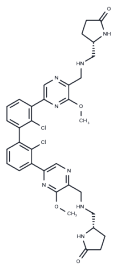
Data Sheet (Cat.No.T36487)

TargetMol

Evixapodlin

Chemical Properties



CAS No. : 2374856-75-2

Formula: C34H36Cl2N8O4

Molecular Weight: 691.61

Storage: Store at low temperature,Keep away from direct sunlight
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	Evixapodlin (PD-1/PD-L1-IN 7) is a human PD-1/PD-L1 protein/protein interaction inhibitor (IC50: 0.213).Evixapodlin has anticancer and antiviral activities.
Targets(IC50)	Antiviral,PD-1/PD-L1,HBV
In vitro	Evixapodlin exhibits an ability to increase the production of IFN-γ and Granzyme B in both CD8+ and CD4+ T cells in individuals with chronic hepatitis B (CHB). Additionally, Evixapodlin enhances the frequency of Granzyme B-positive cells among HBV-specific CD8+ and CD4+ T cells.[1]
In vivo	Evixapodlin (10-50 mg/kg; intraperitoneal injection, daily, for 6 days) treatment results in over 90% occupancy of the PD-L1 target on tumor cells. Evixapodlin effectively suppresses tumor growth in a mouse colorectal tumor model (MC38) that expresses human PD-L1.[1]

Solubility Information

Solubility	DMSO: 75 mg/mL (108.44 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (2.89 mM),Sonication is recommended. 10% DMSO+90% Saline: 7.5 mg/mL (10.84 mM),Suspension. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4459 mL	7.2295 mL	14.459 mL
5 mM	0.2892 mL	1.4459 mL	2.8918 mL
10 mM	0.1446 mL	0.723 mL	1.4459 mL
50 mM	0.0289 mL	0.1446 mL	0.2892 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.

Reference

Evangelos Aktoudianakis, et al. Pd-1/pd-l1 inhibitors. WO2019160882A1.