

Product Data Sheet

Product Name: Relatlimab

Cat. No.: GC66381

Chemical Properties

Cas. No. 1673516-98-7

Formula M.Wt

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Relatlimab

Background

Relatlimab (BMS-986016) is a human monoclonal antibody **anti-LAG-3** antibody generated by immunization of transgenic mice bearing human immunoglobulin miniloci with recombinant LAG-3 protein. Relatlimab blocks LAG-3/MHC II interaction with an **IC₅₀** value of 0.67 nM and LAG-3/FGL1 interaction with an **IC₅₀** value of 0.019 nM. Relatlimab can be used in research of cancer [1].

Relatlimab (BMS-986016; 0.001-100 nM) recognizes native LAG-3 and binds to primary activated

Caution: Product has not been fully validated for medical applications. For research use only.

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human and cynomolgus CD4⁺ T cells with EC₅₀ values of 0.11 nM and 29.11 nM, respectively^[1]. Relatlimab (0.001-10000 nM; T cells (3A9-hLAG-3)) enhances peptide responsiveness of T-cell hybridoma 3A9-hLAG-3 and reversals LAG-3-mediated inhibition of T-cell hybridoma 3A9-hLAG-3 with an IC₅₀ value of 1.05 nM^[1].

Relatlimab (0.001-10000 nM; primary T cells) enhances activation of superantigen-stimulated human PBMC cultures and enhances IL-2 secretion^[1].

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