

Empasiprubart

Cat. No.:	HY-P990025
CAS No.:	2579031-19-7
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Empasiprubart (ARGX-117) a humanized inhibitory monoclonal antibody against complement C2. Empasiprubart prevents the formation of the C3 proconvertase and inhibits classical and lectin pathway activation upstream of C3 activation through binding to the Sushi-2 domain of C2. Empasiprubart exhibits pH- and calcium-dependent target binding. Empasiprubart prevents complement-mediated cytotoxicity in in vitro models for autoimmune hemolytic anemia and antibody-mediated rejection of organ transplants^[1].

REFERENCES

[1]. Inge Van de Walle, et al. ARGX-117, a therapeutic complement inhibiting antibody targeting C2. J Allergy Clin Immunol. 2021 Apr;147(4):1420-1429.e7.

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

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