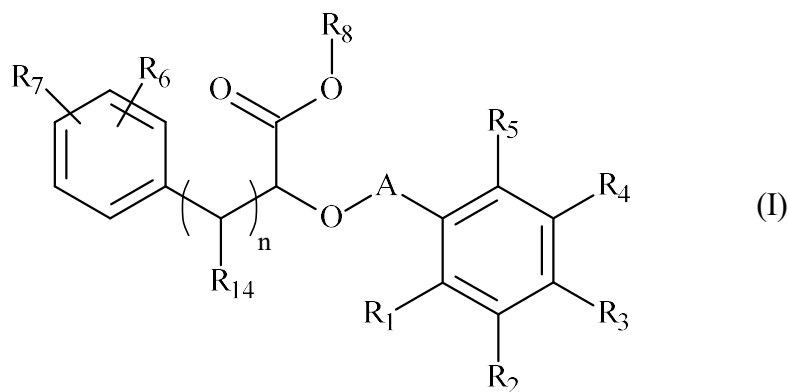
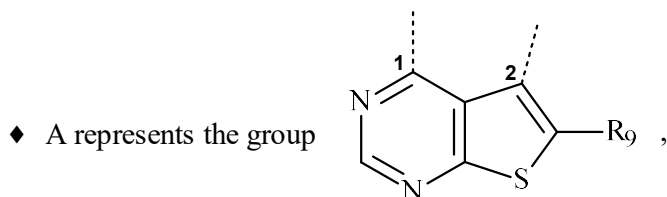


CLAIMS

1. A compound of formula (I):



wherein:



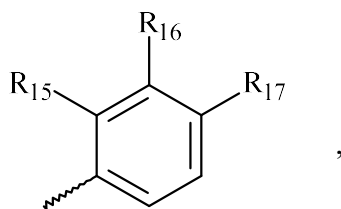
in which **1** is linked to the oxygen atom and **2** is linked to the phenyl ring,

- ◆ R₁ represents a linear or branched (C₁-C₆)alkyl group, a linear or branched (C₂-C₆)alkenyl group, a linear or branched (C₂-C₆)alkynyl group, a linear or branched (C₁-C₆)alkoxy group, a -S-(C₁-C₆)alkyl group, a linear or branched (C₁-C₆)polyhaloalkyl, a hydroxy group, a hydroxy(C₁-C₆)alkyl group, a cyano group, -NR₁₂R₁₂', -Cys, or a halogen atom,
- ◆ R₂, R₃, R₄ and R₅, independently of one another, represent a hydrogen atom, a halogen atom, a linear or branched (C₁-C₆)alkyl group, a linear or branched (C₂-C₆)alkenyl group, a linear or branched (C₂-C₆)alkynyl group, a linear or branched (C₁-C₆)polyhaloalkyl, a hydroxy group, a hydroxy(C₁-C₆)alkyl group, a linear or branched (C₁-C₆)alkoxy group, a -S-(C₁-C₆)alkyl group, a cyano group, a nitro group, -alkyl(C₀-C₆)-NR₁₀R₁₀', -O-alkyl(C₁-C₆)-NR₁₀R₁₀', -O-alkyl(C₁-C₆)-R₁₁, -C(O)-OR₁₀, -O-C(O)-R₁₀, -C(O)-NR₁₀R₁₀', -NR₁₀-C(O)-R₁₀', -NR₁₀-C(O)-OR₁₀', -alkyl(C₁-C₆)-NR₁₀-C(O)-R₁₀', -SO₂-NR₁₀R₁₀', -SO₂-alkyl(C₁-C₆),

or the substituents of one of the pairs (R₂, R₃), (R₃, R₄), (R₄, R₅), when grafted onto two adjacent carbon atoms, together with the carbon atoms carrying them, form an aromatic or non-aromatic ring having from 5 to 7 ring members, which ring may contain from 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen, wherein the resulting ring may be substituted by a group selected from a linear or branched (C₁-C₆)alkyl group, -NR₁₂R₁₂', -alkyl(C₀-C₆)-Cy₁, and oxo,

