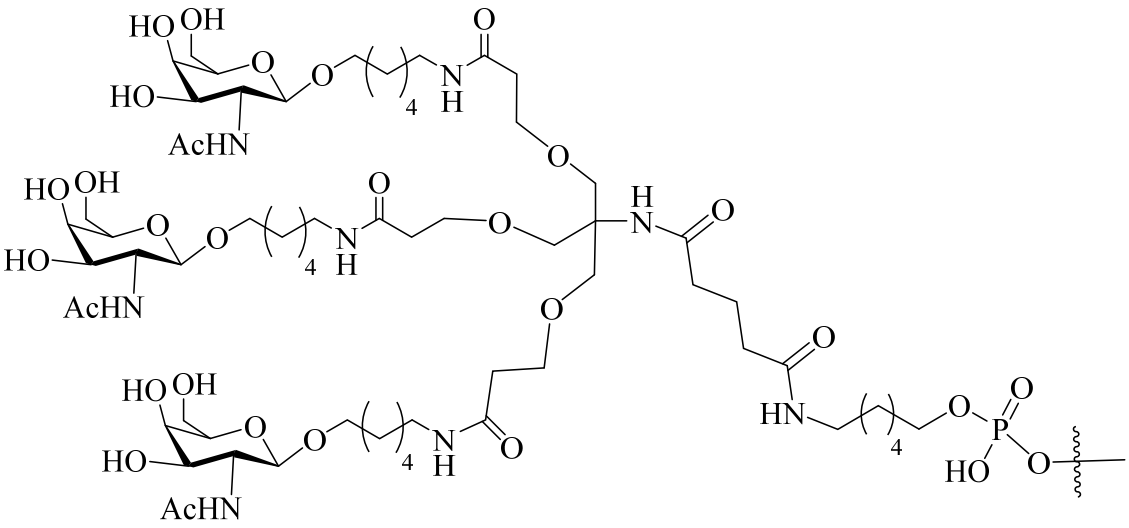
Embodiment 4. An oligomeric compound comprising a modified oligonucleotide according to the following formula:

(THA-GalNAc$_3$)o Aes mCeo Geo Geo mCeo Ads Tds Tds Gds Gds Tds Gds mCds Ads mCds Aeo Geo Tes Tes Te (SEQ ID NO: 3); wherein, (THA-GalNAc3)o is represented by the following structure:



and wherein,

A = an adenine nucleobase,

mC = a 5'-methyl cytosine nucleobase,

G = a guanine nucleobase,

T = a thymine nucleobase,

e = a 2'- $OCH_2CH_2OCH_3$ ribosyl sugar moiety~~MOE modified sugar~~,

d = a 2'-deoxyribosyl~~e~~ sugar moiety,

s = a phosphorothioate internucleoside linkage, and

o = a phosphodiester internucleoside linkage;

or a salt thereof.

Embodiment 5. The oligomeric compound of any one of embodiments 1, 3 or 5, which is a sodium salt.

Embodiment 6. A chirally enriched population of the oligomeric compound of any of embodiments 1-5 wherein the population is enriched for oligomeric compounds having a modified oligonucleotide comprising at least one particular phosphorothioate internucleoside linkage having a particular stereochemical configuration.

Embodiment 7. The chirally enriched population of embodiment 6, wherein the population is enriched for oligomeric compounds having a modified oligonucleotide comprising at least one particular phosphorothioate internucleoside linkage having the (Sp) configuration.

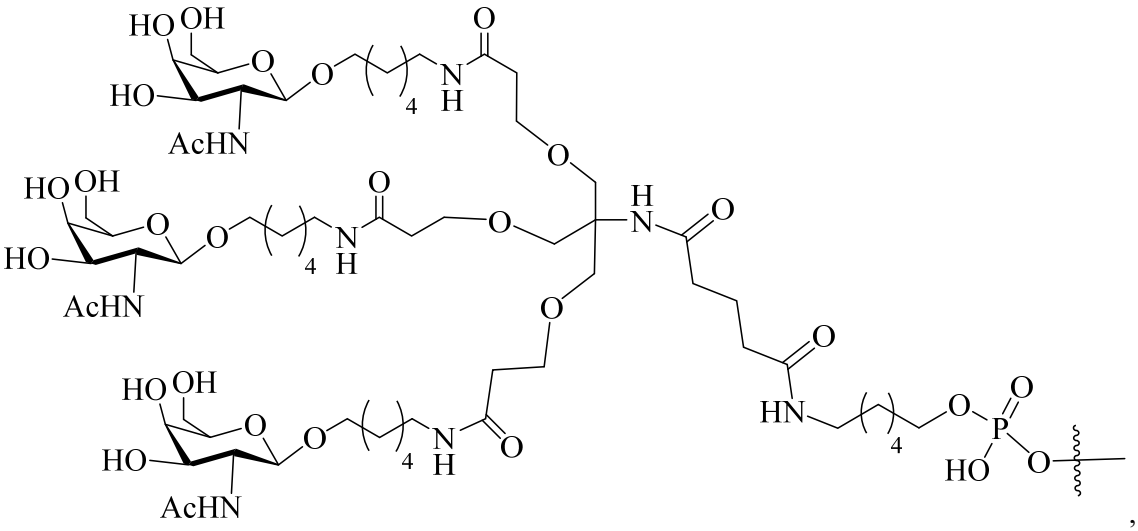
53%, 54%, 55%, 56%, 57%, 58%, 59%, 60%, 61%, 62%, 63%, 64%, 65%, 66%, 67%, 68%, 69%, 70%, 71%, 72%, 73%, 74%, 75%, 76%, 77%, 78%, 79%, 80%, 81%, 82%, 83%, 84%, 85%, 86%, 87%, 88%, 89%, 90%, 91%, 92%, 93%, 94%, 95%, 96%, 97%, 98%, 99%, or 100%.

In certain embodiments, pharmaceutical compositions and methods described herein are efficacious because they improve a cardiovascular outcome in an animal. In certain embodiments, pharmaceutical compositions and methods improve a cardiovascular outcome in a population treated with a pharmaceutical composition disclosed herein and/or according to a method disclosed herein relative to a population that is not treated with the pharmaceutical composition and/or according to the method. In certain embodiments, the improved cardiovascular outcome is a reduction of the risk of developing a thromboembolic condition. In certain embodiments, the improved cardiovascular outcome is a reduction in the occurrence of one or more major cardiovascular events. Cardiovascular events include, but are not limited to, death, myocardial infarction, reinfarction, stroke, cardiogenic shock, pulmonary edema, cardiac arrest, and atrial dysrhythmia. In certain embodiments, the cardiovascular event is an ischemic stroke. In certain embodiments, the cardiovascular event is a peripheral arterial ischemic event, *e.g.*, amputation ischemia or limb ischemia. In certain embodiments, the improved cardiovascular outcome is evidenced by improved carotid intimal media thickness. In certain embodiments, improved carotid intimal media thickness is a decrease in thickness. In certain such embodiments, improved carotid intimal media thickness is a prevention an increase of intimal media thickness.

XII. Certain Comparator Compositions

In certain embodiments, Compound No: 416858, a 5-10-5 MOE gapmer, having a sequence of (from 5' to 3') ACGGCATTGGTGCACAGTTT (incorporated herein as SEQ ID NO: 3), wherein each internucleoside linkage is a phosphorothioate internucleoside linkage, each cytosine is a 5'-methyl cytosine, and each of nucleosides 1-5 and 16-20 (from 5' to 3') comprise a 2'-MOE modified sugar, which was previously described in WO 2010/045509, incorporated herein by reference, is a comparator compound. Compound No. 416858 was selected as a comparator compound because it was selected for clinical development and was confirmed to be tolerable in phase 1 clinical trials, and is currently in phase 2 clinicals. See, e.g., BETHUNE, et al, "Pharmacokinetics and Pharmacodynamics of Ionis-FXI_{Rx}, an Antisense Inhibitor of Factor XI, in Patients with End-Stage Renal Disease on Hemodialysis," *Blood* (2017)130:1116; BÜLLER, et al, "Factor XI antisense oligonucleotide for prevention of venous thrombosis." *N Engl J Med* (2015) 372(3): 232-240 and LIU, et al, "ISIS-FXI_{Rx}, A Novel and Specific Antisense Inhibitor of Factor XI, Caused Significant Reduction in FXI Antigen and Activity and Increased aPTT without Causing Bleeding in Healthy Volunteers" *Blood* (2011)118:209.

In certain embodiments, Compound No. 957943 described herein, is superior relative to Compound No. 416858 because it demonstrates one or more improved properties, such as, potency and tolerability. Compound No. 957943 may be dosed at lower amounts than Compound No. 416858. Compound No.

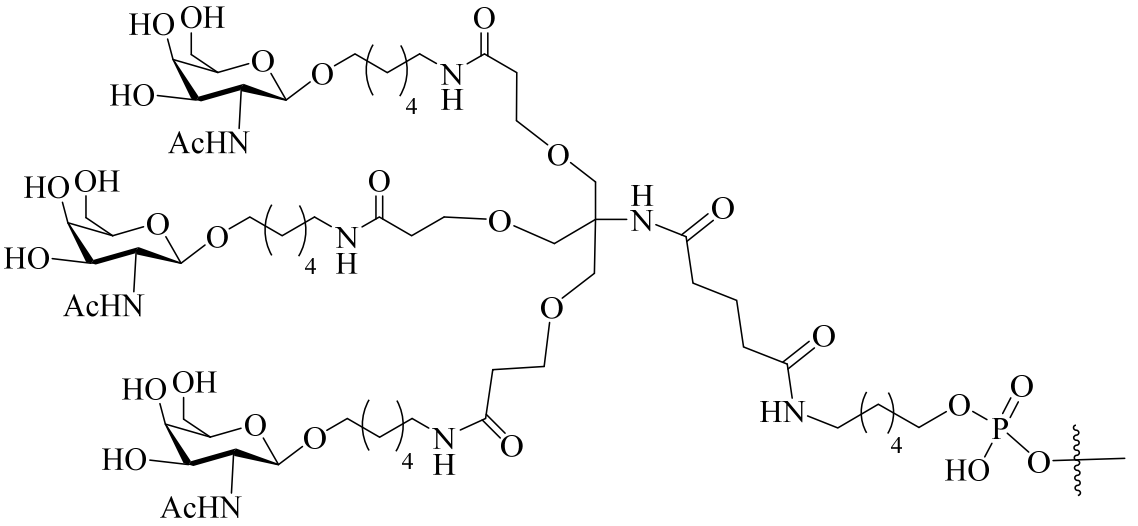


,

and wherein the modified oligonucleotide is a 5-10-5 MOE gapmer, having a sequence of (from 5' to 3') ACGGCATTGGTGCACAGTTT (incorporated herein as SEQ ID NO: 3), wherein each of nucleosides 1-5 and 16-20 (from 5' to 3') comprise a 2'-MOE modification and each of nucleosides 6-15 are 2'-deoxynucleosides, wherein the internucleoside linkages between nucleosides 2 to 3, 3 to 4, 4 to 5, 5 to 6, 16 to 17, and 17 to 18 are phosphodiester internucleoside linkages and the internucleoside linkages between nucleosides 1 to 2, 6 to 7, 7 to 8, 8 to 9, 9 to 10, 10 to 11, 11 to 12, 12 to 13, 13 to 14, 14 to 15, 15 to 16, 18 to 19, and 19 to 20 are phosphorothioate internucleoside linkages, and wherein each cytosine is a 5'-methyl cytosine.

In certain embodiments, Compound No. 957943 is characterized by the following chemical notation: (THA-GalNAc$_3$)o Aes mCeo Geo Geo mCeo Ads Tds Tds Gds Gds Tds Gds mCds Ads mCds Aeo Geo Tes Tes Te; wherein,

(THA-GalNAc3)o is represented by the following structure:



and wherein,

A = an adenine nucleobase,

mC = a 5~~'~~-methyl cytosine nucleobase,

G = a guanine nucleobase,

T = a thymine nucleobase,

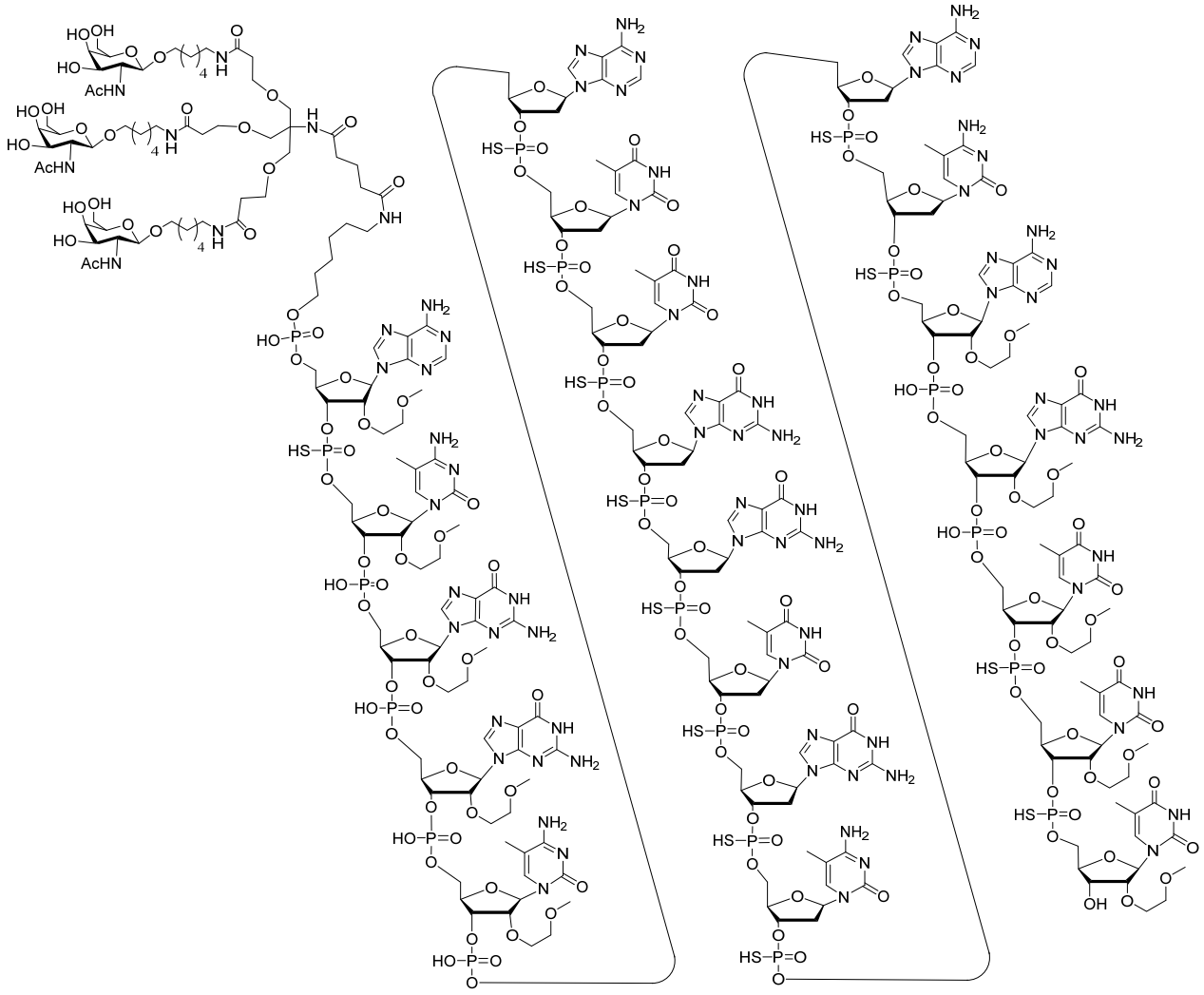
e = a 2'- $OCH_2CH_2OCH_3$ ribosyl sugar moiety ~~MOE modified sugar~~,

d = a 2'-deoxyribosyl~~e~~ sugar moiety,

s = a phosphorothioate internucleoside linkage, and

o = a phosphodiester internucleoside linkage.

In certain embodiments, Compound No. 957943 is represented by the following chemical structure:



Structure 1. Compound No. 957943 (SEQ ID NO: 3)

Oligomeric compounds No. 416858 and 957943 were tested in a Factor XI PAC transgenic mouse model which uses bacterial P1 artificial chromosome (PAC) containing the entire WT human Factor XI gene. The mouse model was generated from a human FXI gene fragment containing the entire ~24 Kb human FXI transgene as well as 9Kb upstream and 6Kb downstream. The gene fragment was microinjected into the pronucleus of fertilized mouse eggs, and the complete BAC integration of the transgene was confirmed by PCR using human specific primer probe sets. The established founder has predominate liver expression of human FXI RNA and circulating human FXI in plasma.

Table 1. Oligomeric compounds complementary to human FXI

Compound Number	5' modification	Chemistry notation (5' to 3')	SEQ ID NO:
416858	none	$A_{es}{}^{m}C_{es}G_{es}G_{es}{}^{m}C_{es}A_{ds}T_{ds}T_{ds}G_{ds}G_{ds}T_{ds}G_{ds}{}^{m}C_{ds}A_{ds}{}^{m}C_{ds}A_{es}G_{es}T_{es}T_{es}T_{e}$	3
957943	(THA-$GalNAc_3$)o	$A_{es}{}^{m}C_{eo}G_{eo}G_{eo}{}^{m}C_{eo}A_{ds}T_{ds}T_{ds}G_{ds}G_{ds}T_{ds}G_{ds}{}^{m}C_{ds}A_{ds}{}^{m}C_{ds}A_{eo}G_{eo}T_{es}T_{es}T_{e}$	3

Subscripts: 'd' represents a 2'-deoxyribose sugar; 'e' represents a 2'-MOE modified sugar. All cytosine residues throughout each gapmer are 5'-methyl cytosines, represented by a superscript 'm'. The internucleoside linkages are represented by subscript 'o' or 's', wherein 'o' represents a phosphodiester internucleoside linkage and 's' represents a phosphorothioate internucleoside linkage.

