

Ulenistamab

Chemical Properties

CAS No. : 2415259-90-2

Formula:

Molecular Weight: 147.63 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Ulenistamab (PBP1510) is a first-in-class humanised IgG1 monoclonal antibody that specifically targets pancreatic adenocarcinoma upregulated factor (PAUF), Ulenistamab is extensively used in pancreatic cancer research to investigate PAUF-driven tumor progression, tumor microenvironment modulation, and antibody-based therapeutic strategies for pancreatic adenocarcinoma.
Targets(IC50)	Others
In vitro	In preclinical studies using human pancreatic cancer (PC) cell lines CFPAC-1 and BxPC-3, Ulenistamab treatment inhibited cell proliferation. The antibody reduced the metastatic potential of these cells by suppressing their migration and invasion capabilities [1].
In vivo	The pharmacokinetic (PK) profiles and immunogenicity of Ulenistamab (PBP1510) (up to 20 mg/kg) were examined in a single-dose study involving 6 monkeys. Systemic exposure in the monkey study was observed to increase in a dose-proportional manner at both low and high doses [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0339 mL	0.0677 mL
5 mM	0.0014 mL	0.0068 mL	0.0135 mL
10 mM	0.0007 mL	0.0034 mL	0.0068 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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