- ◆ R₆ represents -O-alkyl(C₁-C₆)-R₁₁,
- ◆ R₇ represents a hydrogen atom, a halogen atom, a linear or branched (C₁-C₆)alkyl group, a linear or branched (C₂-C₆)alkenyl group, a linear or branched (C₂-C₆)alkynyl group, a linear or branched (C₁-C₆)polyhaloalkyl, a hydroxy group, a linear or branched (C₁-C₆)alkoxy group, a -S-(C₁-C₆)alkyl group, a cyano group, a nitro group, -alkyl(C₀-C₆)-NR₁₀R₁₀', -O-alkyl(C₁-C₆)-NR₁₀R₁₀', -O-Cy₁, -alkyl(C₀-C₆)-Cy₁, -alkenyl(C₂-C₆)-Cy₁, -alkynyl(C₂-C₆)-Cy₁, -O-alkyl(C₁-C₆)-R₁₁, -C(O)-OR₁₀, -O-C(O)-R₁₀, -C(O)-NR₁₀R₁₀', -NR₁₀-C(O)-R₁₀', -NR₁₀-C(O)-OR₁₀', -alkyl(C₁-C₆)-NR₁₀-C(O)-R₁₀', -SO₂-NR₁₀R₁₀', -SO₂-alkyl(C₁-C₆),
- ◆ R₈ represents a hydrogen atom, a linear or branched (C₁-C₈)alkyl group, a -CHR_aR_b group, an aryl group, a heteroaryl group, an arylalkyl(C₁-C₆) group, or a heteroarylalkyl(C₁-C₆) group,
- ◆ R₉ represents a linear or branched (C₁-C₆)alkyl group, a linear or branched (C₂-C₆)alkenyl group, a linear or branched (C₂-C₆)alkynyl group, -Cy₃, -alkyl(C₁-C₆)-Cy₃, -alkenyl(C₂-C₆)-Cy₃, -alkynyl(C₂-C₆)-Cy₃, -Cy₃-Cy₄, -alkynyl(C₂-C₆)-O-Cy₃, -Cy₃-alkyl(C₀-C₆)-O-alkyl(C₀-C₆)-Cy₄, a halogen atom, a cyano group, -C(O)-R₁₃, or -C(O)-NR₁₃R₁₃',
- ◆ R₁₀ and R₁₀', independently of one another, represent a hydrogen atom, a linear or branched (C₁-C₆)alkyl group, -alkyl(C₀-C₆)-Cy₁,
or the substituents of the pair (R₁₀, R₁₀'), together with the nitrogen atom carrying them, form an aromatic or non-aromatic ring having from 5 to 7 ring members, which ring may contain, in addition to the nitrogen atom, from 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen, wherein the nitrogen may be substituted by from 1 to 2 groups selected from a hydrogen atom and a linear or branched (C₁-C₆)alkyl group, and wherein one or more of the carbon atoms of the possible substituents may be deuterated,