Treatment

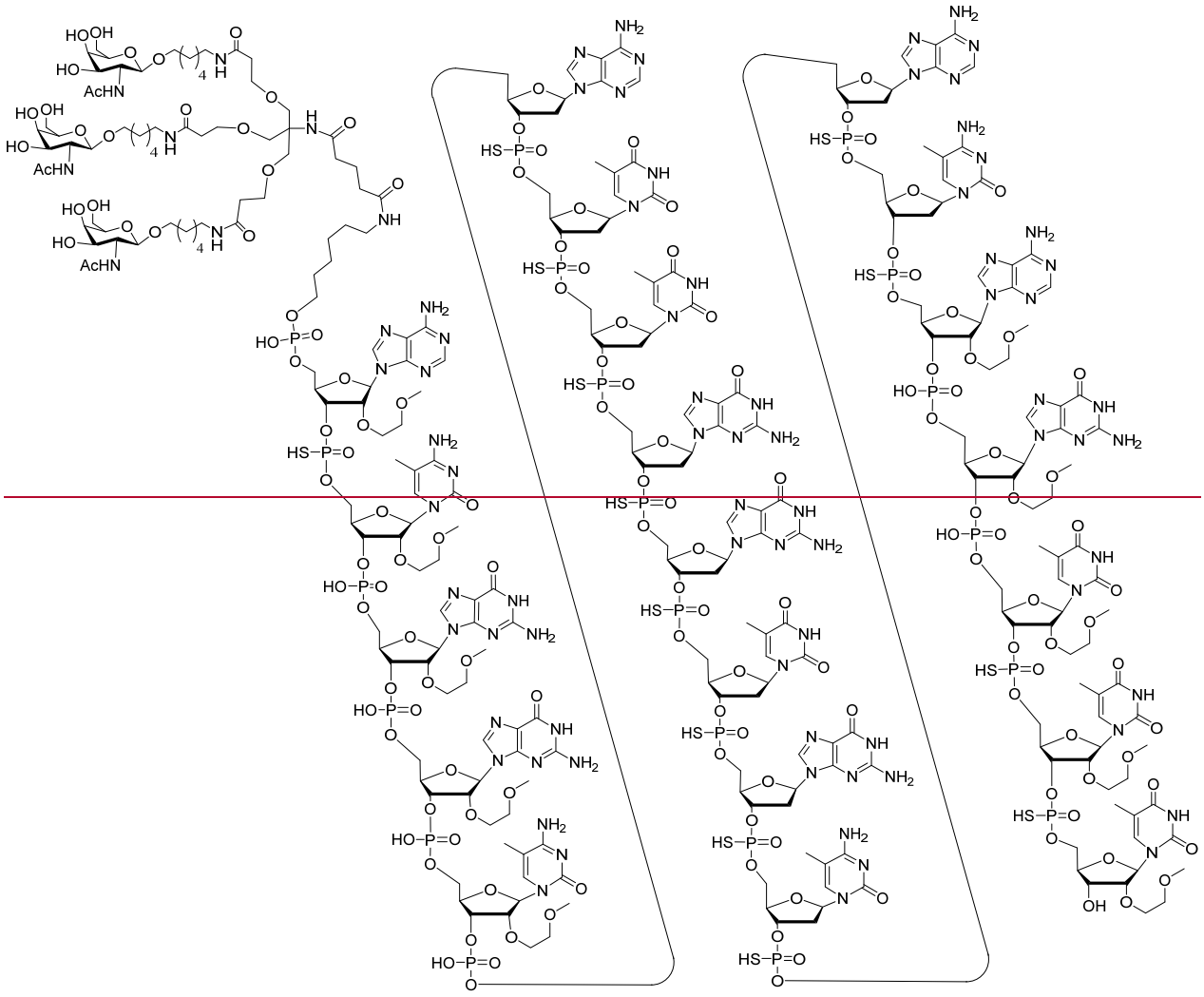
Transgenic hFXI mice were divided into groups of 8 mice each, 4 male and 4 female. Five groups of mice were administered 1.0, 2.5, 5.0, 10.0, or 25.0 mg/kg of Compound No. 416858. Five groups of mice were administered 0.1, 0.25, 0.50, 1.00, or 2.50 mg/kg of Compound No. 957943. Mice were administered oligomeric compounds twice a week for two weeks by subcutaneous injection and sacrificed at the end of the study. A group of 6 mice (3 male and 3 female) was administered PBS twice a week for two weeks and sacrificed at the end of the study. The PBS-injected group served as the control group to which oligomeric compound treated groups were compared.

RNA Analysis

After two weeks, mice were sacrificed and RNA was extracted from liver for real-time PCR analysis of measurement of RNA expression of human Factor XI using primer probe set RTS2965 (forward sequence ACGGTGTTTGCAGACAGCAA, designated herein as SEQ ID NO: 4; reverse sequence TGCAGATTCGGCCACAGA, designated herein as SEQ ID NO: 5; probe sequence ACAGTGTCATGGCTCCCGATGCTTTT, designated herein as SEQ ID NO: 6.). Results are presented as percent change of RNA, relative to PBS control, normalized to total RNA levels determined with Ribogreen®. Compound No. 416858 achieved an ED_{50} of 8.35 mg/kg and Compound No. 957943 achieved

CLAIMS

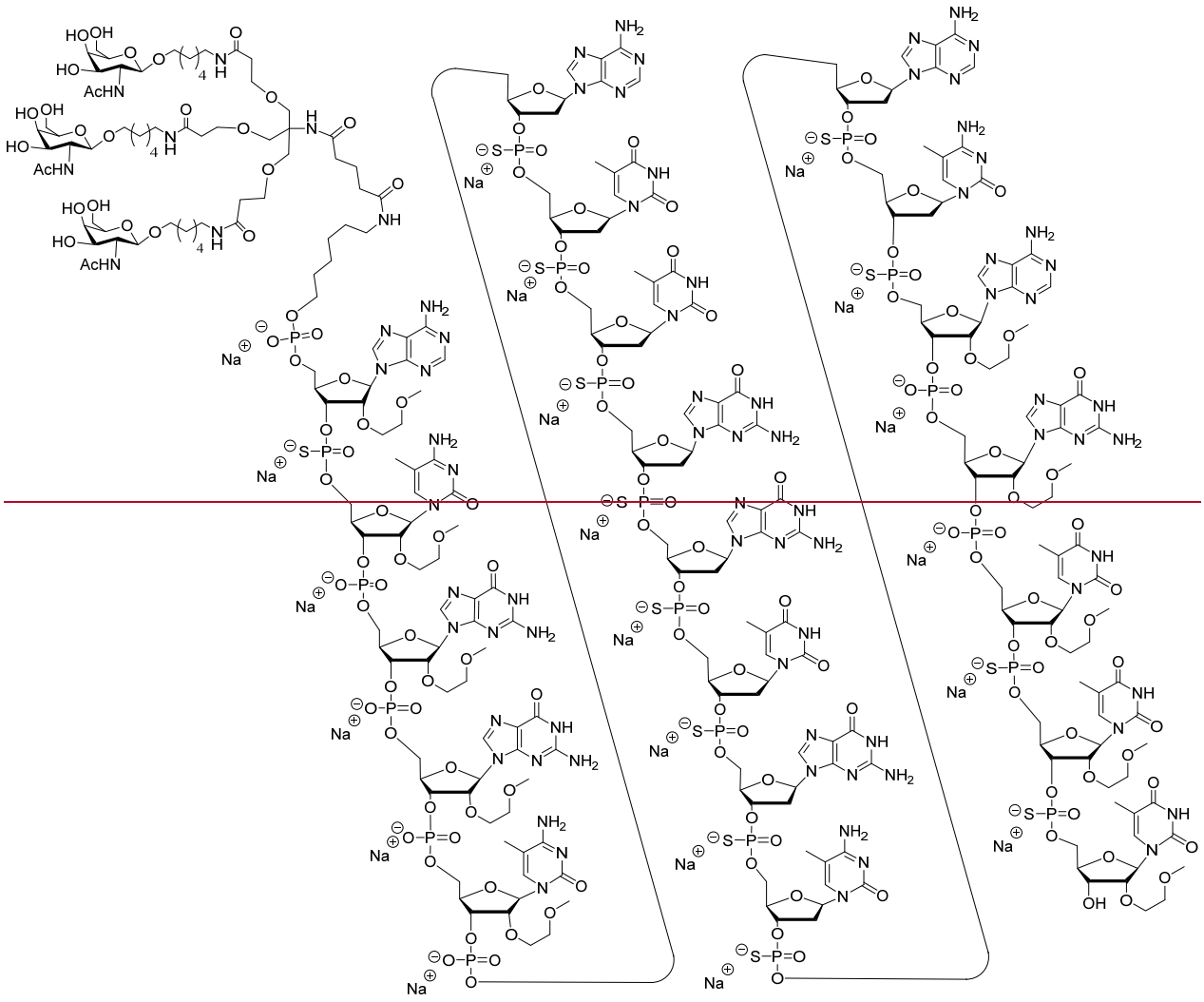
~~1. An oligomeric compound according to the following formula:~~



~~(SEQ ID NO: 3)~~

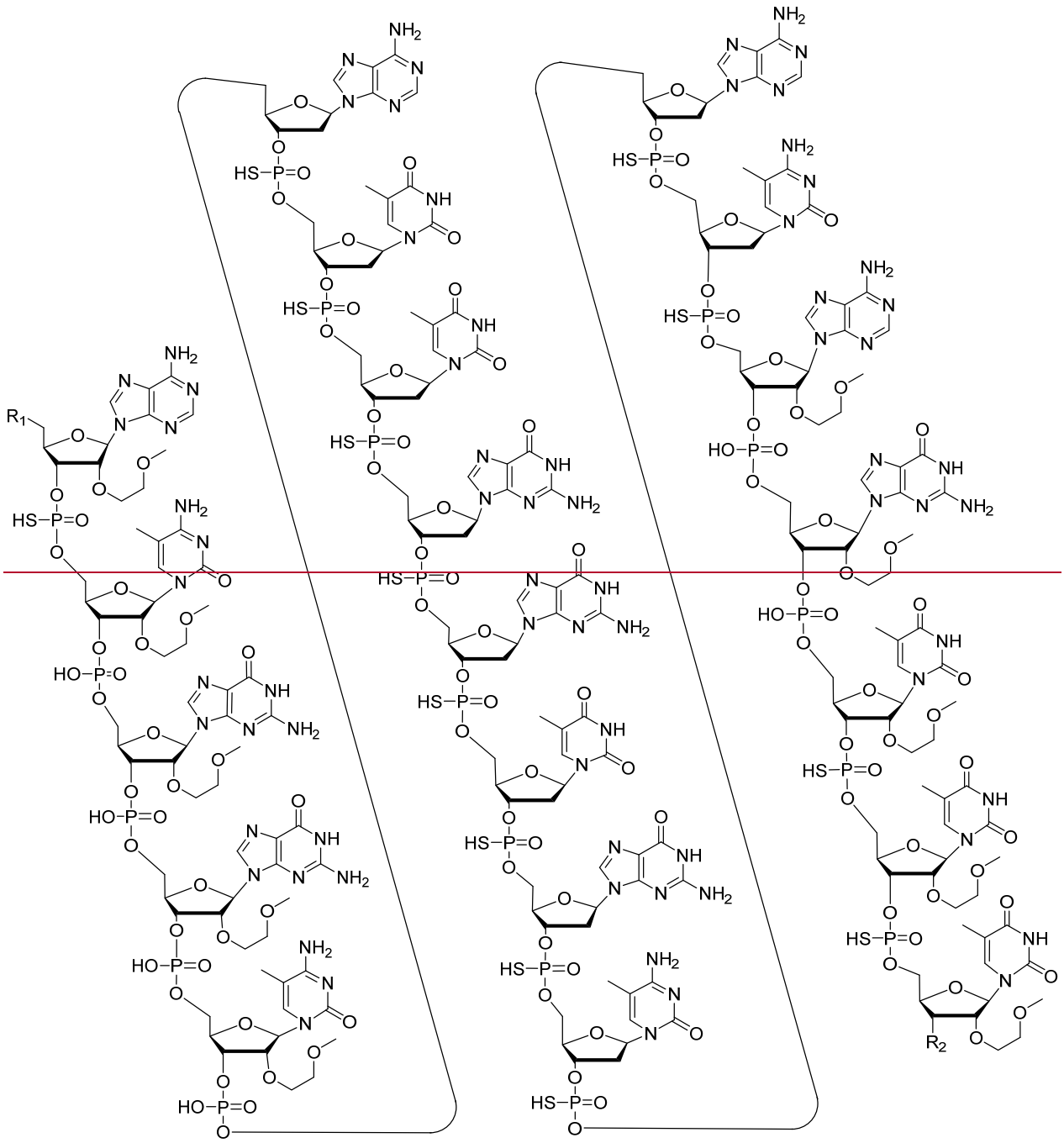
~~or a salt thereof.~~

~~2. An oligomeric compound according to the following formula:~~



~~(SEQ ID NO: 3).~~

3. An oligomeric compound comprising a modified oligonucleotide according to the following formula:

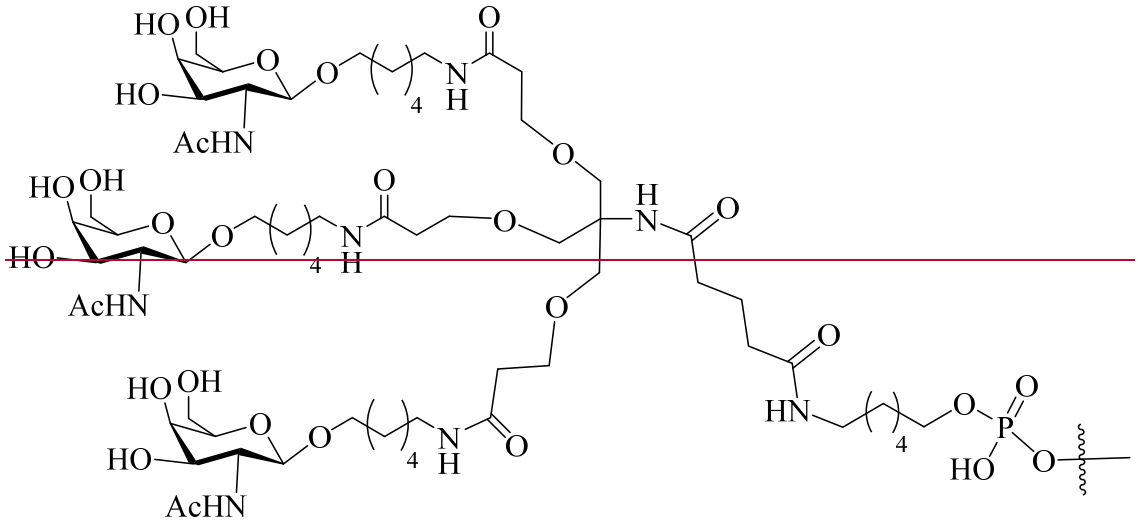


(SEQ ID NO:3);

wherein one of R_1 or R_2 is a conjugate group comprising at least one, two, or three GalNAc ligands, and the other of R_1 or R_2 is -OH;

or a salt thereof.

4. An oligomeric compound comprising a modified oligonucleotide according to the following formula: (THA-GalNAc$_3$)o Aes mCeo Geo Geo mCeo Ads Tds Tds Gds Gds Tds Gds mCds Ads mCds Aeo Geo Tes Tes Te (SEQ ID NO: 3); wherein, (THA-GalNAc3)o is represented by the following structure:



and wherein,

A = an adenine nucleobase,

mC = a 5' methyl cytosine nucleobase,

G = a guanine nucleobase,

T = a thymine nucleobase,

e = a 2'- MOE modified sugar,

d = a 2' deoxyribose sugar,

s = a phosphorothioate internucleoside linkage, and

o = a phosphodiester internucleoside linkage;

or a salt thereof.

5. The oligomeric compound of any one of claims 1, 3 or 5, which is a sodium salt.

6. A chirally enriched population of the oligomeric compound of any of claims 1-5 wherein the population is enriched for oligomeric compounds having a modified oligonucleotide comprising at least one particular phosphorothioate internucleoside linkage having a particular stereochemical configuration.

7. The chirally enriched population of claim 6, wherein the population is enriched for oligomeric compounds having a modified oligonucleotide comprising at least one particular phosphorothioate internucleoside linkage having the (Sp) configuration.

8. The chirally enriched population of claim 6 or 7, wherein the population is enriched for oligomeric compounds having a modified oligonucleotides comprising at least one particular phosphorothioate internucleoside linkage having the (Rp) configuration.

9. The chirally enriched population of claim 6, wherein the population is enriched for oligomeric compounds having a modified oligonucleotide having a particular, independently selected stereochemical configuration at each phosphorothioate internucleoside linkage.

10. The chirally enriched population of claim 9, wherein the population is enriched for oligomeric compounds having a modified oligonucleotide having the (*Sp*) configuration at each phosphorothioate internucleoside linkage.

11. The chirally enriched population of claim 9, wherein the population is enriched for oligomeric compounds having a modified oligonucleotide having the (*Rp*) configuration at each phosphorothioate internucleoside linkage.

12. The chirally enriched population of claim 6 or claim 9 wherein the population is enriched for oligomeric compounds having a modified oligonucleotide having at least 3 contiguous phosphorothioate internucleoside linkages in the *Sp Sp Rp* configurations, in the 5' to 3' direction.

