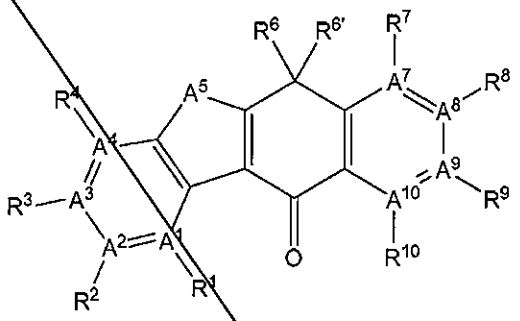
CLAIMS

1. A compound or salt or solvate thereof represented by Formula (I):



(I)

[wherein,

A^1, A^2, A^3, A^4, A^7, A^8, A^9 and A^{10} all represent C, or any one of A^2, A^3, A^4, A^7, A^8 and A^9 represents N (with the proviso that, when it represents N, no substituent group exists therefor) and the remainings represent C;

A^5 is selected from NR^5, O and S;

R^1 and R^{10} each independently represent [1] a hydrogen atom, [2] a cyano group, [3] a halogen atom or [4] a 4- to 10-membered heterocycloalkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s);

R^2 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group,

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group,

(5) a cyano group,

(6) a halogen atom,

(7) a $(C_{1-8}$ alkyl$)_{m2}$-amino group which may be substituted by C_{1-8} alkylsulfonyl group(s),

m2: 0~2, and

(8) a nitro group;

R^3 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by [1] halogen atom(s), [2] hydroxy group(s) or [3] C_{1-8} alkoxy group(s),

(3) a C_{6-10} aryl group,

(4) a cyano group,

(5) a C_{1-8} alkanoyl group which may be substituted by C_{6-10} aryl group(s),

(6) a (C1-8 alkyl)$_{m3a}$-aminocarbonyl group which may be substituted by one or more R^{3A},

R^{3A}: [1] a C_{6-10} aryl group, [2] a C_{1-8} alkoxy group, [3] a 5- to 14-membered heteroaryl group, or [4] a C_{6-10} arylsulfonyl group,

m3a: 0~2,

(7) a hydroxycarbonyl group,

(8) a C_{1-8} alkoxycarbonyl group which may be substituted by [1] hydroxy group(s) or [2] C_{1-8} alkoxy group(s),

(9) a halogen atom,

(10) a (C_{1-8} alkyl)$_{m3b}$-amino group which may be substituted by C_{6-10} aryl group(s),

m3b: 0~2,

(11) a C_{1-8} alkylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by [1] C_{6-10} aryl group(s) or [2] C_{6-10} aryloxy group(s),

(12) a C_{6-10} arylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(13) a (C_{1-8} alkyl)$_{m3c}$-aminocarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{6-10} aryl group(s),

m3c: 0~2,

(14) a nitro group,

(15) a hydroxy group,

(16) a C_{1-8} alkoxy group which may be substituted by one or more R^{3B},

R^{3B}: [1] a hydroxy group, [2] a C_{1-8} alkoxy group, [3] a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl group, [4] a (C_{1-8} alkyl)$_{m3d}$-amino group, or [5] a halogen atom,

m3d: 0~2,

(17) a 4- to 10-membered heterocycloalkyloxy group,

(18) a 5- to 14-membered heteroaryloxy group,

(19) a (C_{1-8} alkyl)$_{m3e}$-aminocarbonyloxy group which may be substituted by C_{6-10} aryl group(s)

m3e: 0~2,

(20) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group,

(21) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s),

(22) a C_{1-8} alkylthio group,

(23) a C_{1-8} alkylsulfonyl group which may be substituted by C_{6-10} aryl group(s),

(24) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by C_{1-8} alkoxy group(s),

(25) a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkoxy group(s),

(26) a C_{6-10} aryloxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(27) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl (C_{0-8} alkyl) amino group which may be substituted by one or more R^{3C},

R^{3C}: [1] a C_{1-8} alkyl group which may be substituted by halogen atom(s), or [2] a C_{1-8} alkoxy group,

(28) a C_{3-8} cycloalkyl (C_{0-8} alkyl) aminocarbonyloxy group, and

(29) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyloxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkyl group and [2] a C_{1-8} alkoxy group;

R^4 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group,

(5) a C_{3-8} cycloalkyl group,

(6) a cyano group,

(7) an aminocarbonyl group,

(8) a (C_{1-8} alkyl)$_{m4a}$-aminocarbonyl group,

m4a: 1~2,

(9) a hydroxycarbonyl group,

(10) a C_{1-8} alkoxycarbonyl group,

(11) a halogen atom,

(12) a $(C_{1-8}$ alkyl$)_{m4b}$- amino group,

m4b: 0~2,

(13) a hydroxy group, and

(14) a C_{1-8} alkoxy group which may be substituted by hydroxy group(s);

R^5 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{5A},

R^{5A}: [1] a hydroxycarbonyl group, [2] a C_{1-8} alkoxycarbonyl group, [3] a hydroxy group, [4] a C_{1-8} alkoxy group, [5] a $(C_{1-8}$ alkyl$)_{m5}$-amino group, [6] a C_{6-10} aryl group, or [7] a C_{1-8} alkylthio group,

m5: 0~2,

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group,

(5) a C_{3-8} cycloalkyl group, and

(6) a C_{1-8} alkylsulfonyl group;

R^6 and $R^{6'}$ are each independently selected from the group consisting of:

(1) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(2) a C_{2-8} alkenyl group, and

(3) a C_{2-8} alkynyl group; or

R^6 and $R^{6'}$ are taken together with the carbon atoms to which they are bound to form:

(4) a C_{3-8} cycloalkyl group, or

(5) a 4- to 10-membered heterocycloalkyl group which may be substituted by C_{1-8} alkyl C_{6-10} aryl sulfonyl group(s) which may be substituted by C_{1-8} alkyl group(s);

R^7 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a halogen atom,

(3) a C_{1-8} alkoxy group which may be substituted by one or more R^{7A},

R^{7A}: [1] a (C_{1-8} alkyl)m7a-amino group, [2] a hydroxy, [3] a 4- to 10-memberd heterocycloalkyl group which may be substituted by C_{1-8} alkyl group(s),

m7a: 0~2,

(4) a C_{1-8} alkylsulfonyl group,

(5) a nitro group, and

(6) a hydroxyl group;