- ◆ R_{11} represents $-\text{Cy}_5\text{-alkyl}(\text{C}_0\text{-C}_6)\text{-O-alkyl}(\text{C}_0\text{-C}_6)\text{-Cy}_6$, $-\text{Cy}_5\text{-alkyl}(\text{C}_0\text{-C}_6)\text{-Cy}_6$, $-\text{Cy}_5\text{-alkyl}(\text{C}_0\text{-C}_6)\text{-NR}_{12}\text{-alkyl}(\text{C}_0\text{-C}_6)\text{-Cy}_6$,
- ◆ R_{12} , R_{12}' , R_{13} and R_{13}' , independently of one another, represent a hydrogen atom or an optionally substituted linear or branched $(\text{C}_1\text{-C}_6)\text{alkyl}$ group,
- ◆ R_{14} represents a hydrogen atom, a hydroxy group, or a hydroxy $(\text{C}_1\text{-C}_6)\text{alkyl}$ group,
- ◆ R_a represents a hydrogen atom or a linear or branched $(\text{C}_1\text{-C}_6)\text{alkyl}$ group,
- ◆ R_b represents a $-\text{O-C(O)-O-R}_c$ group, a $-\text{O-C(O)-NR}_c\text{R}_c'$ group, or a $-\text{O-P(O)(OR}_c)_2$ group,
- ◆ R_c and R_c' , independently of one another, represent a hydrogen atom, a linear or branched $(\text{C}_1\text{-C}_8)\text{alkyl}$ group, a cycloalkyl group, a $(\text{C}_1\text{-C}_6)\text{alkoxy}(\text{C}_1\text{-C}_6)\text{alkyl}$ group, a $(\text{C}_1\text{-C}_6)\text{alkoxycarbonyl}(\text{C}_1\text{-C}_6)\text{alkyl}$ group, or the substituents of the pair (R_c, R_c') , together with the nitrogen atom carrying them, form a non-aromatic ring having from 5 to 7 ring members, which ring may contain, in addition to the nitrogen atom, from 1 to 3 heteroatoms selected from oxygen and nitrogen, wherein the nitrogen may be substituted by a linear or branched $(\text{C}_1\text{-C}_6)\text{alkyl}$ group,
- ◆ Cy_1 , Cy_2 , Cy_3 , Cy_4 and Cy_5 , independently of one another, represent a cycloalkyl group, a heterocycloalkyl group, an aryl group, or a heteroaryl group,



or Cy_6 represents a heteroaryl group which is substituted by a group selected from $-\text{O-P(O)(OR}_{20})_2$; $-\text{O-P(O)(O}^-)_2$; $-(\text{CH}_2)_p\text{-O-(CHR}_{18}\text{-CHR}_{19}\text{-O})_q\text{-R}_{20}$; hydroxy; hydroxy $(\text{C}_1\text{-C}_6)\text{alkyl}$; $-(\text{CH}_2)_r\text{-Y-(CH}_2)_s\text{-heterocycloalkyl}$; and $-\text{Y-(CH}_2)_q\text{-NR}_{21}\text{R}_{21}'$,

- ◆ R_{15} represents a hydrogen atom; a $-(\text{CH}_2)_p\text{-O-(CHR}_{18}\text{-CHR}_{19}\text{-O})_q\text{-R}_{20}$ group; a linear or branched $(\text{C}_1\text{-C}_6)\text{alkoxy}(\text{C}_1\text{-C}_6)\text{alkyl}$ group; a $-\text{Y-(CH}_2)_q\text{-NR}_{21}\text{R}_{21}'$ group; or a $-(\text{CH}_2)_r\text{-Y-(CH}_2)_s\text{-heterocycloalkyl}$ group,
- ◆ R_{16} represents a hydrogen atom; a hydroxy group; a hydroxy $(\text{C}_1\text{-C}_6)\text{alkyl}$ group; a $-(\text{CH}_2)_r\text{-Y-(CH}_2)_s\text{-heterocycloalkyl}$ group; a $(\text{CH}_2)_r\text{-Y-X-O-P(O)(OR}_{20})_2$ group; a $-\text{O-P(O)(O}^-)_2$ group; a $-(\text{CH}_2)_p\text{-O-(CHR}_{18}\text{-CHR}_{19}\text{-O})_q\text{-R}_{20}$ group;

