

Camrelizumab

Chemical Properties

CAS No. : 1798286-48-2

Formula:

Molecular Weight: 143.69 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Camrelizumab

Biological Description

Description	Camrelizumab (SHR-1210) is a human IgG4-κ monoclonal antibody with high affinity directed against PD-1, binding PD-1 with an affinity of up to 3 nM and inhibiting PD-1/PD-L1 with an IC50 of 0.70 nM. Camrelizumab exhibits anti-tumor activity and is well tolerated in cancers, including NSC-LC, ESCC, Hodgkin's lymphoma, and advanced HCC.
Targets(IC50)	PD-1/PD-L1
In vitro	In a T cell proliferation assay using tuberculin treated peripheral blood mononuclear cells, Camrelizumab induces a T cell proliferation at an EC50 of 0.11 nM. In a similar assay measuring IFN-gamma secretion, Camrelizumab induces IFN-gamma production at an EC50 of 0.38 nM.[2]
In vivo	Camrelizumab (3 mg/kg) administered in combination with apatinib (200 and 100 mg/kg) demonstrated tumor inhibition rates of 63.1% and 87.3%, respectively, in human PD-1 transgenic mice.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.007 mL	0.0348 mL	0.0696 mL
5 mM	0.0014 mL	0.007 mL	0.0139 mL
10 mM	0.0007 mL	0.0035 mL	0.007 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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

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