R^8 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{8A},

R^{8A}: [1] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8A1}, [2] a $(C_{1-8}\ alkyl)_{m8a}$-amino group which may be substituted by a halogen atom, or [3] a hydroxy group,

m8a:0~2,

R^{8A1}: [1] a C_{1-8} alkyl group, [2] a C_{1-8} alkylsulfonyl group, [3] a $(C_{1-8}\ alkyl)_{m8b}$-aminosulfonyl group, [4] an oxo group, [5] a C_{1-8} alkoxycarbonyl, or [6] a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) aminosulfonyl,

m8b: 0~2,

(3) a C_{2-8} alkenyl group,

(4) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B},

R^{8B}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8B1},

<2> a C_{2-8} alkeynyl group,

<3> a C_{2-8} alkynyl group,

<4> a C_{3-8} cycloalkyl group which may be substituted by [1] cyano group(s) or [2] C_{1-8} alkyl group(s),

<5> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B2},

<6> a C_{1-8} alkoxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkoxy group and [2] a C_{3-8} cycloalkyl group,

<7> a C_{1-8} alkoxycarbonyl group,

<8> a C_{1-8} alkylsulfonyl group,

<9> a 5- to 14-membered heteroarylsulfonyl group,

<10> an oxo group,

<11> a cyano group,

<12> a C_{1-8} alkanoyl group which may be substituted by one or more R^{8B3},

<13> a C_{3-8} cycloalkylcarbonyl group,

<14> a $(C_{1-8}$ alkyl$)_{m8c}$-aminosulfonyl group,

<15> a C_{1-8} alkylsulfonyl (C_{0-8} alkyl) amino group,

<16> a $(C_{1-8}$ alkyl$)_{m8d}$-amino group which may be substituted by one or more R^{8B4},

<17> a hydroxy group,

<18> a $(C_{1-8}$ alkyl$)_{m8e}$-aminocarbonyl group, or

<19> a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) amino group

m8c: 0~2

m8d: 0~2

m8e: 0~2

R^{8B1}: [1] a C_{3-8} cycloalkyl group, [2] a hydroxy group, or [3] a C_{1-8} alkoxy group(s),

R^{8B2}: [1] a halogen atom, [2] a C_{1-8} alkyl group, [3] an oxo group, [4] a hydroxy group, or [5] a deuterium atom,

R^{8B3}: a $(C_{1-8}$ alkyl$)_{m8f}$-amino group,

m8f: 0~2,

R^{8B4}: [1] a C_{3-8} cycloalkyl group, or [2] a hydroxy group,

(5) a 5- to 14-membered heteroaryl group which may be substituted by a C_{1-8} alkyl group,

(6) a $(C_{1-8}$ alkyl$)_{m8g}$-aminocarbonyl group which may be substituted by one or more R^{8C},

m8g: 0~2,

R^{8C}:[1] a hydroxy group, [2] a $(C_{1-8}$ alkyl$)_{m8h}$-amino group which may be substituted by substituent(s) selected from the group consisting of <1> a $(C_{1-8}$ alkyl$)_{m8i}$-aminosulfonyl group, <2> a C_{1-8} alkylsulfonyl group, <3> a C_{1-8} alkoxycarbonyl group and <4> a C_{1-8} alkoxycarbonyl(C_{0-8} alkyl) aminosulfonyl group, [3] a C_{1-8} alkylsulfonyl group, or [4] a C_{1-8} alkoxy group which may be substituted by a hydroxy group,

m8h: 0~2,

m8i: 0~2,

(7) a 4- to 10-membered heterocycloalkyl (C_{0-8} alkyl) aminocarbonyl group which may be substituted by oxo group(s),

(8) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8D},

R^{8D}: [1] a C_{1-8} alkyl group which may be substituted by one or more R^{8D1}, [2] a hydroxy group, [3] a C_{1-8} alkylsulfonyl group, or [4] a C_{1-8} alkoxycarbonyl group,

R^{8D1}: [1] a hydroxy group, or [2] a C_{1-8} alkoxy group,

(9) a hydroxycarbonyl group,

(10) a C_{0-8} alkoxy (C_{0-8} alkyl) aminocarbonyl group which may be substituted by hydroxy group(s),

(11) a halogen atom,

(12) a $(C_{1-8}$ alkyl$)_{m8j}$-amino group which may be substituted by one or more R^{8H},

m8j: 0~2,

R^{8H}: [1] a hydroxy group, or [2] a 4- to 10-membered heterocycloalkyl group,

(13) a hydroxyl group,

(14) a C_{1-8} alkoxy group which may be substituted by one or more R^{8E},

R^{8E}:

<1> a hydroxy group,

<2> halogen atom,

<3> a hydroxycarbonyl group,

<4> a C_{1-8} alkoxycarbonyl group,

<5> a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8E1},

<6> a $(C_{1-8}$ alkyl$)_{m8k1}$-amino group which may be substituted by one or more R^{8E2},

m8k1: 0~2,

<7> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8E3},

<8> a 5- to 14-membered heteroaryl group,

<9> a $(C_{1-8}$ alkyl$)_{m8k2}$-aminocarbonyl group which may be substituted by one or more R^{8E6},

m8k2: 0~2,

<10> a C_{1-8} alkoxy group which may be substituted by one or more R^{8E7},

<11> a C_{1-8} alkylthio group,

<12> a C_{1-8} alkylsulfinyl group,

<13> a C_{1-8} alkylsulfonyl group,

R^{8E1}:

<1> a C_{1-8} alkoxycarbonyl group,

<2> a C_{1-8} alkanoyl group,

<3> a C_{1-8} alkylsulfonyl group,

<4> a $(C_{1-8}$ alkyl$)_{m8k3}$-aminosulfonyl group,

m8k3: 0~2, or

<5> a 4- to 10-membered heterocycloalkyl group,

R^{8E2}:

<1> a hydroxy group,

<2> a C_{1-8} alkoxycarbonyl group which may be substituted by halogen atom(s),

<3> a C_{3-8} cycloalkyl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by hydroxy group(s),