- a $-(CH_2)_p-O-C(O)-NR_{22}R_{23}$ group; or a $-Y-(CH_2)_q-NR_{21}R_{21}'$ group,
- ◆ R_{17} represents a hydrogen atom; a $-(CH_2)_p-O-(CHR_{18}-CHR_{19}-O)_q-R_{20}$ group; a $-O-P(O)(OR_{20})_2$ group; a $-O-P(O)(O^-)_2$ group; a hydroxy group; a hydroxy(C_1-C_6)alkyl group; a $-(CH_2)_r-Y-(CH_2)_s$ -heterocycloalkyl group; a $-Y-(CH_2)_q-NR_{21}R_{21}'$ group; or an aldonic acid,
 - ◆ X represents a $-(CH_2)_s-$ group or a $-C(O)-$ group,
 - ◆ Y represents a bond or an oxygen atom,
 - ◆ R_{18} represents a hydrogen atom or a (C_1-C_6)alkoxy(C_1-C_6)alkyl group,
 - ◆ R_{19} represents a hydrogen atom or a hydroxy(C_1-C_6)alkyl group,
 - ◆ R_{20} represents a hydrogen atom or a linear or branched (C_1-C_6)alkyl group,
 - ◆ R_{21} and R_{21}' , independently of one another, represent a hydrogen atom, a linear or branched (C_1-C_6)alkyl group, or a hydroxy(C_1-C_6)alkyl group, or the substituents of the pair (R_{21} , R_{21}'), together with the nitrogen atom carrying them, form an aromatic or non-aromatic ring having from 5 to 7 ring members, which ring may contain, in addition to the nitrogen atom, from 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen, wherein the resulting ring may be substituted by a hydrogen atom or a linear or branched (C_1-C_6)alkyl group,
 - ◆ R_{22} represents a (C_1-C_6)alkoxy(C_1-C_6)alkyl group, a $-(CH_2)_p-NR_{24}R_{24}'$ group, or a $-(CH_2)_p-O-(CHR_{18}-CHR_{19}-O)_q-R_{20}$ group,
 - ◆ R_{23} represents a hydrogen atom or a (C_1-C_6)alkoxy(C_1-C_6)alkyl group, or the substituents of the pair (R_{22} , R_{23}), together with the nitrogen atom carrying them, form an aromatic or non-aromatic ring having from 5 to 18 ring members, which ring may contain, in addition to the nitrogen atom, from 1 to 5 heteroatoms selected from oxygen, sulphur and nitrogen, wherein the resulting ring may be substituted by a hydrogen atom, a linear or branched (C_1-C_6)alkyl group or a heterocycloalkyl group,
 - ◆ R_{24} and R_{24}' , independently of one another, represent a hydrogen atom or a linear or branched (C_1-C_6)alkyl group, or the substituents of the pair (R_{24} , R_{24}'), together with the nitrogen atom carrying them, form an aromatic or non-aromatic ring having from 5 to 7 ring members, which ring may contain, in addition to the nitrogen atom, from one to 3 heteroatoms selected from oxygen, sulphur and nitrogen, wherein the resulting ring may be

substituted by a hydrogen atom or a linear or branched (C₁-C₆)alkyl group,

- ♦ n is an integer equal to 0 or 1,
- ♦ p is an integer equal to 0, 1 or 2,
- ♦ q is an integer equal to 1, 2, 3 or 4,
- ♦ r and s are independently an integer equal to 0 or 1,

with the proviso that R₁₅, R₁₆ and R₁₇ cannot represent together a hydrogen atom and, when R₁ represents a methyl group, R₁₅ cannot represent a methoxyethoxy group,

wherein:

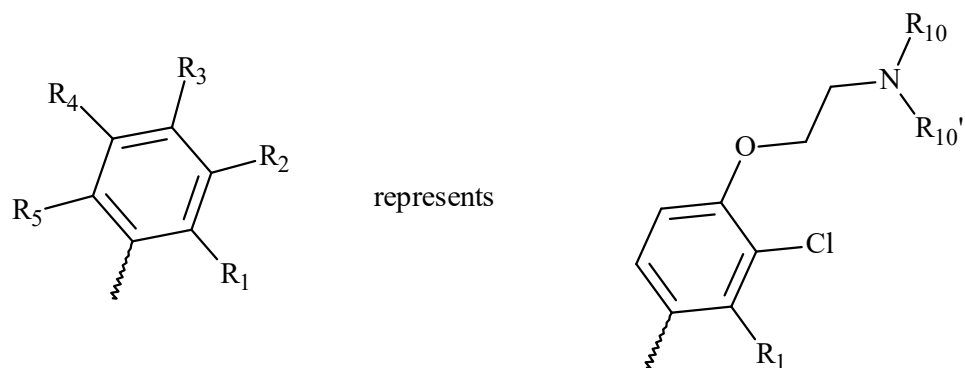
- "aryl" means a phenyl, naphthyl, biphenyl, indanyl or indenyl group,
- "heteroaryl" means any mono- or bi-cyclic group composed of from 5 to 10 ring members, having at least one aromatic moiety and containing from 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen,
- "cycloalkyl" means any mono- or bi-cyclic non-aromatic carbocyclic group containing from 3 to 10 ring members,
- "heterocycloalkyl" means any mono- or bi-cyclic non-aromatic carbocyclic group containing from 3 to 10 ring members, and containing from 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen, which may include fused, bridged or spiro ring systems,

