

Product Data Sheet

Product Name: Egaptivon pegol sodium

Cat. No.: GC70986

Chemical Properties

Cas. No.

Formula $C_{413}H_{506}N_{144}Na_{40}O_{275}P_{40}S(C_2H_4O)_n$ M.Wt 54845.9

Solubility Storage -20°C, sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Egaptivon pegol (sodium)

Background

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

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

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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.

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