<4> a C_{1-8} alkanoyl group which may be substituted by substituent(s) selected from the group consisting of [1] a $(C_{1-8}$ alkyl$)_{m8k4}$-amino group and [2] a halogen atom(s),

m8k4: 0~2,

<5> a $(C_{1-8}$ alkyl$)_{m8k5}$-aminocarbonyl group,

m8k5: 0~2,

<6> a C_{1-8} alkylsulfonyl group,

<7> a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s),

<8> a (C_{1-8} alkyl)$_{m8k6}$-aminosulfonyl group which may be substituted by C_{1-8} alkoxycarbonyl group(s),

m8k6: 0~2, or

R^{8E3}:

<1> a C_{1-8} alkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a hydroxy group and [2] a C_{1-8} alkylcarbonyloxy group,

<2> a C_{1-8} alkylcarbonyloxy group,

<3> a hydroxy group,

<4> a C_{3-8} cycloalkyl group,

<5> a C_{1-8} alkoxy group,

<6> a C_{1-8} alkoxycarbonyl group,

<7> a C_{1-8} alkylsulfonyl group,

<8> a (C_{1-8} alkyl)$_{m8k8}$-aminocarbonyl group

m8k8: 0~2,

<9> a C_{1-8} alkanoyl group which may be substituted by hydroxy group(s),

<10> an oxo group, or

<11> a 4- to 10-membered heterocycloalkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkanoyl group, [2] a C_{1-8} alkoxycarbonyl group and [3] a C_{1-8} alkylsulfonyl group,

R^{8E6}:

<1> a C_{2-8} alkenylcarbonyloxy group,

<2> a hydroxy group,

<3> a cyano group,

<4> a (C_{1-8} alkyl)$_{m8k9}$-amino group which may be substituted by hydroxy group(s)

m8k9: 0~2,

<5> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

<6> a C_{1-8} alkylcarbonyloxy group,

<7> a 4- to 10-membered heterocycloalkyl group which may be substituted by C_{1-8} alkyl group(s), or

<8> a 5- to 14-membered heteroaryl group,

R^{8E7}:

<1> a hydroxy group, or

<2> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

(15) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by one or more R^{8F},

R^{8F}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8F1},

<2> a C_{3-8} cycloalkyl group,

<3> a C_{1-8} alkanoyl group which may be substituted by halogen atom(s),

<4> a C_{1-8} alkylcarbonyloxy group,

<5> a C_{1-8} alkoxycarbonyl group,

<6> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8F2},

<7> a C_{1-8} alkyl sulfonyl group,

<8> a hydroxy group, or

[9] a C_{6-10} aryl group,

R^{8F1}: [1]a hydroxy group, [2] a C_{1-8} alkoxy group, or [3] a halogen atom,

R^{8F2}: [1] a 4- to 10-membered heterocycloalkyl group, [2] a C_{1-8} alkoxycarbonyl group, or [3] a C_{1-8} alkylsulfonyl group,

(16) a 5- to 14-membered heteroaryloxy group,

(17) a 4- to 10-membered heterocycloalkylcarbonyloxy group,

(18) a $(C_{1-8}$ alkyl$)_{m8l1}$-aminosulfonyloxy group,

m8l1: 0~2,

(19) a C_{1-8} alkyl thio group which may be substituted by [1] $(C_{1-8}$ alkyl$)_{m8l2}$-amino group(s), [2] hydroxy group(s) or [3] hydroxycarbonyl group(s),

m8l2: 0~2,

(20) a C_{1-8} alkylsulfonyl group which may be substituted by one or more R^{8G},

R^{8G}: [1] a hydroxycarbonyl group, [2] a hydroxy group, or [3] a $(C_{1-8}$ alkyl$)_{m8l3}$-amino group,

m8l3: 0~2,

(21) a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyloxy group which may be substituted by C_{1-8} alkyl group(s),

(22) a C_{2-8} alkenyloxy group, and

(23) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s);

R^9 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{9A},

R^{9A}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9A1}, [3] a hydroxy group, [4] a C_{1-8} alkoxy group, or [5] a hydroxycarbonyl group,

R^{9A1}: [1] a C_{1-8} alkyl group, [2] a C_{3-8} cycloalkyl group, or [3] a 4- to 10-membered heterocycloalkyl group,

(3) a C_{2-8} alkenyl group which may be substituted by one or more R^{9B},

R^{9B}: [1] a $(C_{1-8}$ alkyl$)_{m9a}$-amino group, [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more group R^{9B1},

R^{9B1}: [1] a C_{3-8} cycloalkyl group, or [2] a 4- to 10-membered heterocycloalkyl group,

m9a: 0~2,

(4) a C_{2-8} alkynyl group which may be substituted by one or more R^{9C},

R^{9C}: [1] a C_{1-8} alkoxy group, [2] a $(C_{1-8}$ alkyl$)_{m9b}$-amino group which may be substituted by C_{6-10} aryl group(s), [3] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9C1}, [4] a C_{3-8} cycloalkyl group, [5] a hydroxy group, [6] a hydroxycarbonyl group, or [7] a C_{1-8} alkyloxycarbonyl group,

m9b: 0~2,

R^{9C1}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group, or [3] an oxo group,

(5) a C_{3-8} cycloalkyl group,

(6) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9D},

R^{9D}: [1] a C_{1-8} alkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s), [2] a C_{3-8} cycloalkyl group, [3] a 4- to 10-membered heterocycloalkyl group, or [4] a C_{1-6} alkylsulfonyl group, or [5] a C_{1-8} alkoxycarbonyl

group,

(7) a C_{6-10} aryl group which may be substituted by one or more R^{9E},

R^{9E}: [1] a halogen atom, [2] a hydroxy group, [3] a hydroxycarbonyl group, or [4] a C_{1-8} alkyl group which may be substituted by hydroxy group(s), or [5] a C_{1-8} alkoxy group,

(8) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s),

(9) a cyano group,

(10) a C_{1-8} alkanoyl group,

(11) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by C_{1-8} alkyl group(s),