wherein the aryl, heteroaryl, cycloalkyl and heterocycloalkyl groups so defined and the alkyl, alkenyl, alkynyl, alkoxy groups may be substituted by from 1 to 5 groups selected from the group consisting of optionally substituted linear or branched (C₁-C₆)alkyl, optionally substituted linear or branched (C₂-C₆)alkenyl group, optionally substituted linear or branched (C₂-C₆)alkynyl group, optionally substituted linear or branched (C₁-C₆)alkoxy, optionally substituted (C₁-C₆)alkyl-S-, hydroxy, oxo (or *N*-oxide where appropriate), nitro, cyano, -C(O)-OR', -O-C(O)-R', -C(O)-NR'R'', -NR'R'', -(C=NR')-OR'', linear or branched (C₁-C₆)polyhaloalkyl, trifluoromethoxy, or halogen, wherein R' and R'', independently of one another, represent a hydrogen atom or an optionally substituted linear or branched (C₁-C₆)alkyl group, and wherein one or more of the carbon atoms of the preceding possible substituents may be

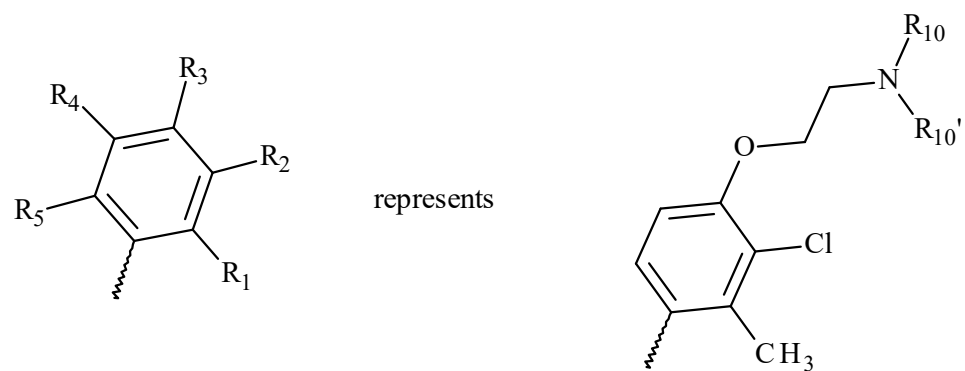
deuterated,

its enantiomers, diastereoisomers and atropisomers, and addition salts thereof with a pharmaceutically acceptable acid or base.

2. The compound according to claim 1, wherein at least one of the groups selected from R₂, R₃, R₄ and R₅ does not represent a hydrogen atom.
3. The compound according to claim 1, wherein n is an integer equal to 1.
4. The compounds according to claim 1, wherein R₁ represents a linear or branched (C₁-C₆)alkyl group or a halogen atom.
5. The Compound according to claim 1, wherein R₁₄ represents a hydrogen atom, a hydroxy group, a hydroxymethyl group or a hydroxyethyl group.
6. The compound according to claim 1, wherein R₂ represents a halogen atom, a hydroxy group, a linear or branched (C₁-C₆)alkoxy group.
7. The compound according to claim 1, wherein R₃ represents a hydrogen atom, a hydroxy group, a linear or branched (C₁-C₆)alkoxy group or -O-alkyl(C₁-C₆)-NR₁₀R₁₀'.
8. The compound according to claim 1, wherein R₄ and R₅ represent a hydrogen atom.
9. The compound according to claim 1, wherein

