We claim:

1. A double stranded ribonucleic acid (dsRNA) agent for inhibiting expression of 17β-hydroxysteroid dehydrogenase type 13 (HSD17B13) in a cell, comprising a sense strand and an antisense strand forming a double stranded region,

wherein the sense strand comprises at least 15 contiguous nucleotides which differ by no more than three nucleotides from SEQ ID NO: 4498, and the antisense strand comprises a region of complementarity to at least 15 contiguous nucleotides differing by no more than three nucleotides from nucleotides 2242-2264 of SEQ ID NO: 1,

wherein at least one of the nucleotides of the sense strand and at least one of the nucleotides of the antisense strand comprises a modification selected from the group consisting of a 2′-O-methyl modification and a 2′-fluoro modification.

2. The dsRNA agent of claim 1, wherein all of the nucleotides of the sense strand and all of the nucleotides of the antisense strand are modified.

3. The dsRNA agent of claim 1, wherein the sense strand comprises no more than four 2′-fluoro modified nucleotides.

4. The dsRNA agent of claim 1, wherein the antisense strand comprises no more than six 2′-fluoro modified nucleotides.

5. The dsRNA agent of claim 1, wherein the antisense strand comprises at least one glycol-modified nucleotide.

6. The dsRNA agent of claim 5, wherein the antisense strand comprises a glycol modified nucleotide at position 7, counting from the 5′-end.

7. The dsRNA agent of claim 1, wherein the sense strand comprises four 2′-fluoro modified nucleotides at nucleotides 7 and 9-11, counting from the 5′-end, and

wherein the antisense strand comprises three 2′-fluoro modified nucleotides at nucleotides 2, 14, and 16, counting from the 5′-end, and one glycol modified nucleotide at nucleotide 7, counting from the 5′-end.

8. The dsRNA agent of claim 1, wherein: (a) the sense strand comprises at least one phosphorothioate or methylphosphonate internucleotide linkage; (b) the antisense strand comprises at least one phosphorothioate or methylphosphonate internucleotide linkage; or (c) both the sense strand and the antisense strand each comprise at least one phosphorothioate or methylphosphonate internucleotide linkage.

9. The dsRNA agent of claim 8, wherein the sense strand comprises two phosphorothioate or methylphosphonate internucleotide linkages at the 5′-terminus.

10. The dsRNA agent of claim 8, wherein the antisense strand comprises two phosphorothioate or methylphosphonate internucleotide linkages at each of the 5′-terminus and the 3′-terminus.

11. The dsRNA agent of claim 8, wherein the sense strand comprises two phosphorothioate or methylphosphonate internucleotide linkages at the 5′-terminus and the antisense strand comprises two phosphorothioate or methylphosphonate internucleotide linkages at each of the 5′-terminus and the 3′-terminus.

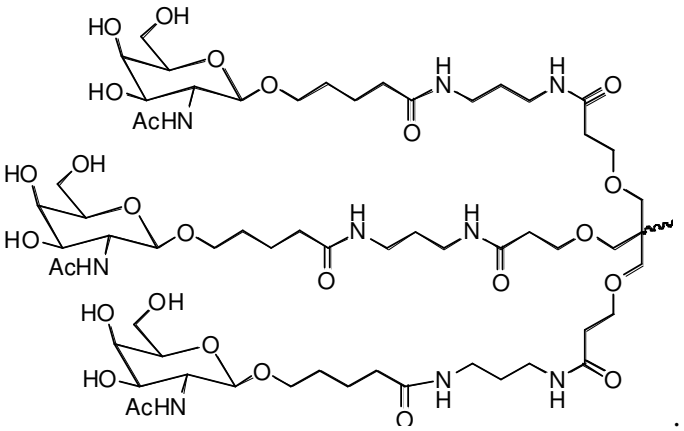
12. The dsRNA agent of claim 1, wherein at least one strand is conjugated to a ligand.

13. The dsRNA agent of claim 12, wherein the ligand is conjugated to the 3′-end of the sense strand.

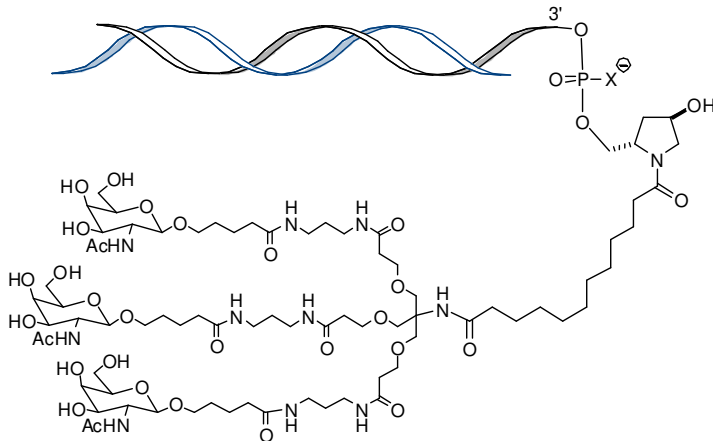
14. The dsRNA agent of claim 1, wherein the ligand comprises an N-acetylgalactosamine (GalNAc) derivative.