(12) a halogen atom,

(13) a $(C_{1-8}$ alkyl$)_{m9c}$- amino group which may be substituted by one or more R^{9F},

m9c: 0~2,

(14) a C_{1-8} alkylcarbonyl(C_{0-8} alkyl)amino group which may be substituted by $(C_{1-8}$ alkyl$)_{m9d}$- amino group(s),

m9d: 0~2,

(15) a C_{1-8} alkylsulfonyl(C_{0-8} alkyl)amino group,

(16) a $(C_{1-8}$ alkyl$)_{m9e}$- aminosulfonyl(C_{0-8} alkyl)amino group,

m9e: 0~2,

(17) a nitro group,

(18) a hydroxy group,

(19) a C_{1-8} alkoxy group which may be substituted by one or more R^{9G},

R^{9G}: [1] a hydroxy group, [2] a hydroxycarbonyl group, [3] a C_{6-10} aryl group which may be substituted by C_{1-8} alkoxy group(s), [4] a $(C_{1-8}$ alkyl$)_{m9g1}$-amino group, [5] a C_{1-8} alkoxy group which may be substituted by one or more R^{9G1}, [6] a 5- to 14-membered heteroaryl group, or [7] a 4- to 10-membered heterocycloalkyloxy group which may be substituted by C_{1-8} alkyl group(s),

m9g1: 0~2,

R^{9G1}: [1] a C_{1-8} alkoxy group, or [2] a hydroxycarbonyl group,

(20) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by

[1] 4- to 10-membered heterocycloalkyl group(s), or [2] C_{1-8} alkoxycarbonyl group(s),

(21) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s),

(22) a C_{1-8} alkylthio group which may be substituted by $(C_{1-8}$ alkyl$)_{m9f}$- amino group(s),

m9f: 0~2,

(23) a C_{1-8} alkylsulfonyl group which may be substituted by $(C_{1-8}$ alkyl$)_{m9g}$-amino group(s),

m9g: 0~2,

(24) a $(C_{1-8}$ alkyl$)_{m9h}$-aminosulfonyl group,

m9h: 0~2,

(25) a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s), and

(26) a hydroxycarbonyl group].

2. The compound according to Claim 1, or a salt or solvate thereof, wherein R^3 is a cyano group or a halogen atom.

3. The compound according to Claim 1, or a salt or solvate thereof, wherein A^5 is NR^5 and R^5 is a hydrogen atom.

4. The compound according to Claim 1, or a salt or solvate thereof, wherein all of the A^1, A^2, A^3, A^4, A^7, A^8, A^9 and A^{10} are a carbon atom.

5. The compound according to Claim 1, or a salt or solvate thereof, wherein:

A^1, A^2, A^3, A^4, A^7, A^8, A^9 and A^{10} all represent C, or any one of A^2, A^3, A^4, A^7, A^8 and A^9 represents N (with the proviso that, when it represents N, no substituent group exists therefor) and the remainings represent C;

A^5 is selected from NR^5, O and S;

R^1 represents [1]a hydrogen atom, [2] a cyano group, or [3] a halogen atom;

R^2 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group,

(3) a cyano group,

(4) a halogen atom, and

(5) a $(C_{1-8}$ alkyl$)_{m2}$-amino group which may be substituted by C_{1-8} alkylsulfonyl group(s),

m2: 0~2;

R^3 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(3) a cyano group,

(4) a $(C_{1-8}$ alkyl$)_{m3a}$-aminocarbonyl group which may be substituted by one or more R^{3A},

R^{3A}: [1] a C_{6-10} aryl group, [2] a C_{1-8} alkoxy group, [3] a 5- to 14-membered heteroaryl group, or [4] a C_{6-10} aryl sulfonyl group,

m3a: 0~2,

(5) a hydroxycarbonyl group,

(6) a C_{1-8} alkoxycarbonyl group which may be substituted by hydroxy group(s),

(7) a halogen atom,

(8) a $(C_{1-8}$ alkyl$)_{m3b}$-amino group which may be substituted by C_{6-10} aryl group(s),

m3b: 0~2,

(9) a C_{1-8} alkylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by [1] C_{6-10} aryl group(s) or [2] C_{6-10} aryloxy group(s),

(10) a C_{6-10} arylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(11) a nitro group,

(12) a hydroxy group,

(13) a C_{1-8} alkoxy group which may be substituted by one or more R^{3B},

R^{3B}: [1] a hydroxy group, [2] a C_{1-8} alkoxy group, [3] a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl group, [4] a $(C_{1-8}$ alkyl$)_{m3d}$-amino group, or [5] a halogen atom,

m3d: 0~2,

(14) a 4- to 10-membered heterocycloalkyloxy group,

(15) a 5- to 14-membered heteroaryloxy group,

(16) a $(C_{1-8}$ alkyl$)_{m3e}$-aminocarbonyloxy group which may be substituted by C_{6-10} aryl group(s),

m3e: 0~2,

(17) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group,

(18) a C_{1-8} alkylthio group,

(19) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by C_{1-8} alkoxy group(s),

(20) a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkoxy group(s),

(21) a C_{6-10} aryloxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(22) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkoxy group(s),

(23) a C_{3-8} cycloalkyl (C_{0-8} alkyl) aminocarbonyloxy group, and

(24) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyloxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkyl group and [2] a C_{1-8} alkoxy group;

R^4 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(3) a C_{3-8} cycloalkyl group,

(4) a cyano group,

(5) an aminocarbonyl group,

(6) a hydroxycarbonyl group,

(7) a halogen atom,

(8) a $(C_{1-8}$ alkyl$)_{m4b}$- amino group,

m4b: 0~2,

(9) a hydroxy group, and

(10) a C_{1-8} alkoxy group which may be substituted by hydroxy group(s);

R^5 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{5A},

R^{5A}: [1] a hydroxycarbonyl group, [2] a C_{1-8} alkoxycarbonyl group, [3] a hydroxy group, [4] a C_{1-8} alkoxy group, [5] a $(C_{1-8}$ alkyl$)_{m5}$-amino group, or [6] a C_{1-8} alkylthio group,

m5: 0~2, and

(3) a C_{1-8} alkylsulfonyl group;

R^6 and $R^{6'}$ are each independently:

(1) a C_{1-8} alkyl group, or

R^6 and $R^{6'}$ are taken together with the carbon atoms to which they are bound to form,