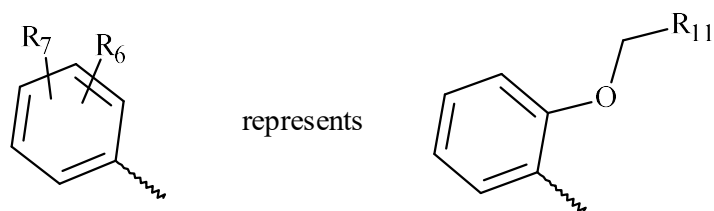


10. The compound according to claim 1, wherein

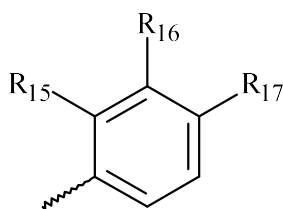


11. The compound according to claim 1, wherein the substituents of the pair (R₁, R₅) are identical and the substituents of the pair (R₂, R₄) are identical.

12. The compound according to claim 1, wherein



13. The compound according to claim 1, wherein R_7 represents a hydrogen atom.
14. The compound according to claim 1, wherein R_8 represents a hydrogen atom, a $-\text{CHR}_a\text{R}_b$ group, an optionally substituted linear or branched $(\text{C}_1\text{-C}_8)$ alkyl group, or a heteroarylalkyl($\text{C}_1\text{-C}_6$) group.
15. The compound according to claim 1, wherein R_9 represents a linear or branched $(\text{C}_1\text{-C}_6)$ alkyl group, a linear or branched $(\text{C}_2\text{-C}_6)$ alkenyl group, a linear or branched $(\text{C}_2\text{-C}_6)$ alkynyl group, an aryl group or a heteroaryl group.
16. The compound according to claim 1, wherein R_{10} and R_{10}' independently of one another represent a linear or branched $(\text{C}_1\text{-C}_6)$ alkyl group, or the substituents of the pair (R_{10}, R_{10}') , together with the nitrogen atom carrying them, form a non-aromatic ring having from 5 to 7 ring members, which ring may contain, in addition to the nitrogen atom, from 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen, wherein the nitrogen may be substituted by a hydrogen atom or a linear or branched $(\text{C}_1\text{-C}_6)$ alkyl group.
17. The compound according to claim 1, wherein R_{11} represents $-\text{Cy}_5\text{-alkyl}(\text{C}_0\text{-C}_6)\text{-Cy}_6$.
18. The compound according to claim 1, wherein Cy_5 represents a heteroaryl group, particularly, a pyrimidinyl group, a pyrazolyl group, a triazolyl group, a pyrazinyl group or a pyridinyl group.
19. The compound according to claim 1, wherein Cy_6 represents



20. The compound according to claim 1, wherein R_{16} and R_{17} represent a hydrogen atom

and R₁₅ represents a -(CH₂)_p-O-(CHR₁₈-CHR₁₉-O)_q-R₂₀ group; a linear or branched (C₁-C₆)alkoxy(C₁-C₆)alkyl group; a -Y-(CH₂)_q-NR₂₁R₂₁' group; or a -(CH₂)_r-Y-(CH₂)_s-heterocycloalkyl group.

21. The compounds according to claim 1, wherein R₁₅ and R₁₇ represent a hydrogen atom and R₁₆ represents a hydroxy group; a hydroxy(C₁-C₆)alkyl group; a -(CH₂)_r-Y-(CH₂)_s-heterocycloalkyl group; a -O-P(O)(OR₂₀)₂ group; a -O-P(O)(O⁻)₂ group; a -(CH₂)_p-O-(CHR₁₈-CHR₁₉-O)_q-R₂₀ group; a -(CH₂)_p-O-C(O)-NR₂₂R₂₃ group; a (CH₂)_r-Y-X-O-P(O)(OR₂₀)₂ group or a -Y-(CH₂)_q-NR₂₁R₂₁' group.

22. The compound according to claim 1, wherein R₁₅ and R₁₆ represent a hydrogen atom and R₁₇ represents a -(CH₂)_p-O-(CHR₁₈-CHR₁₉-O)_q-R₂₀ group; a -O-P(O)(OR₂₀)₂ group; a -O-P(O)(O⁻)₂ group; a hydroxy group; a hydroxy(C₁-C₆)alkyl group; a -(CH₂)_r-Y-(CH₂)_s-heterocycloalkyl group; a -Y-(CH₂)_q-NR₂₁R₂₁' group; or an aldonic acid.

