

Ordesekimab

Cat. No.:	HY-P99410
CAS No.:	879293-15-9
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Ordesekimab (AMG 714; PRV-015) is a fully human IgG1κ anti-IL-15 (Interleukin Related) monoclonal antibody. The binding of Ordesekimab to IL-15 inhibits the interaction of IL-15 with the IL-2Rβ and common γ chain of the IL-15 receptor complex, but not with the IL-15Rα chain. Ordesekimab has the potential for study of nonresponsive celiac disease (NRCD) ^[1] .
IC₅₀ & Target	IL-15
In Vitro	The simultaneous binding of Ordesekimab (AMG 714) to the Fcγ receptor (R) IIIα expressed on natural killer (NK) cells and to the IL-15/IL-15Rα complex on cells such as monocytes may theoretically enable antibody-dependent cell-mediated cytotoxicity (ADCC) toward the IL-15Rα-expressing cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yu-Ling Wei, et al. Strategies to evaluate potential effector function of glycan variants: a case study of ordesekimab (AMG 714 or PRV-015). J Immunotoxicol. 2022 Dec;19(1):109-116.

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

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