(2) a C_{3-8} cycloalkyl group, or

(3) a 4- to 10-membered heterocycloalkyl group;

R^7 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a halogen atom, and

(3) a C_{1-8} alkoxy group which may be substituted by one or more R^{7A},

R^{7A}: [1] a $(C_{1-8}$ alkyl$)_{m7a}$- amino group, or [2] a hydroxy group,

m7a:0~2;

R^8 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{8A},

R^{8A}: [1] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8A1}, [2] a $(C_{1-8}$ alkyl$)_{m8a}$- amino group which may be substituted by a halogen

atom, or [3] a hydroxy group,

m8a:0~2,

R^{8A1}: [1] a C_{1-8} alkyl group, [2] a C_{1-8} alkylsulfonyl group, [3] a $(C_{1-8}$ alkyl$)_{m8b}$-aminosulfonyl group, or [4] an oxo group,

m8b: 0~2,

(3) a C_{2-8} alkenyl group,

(4) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B},

R^{8B}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8B1},

<2> a C_{2-8} alkynyl group,

<3> a C_{3-8} cycloalkyl group which may be substituted by [1] cyano group(s) or [2] C_{1-8} alkyl group(s),

<4> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B2},

<5> a C_{1-8} alkoxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkoxy group and [2] a C_{3-8} cycloalkyl group,

<6> a C_{1-8} alkylsulfonyl group,

<7> an oxo group,

<8> a cyano group,

<9> a C_{1-8} alkanoyl group which may be substituted by one or more R^{8B3},

<10> a C_{3-8} cycloalkylcarbonyl group,

<11> a $(C_{1-8}$ alkyl$)_{m8c}$-aminosulfonyl group,

<12> a C_{1-8} alkylsulfonyl (C_{0-8} alkyl) amino group,

<13> a $(C_{1-8}$ alkyl$)_{m8d}$-amino group which may be substituted by one or more R^{8B4},

<14> a hydroxy group, or

<15> a $(C_{1-8}$ alkyl$)_{m8e}$-aminocarbonyl group,

m8c: 0~2,

m8d: 0~2,

m8e: 0~2,

R^{8B1}: [1] a C_{3-8} cycloalkyl group, [2] a hydroxy group, or [3] C_{1-8} alkoxy group

which may be substituted by C_{1-8} alkoxy group(s),

R^{8B2}: [1] a halogen atom, [2] a C_{1-8} alkyl group, [3] an oxo group, or [4] a hydroxy group,

R^{8B3}: a $(C_{1-8}$ alkyl$)_{m8f}$-amino group,

m8f: 0~2,

R^{8B4}: [1] a C_{3-8} cycloalkyl group, or [2] a hydroxy group,

(5) a 5- to 14-membered heteroaryl group which may be substituted by a C_{1-8} alkyl group,

(6) a $(C_{1-8}$ alkyl$)_{m8g}$-aminocarbonyl group which may be substituted by one or more R^{8C},

m8g: 0~2,

R^{8C}:[1] a hydroxy group, [2] a $(C_{1-8}$ alkyl$)_{m8h}$-amino group which may be substituted by substituent(s) selected from the group consisting of <1> a $(C_{1-8}$ alkyl$)_{m8i}$-aminosulfonyl group and <2> a C_{1-8} alkylsulfonyl group, or [3] a C_{1-8} alkylsulfonyl group,

m8h: 0~2,

m8i: 0~2,

(7) a 4- to 10-membered heterocycloalkyl (C_{0-8} alkyl) aminocarbonyl group which may be substituted by oxo group(s),

(8) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8D},

R^{8D}: [1] a C_{1-8} alkyl group which may be substituted by one or more R^{8D1}, [2] a hydroxy group, or [3] a C_{1-8} alkylsulfonyl group,

R^{8D1}: [1] a hydroxy group, or [2] a C_{1-8} alkoxy group,

(9) a hydroxycarbonyl group,

(10) a C_{0-8} alkoxy (C_{0-8} alkyl) aminocarbonyl group which may be substituted by hydroxy group(s),

(11) a halogen atom,

(12) a $(C_{1-8}$ alkyl$)_{m8j}$-amino group which may be substituted by 4- to 10-membered heterocycloalkyl group(s),

m8j: 0~2,

(13) a hydroxyl group,

(14) a C_{1-8} alkoxy group which may be substituted by one or more R^{8E},

R^{8E}:

<1> a hydroxy group,

<2> a C_{1-8} alkoxycarbonyl group,

<3> a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8E1},

<4> a $(C_{1-8}$ alkyl$)_{m8k1}$-amino group which may be substituted by one or more R^{8E2},

m8k1: 0~2,

<5> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8E3},

<6> a 5- to 14-membered heteroaryl group,

<7> a $(C_{1-8}$ alkyl$)_{m8k2}$-aminocarbonyl group which may be substituted by one or more R^{8E6}

m8k2: 0~2,

<8> a C_{1-8} alkoxy group which may be substituted by one or more R^{8E7},

<9> a C_{1-8} alkylthio group,

<10> a C_{1-8} alkylsulfinyl group, or

<11> a C_{1-8} alkylsulfonyl group,

R^{8E1}:

<1> a C_{1-8} alkoxycarbonyl group,

<2> a C_{1-8} alkanoyl group,

<3> a C_{1-8} alkylsulfonyl group,

<4> a $(C_{1-8}$ alkyl$)_{m8k3}$-aminosulfonyl group

m8k3: 0~2, or

<5> a 4- to 10-membered heterocycloalkyl group,

R^{8E2}:

<1> a hydroxy group,

<2> a C_{1-8} alkoxycarbonyl group,

<3> a C_{3-8} cycloalkyl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by hydroxy group(s),

<4> a C_{1-8} alkanoyl group which may be substituted by substituent(s) selected from the group consisting of [1] a $(C_{1-8}$ alkyl$)_{m8k4}$-amino group and [2] a halogen atom,

m8k4: 0~2,

<5> a $(C_{1-8}$ alkyl$)_{m8k5}$-aminocarbonyl group,

m8k5: 0~2,

<6> a C_{1-8} alkylsulfonyl group,

<7> a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s),

<8> a $(C_{1-8}$ alkyl$)_{m8k6}$-aminosulfonyl group,

m8k6: 0~2, or

R^{8E3}:

<1> a C_{1-8} alkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a hydroxy group and [2] a C_{1-8} alkylcarbonyloxy group,

<2> a hydroxy group,

<3> a C_{3-8} cycloalkyl group,

<4> aC_{1-8} alkylsulfonyl group,

<5> a $(C_{1-8}$ alkyl$)_{m8k8}$-aminocarbonyl group,

m8k8: 0~2,

<6> a C_{1-8} alkanoyl group which may be substituted by hydroxy group(s),

<7> an oxo group, or

<8> a 4- to 10-membered heterocycloalkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkanoyl group, and [2] a C_{1-8} alkylsulfonyl group,

R^{8E6}:

<1> a C_{2-8} alkenylcarbonyloxy group,

<2> a hydroxy group,

<3> a cyano group,

<4> a $(C_{1-8}$ alkyl$)_{m8k9}$-amino group which may be substituted by hydroxy group(s),

m8k9: 0~2,

<5> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

<6> a 4- to 10-membered heterocycloalkyl group which may be substituted by C_{1-8} alkyl group(s), or

<7> a 5- to 14-membered heteroaryl group,

R^{8E7}:

<1> a hydroxy group, or

<2> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

(15) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by one or more R^{8F}:

R^{8F}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8F1},

<2> a C_{3-8} cycloalkyl group,

<3> a C_{1-8} alkanoyl group which may be substituted by halogen atom(s),

<4> a C_{1-8} alkoxycarbonyl group,

<5> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8F2},

<6> a C_{1-8} alkyl sulfonyl group, or

<7> a hydroxy group,

R^{8F1}: [1] a hydroxy group, [2] a C_{1-8} alkoxy group, or [3] a halogen atom,

R^{8F2}: [1] a 4- to 10-membered heterocycloalkyl group, [2] a C_{1-8} alkoxycarbonyl group, or [3] a C_{1-8} alkylsulfonyl group,

(16) a 5- to 14-membered heteroaryloxy group,

(17) a $(C_{1-8}$ alkyl$)_{m811}$-aminosulfonyloxy group,

m811: 0~2,

(18) a C_{1-8} alkylthio group which may be substituted by $(C_{1-8}$ alkyl$)_{m812}$-amino group(s),

m812: 0~2,

(19) a C_{1-8} alkylsulfonyl group which may be substituted by one or more R^{8G},

R^{8G}: [1] a hydroxycarbonyl group, [2] a hydroxy group, or [3] a $(C_{1-8}$ alkyl$)_{m813}$-amino group,

m813: 0~2,

(20) a C_{2-8} alkenyloxy group, and

(21) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s);

R^9 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{9A},

R^{9A}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9A1}, [3] a hydroxy group, or [4] a C_{1-8} alkoxy group,

R^{9A1}: [1] a C_{1-8} alkyl group, [2] a C_{3-8} cycloalkyl group, or [3] a 4- to 10-membered heterocycloalkyl group,

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group which may be substituted by one or more R^{9C},

R^{9C}: [1] a C_{1-8} alkoxy group, [2] a $(C_{1-8}$ alkyl$)_{m9b}$-amino group which may be substituted by C_{6-10} aryl group(s), [3] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9C1}, [4] a C_{3-8} cycloalkyl group, [5] a hydroxy group, or [6] a hydroxycarbonyl group,

m9b: 0~2,

R^{9C1}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group, or [3] an oxo group,

(5) a C_{3-8} cycloalkyl group,

(6) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9D},

R^{9D}: [1] a C_{1-8} alkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s), [2] a C_{3-8} cycloalkyl group, [3] a 4- to 10-membered heterocycloalkyl group, or [4] a C_{1-6} alkylsulfonyl group,

(7) a C_{6-10} aryl group which may be substituted by one or more R^{9E},

R^{9E}: [1] a halogen atom, [2] a hydroxy group, [3] a hydroxycarbonyl group, or [4] a C_{1-8} alkyl group which may be substituted by hydroxy group(s),

(8) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s),

(9) a cyano group,

(10) a C_{1-8} alkanoyl group,

(11) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by C_{1-8} alkyl group(s),

(12) a halogen atom,

(13) a $(C_{1-8}$ alkyl$)_{m9c}$- amino group,

m9c: 0~2,

(14) a C_{1-8} alkylcarbonyl(C_{0-8} alkyl)amino group which may be substituted by $(C_{1-8}$ alkyl$)_{m9d}$- amino group(s),

m9d: 0~2,

(15) a C_{1-8} alkylsulfonyl(C_{0-8} alkyl)amino group,

(16) a $(C_{1-8}$ alkyl$)_{m9e}$- aminosulfonyl(C_{0-8} alkyl)amino group,

m9e: 0~2,

(17) a nitro group,

(18) a hydroxy group,

(19) a C_{1-8} alkoxy group which may be substituted by one or more R^{9G},

R^{9G}: [1] a hydroxy group, [2] a hydroxycarbonyl group, [3] a C_{6-10} aryl group which may be substituted by C_{1-8} alkoxy group(s), [4] a $(C_{1-8}$ alkyl$)_{m9g1}$-amino group, [5] a C_{1-8} alkoxy group which may be substituted by one or more R^{9G1}, or [6] a 5- to 14-membered heteroaryl group,

m9g1: 0~2,

R^{9G1}: [1] a C_{1-8} alkoxy group, or [2] a hydroxycarbonyl group,

(20) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by 4- to 10-membered heterocycloalkyl group(s),

(21) a C_{1-8} alkylthio group which may be substituted by $(C_{1-8}$ alkyl$)_{m9f}$- amino group(s),

m9f: 0~2,

(22) a C_{1-8} alkylsulfonyl group which may be substituted by $(C_{1-8}$ alkyl$)_{m9g}$-amino group(s),

m9g: 0~2,

(23) a $(C_{1-8}$ alkyl$)_{m9h}$-aminosulfonyl group,

m9h: 0~2, and

(24) a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s);

R^{10} represents [1] a hydrogen atom, or [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s)].