23. The compounds according to claim 1, which is selected from the group consisting of:

- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2-{[2-(3-hydroxyphenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2-{[2-(4-hydroxyphenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-[2-({2-[3-(hydroxymethyl)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-[2-({2-[4-(hydroxymethyl)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{2-[(2,2-dimethyl-

- 1,3-dioxolan-4-yl)methoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{2-(2-methoxyethoxy)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2-{[2-(2-{2-(2-methoxyethoxy)ethoxy]ethoxy}phenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-[2-({2-[2-(methoxymethyl)phenyl]pyrimidin-4-yl}methoxy)phenyl]propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{2-(2-methoxyethoxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{2-(2-hydroxyethoxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2-{[2-(2-{[(2,2-dimethyl-1,3-dioxolan-4-yl)methoxy]methyl}phenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(2-hydroxyethoxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(1,3-dimethoxypropan-2-yl)oxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{4-[(1,3-

dimethoxypropan-2-yl)oxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;

- (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3-[2-({2-[4-(2,3-dihydroxypropoxy)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- methyl 6-*O*-{3-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl} - α -D-mannopyranoside;
- methyl 6-*O*-{3-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl} -2,3,4-tri-*O*-methyl- α -D-mannopyranoside;
- methyl 6-*O*-{4-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl} - α -D-mannopyranoside;
- methyl 6-*O*-{4-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl} -2,3,4-tri-*O*-methyl- α -D-mannopyranoside;
- 6-*O*-{4-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl} -D-mannopyranose;
- 6-*O*-{2-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl} -D-mannonic acid;
- 1,2-*O*-[(1*R*)-1-({4-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl} -6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]benzyl} oxy)ethylidene]- β -D-mannopyranose;

- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2-{4-[(α-D-mannopyranosyloxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- [2-({2-[4-(2-hydroxyethyl)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- [2-({2-[2-(2,3-dihydroxypropoxy)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- [2-({2-[2-(2-hydroxyethoxy)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2-{2-(2,3-dihydroxypropoxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- [2-({2-[3-(phosphonoxy)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- 4-[4-({2-[(2R)-2-carboxy-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl phosphate;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- [2-({2-[3-(2-hydroxyethoxy)phenyl]pyrimidin-4-yl} methoxy)phenyl]propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2-{4-[2-(2-methoxyethoxy)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2-{4-[2-(2-hydroxyethoxy)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;

- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2- {[2-(4- {2-[2-(2-methoxyethoxy)ethoxy]ethoxy}phenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[2-(4-[2-(dimethylamino)ethoxy]phenyl)pyrimidin-4-yl]methoxy}phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2- {3-[(2,2-dimethyl-1,3-dioxolan-4-yl)methoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-[2-({2-[3-(15-hydroxy-3-oxo-2,7,10,13-tetraoxa-4-azapentadec-1-yl)phenyl]pyrimidin-4-yl]methoxy)phenyl]propanoic acid;
- (2R)-3-(2- {[2-(3- {[(1,4'-bipiperidin-1'-ylcarbonyl)oxy]methyl}phenyl)pyrimidin-4-yl]methoxy}phenyl)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2- {[2-(3- {2-[2-(2-hydroxyethoxy)ethoxy]ethoxy}phenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[2-(3-[2-(2-hydroxyethoxy)ethoxy]phenyl)pyrimidin-4-yl]methoxy}phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2- {3-[2-(2-methoxyethoxy)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2R)-2- {[(5S_a)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2-[(2- {3-[(2-(4-