13. A population of oligomeric compounds having a modified oligonucleotide of any of claims 1-5, wherein all of the phosphorothioate internucleoside linkages of the modified oligonucleotide are stereorandom.

14. A pharmaceutical composition comprising the oligomeric compound of any one of claims 1-5, the chirally enriched population of any one of claims 6-12, or the population of claim 13, and a pharmaceutically acceptable carrier or diluent.

15. The pharmaceutical composition of claim 14, wherein the pharmaceutically acceptable diluent is phosphate buffered saline.

16. The pharmaceutical composition of claim 14, wherein the pharmaceutical composition consists or consists essentially of the oligomeric compound and phosphate buffered saline.

17. The pharmaceutical composition of any one of claims 14-16, wherein the concentration of the oligomeric compound in the pharmaceutically acceptable carrier or diluent is selected from:

a) 5 mg/ml, 10 mg/ml, 15 mg/ml, 20 mg/ml, 25 mg/ml, 30 mg/ml, 35 mg/ml, 40 mg/ml, 45 mg/ml, 50 mg/ml, 55 mg/ml, 60 mg/ml, 65 mg/ml, 70 mg/ml, 75 mg/ml, 80 mg/ml, 85 mg/ml, 90 mg/ml, 95 mg/ml, 100 mg/ml, 105 mg/ml, 110 mg/ml, 115 mg/ml, 120 mg/ml, 125 mg/ml, 130 mg/ml, 135 mg/ml, 140 mg/ml, 145 mg/ml, 150 mg/ml, 155 mg/ml, 160 mg/ml;

b) about 5 mg/ml, about 10 mg/ml, about 15 mg/ml, about 20 mg/ml, about 25 mg/ml, about 30 mg/ml, about 35 mg/ml, about 40 mg/ml, about 45 mg/ml, about 50 mg/ml, about 55 mg/ml, about 60 mg/ml, about 65 mg/ml, about 70 mg/ml, about 75 mg/ml, about 80 mg/ml, about 85 mg/ml, about 90 mg/ml, about 95 mg/ml, about 100 mg/ml, about 105 mg/ml, about 110 mg/ml, about 115 mg/ml, about 120 mg/ml, about 125 mg/ml, about 130 mg/ml, about 135 mg/ml, about 140 mg/ml, about 145 mg/ml, about 150 mg/ml, about 155 mg/ml, about 160 mg/ml; and

c) 20 mg/ml, 21 mg/ml, 22 mg/ml, 23 mg/ml, 24 mg/ml, 25 mg/ml, 26 mg/ml, 27 mg/ml, 28 mg/ml, 29 mg/ml, 30 mg/ml, 31 mg/ml, 32 mg/ml, 33 mg/ml, 34 mg/ml, 35 mg/ml, 36 mg/ml, 37 mg/ml, 38 mg/ml, 39 mg/ml, 40 mg/ml, 41 mg/ml, 42 mg/ml, 43 mg/ml, 44 mg/ml, 45 mg/ml, 46 mg/ml, 47 mg/ml,

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d) about 20 mg/ml, about 21 mg/ml, about 22 mg/ml, about 23 mg/ml, about 24 mg/ml, about 25 mg/ml, about 26 mg/ml, about 27 mg/ml, about 28 mg/ml, about 29 mg/ml, about 30 mg/ml, about 31 mg/ml, about 32 mg/ml, about 33 mg/ml, about 34 mg/ml, about 35 mg/ml, about 36 mg/ml, about 37 mg/ml, about 38 mg/ml, about 39 mg/ml, about 40 mg/ml, about 41 mg/ml, about 42 mg/ml, about 43 mg/ml, about 44 mg/ml, about 45 mg/ml, about 46 mg/ml, about 47 mg/ml, about 48 mg/ml, about 49 mg/ml, about 50 mg/ml, about 51 mg/ml, about 52 mg/ml, about 53 mg/ml, about 54 mg/ml, about 55 mg/ml, about 56 mg/ml, about 57 mg/ml, about 58 mg/ml, about 59 mg/ml, about 60 mg/ml, about 61 mg/ml, about 62 mg/ml, about 63 mg/ml, about 64 mg/ml, about 65 mg/ml, about 66 mg/ml, about 67 mg/ml, about 68 mg/ml, about 69 mg/ml, about 70 mg/ml, about 71 mg/ml, about 72 mg/ml, about 73 mg/ml, about 74 mg/ml, about 75 mg/ml, about 76 mg/ml, about 77 mg/ml, about 78 mg/ml, about 79 mg/ml, about 80 mg/ml, about 81 mg/ml, about 82 mg/ml, about 83 mg/ml, about 84 mg/ml, about 85 mg/ml, about 86 mg/ml, about 87 mg/ml, about 88 mg/ml, about 89 mg/ml, about 90 mg/ml, about 91 mg/ml, about 92 mg/ml, about 93 mg/ml, about 94 mg/ml, about 95 mg/ml, about 96 mg/ml, about 97 mg/ml, about 98 mg/ml, about 99 mg/ml, about 100 mg/ml, about 101 mg/ml, about 102 mg/ml, about 103 mg/ml, about 104 mg/ml, about 105 mg/ml, about 106 mg/ml, about 107 mg/ml, about 108 mg/ml, about 109 mg/ml, about 110 mg/ml, about 111 mg/ml, about 112 mg/ml, about 113 mg/ml, about 114 mg/ml, about 115 mg/ml, about 116 mg/ml, about 117 mg/ml, about 118 mg/ml, about 119 mg/ml, about 120 mg/ml, about 121 mg/ml, about 122 mg/ml, about 123 mg/ml, about 124 mg/ml, about 125 mg/ml, about 126 mg/ml, about 127 mg/ml, about 128 mg/ml, about 129 mg/ml, about 130 mg/ml, about 131 mg/ml, about 132 mg/ml, about 133 mg/ml, about 134 mg/ml, about 135 mg/ml, about 136 mg/ml, about 137 mg/ml, about 138 mg/ml, about 139 mg/ml, and about 140 mg/ml.

18. The pharmaceutical composition of any one of claims 14-16, wherein the concentration of the oligomeric compound in the pharmaceutically acceptable carrier or diluent is selected from 20 mg/ml to 180 mg/ml, 20 mg/ml to 170 mg, 20 mg/ml to 160 mg/ml, 20 mg/ml to 150 mg/ml, 20 mg/ml to 140 mg/ml, 20 mg/ml to 130 mg/ml, 20 mg/ml to 120 mg/ml, 20 mg/ml to 110 mg/ml, 20 mg/ml to 100 mg/ml, 20

~~mg/ml to 90 mg/ml, 20 mg/ml to 80 mg/ml, 20 mg/ml to 70 mg/ml, 20 mg/ml to 60 mg/ml, 20 mg/ml to 50 mg/ml, 20 mg/ml to 40 mg/ml, 20 mg/ml to 30 mg/ml, 30 mg/ml to 180 mg/ml, 30 mg/ml to 170 mg, 30 mg/ml to 160 mg/ml, 30 mg/ml to 150 mg/ml, 30 mg/ml to 140 mg/ml, 30 mg/ml to 130 mg/ml, 30 mg/ml to 120 mg/ml, 30 mg/ml to 110 mg/ml, 30 mg/ml to 100 mg/ml, 30 mg/ml to 90 mg/ml, 30 mg/ml to 80 mg/ml, 30 mg/ml to 70 mg/ml, 30 mg/ml to 60 mg/ml, 30 mg/ml to 50 mg/ml, 30 mg/ml to 40 mg/ml, 40 mg/ml to 180 mg/ml, 40 mg/ml to 170 mg, 40 mg/ml to 160 mg/ml, 40 mg/ml to 150 mg/ml, 40 mg/ml to 140 mg/ml, 40 mg/ml to 130 mg/ml, 40 mg/ml to 120 mg/ml, 40 mg/ml to 110 mg/ml, 40 mg/ml to 100 mg/ml, 40 mg/ml to 90 mg/ml, 40 mg/ml to 80 mg/ml, 40 mg/ml to 70 mg/ml, 40 mg/ml to 60 mg/ml, 40 mg/ml to 50 mg/ml, 50 mg/ml to 180 mg/ml, 50 mg/ml to 170 mg, 50 mg/ml to 160 mg/ml, 50 mg/ml to 150 mg/ml, 50 mg/ml to 140 mg/ml, 50 mg/ml to 130 mg/ml, 50 mg/ml to 120 mg/ml, 50 mg/ml to 110 mg/ml, 50 mg/ml to 100 mg/ml, 50 mg/ml to 90 mg/ml, 50 mg/ml to 80 mg/ml, 50 mg/ml to 70 mg/ml, 50 mg/ml to 60 mg/ml, 60 mg/ml to 180 mg/ml, 60 mg/ml to 170 mg, 60 mg/ml to 160 mg/ml, 60 mg/ml to 150 mg/ml, 60 mg/ml to 140 mg/ml, 60 mg/ml to 130 mg/ml, 60 mg/ml to 120 mg/ml, 60 mg/ml to 110 mg/ml, 60 mg/ml to 100 mg/ml, 60 mg/ml to 90 mg/ml, 60 mg/ml to 80 mg/ml, 60 mg/ml to 70 mg/ml, 70 mg/ml to 180 mg/ml, 70 mg/ml to 170 mg, 70 mg/ml to 160 mg/ml, 70 mg/ml to 150 mg/ml, 70 mg/ml to 140 mg/ml, 70 mg/ml to 130 mg/ml, 70 mg/ml to 120 mg/ml, 70 mg/ml to 110 mg/ml, 70 mg/ml to 100 mg/ml, 70 mg/ml to 90 mg/ml, 70 mg/ml to 80 mg/ml, 80 mg/ml to 180 mg/ml, 80 mg/ml to 170 mg, 80 mg/ml to 160 mg/ml, 80 mg/ml to 150 mg/ml, 80 mg/ml to 140 mg/ml, 80 mg/ml to 130 mg/ml, 80 mg/ml to 120 mg/ml, 80 mg/ml to 110 mg/ml, 80 mg/ml to 100 mg/ml, 80 mg/ml to 90 mg/ml, 90 mg/ml to 180 mg/ml, 90 mg/ml to 170 mg, 90 mg/ml to 160 mg/ml, 90 mg/ml to 150 mg/ml, 90 mg/ml to 140 mg/ml, 90 mg/ml to 130 mg/ml, 90 mg/ml to 120 mg/ml, 90 mg/ml to 110 mg/ml, 90 mg/ml to 100 mg/ml, 100 mg/ml to 180 mg/ml, 100 mg/ml to 170 mg, 100 mg/ml to 160 mg/ml, 100 mg/ml to 150 mg/ml, 100 mg/ml to 140 mg/ml, 100 mg/ml to 130 mg/ml, 100 mg/ml to 120 mg/ml, 100 mg/ml to 110 mg/ml, 110 mg/ml to 180 mg/ml, 110 mg/ml to 170 mg, 110 mg/ml to 160 mg/ml, 110 mg/ml to 150 mg/ml, 110 mg/ml to 140 mg/ml, 110 mg/ml to 130 mg/ml, 110 mg/ml to 120 mg/ml, 120 mg/ml to 180 mg/ml, 120 mg/ml to 170 mg, 120 mg/ml to 160 mg/ml, 120 mg/ml to 150 mg/ml, 120 mg/ml to 140 mg/ml, 120 mg/ml to 130 mg/ml, 130 mg/ml to 180 mg/ml, 130 mg/ml to 170 mg, 130 mg/ml to 160 mg/ml, 130 mg/ml to 150 mg/ml, 130 mg/ml to 140 mg/ml, 140 mg/ml to 180 mg/ml, 140 mg/ml to 170 mg/ml, 140 mg/ml to 160 mg/ml, 140 mg/ml to 150 mg/ml, 150 mg/ml to 180 mg/ml, 150 mg/ml to 170 mg/ml, 150 mg/ml to 160 mg/ml, 160 mg/ml to 180 mg/ml, 160 mg/ml to 170 mg/ml, and 170 mg/ml to 180 mg/ml.~~

~~19. The pharmaceutical composition of any one of claims 14-18, wherein the pharmaceutical composition is in a form of a dosage unit.~~

~~20. The pharmaceutical composition of claim 19, wherein the oligomeric compound is present in the dosage unit at an amount selected from:~~

a) 5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg, 35 mg, 40 mg, 45 mg, 50 mg, 55 mg, 60 mg, 65 mg, 70 mg, 75 mg, 80 mg, 85 mg, 90 mg, 95 mg, 100 mg, 105 mg, 110 mg, 115 mg, 120 mg, 125 mg, 130 mg, 135 mg, 140 mg, 145 mg, 150 mg, 155 mg, 160 mg, 165 mg, 170 mg, 175 mg, 180 mg, 185 mg, 190 mg, 195 mg, 200 mg, 205 mg, 210 mg, 215 mg, 220 mg, 225 mg, 230 mg, 235 mg, 240 mg, 245 mg, 250 mg, 255 mg, 260 mg, 265 mg, 270 mg, 275 mg, 280 mg, 285 mg, 290 mg, 295 mg, 300 mg;

b) about 5 mg, about 10 mg, about 15 mg, about 20 mg, about 25 mg, about 30 mg, about 35 mg, about 40 mg, about 45 mg, about 50 mg, about 55 mg, about 60 mg, about 65 mg, about 70 mg, about 75 mg, about 80 mg, about 85 mg, about 90 mg, about 95 mg, about 100 mg, about 105 mg, about 110 mg, about 115 mg, about 120 mg, about 125 mg, about 130 mg, about 135 mg, about 140 mg, about 145 mg, about 150 mg, about 155 mg, about 160 mg, about 165 mg, about 170 mg, about 175 mg, about 180 mg, about 185 mg, about 190 mg, about 195 mg, about 200 mg, about 205 mg, about 210 mg, about 215 mg, about 220 mg, about 225 mg, about 230 mg, about 235 mg, about 240 mg, about 245 mg, about 250 mg, about 255 mg, about 260 mg, about 265 mg, about 270 mg, about 275 mg, about 280 mg, about 285 mg, about 290 mg, about 295 mg, about 300 mg;

c) 20 mg, 21 mg, 22 mg, 23 mg, 24 mg, 25 mg, 26 mg, 27 mg, 28 mg, 29 mg, 30 mg, 31 mg, 32 mg, 33 mg, 34 mg, 35 mg, 36 mg, 37 mg, 38 mg, 39 mg, 40 mg, 41 mg, 42 mg, 43 mg, 44 mg, 45 mg, 46 mg, 47 mg, 48 mg, 49 mg, 50 mg, 51 mg, 52 mg, 53 mg, 54 mg, 55 mg, 56 mg, 57 mg, 58 mg, 59 mg, 60 mg, 61 mg, 62 mg, 63 mg, 64 mg, 65 mg, 66 mg, 67 mg, 68 mg, 69 mg, 70 mg, 71 mg, 72 mg, 73 mg, 74 mg, 75 mg, 76 mg, 77 mg, 78 mg, 79 mg, 80 mg, 81 mg, 82 mg, 83 mg, 84 mg, 85 mg, 86 mg, 87 mg, 88 mg, 89 mg, 90 mg, 91 mg, 92 mg, 93 mg, 94 mg, 95 mg, 96 mg, 97 mg, 98 mg, 99 mg, 100 mg, 101 mg, 102 mg, 103 mg, 104 mg, 105 mg, 106 mg, 107 mg, 108 mg, 109 mg, 110 mg, 111 mg, 112 mg, 113 mg, 114 mg, 115 mg, 116 mg, 117 mg, 118 mg, 119 mg, 120 mg, 121 mg, 122 mg, 123 mg, 124 mg, 125 mg, 126 mg, 127 mg, 128 mg, 129 mg, 130 mg, 131 mg, 132 mg, 133 mg, 134 mg, 135 mg, 136 mg, 137 mg, 138 mg, 139 mg, 140 mg;

d) about 20 mg, about 21 mg, about 22 mg, about 23 mg, about 24 mg, about 25 mg, about 26 mg, about 27 mg, about 28 mg, about 29 mg, about 30 mg, about 31 mg, about 32 mg, about 33 mg, about 34 mg, about 35 mg, about 36 mg, about 37 mg, about 38 mg, about 39 mg, about 40 mg, about 41 mg, about 42 mg, about 43 mg, about 44 mg, about 45 mg, about 46 mg, about 47 mg, about 48 mg, about 49 mg, about 50 mg, about 51 mg, about 52 mg, about 53 mg, about 54 mg, about 55 mg, about 56 mg, about 57 mg, about 58 mg, about 59 mg, about 60 mg, about 61 mg, about 62 mg, about 63 mg, about 64 mg, about 65 mg, about 66 mg, about 67 mg, about 68 mg, about 69 mg, about 70 mg, about 71 mg, about 72 mg, about 73 mg, about 74 mg, about 75 mg, about 76 mg, about 77 mg, about 78 mg, about 79 mg, about 80 mg, about 81 mg, about 82 mg, about 83 mg, about 84 mg, about 85 mg, about 86 mg, about 87 mg, about 88 mg, about 89 mg, about 90 mg, about 91 mg, about 92 mg, about 93 mg, about 94 mg, about 95 mg, about 96 mg, about 97 mg, about 98 mg, about 99 mg, about 100 mg, about 101 mg, about 102 mg, about 103 mg, about 104 mg, about 105 mg, about 106 mg, about 107 mg, about 108 mg,

