

## Anivamersen sodium

## Chemical Properties

CAS No. :	959716-31-5
Formula:	C157H194N56Na14O103P14
Molecular Weight:	5269.1
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Anivamersen sodium, a complementary sequence reversal oligonucleotide, serves as an RNA aptamer designed to reverse the anticoagulant effect of the parenteral factor IXa inhibitor pegnivacogin. Together, pegnivacogin—a coagulation factor IXa inhibiting RNA aptamer—and anivamersen comprise REG1, a novel anticoagulation system.
Targets(IC50)	Factor Xa

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1898 mL	0.9489 mL	1.8979 mL
5 mM	0.038 mL	0.1898 mL	0.3796 mL
10 mM	0.019 mL	0.0949 mL	0.1898 mL
50 mM	0.0038 mL	0.019 mL	0.038 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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