

Latikafusp

Chemical Properties

CAS No. : 2552814-07-8

Formula:

Molecular Weight: 159.55 kDa

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Latikafusp (AMG 256) is a fusion protein that is a PD-1 blocker and IL-21R agonist with antitumor activity. Latikafusp initiates and prolongs cytotoxicity and memory T-cell activity and induces the generation of immunogenicity-mediated responses.
Targets(IC50)	PD-1/PD-L1
In vivo	In cynomolgus monkeys, Latikafusp elicited strong immunogenic and hypersensitivity responses when administered intravenously at a dose of 5 mg/kg on days 1 and 15. Latikafusp was able to activate the classical and alternative complement pathways when administered intravenously at doses of 10 mg/kg and 30 mg/kg once a week for three weeks. In addition, cynomolgus monkeys in all dose groups exhibited strong antibody responses when Latikafusp was administered intravenously at 10 mg/kg and 30 mg/kg once a week over a three-week period, suggesting that the drug is highly immunogenic.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0063 mL	0.0313 mL	0.0627 mL
5 mM	0.0013 mL	0.0063 mL	0.0125 mL
10 mM	0.0006 mL	0.0031 mL	0.0063 mL
50 mM	0.0001 mL	0.0006 mL	0.0013 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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