about 109 mg, about 110 mg, about 111 mg, about 112 mg, about 113 mg, about 114 mg, about 115 mg, about 116 mg, about 117 mg, about 118 mg, about 119 mg, about 120 mg, about 121 mg, about 122 mg, about 123 mg, about 124 mg, about 125 mg, about 126 mg, about 127 mg, about 128 mg, about 129 mg, about 130 mg, about 131 mg, about 132 mg, about 133 mg, about 134 mg, about 135 mg, about 136 mg, about 137 mg, about 138 mg, about 139 mg, about 140 mg;

e) 75.0 mg, 75.1 mg, 75.2 mg, 75.3 mg, 75.4 mg, 75.5 mg, 75.6 mg, 75.7 mg, 75.8 mg, 75.9 mg, 76.0 mg, 76.1 mg, 76.2 mg, 76.3 mg. 76.4 mg, 76.5 mg, 76.6 mg, 76.7 mg, 76.8 mg, 76.9 mg, 77.0 mg, 77.1 mg, 77.2 mg, 77.3 mg, 77.4 mg, 77.5 mg, 77.6 mg, 77.7 mg, 77.8 mg, 77.9 mg, 78.0 mg, 78.1 mg, 78.2 mg, 78.3 mg. 78.4 mg, 78.5 mg, 78.6 mg, 78.7 mg, 78.8 mg, 78.9 mg, 79.0 mg, 79.1 mg, 79.2 mg, 79.3 mg, 79.4 mg, 79.5 mg, 79.6 mg, 79.7 mg, 79.8 mg, 79.9 mg, 80.0 mg, 80.1 mg, 80.2 mg, 80.3 mg. 80.4 mg, 80.5 mg, 80.6 mg, 80.7 mg, 80.8 mg, 80.9 mg, 81.0 mg, 81.1 mg, 81.2 mg, 81.3 mg, 81.4 mg, 81.5 mg, 81.6 mg, 81.7 mg, 81.8 mg, 81.9 mg, 82.0 mg, 82.1 mg, 82.2 mg, 82.3 mg. 82.4 mg, 82.5 mg, 82.6 mg, 82.7 mg, 82.8 mg, 82.9 mg, 83.0 mg, 83.1 mg, 83.2 mg, 83.3 mg, 83.4 mg, 83.5 mg, 83.6 mg, 83.7 mg, 83.8 mg, 83.9 mg, 84.0 mg, 84.1 mg, 84.2 mg, 84.3 mg. 84.4 mg, 84.5 mg, 84.6 mg, 84.7 mg, 84.8 mg, 84.9 mg, 85.0 mg; and

f) about 75.0 mg, about 75.1 mg, about 75.2 mg, about 75.3 mg, about 75.4 mg, about 75.5 mg, about 75.6 mg, about 75.7 mg, about 75.8 mg, about 75.9 mg, about 76.0 mg, about 76.1 mg, about 76.2 mg, about 76.3 mg. about about 76.4 mg, about 76.5 mg, about 76.6 mg, about 76.6 about 76.7 mg, about 76.8 mg, about 76.9 mg, about 77.0 mg, about 77.1 mg, about 77.2 mg, about 77.3 mg, about 77.4 mg, about 77.5 mg, about 77.6 mg, about 77.7 mg, about 77.8 mg, about 77.9 mg, about 78.0 mg, about 78.1 mg, about 78.2 mg, about 78.3 mg. about 78.4 mg, about 78.5 mg, about 78.6 mg, about 78.7 mg, about 78.8 mg, about 78.9 mg, about 79.0 mg, about 79.1 mg, about 79.2 mg, about 79.3 mg, about 79.4 mg, about 79.5 mg, about 79.6 mg, about 79.7 mg, about 79.8 mg, about 79.9 mg, about 80.0 mg, about 80.1 mg, about 80.2 mg, about 80.3 mg. about 80.4 mg, about 80.5 mg, about 80.6 mg, about 80.7 mg, about 80.8 mg, about 80.9 mg, about 81.0 mg, about 81.1 mg, about 81.2 mg, about 81.3 mg, about 81.4 mg, about 81.5 mg, about 81.6 mg, about 81.7 mg, about 81.8 mg, about 81.9 mg, about 82.0 mg, about 82.1 mg, about 82.2 mg, about 82.3 mg. about 82.4 mg, about 82.5 mg, about 82.6 mg, about 82.7 mg, about 82.8 mg, about 82.9 mg, about 83.0 mg, about 83.1 mg, about 83.2 mg, about 83.3 mg, about 83.4 mg, about 83.5 mg, about 83.6 mg, about 83.7 mg, about 83.8 mg, about 83.9 mg, about 84.0 mg, about 84.1 mg, about 84.2 mg, about 84.3 mg. about 84.4 mg, about 84.5 mg, about 84.6 mg, about 84.7 mg, about 84.8 mg, about 84.9 mg, and about 85.0 mg.

21. The pharmaceutical composition of claim 17, wherein the oligomeric compound is present in the dosage unit at an amount selected from: less than about 300 mg, less than about 295 mg, less than about 290 mg, less than about 285 mg, less than about 280 mg, less than about 275 mg, less than about 270 mg, less than about 265 mg, less than about 260 mg, less than about 255 mg, less than about 250 mg, less than about 245 mg, less than about 240 mg, less than about 235 mg, less than about 230 mg, less than about 225 mg,

less than about 220 mg, less than about 215 mg, less than about 210 mg, less than about 205 mg, less than about 200 mg, less than about 195 mg, less than about 190 mg, less than about 185 mg, less than about 180 mg, less than about 175 mg, less than about 170 mg, less than about 165 mg, less than about 160 mg, less than about 150 mg, less than about 145 mg, less than about 140 mg, less than about 135 mg, less than about 130 mg, less than about 125 mg, less than about 120 mg, less than about 115 mg, less than about 110 mg, less than about 105 mg, less than about 100 mg, less than about 95 mg, less than about 90 mg, less than about 85 mg, less than about 80 mg, less than about 75 mg, less than about 70 mg, less than about 65 mg, less than about 60 mg, less than about 55 mg, less than about 50 mg, less than about 45 mg, less than about 40 mg, less than about 35 mg, less than about 30 mg, less than about 25 mg, and less than about 20 mg.

22. The pharmaceutical composition of claim 19, wherein the oligomeric compound is present in the dosage unit at an amount selected from:

a) 10 mg to 140 mg, from 10 mg to 130 mg, from 10 mg to 120 mg, from 10 mg to 110 mg, from 10 mg to 100 mg, from 10 mg to 90 mg, from 10 mg to 80 mg, from 10 mg to 70 mg, from 10 mg to 60 mg, from 10 mg to 50 mg, from 10 mg to 40 mg, from 10 mg to 30 mg, from 10 mg to 20 mg, from 20 mg to 140 mg, from 20 mg to 130 mg, from 20 mg to 120 mg, from 20 mg to 110 mg, from 20 mg to 100 mg, from 20 mg to 90 mg, from 20 mg to 80 mg, from 20 mg to 70 mg, from 20 mg to 60 mg, from 20 mg to 50 mg, from 20 mg to 40 mg, from 20 mg to 30 mg, from 30 mg to 140 mg, from 30 mg to 130 mg, from 30 mg to 120 mg, from 30 mg to 110 mg, from 30 mg to 100 mg, from 30 mg to 90 mg, from 30 mg to 80mg, from 30 mg to 70 mg, from 30 mg to 60 mg, from 30 mg to 50 mg, from 30 mg to 40mg, from 40 mg to 140 mg, from 40 mg to 130 mg, from 40 mg to 120 mg, from from 40 mg to 110 mg, from 40 mg to 100 mg, from 40 mg to 90 mg, from 40 mg to 80 mg, from 40 mg to 70 mg, from 40 mg to 60 mg, from 40 mg to 50 mg, from 50 mg to 140 mg, from 50 mg to 130 mg, from 50 mg to 120 mg, from 50 mg to 110 mg, from 50 mg to 100 mg, from 50 mg to 90 mg, from 50 mg to 80 mg, from 50 mg to 70 mg, from 50 mg to 60 mg, from 60 mg to 140 mg, from 60 mg to 130 mg, from 60 mg to 120 mg, from 60 mg to 110 mg, from 60 mg to 100 mg, from 60 mg to 90 mg, from 60 mg to 80 mg, from 60 mg to 70 mg, from 70 mg to 140 mg, from 70 mg to 130 mg, from 70 mg to 120 mg, from 70 mg to 110 mg, from 70 mg to 100 mg, from 70 mg to 90 mg, from 70 mg to 80 mg, from 80 mg to 140 mg, from 80 mg to 130 mg, from 80 mg to 120 mg, from 80 mg to 110 mg, from 80 mg to 100 mg, from 80 mg to 90 mg, from 90 mg to 140 mg, from 90 mg to 130 mg, from 90 mg to 120 mg, from 90 mg to 110mg, from 90 mg to 100 mg, from 100 mg to 140 mg, from 100 mg to 130 mg, from 100 mg to 120 mg, from 100 mg to 110 mg, from 110 mg to 140 mg, from 110 mg to 130 mg, from 110 mg to 120 mg, from 120 mg to 140 mg, from 120 mg to 130 mg, from 130 mg to 140 mg, from 65 mg to 95 mg, from 65 mg to 90 mg, from 65 mg to 85 mg from 65 mg to 80 mg, from 65 mg to 75 mg, from 65 mg to 70 mg, from 70 mg to 95 mg, from 70 mg to 85 mg, from 70 mg to 75 mg, from 75 mg to 100 mg, from 75 mg to 95 mg, from 75 mg to 90 mg, from 75 mg to 85 mg, from 75 mg to 80 mg, from 80 mg to 95 mg, from 80 mg to 85 mg, from 85

mg to 100 mg, from 85 mg to 90 mg, from 90 mg to 95 mg, from 95 mg to 100 mg, from 80 mg to 89 mg, from 80 mg to 88 mg, from 80 mg to 87 mg, from 80 mg to 86 mg, from 80 mg to 84 mg, from 80 mg to 83 mg, from 80 mg to 82 mg, from 80 mg to 81 mg, from 81 mg to 90 mg, from 82 mg to 89 mg, from 82 mg to 88 mg, from 82 mg to 87 mg, from 82 mg to 86 mg, from 82 mg to 85 mg, from 82 mg to 84 mg, from 82 mg to 83 mg, from 83 mg to 90 mg, from 83 mg to 89 mg, from 83 mg to 88 mg, from 83 mg to 87 mg, from 83 mg to 86 mg, from 83 mg to 85 mg, from 83 mg to 84 mg, from 84 mg to 90 mg, from 84 mg to 89 mg, from 84 mg to 88 mg, from 84 mg to 87 mg, from 84 mg to 86 mg, from 84 mg to 85 mg, from 85 mg to 89 mg, from 85 mg to 88 mg, from 85 mg to 87 mg, from 85 mg to 86 mg, from 86 mg to 90 mg, from 86 mg to 89 mg, from 86 mg to 88 mg, from 86 mg to 87 mg, from 87 mg to 90 mg, from 87 mg to 89 mg, from 87 mg to 88 mg, from 88 mg to 90 mg, from 88 mg to 89 mg, from 89 mg to 90 mg; and

b) less than about 300 mg, less than about 295 mg, less than about 290 mg, less than about 285 mg, less than about 280 mg, less than about 275 mg, less than 270 mg, less than 265 mg, less than about 260 mg, less than 255 mg, less than about 250 mg, less than about 245 mg, less than about 240 mg, less than about 235 mg, less than about 230 mg, less than about 225 mg, less than about 220 mg, less than about 215 mg, less than about 210 mg, less than about 205 mg, less than about 200 mg, less than about 195 mg, less than about 190 mg, less than about 185 mg, less than about 180 mg, less than about 175 mg, less than about 170 mg, less than about 165 mg, less than about 160 mg, less than about 150 mg, less than about 145 mg, less than about 140 mg, less than about 135 mg, less than about 130 mg, less than about 125 mg, less than about 120 mg, less than about 115 mg, less than about 110 mg, less than about 105 mg, less than about 100 mg, less than about 95 mg, less than about 90 mg, less than about 85 mg, less than about 80 mg, less than about 75 mg, less than about 70 mg, less than about 65 mg, less than about 60 mg, less than about 55 mg, less than about 50 mg, less than about 45 mg, less than about 40 mg, less than about 35 mg, less than about 30 mg, less than about 25 mg, and less than about 20 mg..

23. The pharmaceutical composition of claim 19, wherein the oligomeric compound is present in the dosage unit at an amount selected from:

a) at least about 10 mg, at least about 15 mg, at least about 20 mg, at least about 25 mg, at least about 30 mg, at least about 35 mg, at least about 40 mg, at least about 45 mg, at least about 50 mg, at least about 55 mg, at least about 60 mg, at least about 65 mg, at least about 70 mg, at least about 75 mg, at least about 80 mg, at least about 85 mg, at least about 90 mg, at least about 95 mg, at least about 100 mg, at least about 105 mg, at least about 115 mg, at least about 120 mg, at least about 125 mg, at least about 130 mg, at least about 135 mg, at least about 140 mg, at least about 145 mg, at least about 150 mg; and

b) at least 10 mg, at least 15 mg, at least 20 mg, at least 25 mg, at least 30 mg, at least 35 mg, at least 40 mg, at least 45 mg, at least 50 mg, at least 55 mg, at least 60 mg, at least 65 mg, at least 70 mg, at least 75 mg, at least 80 mg, at least 85 mg, at least 90 mg, at least 95 mg, at least about 100 mg, at least 105

mg, at least 115 mg, at least 120 mg, at least 125 mg, at least 130 mg, at least 135 mg, at least 140 mg, at least 145 mg, and at least 150 mg.

24. The pharmaceutical composition of any one of claims 19-23, wherein the dosage unit has a volume selected from:

a) 0.1 ml to 1.5 ml, 0.1 ml to 1.4 ml, 0.1 ml to 1.3 ml, 0.1 ml to 1.2 ml, 0.1 ml to 1.1 ml, 0.1 ml to 1.0 ml, 0.1 ml to 0.9 ml, 0.1 ml to 0.8 ml, 0.1 ml to 0.7 ml, 0.1 ml to 0.6 ml, 0.1 ml to 0.5 ml, 0.1 ml to 0.4 ml, 0.1 ml to 0.3 ml, 0.1 ml to 0.2 ml, 0.2 ml to 1.5 ml, 0.2 ml to 1.4 ml, 0.2 ml to 1.3 ml, 0.2 ml to 1.2 ml, 0.2 ml to 1.1 ml, 0.2 ml to 1.0 ml, 0.2 ml to 0.9 ml, 0.2 ml to 0.8 ml, 0.2 ml to 0.7 ml, 0.2 ml to 0.6 ml, 0.2 ml to 0.5 ml, 0.2 ml to 0.4 ml, 0.2 ml to 0.3 ml, 0.3 ml to 1.5ml, 0.3 ml to 1.4 ml, 0.3 ml to 1.3 ml, 0.3 ml to 1.2 ml, 0.3 ml to 1.1 ml, 0.3 ml to 1.0 ml, 0.3 ml to 0.9 ml, 0.3 ml to 0.8 ml, 0.3 ml to 0.7 ml, 0.3 ml to 0.6 ml, 0.3 ml to 0.5 ml, 0.3 ml to 0.4 ml, 0.4 ml to 1.5 ml, 0.4 ml to 1.4 ml, 0.4 ml to 1.3 ml, 0.4 ml to 1.2 ml, 0.4 ml to 1.1 ml, 0.4 ml to 1.0 ml, 0.4 ml to 0.9 ml, 0.4 ml to 0.8 ml, 0.4 ml to 0.7 ml, 0.4 ml to 0.6 ml, 0.4 ml to 0.5 ml, 0.5 ml to 1.5 ml, 0.5 ml to 1.4 ml, 0.5 ml to 1.3 ml, 0.5. ml to 1.2 ml, 0.5 ml to 1.1 ml, 0.5 ml to 1.0 ml, 0.5 ml to 0.9 ml, 0.5 ml to 0.8 ml, 0.5 ml to 0.7 ml, 0.5 ml to 0.6 ml, 0.6 ml to 1.5 ml, 0.6 ml to 1.4 ml, 0.6 mo to 1.3 ml, 0.6 ml to 1.2 ml, 0.6 ml to 1.1 ml, 0.6 ml to 1.0 ml, 0.6 ml to 0.9 ml, 0.6 ml to 0.8 ml, 0.6 ml to 0.7 ml, 0.7 ml, to 1.5 ml, 0.7 ml to 1.4 ml, 0.7 ml to 1.3 ml, 0.7 ml to 1.2 ml, 0.7 ml to 1.1 ml, 0.7 ml to 1.0 ml, 0.7 ml to 0.9 ml, 0.7 ml to 0.8 ml, 0.8 ml to 1.5 ml, 0.8 ml to 1.4 ml, 0.8 ml to 1.3 ml, 0.8 ml to 1.2 ml, 0.8 ml to 1.1 ml, 0.8 ml to 1.0 ml. 0.8 ml to 0.9 ml, 0.9 ml, to 1.5 ml, 0.9 ml to 1.4 ml, 0.9 ml to 1.3 ml, 0.9 ml to 1.2 ml, 0.9 ml, to 1.1 ml, 0.9 ml to 1.0 ml, 1.0 ml to 1.5 ml, 1.0 ml to 1.4 ml, 1.0 ml to 1.3 ml, 1.0 ml to 1.2 ml, 1.0 ml to 1.1 ml, 1.1 ml to 1.5 ml, 1.1 ml to 1.4 ml, 1.1 ml to 1.3 ml, 1.1 ml to 1.2 ml, 1.2 ml to 1.5 ml, 1.2 ml to 1.4 ml, 1.2 ml to 1.3 ml, 1.3 ml to 1.5 ml, 1.3 ml to 1.4 ml, 1.4 ml to, 1.5ml; and