6. A compound or salt or solvate thereof, which said compound is selected from the group consisting of:

9-(4-isopropyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-9-prop-1-ynyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-cyclopropylethynyl-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-8-(1-oxetan-3-yl-piperidin-4-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-bromo-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-bromo-8-(4-cyclopropyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-chloro-6,6-dimethyl-8-(4-morpholin-4-yl-piperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-9-prop-1-ynyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6,9-trimethyl-8-(4-morpholin-4-yl-piperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethyl-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethyl-6,6-dimethyl-8-(4-morpholin-4-yl-piperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethynyl-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-9-ethyl-6,6-dimethyl-11-oxo-6,11-dihydro-5H-

benzo[b]carbazole-3-carbonitrile;

9-ethynyl-6,6-dimethyl-11-oxo-8-(4-pyrrolidin-1-yl-piperidin-1-yl)-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-11-oxo-8-(4-pyrrolidin-1-yl-piperidin-1-yl)-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-9-ethynyl-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-9-propyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(1-isopropyl-piperidin-4-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-isopropyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-9-cyclopropyl-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(2-tert-butylamino-ethoxy)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethynyl-8-(4-methanesulfonyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-bromo-8-(4-cyclobutyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-9-propyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile; and

9-ethynyl-6,6-dimethyl-8-morpholin-4-yl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile.

7. A medicament comprising as an active ingredient the compound according to any one of claims 1 to 5, or a salt or solvate thereof.

8. An ALK inhibitor comprising as an active ingredient the compound according to any one of Claims 1 to 5, or a salt or solvate thereof.

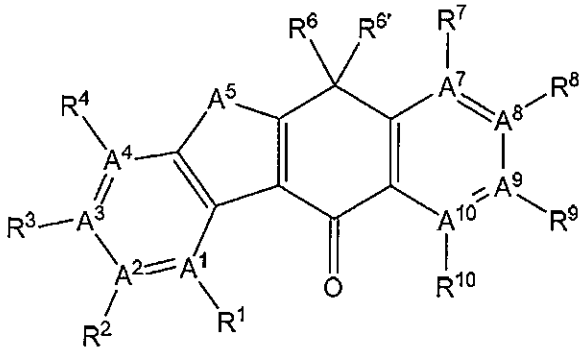
9. A pharmaceutical for the prophylaxis or treatment of cancer, cancer metastasis, depression or cognitive function disorder, comprising as an active ingredient the compound

according to any one of Claims 1 to 5, or a salt or solvate thereof.

10. A pharmaceutical composition comprising the compound according to any one of Claims 1 to 5,or a salt or solvate thereof and a pharmaceutically acceptable carrier(s).

CLAIMS

1. A compound or salt thereof represented by Formula (I):



(I)

[wherein,

A^1, A^2, A^3, A^4, A^7, A^8, A^9 and A^{10} all represent C;

A^5 is NR^5;

R^1 and R^{10} each independently represent [1] a hydrogen atom, [2] a cyano group, [3] a halogen atom or [4] a 4- to 10-membered heterocycloalkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s);

R^2 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group,

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group,

(5) a cyano group,

(6) a halogen atom,

(7) a $(C_{1-8}$ alkyl$)_{m2}$-amino group which may be substituted by C_{1-8} alkylsulfonyl group(s),

m2: 0~2, and

(8) a nitro group;

R^3 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by [1] halogen atom(s), [2] hydroxy group(s) or [3] C_{1-8} alkoxy group(s),

(3) a C_{6-10} aryl group,

(4) a cyano group,

(5) a C_{1-8} alkanoyl group which may be substituted by C_{6-10} aryl group(s),

(6) a (C1-8 alkyl)$_{m3a}$-aminocarbonyl group which may be substituted by one or more R^{3A},

R^{3A}: [1] a C_{6-10} aryl group, [2] a C_{1-8} alkoxy group, [3] a 5- to 14-membered heteroaryl group, or [4] a C_{6-10} arylsulfonyl group,

m3a: 0~2,

(7) a hydroxycarbonyl group,

(8) a C_{1-8} alkoxycarbonyl group which may be substituted by [1] hydroxy group(s) or [2] C_{1-8} alkoxy group(s),

(9) a halogen atom,

(10) a (C_{1-8} alkyl)$_{m3b}$-amino group which may be substituted by C_{6-10} aryl group(s),

m3b: 0~2,

(11) a C_{1-8} alkylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by [1] C_{6-10} aryl group(s) or [2] C_{6-10} aryloxy group(s),

(12) a C_{6-10} arylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(13) a (C_{1-8} alkyl)$_{m3c}$-aminocarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{6-10} aryl group(s),

m3c: 0~2,

(14) a nitro group,

(15) a hydroxy group,

(16) a C_{1-8} alkoxy group which may be substituted by one or more R^{3B},

R^{3B}: [1] a hydroxy group, [2] a C_{1-8} alkoxy group, [3] a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl group, [4] a (C_{1-8} alkyl)$_{m3d}$-amino group, or [5] a halogen atom,

m3d: 0~2,

(17) a 4- to 10-membered heterocycloalkyloxy group,

(18) a 5- to 14-membered heteroaryloxy group,

(19) a (C_{1-8} alkyl)$_{m3e}$-aminocarbonyloxy group which may be substituted by C_{6-10} aryl group(s)

m3e: 0~2,

(20) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group,

(21) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s),

(22) a C_{1-8} alkylthio group,

(23) a C_{1-8} alkylsulfonyl group which may be substituted by C_{6-10} aryl group(s),

(24) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by C_{1-8} alkoxy group(s),

(25) a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkoxy group(s),

(26) a C_{6-10} aryloxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(27) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl (C_{0-8} alkyl) amino group which may be substituted by one or more R^{3C},

R^{3C}: [1] a C_{1-8} alkyl group which may be substituted by halogen atom(s), or [2] a C_{1-8} alkoxy group,

(28) a C_{3-8} cycloalkyl (C_{0-8} alkyl) aminocarbonyloxy group, and

(29) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyloxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkyl group and [2] a C_{1-8} alkoxy group;

R^4 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group,

(5) a C_{3-8} cycloalkyl group,

(6) a cyano group,

(7) an aminocarbonyl group,

(8) a (C_{1-8} alkyl)$_{m4a}$-aminocarbonyl group,

m4a: 1~2,

(9) a hydroxycarbonyl group,

(10) a C_{1-8} alkoxycarbonyl group,

(11) a halogen atom,

(12) a $(C_{1-8}$ alkyl$)_{m4b}$- amino group,

m4b: 0~2,

(13) a hydroxy group, and

(14) a C_{1-8} alkoxy group which may be substituted by hydroxy group(s);

