

Mosunetuzumab

Cat. No.:	HY-P99033
CAS No.:	1905409-39-3
Target:	CD20; CD3
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Mosunetuzumab (BTCT-4465A) is a full-length, fully humanized immunoglobulin G1 (IgG1) T-cell-dependent bispecific (TDB) antibody targeting CD20 (B cells) and CD3 (T cells). Mosunetuzumab redirects T cells to engage and eliminate malignant B cells and can be used for the research of relapsed or refractory (R/R) B-cell non-Hodgkin lymphomas (B-NHLs) ^{[1][2]} .
In Vitro	Mosunetuzumab has two arms. One arm binds specifically to CD3 on T-cells and the other to CD20 present on normal and neoplastic B-cells. Simultaneous binding of both arms to their respective targets facilitates T-cell-mediated killing of CD20+ B-cells ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lihua E Budde, et al. Single-Agent Mosunetuzumab Shows Durable Complete Responses in Patients With Relapsed or Refractory B-Cell Lymphomas: Phase I Dose-Escalation Study. J Clin Oncol. 2022 Feb 10;40(5):481-491.
- [2]. Gregory Z Ferl, et al. A Preclinical Population Pharmacokinetic Model for Anti-CD20/CD3 T-Cell-Dependent Bispecific Antibodies. Clin Transl Sci. 2018 May;11(3):296-304.

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

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