

## Ubamatamab

## Chemical Properties

CAS No. : 2305629-50-7

Formula:

Molecular Weight: 144.64 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Ubamatamab represents a highly specialized bispecific T-cell engaging antibody specifically engineered to bridge the structural gap between MUC16-expressing malignant ovarian cancer cells and cytotoxic T-lymphocytes by maintaining stable engagement with the CD3 receptor complex to evaluate the induction of tumor-specific immune responses across various preclinical experimental models in specialized oncology research environments.
In vitro	In T-cell engagement assays using ovarian cancer cell lines, Ubamatamab (REGN4018) facilitated cytolytic synapse formation with MUC16-expressing tumor cells, leading to target cell lysis [1].
In vivo	In MUC16-expressing human tumor xenograft models, systemic administration of Ubamatamab (REGN4018) resulted in significant tumor regression and durable antitumor immunity [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0691 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 mL
10 mM	0.0007 mL	0.0035 mL	0.0069 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.

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481