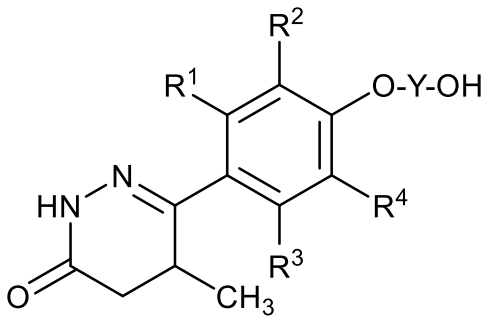
Claims

1. A compound of formula (1):

[Chem. 1]



(1)

or a pharmaceutically acceptable salt thereof

wherein

R^1 to R^4 are independently hydrogen atom, halogen, OH, CN, C_{1-6} alkyl group, halogenated C_{1-6} alkyl group, C_{2-6} alkenyl group, C_{1-6} alkoxy group, or halogenated C_{1-6} alkoxy group, provided that one or two of R^1 to R^4 are hydrogen atoms, but it is not that all of three or four thereof are hydrogen atoms, and

Y is C_{1-6} alkylene or C_{2-6} alkenylene group, wherein the alkylene or alkenylene group may be substituted with one or more substituents selected independently from the group consisting of C_{1-6} alkyl group, halogen, and halogenated C_{1-6} alkyl group, further wherein a substitutable carbon atom in the substituent bonding to the alkylene or alkenylene group and another substitutable carbon atom in the alkylene or alkenylene group, or two substitutable carbon atoms in the substituent bonding to the alkylene or alkenylene group may be combined together to form a 3- to 6-membered carbon ring.

2. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein any two of R^1 to R^4 are hydrogen atoms.

3. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein R^1 to R^4 are independently hydrogen atom, halogen, OH, CN, C_{1-4} alkyl group, halogenated C_{1-4} alkyl group, C_{2-4} alkenyl group, C_{1-4} alkoxy group, or halogenated C_{1-4} alkoxy group.

4. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein R^1 to R^4 are independently hydrogen atom, fluorine atom, chlorine atom, OH, CN, C_{1-4} alkyl group, vinyl group, or C_{1-4} alkoxy group.

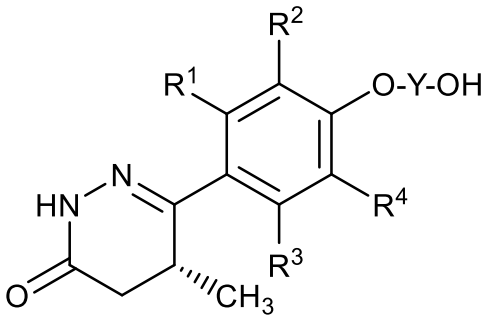
5. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the alkylene or alkenylene group in Y is substituted with one or more substituents selected independently from the group consisting of C_{1-4} alkyl group, halogen, and halogenated C_{1-4} alkyl group, further wherein a substitutable carbon atom in the substituent bonding to the alkylene or alkenylene group and another substitutable carbon atom in the alkylene or alkenylene group, or two substitutable carbon atoms in the substituent bonding to the alkylene or alkenylene group may be combined together to form a 3- to 6-membered carbon ring.

6. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein a carbon atom of the alkylene or alkenylene group in Y is substituted with one or two substituents selected independently from the group consisting of C_{1-4} alkyl group and halogenated C_{1-4} alkyl group, further when the carbon atom is substituted with two substituents, each substitutable carbon atom in the two substituents may be combined together to form a 3- to 6-membered carbon ring.

7. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the alkylene or alkenylene group in Y has no substituent.

8. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound of formula (1) is represented in the following formula:

[Chem. 2]



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9. The compound of claim 1 or a pharmaceutically acceptable salt thereof, which is selected from the following compounds:

