

Egaptivon pegol sodium

Cat. No.:	HY-147079A
Molecular Formula:	$C_{413}H_{506}N_{144}Na_{40}O_{275}P_{40}S(C_2H_4O)_n$
Molecular Weight:	54845.9
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Egaptivon pegol (sodium)

BIOLOGICAL ACTIVITY

Description

Egaptivon pegol sodium is an aptamer, which blocks binding of the von Willebrand Factor (VWF) to platelet GPIb receptors. Egaptivon pegol sodium has anti-thrombotic efficacy.

REFERENCES

- [1]. Avdonin PP, Trufanov SK, Rybakova EY, Tsitrina AA, Goncharov NV, Avdonin PV. The Use of Fluorescently Labeled ARC1779 Aptamer for Assessing the Effect of H₂O₂ on von Willebrand Factor Exocytosis. *Biochemistry (Mosc)*. 2021;86(2):123-131.
- [2]. Jilma-Stohlawetz P, Gorczyca ME, Jilma B, Siller-Matula J, Gilbert JC, Knöbl P. Inhibition of von Willebrand factor by ARC1779 in patients with acute thrombotic thrombocytopenic purpura. *Thromb Haemost*. 2011;105(3):545-552.
- [3]. Spiel AO, Mayr FB, Ladani N, et al. The aptamer ARC1779 is a potent and specific inhibitor of von Willebrand Factor mediated ex vivo platelet function in acute myocardial infarction. *Platelets*. 2009;20(5):334-340.

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

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