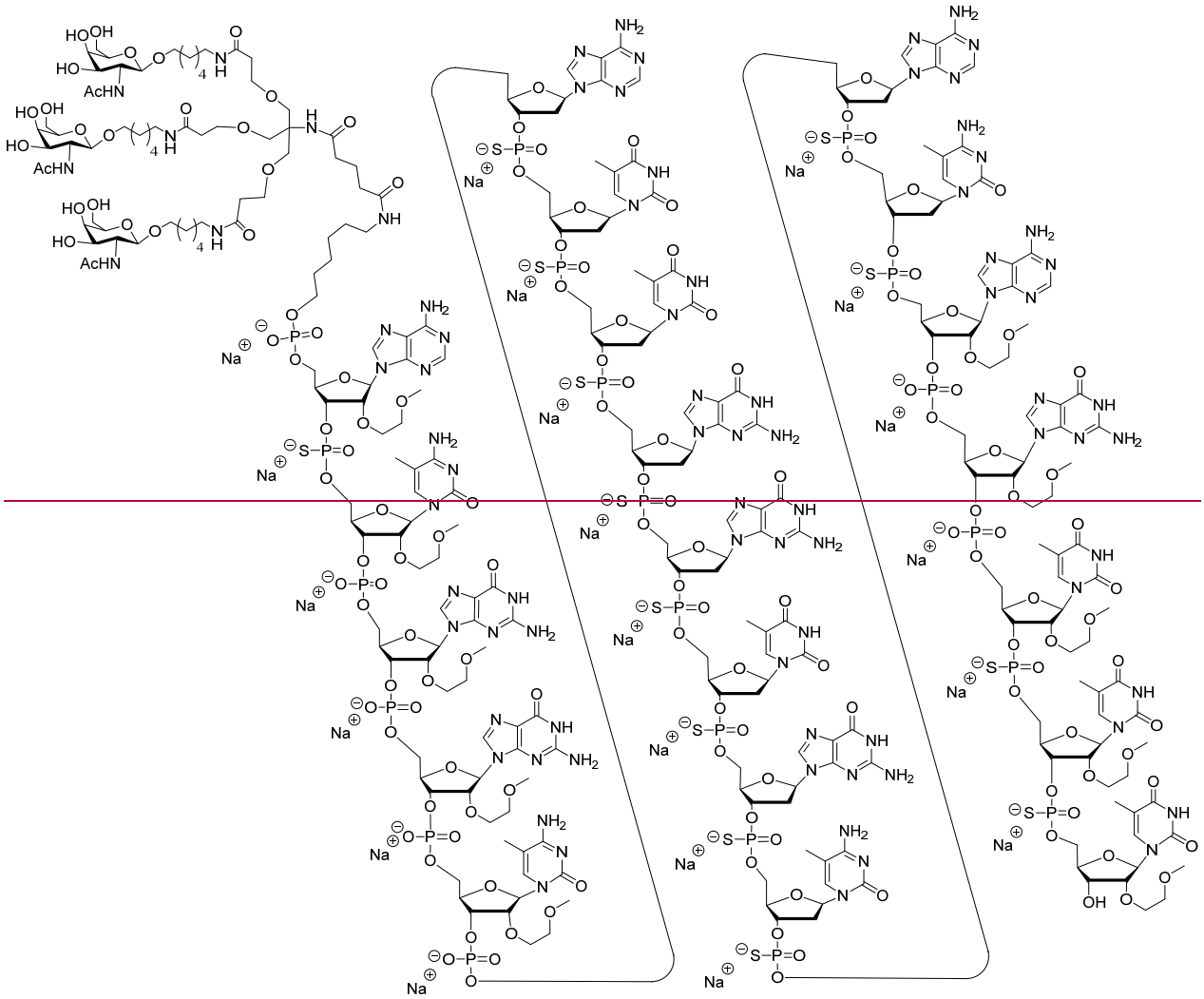
b) about 0.1 ml to about 1.5 ml, about 0.1 ml to about 1.4 ml, about 0.1 ml to about 1.3 ml, about 0.1 ml to about 1.2 ml, about 0.1 ml to about 1.1 ml, about 0.1 ml to about 1.0 ml, about 0.1 ml to about 0.9 ml, about 0.1 ml to about 0.8 ml, about 0.1 ml to about 0.7 ml, about 0.1 ml to about 0.6 ml, about 0.1 ml to about 0.5 ml, about 0.1 ml to about 0.4 ml, about 0.1 ml to about 0.3 ml, about 0.1 ml to about 0.2 ml, about 0.2 ml to about 1.5 ml, about 0.2 ml to about 1.4 ml, about 0.2 ml to about 1.3 ml, about 0.2 ml to about 1.2 ml, about 0.2 ml to about 1.1 ml, about 0.2 ml to about 1.0 ml, about 0.2 ml to about 0.9 ml, about 0.2 ml to about 0.8 ml, about 0.2 ml to about 0.7 ml, about 0.2 ml to about 0.6 ml, about 0.2 ml to about 0.5 ml, about 0.2 ml to about 0.4 ml, about 0.2 ml to about 0.3 ml, about 0.3 ml to about 1.5ml, about 0.3 ml to about 1.4 ml, about 0.3 ml to about 1.3 ml, about 0.3 ml to about 1.2 ml, about 0.3 ml to about 1.1 ml, about 0.3 ml to about 1.0 ml, about 0.3 ml to about 0.9 ml, about 0.3 ml to about 0.8 ml, about 0.3 ml to about 0.7 ml, about 0.3 ml to about 0.6 ml, about 0.3 ml to about 0.5 ml, about 0.3 ml to about 0.4 ml, about 0.4 ml to about 1.5 ml, about 0.4 ml to about 1.4 ml, about 0.4 ml to about 1.3 ml, about 0.4 ml to about 1.2 ml, about 0.4 ml to about 1.1 ml, about 0.4 ml to about 1.0 ml, about 0.4 ml to about 0.9 ml, about 0.4 ml to about 0.8 ml, about 0.4 ml to about 0.7 ml, about 0.4 ml to about 0.6 ml,

about 0.4 ml to about 0.5 ml, about 0.5 ml to about 1.5 ml, about 0.5 ml to about 1.4 ml, about 0.5 ml to about 1.3 ml, about 0.5. ml to about 1.2 ml, about 0.5 ml to about 1.1 ml, about 0.5 ml to about 1.0 ml, about 0.5 ml to about 0.9 ml, about 0.5 ml to about 0.8 ml, about 0.5 ml to about 0.7 ml, about 0.5 ml to about 0.6 ml, about 0.6 ml to about 1.5 ml, about 0.6 ml to about 1.4 ml, about 0.6 ml to about 1.3 ml, about 0.6 ml to about 1.2 ml, about 0.6 ml to about 1.1 ml, about 0.6 ml to about 1.0 ml, about 0.6 ml to about 0.9 ml, about 0.6 ml to about 0.8 ml, about 0.6 ml to about 0.7 ml, about 0.7 ml, about to about 1.5 ml, about 0.7 ml to about 1.4 ml, about 0.7 ml to about 1.3 ml, about 0.7 ml to about 1.2 ml, about 0.7 ml to about 1.1 ml, about 0.7 ml to about 1.0 ml, about 0.7 ml to about 0.9 ml, about 0.7 ml to about 0.8 ml, about 0.8 ml to about 1.5 ml, about 0.8 ml to about 1.4 ml, about 0.8 ml to about 1.3 ml, about 0.8 ml to about 1.2 ml, about 0.8 ml to about 1.1 ml, about 0.8 ml to about 1.0 ml. 0.8 ml to about 0.9 ml, about 0.9 ml, about to about 1.5 ml, about 0.9 ml to about 1.4 ml, about 0.9 ml to about 1.3 ml, about 0.9 ml to about 1.2 ml, about 0.9 ml, about to about 1.1 ml, about 0.9 ml to about 1.0 ml, about 1.0 ml to about 1.5 ml, about 1.0 ml to about 1.4 ml, about 1.0 ml to about 1.3 ml, about 1.0 ml to about 1.2 ml, about 1.0 ml to about 1.1 ml, about 1.1 ml to about 1.5 ml, about 1.1 ml to about 1.4 ml, about 1.1 ml to about 1.3 ml, about 1.1 ml to about 1.2 ml, about 1.2 ml to about 1.5 ml, about 1.2 ml to about 1.4 ml, about 1.2 ml to about 1.3 ml, about 1.3 ml to about 1.5 ml, about 1.3 ml to about 1.4 ml, and about 1.4 ml to about 1.5ml.

25. The pharmaceutical composition of any one of claims 14-24, wherein the pharmaceutical composition is packaged in a pre-filled syringe.

26. A method comprising contacting a cell with the oligomeric compound of any of claims 1-5.

27. A method comprising administering to an animal a pharmaceutical composition comprising a therapeutically effective amount of an oligomeric compound according to the following formula:



(SEQ ID NO: 3).

28. A method comprising administering to an animal a therapeutically effective amount of the oligomeric compound of any of claims 1-5 in the form of a pharmaceutical composition.

29. The method of claim 27 or 28, wherein the pharmaceutical composition consists or consists essentially of the oligomeric compound and phosphate buffered saline.

30. A method comprising administering to an animal the pharmaceutical compositions of any one of claims 14-25, wherein the pharmaceutical composition comprises a therapeutically effective amount of the oligomeric compound.

31. The method of claim 30, wherein the therapeutically effective amount does not significantly alter platelet levels or platelet activity in the animal or does not cause bleeding in the animal compared to an animal not administered the pharmaceutical composition.

32. The method of any one of claims 27 to 31, comprising administering an amount of the oligomeric compound selected from:

a) 5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg, 35 mg, 40 mg, 45 mg, 50 mg, 55 mg, 60 mg, 65 mg, 70 mg, 75 mg, 80 mg, 85 mg, 90 mg, 95 mg, 100 mg, 105 mg, 110 mg, 115 mg, 120 mg, 125 mg, 130 mg, 135 mg, 140 mg, 145 mg, 150 mg, 155 mg, 160 mg, 165 mg, 170 mg, 175 mg, 180 mg, 185 mg, 190 mg, 195 mg, 200 mg, 205 mg, 210 mg, 215 mg, 220 mg, 225 mg, 230 mg, 235 mg, 240 mg, 245 mg, 250 mg, 255 mg, 260 mg, 265 mg, 270 mg, 275 mg, 280 mg, 285 mg, 290 mg, 295 mg, 300 mg;

b) about 5 mg, about 10 mg, about 15 mg, about 20 mg, about 25 mg, about 30 mg, about 35 mg, about 40 mg, about 45 mg, about 50 mg, about 55 mg, about 60 mg, about 65 mg, about 70 mg, about 75 mg, about 80 mg, about 85 mg, about 90 mg, about 95 mg, about 100 mg, about 105 mg, about 110 mg, about 115 mg, about 120 mg, about 125 mg, about 130 mg, about 135 mg, about 140 mg, about 145 mg, about 150 mg, about 155 mg, about 160 mg, about 165 mg, about 170 mg, about 175 mg, about 180 mg, about 185 mg, about 190 mg, about 195 mg, about 200 mg, about 205 mg, about 210 mg, about 215 mg, about 220 mg, about 225 mg, about 230 mg, about 235 mg, about 240 mg, about 245 mg, about 250 mg, about 255 mg, about 260 mg, about 265 mg, about 270 mg, about 275 mg, about 280 mg, about 285 mg, about 290 mg, about 295 mg, about 300 mg;

c) 20 mg, 21 mg, 22 mg, 23 mg, 24 mg, 25 mg, 26 mg, 27 mg, 28 mg, 29 mg, 30 mg, 31 mg, 32 mg, 33 mg, 34 mg, 35 mg, 36 mg, 37 mg, 38 mg, 39 mg, 40 mg, 41 mg, 42 mg, 43 mg, 44 mg, 45 mg, 46 mg, 47 mg, 48 mg, 49 mg, 50 mg, 51 mg, 52 mg, 53 mg, 54 mg, 55 mg, 56 mg, 57 mg, 58 mg, 59 mg, 60 mg, 61 mg, 62 mg, 63 mg, 64 mg, 65 mg, 66 mg, 67 mg, 68 mg, 69 mg, 70 mg, 71 mg, 72 mg, 73 mg, 74 mg, 75 mg, 76 mg, 77 mg, 78 mg, 79 mg, 80 mg, 81 mg, 82 mg, 83 mg, 84 mg, 85 mg, 86 mg, 87 mg, 88 mg, 89 mg, 90 mg, 91 mg, 92 mg, 93 mg, 94 mg, 95 mg, 96 mg, 97 mg, 98 mg, 99 mg, 100 mg, 101 mg, 102 mg, 103 mg, 104 mg, 105 mg, 106 mg, 107 mg, 108 mg, 109 mg, 110 mg, 111 mg, 112 mg, 113 mg, 114 mg, 115 mg, 116 mg, 117 mg, 118 mg, 119 mg, 120 mg, 121 mg, 122 mg, 123 mg, 124 mg, 125 mg, 126 mg, 127 mg, 128 mg, 129 mg, 130 mg, 131 mg, 132 mg, 133 mg, 134 mg, 135 mg, 136 mg, 137 mg, 138 mg, 139 mg, 140 mg;

d) about 20 mg, about 21 mg, about 22 mg, about 23 mg, about 24 mg, about 25 mg, about 26 mg, about 27 mg, about 28 mg, about 29 mg, about 30 mg, about 31 mg, about 32 mg, about 33 mg, about 34 mg, about 35 mg, about 36 mg, about 37 mg, about 38 mg, about 39 mg, about 40 mg, about 41 mg, about 42 mg, about 43 mg, about 44 mg, about 45 mg, about 46 mg, about 47 mg, about 48 mg, about 49 mg, about 50 mg, about 51 mg, about 52 mg, about 53 mg, about 54 mg, about 55 mg, about 56 mg, about 57 mg, about 58 mg, about 59 mg, about 60 mg, about 61 mg, about 62 mg, about 63 mg, about 64 mg, about 65 mg, about 66 mg, about 67 mg, about 68 mg, about 69 mg, about 70 mg, about 71 mg, about 72 mg, about 73 mg, about 74 mg, about 75 mg, about 76 mg, about 77 mg, about 78 mg, about 79 mg, about 80 mg, about 81 mg, about 82 mg, about 83 mg, about 84 mg, about 85 mg, about 86 mg, about 87 mg, about 88 mg, about 89 mg, about 90 mg, about 91 mg, about 92 mg, about 93 mg, about 94

mg, about 95 mg, about 96 mg, about 97 mg, about 98 mg, about 99 mg, about 100 mg, about 101 mg, about 102 mg, about 103 mg, about 104 mg, about 105 mg, about 106 mg, about 107 mg, about 108 mg, about 109 mg, about 110 mg, about 111 mg, about 112 mg, about 113 mg, about 114 mg, about 115 mg, about 116 mg, about 117 mg, about 118 mg, about 119 mg, about 120 mg, about 121 mg, about 122 mg, about 123 mg, about 124 mg, about 125 mg, about 126 mg, about 127 mg, about 128 mg, about 129 mg, about 130 mg, about 131 mg, about 132 mg, about 133 mg, about 134 mg, about 135 mg, about 136 mg, about 137 mg, about 138 mg, about 139 mg, about 140 mg;

e) 75.0 mg, 75.1 mg, 75.2 mg, 75.3 mg, 75.4 mg, 75.5 mg, 75.6 mg, 75.7 mg, 75.8 mg, 75.9 mg, 76.0 mg, 76.1 mg, 76.2 mg, 76.3 mg. 76.4 mg, 76.5 mg, 76.6 mg, 76.7 mg, 76.8 mg, 76.9 mg, 77.0 mg, 77.1 mg, 77.2 mg, 77.3 mg, 77.4 mg, 77.5 mg, 77.6 mg, 77.7 mg, 77.8 mg, 77.9 mg, 78.0 mg, 78.1 mg, 78.2 mg, 78.3 mg. 78.4 mg, 78.5 mg, 78.6 mg, 78.7 mg, 78.8 mg, 78.9 mg, 79.0 mg, 79.1 mg, 79.2 mg, 79.3 mg, 79.4 mg, 79.5 mg, 79.6 mg, 79.7 mg, 79.8 mg, 79.9 mg, 80.0 mg, 80.1 mg, 80.2 mg, 80.3 mg. 80.4 mg, 80.5 mg, 80.6 mg, 80.7 mg, 80.8 mg, 80.9 mg, 81.0 mg, 81.1 mg, 81.2 mg, 81.3 mg, 81.4 mg, 81.5 mg, 81.6 mg, 81.7 mg, 81.8 mg, 81.9 mg, 82.0 mg, 82.1 mg, 82.2 mg, 82.3 mg. 82.4 mg, 82.5 mg, 82.6 mg, 82.7 mg, 82.8 mg, 82.9 mg, 83.0 mg, 83.1 mg, 83.2 mg, 83.3 mg, 83.4 mg, 83.5 mg, 83.6 mg, 83.7 mg, 83.8 mg, 83.9 mg, 84.0 mg, 84.1 mg, 84.2 mg, 84.3 mg. 84.4 mg, 84.5 mg, 84.6 mg, 84.7 mg, 84.8 mg, 84.9 mg, 85.0 mg; and

f) about 75.0 mg, about 75.1 mg, about 75.2 mg, about 75.3 mg, about 75.4 mg, about 75.5 mg, about 75.6 mg, about 75.7 mg, about 75.8 mg, about 75.9 mg, about 76.0 mg, about 76.1 mg, about 76.2 mg, about 76.3 mg. about about 76.4 mg, about 76.5 mg, about 76.6 mg, about 76.6 about 76.7 mg, about 76.8 mg, about 76.9 mg, about 77.0 mg, about 77.1 mg, about 77.2 mg, about 77.3 mg, about 77.4 mg, about 77.5 mg, about 77.6 mg, about 77.7 mg, about 77.8 mg, about 77.9 mg, about 78.0 mg, about 78.1 mg, about 78.2 mg, about 78.3 mg. about 78.4 mg, about 78.5 mg, about 78.6 mg, about 78.7 mg, about 78.8 mg, about 78.9 mg, about 79.0 mg, about 79.1 mg, about 79.2 mg, about 79.3 mg, about 79.4 mg, about 79.5 mg, about 79.6 mg, about 79.7 mg, about 79.8 mg, about 79.9 mg, about 80.0 mg, about 80.1 mg, about 80.2 mg, about 80.3 mg. about 80.4 mg, about 80.5 mg, about 80.6 mg, about 80.7 mg, about 80.8 mg, about 80.9 mg, about 81.0 mg, about 81.1 mg, about 81.2 mg, about 81.3 mg, about 81.4 mg, about 81.5 mg, about 81.6 mg, about 81.7 mg, about 81.8 mg, about 81.9 mg, about 82.0 mg, about 82.1 mg, about 82.2 mg, about 82.3 mg. about 82.4 mg, about 82.5 mg, about 82.6 mg, about 82.7 mg, about 82.8 mg, about 82.9 mg, about 83.0 mg, about 83.1 mg, about 83.2 mg, about 83.3 mg, about 83.4 mg, about 83.5 mg, about 83.6 mg, about 83.7 mg, about 83.8 mg, about 83.9 mg, about 84.0 mg, about 84.1 mg, about 84.2 mg, about 84.3 mg. about 84.4 mg, about 84.5 mg, about 84.6 mg, about 84.7 mg, about 84.8 mg, about 84.9 mg, and about 85.0 mg.

