

## Lodapolimab

## Chemical Properties

CAS No. : 2118349-31-6

Formula:

Molecular Weight:

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

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Lodapolimab (LY3321336) represents a highly specialized humanized monoclonal antibody specifically engineered to target the Gastric Inhibitory Polypeptide Receptor (GIPR) with exceptional binding affinity. As a GIPR antagonist, it effectively facilitates the measurable blockade of GIP-mediated signaling across various preclinical experimental models to evaluate the regulation of systemic energy homeostasis and lipid metabolism during strictly monitored laboratory observation periods and functional metabolic assays.
Targets(IC50)	Others
In vitro	In GIPR-expressing cell assays, Lodapolimab exhibited high binding affinity and dose-dependently inhibited GIP-induced cAMP accumulation [1].
In vivo	In obese rodent and primate models, systemic administration of Lodapolimab significantly reduced body weight and improved glycemic profiles [1].

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481