Example 1: 6-[3-bromo-5-chloro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 2: 6-[3,5-dichloro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 7: 6-[3-chloro-5-fluoro-4-(3-hydroxy-2,2-dimethylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 12: 6-[3-bromo-2-fluoro-4-(3-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 19: 6-[3-chloro-2-fluoro-4-(3-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 22: 6-[3-chloro-2-fluoro-4-(3-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 24: 6-[3-bromo-2-fluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 26: 6-[3-bromo-5-fluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 31: 6-[3-chloro-4-(2-hydroxy-2-methylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 36: 6-[3-chloro-2-fluoro-4-(2-hydroxy-2-methylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 40: 6-{3-chloro-4-[(2R)-2-hydroxypropoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 44: 6-{3-chloro-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 46: 6-{2-fluolo-4-[(1-hydroxycyclopropyl)methoxy]-3-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 47: 6-{3-chloro-2-fluoro-4-[(1-hydroxycyclopropyl)methoxy]phenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 48: 6-[3-bromo-2-fluoro-4-(2-hydroxypropoxy)phenyl]-5-methyl-4,5-

dihydro-2H-pyridazin-3-one,

Example 53: 6-[3,5-dichloro-4-(2-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 54: 6-[3-chloro-2-fluoro-4-(2-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 55: 6-[3-chloro-4-(2-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 57: 6-[3-bromo-5-chloro-4-(2-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 59： 6-[2-fluoro-4-(2-hydroxypropoxy)-3-vinylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 64: 6-[3-chloro-2-fluoro-4-(2-hydroxybutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 69: 6-[3-bromo-5-fluoro-4-(3-hydroxy-2,2-dimethylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 72: 6-[3-chloro-4-(3-hydroxy-2,2-dimethylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 99: 6-[3-chloro-5-fluoro-4-(4-hydroxy-2,2-dimethylbutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 100: 6-[3,5-dichloro-4-(4-hydroxy-2,2-dimethylbutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 104: 2-fluolo-6-(2-hydroxypropyl)-3-(4-methyl-6-oxo-4,5-dihydro-1H-pyridazin-3-yl)benzonitrile,

Example 109: 6-[3,5-dichloro-4-(2,2-difluoro-3-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 112: 6-[3-bromo-4-(2,2-difluoro-3-hydroxypropoxy)-2-fluorophenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 113: 6-[3-chloro-4-(2,2-difluoro-3-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 118: (5R)-(-)-6-[3-chloro-2-fluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 120: (5R)-(-)-6-[4-(2,2-difluoro-3-hydroxypropoxy)-2-fluoro-3-

methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 124: (5R)-(-)-6-[2,3-difluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 125: (5R)-(-)-6-[3-fluoro-4-(3-hydroxy-2,2-dimethylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 127: (5R)-(-)-6-[3-bromo-5-chloro-4-(3-hydroxy-2,2-dimethylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 131: 6-[3-chloro-2,5-difluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 137: 6-[3-chloro-2-fluoro-4-(3-hydroxy-2,2-dimethylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 140: 6-[3-chloro-2,5-difluoro-4-(3-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 142: 6-[3-chloro-4-(3-hydroxy-2-methylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 148: 6-[3-chloro-2-fluoro-4-(2-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 151: 6-{3-chloro-2-fluoro-4-[(Z)-4-hydroxy-2-butenyloxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 155: 6-(3-chloro-4-{[(1S*,2R*)-2-(hydroxymethyl)cyclopropyl]methoxy}-5-methylphenyl)-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 159: 6-[3-chloro-4-(2,2-difluoro-3-hydroxypropoxy)-2-fluoro-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 160: 6-[4-(2,2-difluoro-3-hydroxypropoxy)-2-fluoro-3,5-dimethylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 167: 6-{3-chloro-2-fluoro-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 168: 6-{3-bromo-2-fluoro-4-[(1-hydroxycyclopropyl)methoxy]phenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 170: 6-{3,5-dichloro-4-[(1-hydroxycyclopropyl)methoxy]phenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 175: 6-{3-chloro-2-hydroxy-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one,

Example 179: (5R)-(-)-6-[2-hydroxy-4-(2-hydroxy-2-methylpropoxy)-3-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one, and

Example 184: 6-[2-fluoro-4-(2-hydroxy-2-methylpropoxy)-3-(trifluoromethyl)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

10. A pharmaceutical composition, comprising the compound of claim 1 or a pharmaceutically acceptable salt thereof.

11. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-bromo-5-chloro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

12. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-bromo-5-chloro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 1).

13. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-bromo-2-fluoro-4-(3-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

14. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-bromo-2-fluoro-4-(3-hydroxypropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 12).

15. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-bromo-2-fluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

16. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-bromo-2-fluoro-4-(2-hydroxy-2-

methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 24).

17. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-chloro-2-fluoro-4-(2-hydroxy-2-methylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

18. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-chloro-2-fluoro-4-(2-hydroxy-2-methylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 36).

19. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-{3-chloro-4-[(2R)-2-hydroxypropoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

20. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-{3-chloro-4-[(2R)-2-hydroxypropoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 40).

21. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-{3-chloro-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

22. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-{3-chloro-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 44).

23. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-{2-fluolo-4-[(1-hydroxycyclopropyl)methoxy]-3-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

24. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-{2-fluolo-4-[(1-hydroxycyclopropyl)methoxy]-3-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 46).

25. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-chloro-4-(2-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

26. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-chloro-4-(2-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 55).

27. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[2-fluoro-4-(2-hydroxypropoxy)-3-vinylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

28. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[2-fluoro-4-(2-hydroxypropoxy)-3-vinylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 59).

29. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-chloro-2-fluoro-4-(2-hydroxybutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

30. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-chloro-2-fluoro-4-(2-hydroxybutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 64).

31. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3,5-dichloro-4-(4-hydroxy-2,2-dimethylbutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

32. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3,5-dichloro-4-(4-hydroxy-2,2-dimethylbutoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 100).

33. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 2-fluolo-6-(2-hydroxypropyl)-3-(4-methyl-6-oxo-4,5-dihydro-1H-pyridazin-3-yl)benzonitrile.

34. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 2-fluolo-6-(2-hydroxypropyl)-3-(4-methyl-6-oxo-4,5-dihydro-1H-pyridazin-3-yl)benzonitrile (Example 104).

35. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-chloro-4-(2,2-difluoro-3-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

36. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-chloro-4-(2,2-difluoro-3-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 113).

37. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is (5R)-(-)-6-[3-chloro-2-fluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

38. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of (5R)-(-)-6-[3-chloro-2-fluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 118).

39. The compound of claim 9 or a pharmaceutically acceptable salt thereof,

which is (5R)-(-)-6-[2,3-difluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

40. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of (5R)-(-)-6-[2,3-difluoro-4-(2-hydroxy-2-methylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 124).

41. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is (5R)-(-)-6-[3-bromo-5-chloro-4-(3-hydroxy-2,2-dimethylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

42. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of (5R)-(-)-6-[3-bromo-5-chloro-4-(3-hydroxy-2,2-dimethylpropoxy)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 127).

43. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-chloro-2-fluoro-4-(3-hydroxy-2,2-dimethylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

44. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-chloro-2-fluoro-4-(3-hydroxy-2,2-dimethylpropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 137).

45. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[3-chloro-2-fluoro-4-(2-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

46. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[3-chloro-2-fluoro-4-(2-hydroxypropoxy)-5-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example

148).

47. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-{3-chloro-2-fluoro-4-[(Z)-4-hydroxy-2-butenyloxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

48. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-{3-chloro-2-fluoro-4-[(Z)-4-hydroxy-2-butenyloxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 151).

49. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[4-(2,2-difluoro-3-hydroxypropoxy)-2-fluoro-3,5-dimethylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

50. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[4-(2,2-difluoro-3-hydroxypropoxy)-2-fluoro-3,5-dimethylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 160).

51. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-{3-bromo-2-fluoro-4-[(1-hydroxycyclopropyl)methoxy]phenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

52. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-{3-bromo-2-fluoro-4-[(1-hydroxycyclopropyl)methoxy]phenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 168).

53. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-{3-chloro-2-hydroxy-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

54. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-{3-chloro-2-hydroxy-4-[(1-hydroxycyclopropyl)methoxy]-5-methylphenyl}-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 175).

55. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is (5R)-(-)-6-[2-hydroxy-4-(2-hydroxy-2-methylpropoxy)-3-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

56. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of (5R)-(-)-6-[2-hydroxy-4-(2-hydroxy-2-methylpropoxy)-3-methylphenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 179).

57. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is 6-[2-fluoro-4-(2-hydroxy-2-methylpropoxy)-3-(trifluoromethyl)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one.

58. The compound of claim 9 or a pharmaceutically acceptable salt thereof, which is a pharmaceutically acceptable salt of 6-[2-fluoro-4-(2-hydroxy-2-methylpropoxy)-3-(trifluoromethyl)phenyl]-5-methyl-4,5-dihydro-2H-pyridazin-3-one (Example 184).