33. The method of any one of claims 27 to 31, comprising administering an amount of the oligomeric compound selected from: less than about 300 mg, less than about 295 mg, less than about 290 mg, less than about 285 mg, less than about 280 mg, less than about 275 mg, less than about 270 mg, less than

about 265 mg, less than about 260 mg, less than about 255 mg, less than about 250 mg, less than about 245 mg, less than about 240 mg, less than about 235 mg, less than about 230 mg, less than about 225 mg, less than about 220 mg, less than about 215 mg, less than about 210 mg, less than about 205 mg, less than about 200 mg, less than about 195 mg, less than about 190 mg, less than about 185 mg, less than about 180 mg, less than about 175 mg, less than about 170 mg, less than about 165 mg, less than about 160 mg, less than about 150 mg, less than about 145 mg, less than about 140 mg, less than about 135 mg, less than about 130 mg, less than about 125 mg, less than about 120 mg, less than about 115 mg, less than about 110 mg, less than about 105 mg, less than about 100 mg, less than about 95 mg, less than about 90 mg, less than about 85 mg, less than about 80 mg, less than about 75 mg, less than about 70 mg, less than about 65 mg, less than about 60 mg, less than about 55 mg, less than about 50 mg, less than about 45 mg, less than about 40 mg, less than about 35 mg, less than about 30 mg, less than about 25 mg, and less than about 20 mg.

34. The method of any one of claims 27 to 31, comprising administering an amount of the oligomeric compound selected from:

a) 10 mg to 140 mg, from 10 mg to 130 mg, from 10 mg to 120 mg, from 10 mg to 110 mg, from 10 mg to 100 mg, from 10 mg to 90 mg, from 10 mg to 80 mg, from 10 mg to 70 mg, from 10 mg to 60 mg, from 10 mg to 50 mg, from 10 mg to 40 mg, from 10 mg to 30 mg, from 10 mg to 20 mg, from 20 mg to 140 mg, from 20 mg to 130 mg, from 20 mg to 120 mg, from 20 mg to 110 mg, from 20 mg to 100 mg, from 20 mg to 90 mg, from 20 mg to 80 mg, from 20 mg to 70 mg, from 20 mg to 60 mg, from 20 mg to 50 mg, from 20 mg to 40 mg, from 20 mg to 30 mg, from 30 mg to 140 mg, from 30 mg to 130 mg, from 30 mg to 120 mg, from 30 mg to 110 mg, from 30 mg to 100 mg, from 30 mg to 90 mg, from 30 mg to 80mg, from 30 mg to 70 mg, from 30 mg to 60 mg, from 30 mg to 50 mg, from 30 mg to 40mg, from 40 mg to 140 mg, from 40 mg to 130 mg, from 40 mg to 120 mg, from from 40 mg to 110 mg, from 40 mg to 100 mg, from 40 mg to 90 mg, from 40 mg to 80 mg, from 40 mg to 70 mg, from 40 mg to 60 mg, from 40 mg to 50 mg, from 50 mg to 140 mg, from 50 mg to 130 mg, from 50 mg to 120 mg, from 50 mg to 110 mg, from 50 mg to 100 mg, from 50 mg to 90 mg, from 50 mg to 80 mg, from 50 mg to 70 mg, from 50 mg to 60 mg, from 60 mg to 140 mg, from 60 mg to 130 mg, from 60 mg to 120 mg, from 60 mg to 110 mg, from 60 mg to 100 mg, from 60 mg to 90 mg, from 60 mg to 80 mg, from 60 mg to 70 mg, from 70 mg to 140 mg, from 70 mg to 130 mg, from 70 mg to 120 mg, from 70 mg to 110 mg, from 70 mg to 100 mg, from 70 mg to 90 mg, from 70 mg to 80 mg, from 80 mg to 140 mg, from 80 mg to 130 mg, from 80 mg to 120 mg, from 80 mg to 110 mg, from 80 mg to 100 mg, from 80 mg to 90 mg, from 90 mg to 140 mg, from 90 mg to 130 mg, from 90 mg to 120 mg, from 90 mg to 110mg, from 90 mg to 100 mg, from 100 mg to 140 mg, from 100 mg to 130 mg, from 100 mg to 120 mg, from 100 mg to 110 mg, from 110 mg to 140 mg, from 110 mg to 130 mg, from 110 mg to 120 mg, from 120 mg to 140 mg, from 120 mg to 130 mg, from 130 mg to 140 mg, from 65 mg to 95 mg, from 65 mg to 90 mg, from 65 mg to 85 mg from 65 mg to 80 mg, from 65 mg to 75 mg, from 65 mg to 70 mg, from 70 mg to 95 mg,

from 70 mg to 85 mg, from 70 mg to 75 mg, from 75 mg to 100 mg, from 75 mg to 95 mg, from 75 mg to 90 mg, from 75 mg to 85 mg, from 75 mg to 80 mg, from 80 mg to 95 mg, from 80 mg to 85 mg, from 85 mg to 100 mg, from 85 mg to 90 mg, from 90 mg to 95 mg, from 95 mg to 100 mg, from 80 mg to 89 mg, from 80 mg to 88 mg, from 80 mg to 87 mg, from 80 mg to 86 mg, from 80 mg to 84 mg, from 80 mg to 83 mg, from 80 mg to 82 mg, from 80 mg to 81 mg, from 81 mg to 90 mg, from 82 mg to 89 mg, from 82 mg to 88 mg, from 82 mg to 87 mg, from 82 mg to 86 mg, from 82 mg to 85 mg, from 82 mg to 84 mg, from 82 mg to 83 mg, from 83 mg to 90 mg, from 83 mg to 89 mg, from 83 mg to 88 mg, from 83 mg to 87 mg, from 83 mg to 86 mg, from 83 mg to 85 mg, from 83 mg to 84 mg, from 84 mg to 90 mg, from 84 mg to 89 mg, from 84 mg to 88 mg, from 84 mg to 87 mg, from 84 mg to 86 mg, from 84 mg to 85 mg, from 85 mg to 89 mg, from 85 mg to 88 mg, from 85 mg to 87 mg, from 85 mg to 86 mg, from 86 mg to 90 mg, from 86 mg to 89 mg, from 86 mg to 88 mg, from 86 mg to 87 mg, from 87 mg to 90 mg, from 87 mg to 89 mg, from 87 mg to 88 mg, from 88 mg to 90 mg, from 88 mg to 89 mg, from 89 mg to 90 mg; and

b) less than about 300 mg, less than about 295 mg, less than about 290 mg, less than about 285 mg, less than about 280 mg, less than about 275 mg, less than 270 mg, less than 265 mg, less than about 260 mg, less than 255 mg, less than about 250 mg, less than about 245 mg, less than about 240 mg, less than about 235 mg, less than about 230 mg, less than about 225 mg, less than about 220 mg, less than about 215 mg, less than about 210 mg, less than about 205 mg, less than about 200 mg, less than about 195 mg, less than about 190 mg, less than about 185 mg, less than about 180 mg, less than about 175 mg, less than about 170 mg, less than about 165 mg, less than about 160 mg, less than about 150 mg, less than about 145 mg, less than about 140 mg, less than about 135 mg, less than about 130 mg, less than about 125 mg, less than about 120 mg, less than about 115 mg, less than about 110 mg, less than about 105 mg, less than about 100 mg, less than about 95 mg, less than about 90 mg, less than about 85 mg, less than about 80 mg, less than about 75 mg, less than about 70 mg, less than about 65 mg, less than about 60 mg, less than about 55 mg, less than about 50 mg, less than about 45 mg, less than about 40 mg, less than about 35 mg, less than about 30 mg, less than about 25 mg, and less than about 20 mg..

35. The method of any one of claims 27 to 31, comprising administering an amount of the oligomeric compound selected from:

a) at least about 10 mg, at least about 15 mg, at least about 20 mg, at least about 25 mg, at least about 30 mg, at least about 35 mg, at least about 40 mg, at least about 45 mg, at least about 50 mg, at least about 55 mg, at least about 60 mg, at least about 65 mg, at least about 70 mg, at least about 75 mg, at least about 80 mg, at least about 85 mg, at least about 90 mg, at least about 95 mg, at least about 100 mg, at least about 105 mg, at least about 115 mg, at least about 120 mg, at least about 125 mg, at least about 130 mg, at least about 135 mg, at least about 140 mg, at least about 145 mg, at least about 150 mg; and

b) at least 10 mg, at least 15 mg, at least 20 mg, at least 25 mg, at least 30 mg, at least 35 mg, at least 40 mg, at least 45 mg, at least 50 mg, at least 55 mg, at least 60 mg, at least 65 mg, at least 70 mg, at least

75 mg, at least 80 mg, at least 85 mg, at least 90 mg, at least 95 mg, at least about 100 mg, at least 105 mg, at least 115 mg, at least 120 mg, at least 125 mg, at least 130 mg, at least 135 mg, at least 140 mg, at least 145 mg, and at least 150 mg.

36. The method of any one of claims 27 to 35, wherein the concentration of the oligomeric compound in the pharmaceutically acceptable carrier or diluent is selected from:

a) 5 mg/ml, 10 mg/ml, 15 mg/ml, 20 mg/ml, 25 mg/ml, 30 mg/ml, 35 mg/ml, 40 mg/ml, 45 mg/ml, 50 mg/ml, 55 mg/ml, 60 mg/ml, 65 mg/ml, 70 mg/ml, 75 mg/ml, 80 mg/ml, 85 mg/ml, 90 mg/ml, 95 mg/ml, 100 mg/ml, 105 mg/ml, 110 mg/ml, 115 mg/ml, 120 mg/ml, 125 mg/ml, 130 mg/ml, 135 mg/ml, 140 mg/ml, 145 mg/ml, 150 mg/ml, 155 mg/ml, 160 mg/ml;

b) about 5 mg/ml, about 10 mg/ml, about 15 mg/ml, about 20 mg/ml, about 25 mg/ml, about 30 mg/ml, about 35 mg/ml, about 40 mg/ml, about 45 mg/ml, about 50 mg/ml, about 55 mg/ml, about 60 mg/ml, about 65 mg/ml, about 70 mg/ml, about 75 mg/ml, about 80 mg/ml, about 85 mg/ml, about 90 mg/ml, about 95 mg/ml, about 100 mg/ml, about 105 mg/ml, about 110 mg/ml, about 115 mg/ml, about 120 mg/ml, about 125 mg/ml, about 130 mg/ml, about 135 mg/ml, about 140 mg/ml, about 145 mg/ml, about 150 mg/ml, about 155 mg/ml, about 160 mg/ml; and

c) 20 mg/ml, 21 mg/ml, 22 mg/ml, 23 mg/ml, 24 mg/ml, 25 mg/ml, 26 mg/ml, 27 mg/ml, 28 mg/ml, 29 mg/ml, 30 mg/ml, 31 mg/ml, 32 mg/ml, 33 mg/ml, 34 mg/ml, 35 mg/ml, 36 mg/ml, 37 mg/ml, 38 mg/ml, 39 mg/ml, 40 mg/ml, 41 mg/ml, 42 mg/ml, 43 mg/ml, 44 mg/ml, 45 mg/ml, 46 mg/ml, 47 mg/ml, 48 mg/ml, 49 mg/ml, 50 mg/ml, 51 mg/ml, 52 mg/ml, 53 mg/ml, 54 mg/ml, 55 mg/ml, 56 mg/ml, 57 mg/ml, 58 mg/ml, 59 mg/ml, 60 mg/ml, 61 mg/ml, 62 mg/ml, 63 mg/ml, 64 mg/ml, 65 mg/ml, 66 mg/ml, 67 mg/ml, 68 mg/ml, 69 mg/ml, 70 mg/ml, 71 mg/ml, 72 mg/ml, 73 mg/ml, 74 mg/ml, 75 mg/ml, 76 mg/ml, 77 mg/ml, 78 mg/ml, 79 mg/ml, 80 mg/ml, 81 mg/ml, 82 mg/ml, 83 mg/ml, 84 mg/ml, 85 mg/ml, 86 mg/ml, 87 mg/ml, 88 mg/ml, 89 mg/ml, 90 mg/ml, 91 mg/ml, 92 mg/ml, 93 mg/ml, 94 mg/ml, 95 mg/ml, 96 mg/ml, 97 mg/ml, 98 mg/ml, 99 mg/ml, 100 mg/ml, 101 mg/ml, 102 mg/ml, 103 mg/ml, 104 mg/ml, 105 mg/ml, 106 mg/ml, 107 mg/ml, 108 mg/ml, 109 mg/ml, 110 mg/ml, 111 mg/ml, 112 mg/ml, 113 mg/ml, 114 mg/ml, 115 mg/ml, 116 mg/ml, 117 mg/ml, 118 mg/ml, 119 mg/ml, 120 mg/ml, 121 mg/ml, 122 mg/ml, 123 mg/ml, 124 mg/ml, 125 mg/ml, 126 mg/ml, 127 mg/ml, 128 mg/ml, 129 mg/ml, 130 mg/ml, 131 mg/ml, 132 mg/ml, 133 mg/ml, 134 mg/ml, 135 mg/ml, 136 mg/ml, 137 mg/ml, 138 mg/ml, 139 mg/ml, 140 mg/ml;

d) about 20 mg/ml, about 21 mg/ml, about 22 mg/ml, about 23 mg/ml, about 24 mg/ml, about 25 mg/ml, about 26 mg/ml, about 27 mg/ml, about 28 mg/ml, about 29 mg/ml, about 30 mg/ml, about 31 mg/ml, about 32 mg/ml, about 33 mg/ml, about 34 mg/ml, about 35 mg/ml, about 36 mg/ml, about 37 mg/ml, about 38 mg/ml, about 39 mg/ml, about 40 mg/ml, about 41 mg/ml, about 42 mg/ml, about 43 mg/ml, about 44 mg/ml, about 45 mg/ml, about 46 mg/ml, about 47 mg/ml, about 48 mg/ml, about 49 mg/ml, about 50 mg/ml, about 51 mg/ml, about 52 mg/ml, about 53 mg/ml, about 54 mg/ml, about 55 mg/ml, about 56 mg/ml, about 57 mg/ml, about 58 mg/ml, about 59 mg/ml, about 60 mg/ml, about 61

mg/ml, about 62 mg/ml, about 63 mg/ml, about 64 mg/ml, about 65 mg/ml, about 66 mg/ml, about 67 mg/ml, about 68 mg/ml, about 69 mg/ml, about 70 mg/ml, about 71 mg/ml, about 72 mg/ml, about 73 mg/ml, about 74 mg/ml, about 75 mg/ml, about 76 mg/ml, about 77 mg/ml, about 78 mg/ml, about 79 mg/ml, about 80 mg/ml, about 81 mg/ml, about 82 mg/ml, about 83 mg/ml, about 84 mg/ml, about 85 mg/ml, about 86 mg/ml, about 87 mg/ml, about 88 mg/ml, about 89 mg/ml, about 90 mg/ml, about 91 mg/ml, about 92 mg/ml, about 93 mg/ml, about 94 mg/ml, about 95 mg/ml, about 96 mg/ml, about 97 mg/ml, about 98 mg/ml, about 99 mg/ml, about 100 mg/ml, about 101 mg/ml, about 102 mg/ml, about 103 mg/ml, about 104 mg/ml, about 105 mg/ml, about 106 mg/ml, about 107 mg/ml, about 108 mg/ml, about 109 mg/ml, about 110 mg/ml, about 111 mg/ml, about 112 mg/ml, about 113 mg/ml, about 114 mg/ml, about 115 mg/ml, about 116 mg/ml, about 117 mg/ml, about 118 mg/ml, about 119 mg/ml, about 120 mg/ml, about 121 mg/ml, about 122 mg/ml, about 123 mg/ml, about 124 mg/ml, about 125 mg/ml, about 126 mg/ml, about 127 mg/ml, about 128 mg/ml, about 129 mg/ml, about 130 mg/ml, about 131 mg/ml, about 132 mg/ml, about 133 mg/ml, about 134 mg/ml, about 135 mg/ml, about 136 mg/ml, about 137 mg/ml, about 138 mg/ml, about 139 mg/ml, and about 140 mg/ml.