15. The dsRNA agent of claim 14, wherein the ligand comprises one or more GalNAc derivatives attached through a monovalent linker, a bivalent branched linker, or a trivalent branched linker.

16. The dsRNA agent of claim 15, wherein the ligand comprises:



17. The dsRNA agent of claim 16, wherein the dsRNA agent is conjugated to the ligand as shown in the following schematic:



and, wherein X is O.

18. A double stranded ribonucleic acid (dsRNA) agent for inhibiting expression of 17β-hydroxysteroid dehydrogenase type 13 (HSD17B13) in a cell, comprising a sense strand and an antisense strand,

wherein the nucleotide sequence of the sense strand consists of the nucleotide sequence of SEQ ID NO: 4498 and the nucleotide sequence of the antisense strand consists of the nucleotide sequence of SEQ ID NO: 4499, and

wherein at least one of the nucleotides of the sense strand and at least one of nucleotides of the antisense strand comprises a modification selected from the group consisting of a 2′-O-methyl modification and a 2′-fluoro modification.

19. The dsRNA agent of claim 18, wherein all of the nucleotides of the sense strand and all of the nucleotides of the antisense strand are modified.

20. The dsRNA agent of claim 19, wherein the sense strand and the antisense strand each contain at least one 2′-O-methyl modification and at least one 2′-fluoro modification.

21. The dsRNA agent of claim 20, wherein the sense strand and/or the antisense strand each independently contain 1-2 phosphorothioate or methylphosphonate internucleotide linkages at their 5′-termini and/or 3′-termini.

22. The dsRNA agent of claim 21, wherein:

(a) the sense strand comprises:

(i) four 2′-fluoro modified nucleotides at nucleotides 7 and 9-11, counting from the 5′-end;

(ii) seventeen 2′-O-methyl modified nucleotides at nucleotides 1-6, 8, and 12-21, counting from the 5′-end; and

(iii) phosphorothioate linkages between nucleotides 1 and 2 and between nucleotides 2 and 3, counting from the 5′-end; and

(b) the antisense strand comprises:

(i) three 2′-fluoro modified nucleotides at nucleotides 2, 14, and 16, counting from the 5′-end;

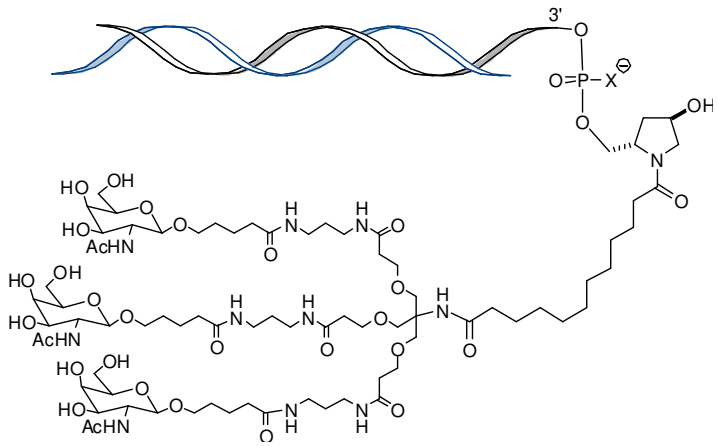
(ii) nineteen 2′-O-methyl modified nucleotides at nucleotides 1, 3-6, 8-13, 15, and 17-23, counting from the 5′-end;

(iii) one glycol modified nucleotide at nucleotide 7, counting from the 5′-end; and

(iv) phosphorothioate linkages between nucleotides 1 and 2, between nucleotides 2 and 3, between nucleotides 21 and 22, and between nucleotides 22 and 23, counting from the 5′-end.

23. The dsRNA agent of claim 22, wherein the sense strand is conjugated to a ligand, wherein the ligand comprises a multivalent galactose, an N-acetylgalactosamine, an N-acetylgalactosamine derivative, a divalent N-acetylgalactosamine, or a trivalent N-acetylgalactosamine.

24. The dsRNA agent of claim 23, wherein the dsRNA agent is conjugated to the ligand as shown in the following schematic:



and, wherein X is O.

25. A pharmaceutical composition for inhibiting expression of a gene encoding 17β-hydroxysteroid dehydrogenase type 13 (HSD17B13) comprising the dsRNA agent of claim 1.

26. The pharmaceutical composition of claim 25, wherein the dsRNA agent is in a buffered solution.

27. The pharmaceutical composition of claim 26, wherein the buffered solution comprises acetate, citrate, prolamine, carbonate, phosphate, phosphate buffered saline, or any combination thereof.

28. A pharmaceutical composition for inhibiting expression of a gene encoding 17β-hydroxysteroid dehydrogenase type 13 (HSD17B13) comprising the dsRNA agent of claim 24.

29. The pharmaceutical composition of claim 28, wherein the dsRNA agent is in a buffered solution.

30. The pharmaceutical composition of claim 29, wherein the buffered solution comprises acetate, citrate, prolamine, carbonate, phosphate, phosphate buffered saline, or any combination thereof.