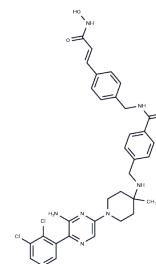


SHP2/HDAC-IN-1

Chemical Properties

CAS No. :	2831230-38-5
Formula:	C34H35Cl2N7O3
Molecular Weight:	660.59
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	SHP2/HDAC-IN-1, a dual allosteric inhibitor targeting SHP2 and HDAC, exhibits potent inhibitory effects with IC ₅₀ values of 20.4 nM (SHP2) and 25.3 nM (HDAC1), respectively. This compound activates T cells, enhances antigen presentation, and promotes cytokine secretion, facilitating efficient antitumor immunity. It holds potential for cancer immunotherapy research.
Targets(IC ₅₀)	Others,HDAC,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5138 mL	7.569 mL	15.138 mL
5 mM	0.3028 mL	1.5138 mL	3.0276 mL
10 mM	0.1514 mL	0.7569 mL	1.5138 mL
50 mM	0.0303 mL	0.1514 mL	0.3028 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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