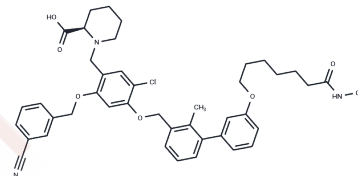


## PD-L1/HDAC-IN-1

## Chemical Properties

CAS No. :	2923313-69-1
Formula:	C <sub>42</sub> H <sub>46</sub> ClN <sub>3</sub> O <sub>7</sub>
Molecular Weight:	740.284
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/HDAC-IN-1 (Compound 14) is an inhibitor of PD-L1 and HDAC, effectively blocking PD-1/PD-L1 interaction as well as HDAC2 and HDAC3 with IC <sub>50</sub> values of 88.10, 27.98, and 14.47 nM, respectively. It exhibits mild cytotoxicity in MCF-7 cells (IC <sub>50</sub> =19.34 μM) and enhances the expression of PD-L1 and CXCL10, promoting antitumor immune responses by recruiting T cell infiltration into the tumor microenvironment (TME).
Targets(IC <sub>50</sub> )	HDAC,PD-1/PD-L1

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3508 mL	6.7542 mL	13.5084 mL
5 mM	0.2702 mL	1.3508 mL	2.7017 mL
10 mM	0.1351 mL	0.6754 mL	1.3508 mL
50 mM	0.027 mL	0.1351 mL	0.2702 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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