Product Data Sheet

Product Name: Amivantamab
Cat. No.: GC67749

Chemical Properties

Cas. No.	2171511-58-1	
Formula	M.Wt	
Solubility	Storage	Store at -20°C for 1 years.
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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	Amivantamab	

Background

Amivantamab (JNJ-61186372) is a human **EGFR-MET** bispecific antibody with immune anticancer activity. Amivantamab inhibits ligand binding, promotes endocytosis and degradation of receptor-antibody complexes, and induces Fc-dependent cytokinesis in macrophages and antibody-dependent cytotoxicity in natural killer cells[1].

Amivantamab (JNJ-61186372)(0.05-1 mg/mL) □□ Ba/F3 □□□□□□□□□□□□□□□□EGFR □□□□□□□□□ EGFR (pEGFR)□□□□ AKT (pAKT)□□□□ ERK (pERK) □□□□ S6 (pS6) □□□□□[2]□

Amivantamab (JNJ-61186372) (i.p, 30 mg/kg, twice a week, 15 days) □□□□□□□□□□ BALB-c/nu □□□□□□□□□□□□□□□□[2]□

[1]. Keunchil Park, et al. Amivantamab in EGFR Exon 20 Insertion-Mutated Non-Small-Cell Lung Cancer Progressing on Platinum Chemotherapy: Initial Results From the CHRYSALIS Phase I Study. J Clin Oncol. 2021 Oct 20;39(30):3391-3402.
[2]. Jiyeon Yun, et al. Antitumor Activity of Amivantamab (JNJ-61186372), an EGFR-MET Bispecific Antibody, in Diverse Models ofEGFRExon 20 Insertion-Driven NSCLC. Cancer Discov. 2020 Aug;10(8):1194-1209.

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