

Opucolimab

Chemical Properties

CAS No. : 2251771-79-4

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Opucolimab represents a highly specialized humanized monoclonal antibody specifically engineered to target the human Claudin 18.2 protein with exceptional binding affinity and selectivity, effectively facilitating the measurable detection and neutralization of target-positive malignant cells across various preclinical experimental models to evaluate the efficacy of antibody-drug conjugates during strictly monitored laboratory observation periods and molecular investigations to ensure experimental accuracy.
Targets(IC50)	Others
In vitro	In functional assays using CLDN18.2-expressing gastric cancer cell lines, Opucolimab (as an ADC) induced rapid endocytosis and demonstrated cytotoxic activity with IC50 values of 0.01-0.5 nM [1].
In vivo	In human gastric cancer CDX and PDX mouse models, systemic administration of Opucolimab significantly suppressed tumor growth and induced tumor regression at low doses [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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