

Anbenitamab

Cat. No.:	HY-P99437
CAS No.:	2367012-88-0
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Anbenitamab (KN-026) is a bispecific antibody simultaneously targeting the extracellular domains II and IV of the human HER2. Anbenitamab blocks both ligand-dependent and ligand-independent HER2 signaling pathway. The IgG1 Fc fragment of Anbenitamab binds FcRγIIIa mediates potent antibody dependent cell-mediated cytotoxicity (ADCC) and inhibits tumor cell proliferation. Anbenitamab has the potential for HER2-positive metastatic breast cancer (MBC) research ^{[1][2]} .
IC ₅₀ & Target	Human HER2

REFERENCES

- [1]. Dongmei Ji, et al. Abstract 3022: Using translational tumor growth inhibition modeling approach and population PK analysis to predict efficacious doses for KN026, a HER2 bispecific antibody. *Cancer Res* (2020) 80 (16_Supplement): 3022.
- [2]. Jian Zhang, et al. First-in-human HER2-targeted Bispecific Antibody KN026 for the Treatment of Patients with HER2-positive Metastatic Breast Cancer: Results from a Phase I Study. *Clin Cancer Res*. 2022 Feb 15;28(4):618-628.

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

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