37. The method of any one of claims 27 to 35, wherein the concentration of the oligomeric compound in the pharmaceutically acceptable carrier or diluent is selected from: 20 mg/ml to 180 mg/ml, 20 mg/ml to 170 mg, 20 mg/ml to 160 mg/ml, 20 mg/ml to 150 mg/ml, 20 mg/ml to 140 mg/ml, 20 mg/ml to 130 mg/ml, 20 mg/ml to 120 mg/ml, 20 mg/ml to 110 mg/ml, 20 mg/ml to 100 mg/ml, 20 mg/ml to 90 mg/ml, 20 mg/ml to 80 mg/ml, 20 mg/ml to 70 mg/ml, 20 mg/ml to 60 mg/ml, 20 mg/ml to 50 mg/ml, 20 mg/ml to 40 mg/ml, 20 mg/ml to 30 mg/ml, 30 mg/ml to 180 mg/ml, 30 mg/ml to 170 mg, 30 mg/ml to 160 mg/ml, 30 mg/ml to 150 mg/ml, 30 mg/ml to 140 mg/ml, 30 mg/ml to 130 mg/ml, 30 mg/ml to 120 mg/ml, 30 mg/ml to 110 mg/ml, 30 mg/ml to 100 mg/ml, 30 mg/ml to 90 mg/ml, 30 mg/ml to 80 mg/ml, 30 mg/ml to 70 mg/ml, 30 mg/ml to 60 mg/ml, 30 mg/ml to 50 mg/ml, 30 mg/ml to 40 mg/ml, 40 mg/ml to 180 mg/ml, 40 mg/ml to 170 mg, 40 mg/ml to 160 mg/ml, 40 mg/ml to 150 mg/ml, 40 mg/ml to 140 mg/ml, 40 mg/ml to 130 mg/ml, 40 mg/ml to 120 mg/ml, 40 mg/ml to 110 mg/ml, 40 mg/ml to 100 mg/ml, 40 mg/ml to 90 mg/ml, 40 mg/ml to 80 mg/ml, 40 mg/ml to 70 mg/ml, 40 mg/ml to 60 mg/ml, 40 mg/ml to 50 mg/ml, 50 mg/ml to 180 mg/ml, 50 mg/ml to 170 mg, 50 mg/ml to 160 mg/ml, 50 mg/ml to 150 mg/ml, 50 mg/ml to 140 mg/ml, 50 mg/ml to 130 mg/ml, 50 mg/ml to 120 mg/ml, 50 mg/ml to 110 mg/ml, 50 mg/ml to 100 mg/ml, 50 mg/ml to 90 mg/ml, 50 mg/ml to 80 mg/ml, 50 mg/ml to 70 mg/ml, 50 mg/ml to 60 mg/ml, 60 mg/ml to 180 mg/ml, 60 mg/ml to 170 mg, 60 mg/ml to 160 mg/ml, 60 mg/ml to 150 mg/ml, 60 mg/ml to 140 mg/ml, 60 mg/ml to 130 mg/ml, 60 mg/ml to 120 mg/ml, 60 mg/ml to 110 mg/ml, 60 mg/ml to 100 mg/ml, 60 mg/ml to 90 mg/ml, 60 mg/ml to 80 mg/ml, 60 mg/ml to 70 mg/ml, 70 mg/ml to 180 mg/ml, 70 mg/ml to 170 mg, 70 mg/ml to 160 mg/ml, 70 mg/ml to 150 mg/ml, 70 mg/ml to 140 mg/ml, 70 mg/ml to 130 mg/ml, 70 mg/ml to 120 mg/ml, 70 mg/ml to 110 mg/ml, 70 mg/ml to 100 mg/ml, 70 mg/ml to 90 mg/ml, 70 mg/ml to 80 mg/ml, 80 mg/ml to 180 mg/ml, 80 mg/ml to 170 mg, 80 mg/ml to 160 mg/ml, 80 mg/ml to 150 mg/ml, 80 mg/ml to 140 mg/ml, 80 mg/ml to 130

~~mg/ml, 80 mg/ml to 120 mg/ml, 80 mg/ml to 110 mg/ml, 80 mg/ml to 100 mg/ml, 80 mg/ml to 90 mg/ml, 90 mg/ml to 180 mg/ml, 90 mg/ml to 170 mg, 90 mg/ml to 160 mg/ml, 90 mg/ml to 150 mg/ml, 90 mg/ml to 140 mg/ml, 90 mg/ml to 130 mg/ml, 90 mg/ml to 120 mg/ml, 90 mg/ml to 110 mg/ml, 90 mg/ml to 100 mg/ml, 100 mg/ml to 180 mg/ml, 100 mg/ml to 170 mg, 100 mg/ml to 160 mg/ml, 100 mg/ml to 150 mg/ml, 100 mg/ml to 140 mg/ml, 100 mg/ml to 130 mg/ml, 100 mg/ml to 120 mg/ml, 100 mg/ml to 110 mg/ml, 110 mg/ml to 180 mg/ml, 110 mg/ml to 170 mg, 110 mg/ml to 160 mg/ml, 110 mg/ml to 150 mg/ml, 110 mg/ml to 140 mg/ml, 110 mg/ml to 130 mg/ml, 110 mg/ml to 120 mg/ml, 120 mg/ml to 180 mg/ml, 120 mg/ml to 170 mg, 120 mg/ml to 160 mg/ml, 120 mg/ml to 150 mg/ml, 120 mg/ml to 140 mg/ml, 120 mg/ml to 130 mg/ml, 130 mg/ml to 180 mg/ml, 130 mg/ml to 170 mg, 130 mg/ml to 160 mg/ml, 130 mg/ml to 150 mg/ml, 130 mg/ml to 140 mg/ml, 140 mg/ml to 180 mg/ml, 140 mg/ml to 170 mg/ml, 140 mg/ml to 160 mg/ml, 140 mg/ml to 150 mg/ml, 150 mg/ml to 180 mg/ml, 150 mg/ml to 170 mg/ml, 150 mg/ml to 160 mg/ml, 160 mg/ml to 180 mg/ml, 160 mg/ml to 170 mg/ml, and 170 mg/ml to 180 mg/ml.~~

~~38. The method of any one of claims 27 to 37, wherein the pharmaceutical composition is a form of a dosage unit, wherein the dosage unit is characterized by a volume selected from:~~

~~a) 0.1 ml to 1.5 ml, 0.1 ml to 1.4 ml, 0.1 ml to 1.3 ml, 0.1 ml to 1.2 ml, 0.1 ml to 1.1 ml, 0.1 ml to 1.0 ml, 0.1 ml to 0.9 ml, 0.1 ml to 0.8 ml, 0.1 ml to 0.7 ml, 0.1 ml to 0.6 ml, 0.1 ml to 0.5 ml, 0.1 ml to 0.4 ml, 0.1 ml to 0.3 ml, 0.1 ml to 0.2 ml, 0.2 ml to 1.5 ml, 0.2 ml to 1.4 ml, 0.2 ml to 1.3 ml, 0.2 ml to 1.2 ml, 0.2 ml to 1.1 ml, 0.2 ml to 1.0 ml, 0.2 ml to 0.9 ml, 0.2 ml to 0.8 ml, 0.2 ml to 0.7 ml, 0.2 ml to 0.6 ml, 0.2 ml to 0.5 ml, 0.2 ml to 0.4 ml, 0.2 ml to 0.3 ml, 0.3 ml to 1.5ml, 0.3 ml to 1.4 ml, 0.3 ml to 1.3 ml, 0.3 ml to 1.2 ml, 0.3 ml to 1.1 ml, 0.3 ml to 1.0 ml, 0.3 ml to 0.9 ml, 0.3 ml to 0.8 ml, 0.3 ml to 0.7 ml, 0.3 ml to 0.6 ml, 0.3 ml to 0.5 ml, 0.3 ml to 0.4 ml, 0.4 ml to 1.5 ml, 0.4 ml to 1.4 ml, 0.4 ml to 1.3 ml, 0.4 ml to 1.2 ml, 0.4 ml to 1.1 ml, 0.4 ml to 1.0 ml, 0.4 ml to 0.9 ml, 0.4 ml to 0.8 ml, 0.4 ml to 0.7 ml, 0.4 ml to 0.6 ml, 0.4 ml to 0.5 ml, 0.5 ml to 1.5 ml, 0.5 ml to 1.4 ml, 0.5 ml to 1.3 ml, 0.5. ml to 1.2 ml, 0.5 ml to 1.1 ml, 0.5 ml to 1.0 ml, 0.5 ml to 0.9 ml, 0.5 ml to 0.8 ml, 0.5 ml to 0.7 ml, 0.5 ml to 0.6 ml, 0.6 ml to 1.5 ml, 0.6 ml to 1.4 ml, 0.6 mo to 1.3 ml, 0.6 ml to 1.2 ml, 0.6 ml to 1.1 ml, 0.6 ml to 1.0 ml, 0.6 ml to 0.9 ml, 0.6 ml to 0.8 ml, 0.6 ml to 0.7 ml, 0.7 ml, to 1.5 ml, 0.7 ml to 1.4 ml, 0.7 ml to 1.3 ml, 0.7 ml to 1.2 ml, 0.7 ml to 1.1 ml, 0.7 ml to 1.0 ml, 0.7 ml to 0.9 ml, 0.7 ml to 0.8 ml, 0.8 ml to 1.5 ml, 0.8 ml to 1.4 ml, 0.8 ml to 1.3 ml, 0.8 ml to 1.2 ml, 0.8 ml to 1.1 ml, 0.8 ml to 1.0 ml. 0.8 ml to 0.9 ml, 0.9 ml, to 1.5 ml, 0.9 ml to 1.4 ml, 0.9 ml to 1.3 ml, 0.9 ml to 1.2 ml, 0.9 ml, to 1.1 ml, 0.9 ml to 1.0 ml, 1.0 ml to 1.5 ml, 1.0 ml to 1.4 ml, 1.0 ml to 1.3 ml, 1.0 ml to 1.2 ml, 1.0 ml to 1.1 ml, 1.1 ml to 1.5 ml, 1.1 ml to 1.4 ml, 1.1 ml to 1.3 ml, 1.1 ml to 1.2 ml, 1.2 ml to 1.5 ml, 1.2 ml to 1.4 ml, 1.2 ml to 1.3 ml, 1.3 ml to 1.5 ml, 1.3 ml to 1.4 ml, 1.4 ml to, 1.5ml; and~~

~~b) about 0.1 ml to about 1.5 ml, about 0.1 ml to about 1.4 ml, about 0.1 ml to about 1.3 ml, about 0.1 ml to about 1.2 ml, about 0.1 ml to about 1.1 ml, about 0.1 ml to about 1.0 ml, about 0.1 ml to about 0.9 ml, about 0.1 ml to about 0.8 ml, about 0.1 ml to about 0.7 ml, about 0.1 ml to about 0.6 ml, about 0.1 ml~~

~~to about 0.5 ml, about 0.1 ml to about 0.4 ml, about 0.1 ml to about 0.3 ml, about 0.1 ml to about 0.2 ml, about 0.2 ml to about 1.5 ml, about 0.2 ml to about 1.4 ml, about 0.2 ml to about 1.3 ml, about 0.2 ml to about 1.2 ml, about 0.2 ml to about 1.1 ml, about 0.2 ml to about 1.0 ml, about 0.2 ml to about 0.9 ml, about 0.2 ml to about 0.8 ml, about 0.2 ml to about 0.7 ml, about 0.2 ml to about 0.6 ml, about 0.2 ml to about 0.5 ml, about 0.2 ml to about 0.4 ml, about 0.2 ml to about 0.3 ml, about 0.3 ml to about 1.5ml, about 0.3 ml to about 1.4 ml, about 0.3 ml to about 1.3 ml, about 0.3 ml to about 1.2 ml, about 0.3 ml to about 1.1 ml, about 0.3 ml to about 1.0 ml, about 0.3 ml to about 0.9 ml, about 0.3 ml to about 0.8 ml, about 0.3 ml to about 0.7 ml, about 0.3 ml to about 0.6 ml, about 0.3 ml to about 0.5 ml, about 0.3 ml to about 0.4 ml, about 0.4 ml to about 1.5 ml, about 0.4 ml to about 1.4 ml, about 0.4 ml to about 1.3 ml, about 0.4 ml to about 1.2 ml, about 0.4 ml to about 1.1 ml, about 0.4 ml to about 1.0 ml, about 0.4 ml to about 0.9 ml, about 0.4 ml to about 0.8 ml, about 0.4 ml to about 0.7 ml, about 0.4 ml to about 0.6 ml, about 0.4 ml to about 0.5 ml, about 0.5 ml to about 1.5 ml, about 0.5 ml to about 1.4 ml, about 0.5 ml to about 1.3 ml, about 0.5. ml to about 1.2 ml, about 0.5 ml to about 1.1 ml, about 0.5 ml to about 1.0 ml, about 0.5 ml to about 0.9 ml, about 0.5 ml to about 0.8 ml, about 0.5 ml to about 0.7 ml, about 0.5 ml to about 0.6 ml, about 0.6 ml to about 1.5 ml, about 0.6 ml to about 1.4 ml, about 0.6 ml to about 1.3 ml, about 0.6 ml to about 1.2 ml, about 0.6 ml to about 1.1 ml, about 0.6 ml to about 1.0 ml, about 0.6 ml to about 0.9 ml, about 0.6 ml to about 0.8 ml, about 0.6 ml to about 0.7 ml, about 0.7 ml, about to about 1.5 ml, about 0.7 ml to about 1.4 ml, about 0.7 ml to about 1.3 ml, about 0.7 ml to about 1.2 ml, about 0.7 ml to about 1.1 ml, about 0.7 ml to about 1.0 ml, about 0.7 ml to about 0.9 ml, about 0.7 ml to about 0.8 ml, about 0.8 ml to about 1.5 ml, about 0.8 ml to about 1.4 ml, about 0.8 ml to about 1.3 ml, about 0.8 ml to about 1.2 ml, about 0.8 ml to about 1.1 ml, about 0.8 ml to about 1.0 ml. 0.8 ml to about 0.9 ml, about 0.9 ml, about to about 1.5 ml, about 0.9 ml to about 1.4 ml, about 0.9 ml to about 1.3 ml, about 0.9 ml to about 1.2 ml, about 0.9 ml, about to about 1.1 ml, about 0.9 ml to about 1.0 ml, about 1.0 ml to about 1.5 ml, about 1.0 ml to about 1.4 ml, about 1.0 ml to about 1.3 ml, about 1.0 ml to about 1.2 ml, about 1.0 ml to about 1.1 ml, about 1.1 ml to about 1.5 ml, about 1.1 ml to about 1.4 ml, about 1.1 ml to about 1.3 ml, about 1.1 ml to about 1.2 ml, about 1.2 ml to about 1.5 ml, about 1.2 ml to about 1.4 ml, about 1.2 ml to about 1.3 ml, about 1.3 ml to about 1.5 ml, about 1.3 ml to about 1.4 ml, and about 1.4 ml to about 1.5ml.~~

~~39. The method of any one of claims 27-38, comprising administering a first dose and a second dose of the pharmaceutical composition.~~

~~40. The method of claim 39, wherein the first dose and the second dose are separated by 5, 10, 15, 20, 25, 30, 35, or 40 days.~~

~~41. The method of claim 39, wherein the first dose and the second dose are separated by 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, or 40 days.~~

~~42. The method of claim 39, wherein the first dose and the second dose are separated by 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10 weeks.~~

43. The method of claim 39, wherein the first dose and the second dose are separated by 1, 2, 3, 4, 5, or 6 months.

44. The method of claim 39, comprising administering the pharmaceutical composition monthly or about monthly.

45. The method of claim 44, comprising administering the pharmaceutical composition over at least two months, at least three months, at least four months, at least five months, or at least six months.

46. The method of claim 39, comprising administering the pharmaceutical composition weekly or about weekly.

47. The method of claim 46, comprising administering the pharmaceutical composition to the animal weekly or about weekly for less than 2 weeks, less than 3 weeks, less than 4 weeks, less than 5 weeks, less than 6 weeks, less than 8 week, less than 12 weeks, less than 16 weeks, or less than 20 weeks.

48. The method of any one of claims 27-47, wherein administering comprises performing a subcutaneous injection on the animal.

49. The method of any one of claims 27-48, wherein administering comprises self-administration.

50. The method of any one of claims 27-47, wherein administering comprises performing an intravenous injection on the animal.

51. The method of any one of claims 27-50, comprising administering the pharmaceutical composition at least 1, at least 2, at least 3, at least 4, at least 5, at least 6, at least 8, or at least 10 times.

52. The method of any one of claims 27-50, comprising administering the pharmaceutical composition less than 20 times, less than 15 times, less than 10 times, or less than 5 times.

