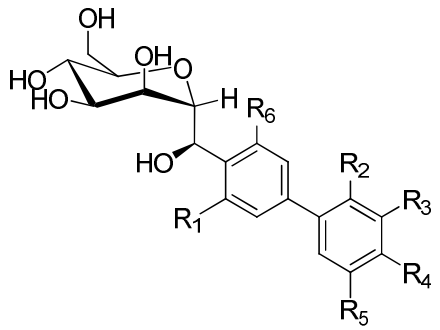
What is claimed is:

1. A compound of Formula I, or a pharmaceutically acceptable salt thereof,



(I)

in which

R_1 is CH_3, CF_3, or Cl;

R_2 is F, Cl, OR', or H;

R_3, R_4, and R_5 are independently H, F, Cl, Br, C_{3-6}cycloalkyl, OR', -N(C_{1-6}alkyl)$_2$, C_{2-6} alkenyl, C_{2-6} alkynyl, or C_{1-6} alkyl optionally substituted with up to seven fluorine atoms, up to one hydroxy, up to one -N(C_{1-6}alkyl)$_2$, and up to one -OC_{1-6}alkyl; provided not all R_3, R_4, and R_5 are hydrogen simultaneously.

R_6 is H or F;

R' is independently H or C_{1-6} alkyl optionally substituted with up to seven fluorine atoms.

2. A compound or pharmaceutically acceptable salt thereof according to claim 1, wherein R_1 is CH_3 or CF_3.

3. A compound or pharmaceutically acceptable salt thereof according to claim 1 or 2, wherein R_1 is CH_3.

4. A compound or a pharmaceutically acceptable salt thereof of claim 1 in which

R_1 is CH_3 or CF_3;

R_2 is H;

R_3 is F;

R_4 is CH_3, Cl, Br, vinyl, CF_3, F, or H;

R_5 is F or H; and

R_6 is H.

5. The compound of claim 4 that is selected from:

(2R,3S,4S,5S,6R)-2-((R)-(3',5'-difluoro-3,4'-dimethyl-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-(4'-Chloro-3',5'-difluoro-3-methyl-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-(4'-bromo-3',5'-difluoro-3-methyl-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-(3',5'-difluoro-3-methyl-4'-vinyl-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-(3'-fluoro-3-methyl-4'-(trifluoromethyl)-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

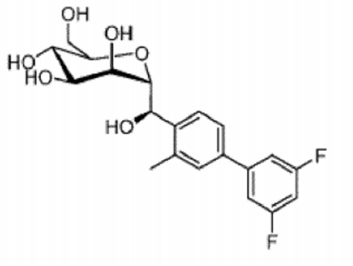
(2R,3S,4S,5S,6R)-2-((R)-(3'-fluoro-3-methyl-5'-(trifluoromethyl)-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-hydroxy(3',4',5'-trifluoro-3-methyl-[1,1'-biphenyl]-4-yl)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-(3',5'-difluoro-3-(trifluoromethyl)-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol;

(2R,3S,4S,5S,6R)-2-((R)-(3',5'-difluoro-3-methyl-[1,1'-biphenyl]-4-yl)(hydroxy)methyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol.

6. A compound of any one of claims 1 to 5, wherein the compound is



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7. A compound or a pharmaceutically acceptable salt thereof recited in any one of claims 1-6 for use as a medicament.

8. A compound or a pharmaceutically acceptable salt thereof as recited in any one of claims 1-6 for use in the prevention or treatment of a disease or condition ameliorated by the inhibition of FimH function or activity.

9. A compound or a pharmaceutically acceptable salt thereof as recited in any one of claims 1-6 for use in the prevention or treatment of a bacterial infection, Crohn's disease (CD), and Inflammatory Bowel Disease (IBD).

10. A compound or a pharmaceutically acceptable salt thereof as recited in any one of claims 1-6 for use in the prevention or treatment of urinary tract infection (UTI).

11. A compound or a pharmaceutically acceptable salt thereof as recited in claim 10, wherein said urinary tract infection is recurrent or chronic.

12. A compound or a pharmaceutically acceptable salt thereof as recited in claim 9, wherein said bacterial infection is an antibiotic-resistant bacterial infection.

13. A pharmaceutical composition comprising a compound or a pharmaceutically acceptable salt thereof as recited in any one of claims 1-6 together with a pharmaceutically acceptable carrier.

14. A pharmaceutical composition comprising a compound or a pharmaceutically acceptable salt thereof as recited in any one of claims 1-6 formulated for oral (PO) administration, particularly wherein said composition is a tablet or a capsule.

15. A compound or a pharmaceutically acceptable salt thereof as recited in any one of claims 1-6; and another therapeutic agent.