

Emapticap pegol sodium

Cat. No.:	HY-148100A
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Emapticap pegol (sodium)

BIOLOGICAL ACTIVITY

Description

Emapticap pegol sodium is a inhibitor of pro-inflammatory chemokine C-C motif-ligand 2 (CCL2). Emapticap pegol sodium is a 40-nucleotide oligonucleotide aptamer, displays different Spiegelmers (L-RNA aptamer) isform in human (NOX-E36) and mouse (mNOX-E36)^{[1][2][3]}.

REFERENCES

- [1]. Menne J, et al. C-C motif-ligand 2 inhibition with emapticap pegol (NOX-E36) in type 2 diabetic patients with albuminuria. *Nephrol Dial Transplant*. 2017 Feb 1;32(2):307-315.
- [2]. Rodrigo, et al. Effects of CCL2/CCR2 Blockade in Acute Myeloid Leukemia. *Blood*.
- [3]. Boels MGS, et al. Systemic Monocyte Chemotactic Protein-1 Inhibition Modifies Renal Macrophages and Restores Glomerular Endothelial Glycocalyx and Barrier Function in Diabetic Nephropathy. *Am J Pathol*. 2017 Nov;187(11):2430-2440.

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

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