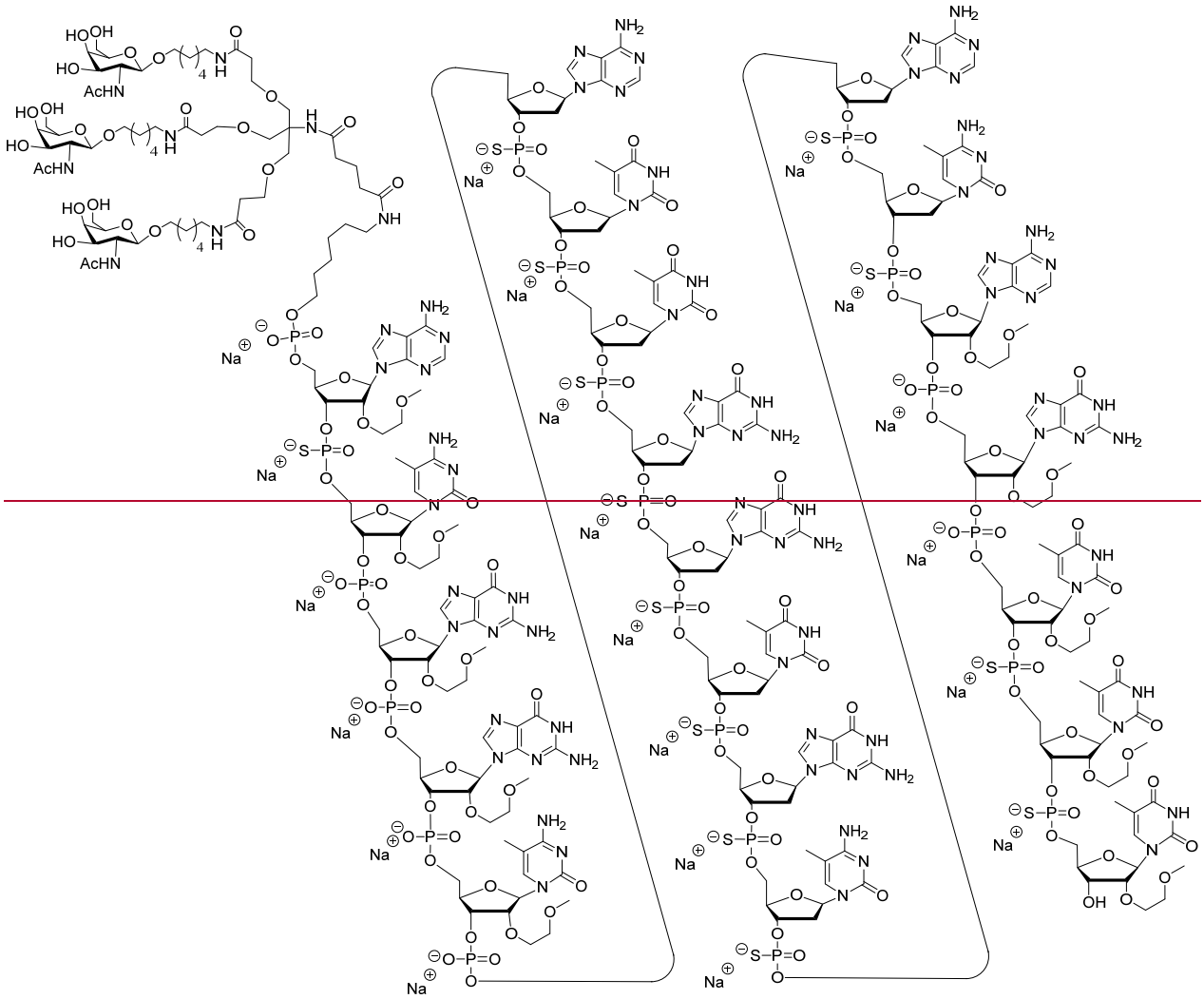
53. The method of any one of claims 27-52, wherein the animal has been identified as having a thromboembolic condition or has been identified as being at risk of having a thromboembolic condition.

54. The method of claim 53, further comprising identifying the animal as having the thromboembolic condition or at risk for having the thromboembolic condition.

55. The method of any one of claims 27-52, wherein the animal has been identified as having a disease selected from end stage renal disease (ESRD), chronic kidney disease (CKD), and coronary artery disease (CAD), or has been identified as being at risk for a disease selected from ESRD, CKD, and CAD.

56. The method of claim 55, further comprising identifying the animal as having the disease, or identifying the animal as being at risk for having the disease.

57. A method comprising administering a first dose and a second dose of an oligomeric compound according to the following formula:



(SEQ ID NO: 3)

wherein the first dose and the second dose are separated by 20 to 40 days, and wherein the oligomeric compound is in the form of a dosage unit consisting or consisting essentially of about 40 mg, about 45 mg, about 50 mg, about 55 mg, about 60 mg, about 65 mg, about 70 mg, about 75 mg, about 80 mg, about 85 mg, about 90 mg, about 95 mg, or about 100 mg of the oligomeric compound and about 0.4 ml, about 0.5 ml, about 0.6 ml, about 0.7 ml, about 0.8 ml, about 0.9 ml, or about 1 ml of a pharmaceutically acceptable carrier or diluent.

58. The method of claim 57, wherein the first dose and the second dose are separated by 27 to 32 days, and wherein the dosage unit consists or consists essentially of 75 mg to 85 mg of the oligomeric compound and 0.7 ml to 0.9 ml of the pharmaceutically acceptable carrier or diluent.

59. The method of claim 57, wherein the dosage unit consists or consists essentially of about 80 mg of the oligomeric compound and about 0.8 ml of the pharmaceutically acceptable carrier or diluent.

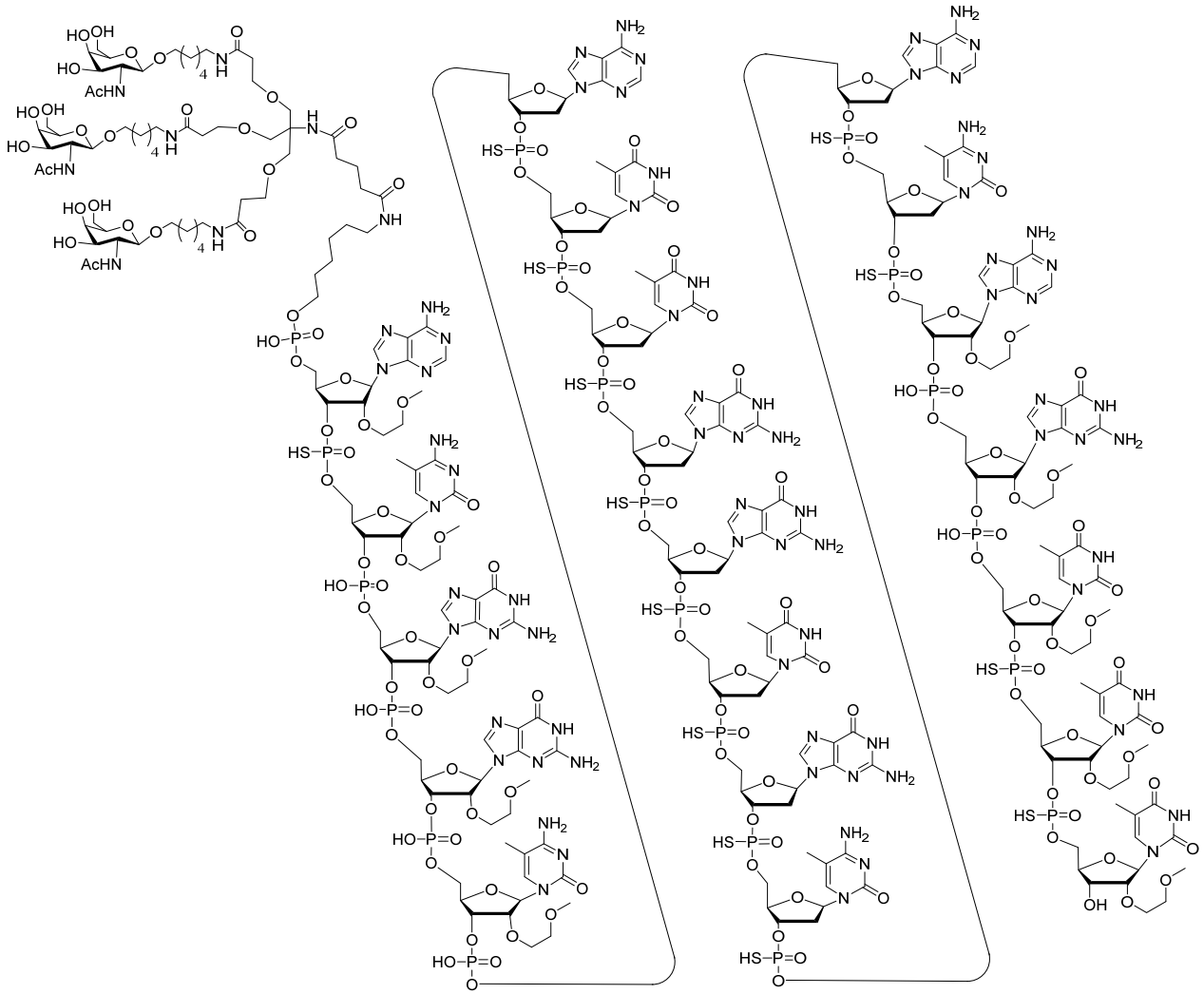
~~60. A method comprising administering a dosage unit to an animal monthly, wherein the dosage unit consists or consists essentially of the oligomeric compound of any one of embodiments 1-5 and a pharmaceutically acceptable carrier or diluent, and wherein the concentration of the oligomeric compound is 80 mg/ml to 120 mg/ml.~~

~~61. A method comprising administering a dosage unit to an animal monthly, wherein the dosage unit consists or consists essentially of the oligomeric compound of any one of embodiments 1-5 and a pharmaceutically acceptable carrier or diluent, and wherein the concentration of the oligomeric compound is about 100 mg/ml.~~

~~62. The method of any one of claims 57 to 61, wherein the pharmaceutically acceptable carrier or diluent is phosphate buffered saline.~~

~~63. A lyophilized powder comprising the oligomeric compound of any one of claims 1-5.~~

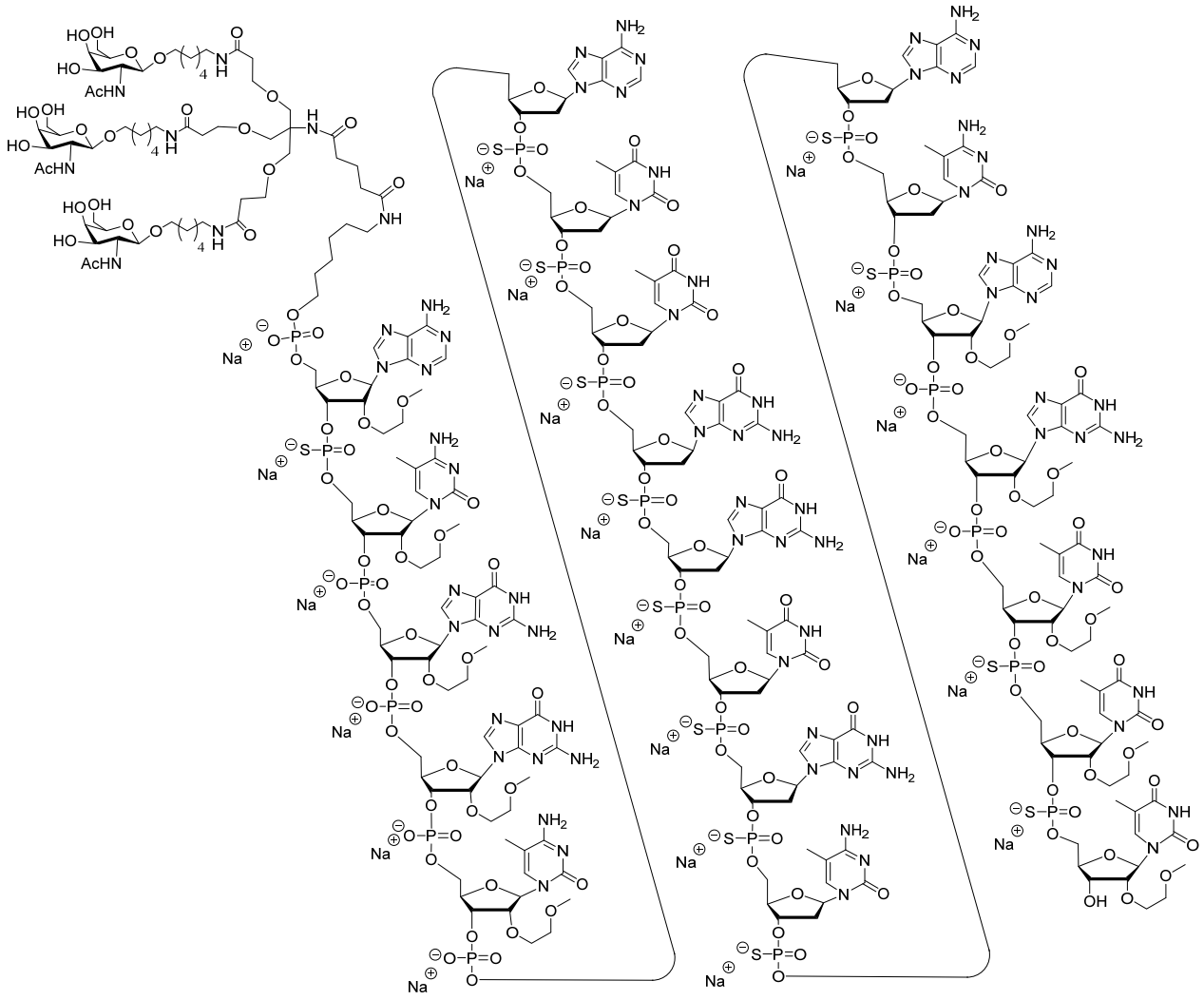
1. An oligomeric compound according to the following chemical structure:



(SEQ ID NO: 3)

or a salt thereof.

2. An oligomeric compound according to the following chemical structure:



(SEQ ID NO: 3).

3. An oligomeric compound comprising a modified oligonucleotide and a conjugate group according to the following formula:

(THA-GalNAc$_3$)o Aes mCeo Geo Geo mCeo Ads Tds Tds Gds Gds Tds Gds mCds Ads mCds Aeo Geo Tes Tes Te (SEQ ID NO: 3); wherein,

A = an adenine nucleobase,

mC = a 5-methyl cytosine nucleobase,

G = a guanine nucleobase,

T = a thymine nucleobase,

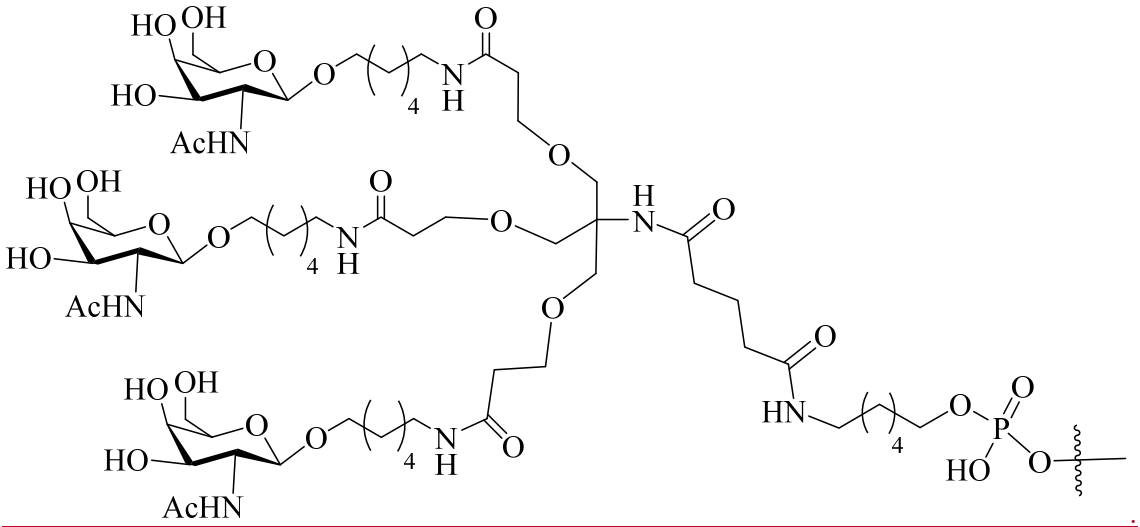
e = a 2'- $OCH_2CH_2OCH_3$ ribosyl sugar moiety,

d = a 2'- deoxyribosyl sugar moiety,

s = a phosphorothioate internucleoside linkage,

o = a phosphodiester internucleoside linkage, and

(THA-GalNAc$_3$)o =



.

4. The oligomeric compound of claim 1, which is the sodium salt or the potassium salt.

5. A population of oligomeric compounds of any one of claims 1-4, wherein all of the phosphorothioate internucleoside linkages are stereorandom.

6. A pharmaceutical composition comprising the oligomeric compound of any one of claims 1-4, or the population of oligomeric compounds of claim 5, and a pharmaceutically acceptable diluent.

7. The pharmaceutical composition of claim 6, wherein the pharmaceutically acceptable diluent is sterile saline or sterile water.

8. The pharmaceutical composition of claim 6, wherein the pharmaceutical composition consists of the oligomeric compound and sterile saline or sterile water.

9. The pharmaceutical composition of claim 6, wherein the pharmaceutical composition consists essentially of the oligomeric compound and sterile saline or sterile water.

10. Use of the oligomeric compound of any one of claims 1-4, the population of oligomeric compounds of claim 5, or the pharmaceutical composition of any one of claims 6-9 in the manufacture of a medicament for treating a thromboembolic condition.

11. Use of the oligomeric compound of any one of claims 1-4, the population of oligomeric compounds of claim 5, or the pharmaceutical composition of any one of claims 6-9 in the manufacture of a medicament for treating a disease selected from end stage renal disease (ESRD), chronic kidney disease (CKD), and coronary artery disease (CAD).

12. The oligomeric compound of any one of claims 1-4, the population of oligomeric compounds of claim 5, or the pharmaceutical composition of any one of claims 6-9, for use in therapy.