- methylpiperazin-1-yl)ethyl]carbamoyl}oxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
- (2R)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(2-(morpholin-4-yl)ethyl]carbamoyl}oxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2R)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(2-(dimethylamino)ethyl]carbamoyl}oxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2R)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(2-(pyrrolidin-1-yl)ethyl]carbamoyl}oxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2R)-3-[2-({2-[3-({[bis(2-methoxyethyl)carbamoyl]oxy}methyl)phenyl]pyrimidin-4-yl}methoxy)phenyl]-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}propanoic acid;
 - (2R)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(1,4,7,10,13-pentaoxa-16-azacyclooctadecan-16-ylcarbonyl)oxy]methyl}phenyl)pyrimidin-4-yl]methoxy}phenyl}propanoic acid;
 - (2R)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-(2,3-dihydroxypropoxy)phenyl}pyrimidin-4-yl]methoxy)phenyl]propanoic acid;
 - (2R)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-{2-[2-(2-methoxyethoxy)ethoxy]ethoxy}phenyl}pyrimidin-4-yl]methoxy}phenyl}propanoic acid;
 - (2R)-3-{2-[(2-{3-{2-[bis(2-hydroxyethyl)amino]ethoxy}phenyl}pyrimidin-4-yl]methoxy}phenyl)-2-{[(5S_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-

- yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}propanoic acid;
- (2*R*)-2- {[(5*S_a*)-5- {2,3-dimethyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2- [(2- {3- [(2-(piperidin-1-yl)ethyl]carbonyl}oxy)methyl]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2- [(2- {3-[2-(morpholin-4-yl)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2- [(2- {3-[2-(dimethylamino)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-3-(2- {2-(4- {2-[bis(2-hydroxyethyl)amino]ethoxy}phenyl)pyrimidin-4-yl)methoxy}phenyl)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2- {2-(4- {2-[2-(2-hydroxyethoxy)ethoxy]ethoxy}phenyl)pyrimidin-4-yl]methoxy}phenyl)propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2- [(2- {4- [(2,2-dimethyl-1,3-dioxolan-4-yl)methoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3- {2- [(2- {4-[2-(morpholin-4-yl)ethoxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoic acid;
 - 4-[4-({2- [(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}ethyl]phenoxy}methyl)pyrimidin-2-yl]phenyl phosphate disodium salt;
 - 1-[(ethoxycarbonyl)oxy]ethyl (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-

- yl]oxy}-3-{2-[(2-{3-[(1,3-dimethoxypropan-2-yl)oxy]phenyl}pyrimidin-4-yl)methoxy]phenyl}propanoate;
- (2*R*)-2-{[(5*S_a*)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-[2-({2-[5-(hydroxymethyl)pyridin-3-yl]pyrimidin-4-yl}methoxy)phenyl]propanoic acid; and
 - (2*R*)-2-{[(5*S_a*)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-(2-{[2'-(hydroxymethyl)-2,5'-bipyrimidin-4-yl]methoxy}phenyl)propanoic acid.
- 24.** A pharmaceutical composition comprising the compound according to claim 1, or an addition salt thereof with a pharmaceutically acceptable acid or base, in combination with one or more pharmaceutically acceptable excipients.
- 25.** A method of treating a condition requiring a pro-apoptotic agent in a subject in need thereof, comprising administration of an effective amount of the compound according to claim 1, alone or in combination with one or more pharmaceutically acceptable excipients.
- 26.** The method according to claim 25, wherein the condition is selected from cancer, auto-immune diseases, and immune system diseases.
- 27.** The method according to claim 25, wherein the condition is selected from cancers of the bladder, brain, breast and uterus, chronic lymphoid leukaemias, cancer of the colon, oesophagus and liver, lymphoblastic leukaemias, acute myeloid leukaemias, lymphomas, melanomas, malignant haemopathies, myelomas, ovarian cancer, non-small-cell lung cancer, prostate cancer, pancreatic cancer and small-cell lung cancer.
- 28.** A combination of the compound according to claim 1 with an anti-cancer agent selected from genotoxic agents, mitotic poisons, anti-metabolites, proteasome inhibitors, kinase inhibitors and antibodies.
- 29.** A pharmaceutical composition comprising the combination according to claim 28, in

combination with one or more pharmaceutically acceptable excipients.

- 30.** A method of treating cancer in a subject in need thereof, comprising administration of the combination according to claim 28, alone or in combination with one or more pharmaceutically acceptable excipients.
- 31.** A method of treating cancer requiring radiotherapy in a subject in need thereof, comprising administration of the compound according to claim 1, alone or in combination with one or more pharmaceutically acceptable excipients.