1714 mL	22.3429 mL
5 mM	0.4469 mL	2.2343 mL	4.4686 mL
10 mM	0.2234 mL	1.1171 mL	2.2343 mL
50 mM	0.0447 mL	0.2234 mL	0.4469 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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