

Polzastobart

Cat. No.:	HY-P990061
CAS No.:	2640981-19-5
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Polzastobart (JTX-8064) is a humanized IgG4 monoclonal antagonist antibody that selectively binds LILRB2 and prevents it from binding its ligands, classical and non-classical MHC I molecules. Polzastobart enhances pro-inflammatory cytokine production in macrophages by blocking the ability of LILRB2 to bind HLA-A/B and/or HLA-G, a marker of immunotolerance on cancer cells. Polzastobart is a macrophage immune checkpoint inhibitor ^[1] .
IC ₅₀ & Target	LILRB2

REFERENCES

[1]. Kyriakos P. Papadopoulos, et al. Phase 1, first-in-human trial of JTX-8064, an anti-LILRB2/ILT4 monoclonal antibody, as monotherapy and in combination with anti-PD-1 in adult patients with advanced solid tumors (INNATE).

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

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