R^5 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{5A},

R^{5A}: [1] a hydroxycarbonyl group, [2] a C_{1-8} alkoxycarbonyl group, [3] a hydroxy group, [4] a C_{1-8} alkoxy group, [5] a $(C_{1-8}$ alkyl$)_{m5}$-amino group, [6] a C_{6-10} aryl group, or [7] a C_{1-8} alkylthio group,

m5: 0~2,

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group,

(5) a C_{3-8} cycloalkyl group, and

(6) a C_{1-8} alkylsulfonyl group;

R^6 and $R^{6'}$ are each independently selected from the group consisting of:

(1) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(2) a C_{2-8} alkenyl group, and

(3) a C_{2-8} alkynyl group; or

R^6 and $R^{6'}$ are taken together with the carbon atoms to which they are bound to form:

(4) a C_{3-8} cycloalkyl group, or

(5) a 4- to 10-membered heterocycloalkyl group which may be substituted by C_{1-8} alkyl C_{6-10} aryl sulfonyl group(s) which may be substituted by C_{1-8} alkyl group(s);

R^7 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a halogen atom,

(3) a C_{1-8} alkoxy group which may be substituted by one or more R^{7A},

R^{7A}: [1] a (C_{1-8} alkyl)m7a-amino group, [2] a hydroxy, [3] a 4- to 10-memberd heterocycloalkyl group which may be substituted by C_{1-8} alkyl group(s),

m7a: 0~2,

(4) a C_{1-8} alkylsulfonyl group,

(5) a nitro group, and

(6) a hydroxyl group;

R^8 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{8A},

R^{8A}: [1] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8A1}, [2] a (C_{1-8} alkyl)$_{m8a}$- amino group which may be substituted by a halogen atom, or [3] a hydroxy group,

m8a:0~2,

R^{8A1}: [1] a C_{1-8} alkyl group, [2] a C_{1-8} alkylsulfonyl group, [3] a (C_{1-8} alkyl)$_{m8b}$-aminosulfonyl group, [4] an oxo group, [5] a C_{1-8} alkoxycarbonyl, or [6] a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) aminosulfonyl,

m8b: 0~2,

(3) a C_{2-8} alkenyl group,

(4) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B},

R^{8B}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8B1},

<2> a C_{2-8} alkeynyl group,

<3> a C_{2-8} alkynyl group,

<4> a C_{3-8} cycloalkyl group which may be substituted by [1] cyano group(s) or [2] C_{1-8} alkyl group(s),

<5> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B2},

<6> a C_{1-8} alkoxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkoxy group and [2] a C_{3-8} cycloalkyl group,

<7> a C_{1-8} alkoxycarbonyl group,

<8> a C_{1-8} alkylsulfonyl group,

<9> a 5- to 14-membered heteroarylsulfonyl group,

<10> an oxo group,

<11> a cyano group,

<12> a C_{1-8} alkanoyl group which may be substituted by one or more R^{8B3},

<13> a C_{3-8} cycloalkylcarbonyl group,

<14> a $(C_{1-8}$ alkyl$)_{m8c}$-aminosulfonyl group,

<15> a C_{1-8} alkylsulfonyl (C_{0-8} alkyl) amino group,

<16> a $(C_{1-8}$ alkyl$)_{m8d}$-amino group which may be substituted by one or more R^{8B4},

<17> a hydroxy group,

<18> a $(C_{1-8}$ alkyl$)_{m8e}$-aminocarbonyl group, or

<19> a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) amino group

m8c: 0~2

m8d: 0~2

m8e: 0~2

R^{8B1}: [1] a C_{3-8} cycloalkyl group, [2] a hydroxy group, or [3] a C_{1-8} alkoxy group(s),

R^{8B2}: [1] a halogen atom, [2] a C_{1-8} alkyl group, [3] an oxo group, [4] a hydroxy group, or [5] a deuterium atom,

R^{8B3}: a $(C_{1-8}$ alkyl$)_{m8f}$-amino group,

m8f: 0~2,

R^{8B4}: [1] a C_{3-8} cycloalkyl group, or [2] a hydroxy group,

(5) a 5- to 14-membered heteroaryl group which may be substituted by a C_{1-8} alkyl group,

(6) a $(C_{1-8}$ alkyl$)_{m8g}$-aminocarbonyl group which may be substituted by one or more R^{8C},

m8g: 0~2,

R^{8C}:[1] a hydroxy group, [2] a $(C_{1-8}$ alkyl$)_{m8h}$-amino group which may be substituted by substituent(s) selected from the group consisting of <1> a $(C_{1-8}$ alkyl$)_{m8i}$-

aminosulfonyl group, <2> a C_{1-8} alkylsulfonyl group, <3> a C_{1-8} alkoxycarbonyl group and <4> a C_{1-8} alkoxycarbonyl(C_{0-8} alkyl) aminosulfonyl group, [3] a C_{1-8} alkylsulfonyl group, or [4] a C_{1-8} alkoxy group which may be substituted by a hydroxy group,

m8h: 0~2,

m8i: 0~2,

(7) a 4- to 10-membered heterocycloalkyl (C_{0-8} alkyl) aminocarbonyl group which may be substituted by oxo group(s),

(8) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8D},

R^{8D}: [1] a C_{1-8} alkyl group which may be substituted by one or more R^{8D1}, [2] a hydroxy group, [3] a C_{1-8} alkylsulfonyl group, or [4] a C_{1-8} alkoxycarbonyl group,

R^{8D1}: [1] a hydroxy group, or [2] a C_{1-8} alkoxy group,

(9) a hydroxycarbonyl group,

(10) a C_{0-8} alkoxy (C_{0-8} alkyl) aminocarbonyl group which may be substituted by hydroxy group(s),

(11) a halogen atom,

(12) a $(C_{1-8}$ alkyl$)_{m8j}$-amino group which may be substituted by one or more R^{8H},

m8j: 0~2,

R^{8H}: [1] a hydroxy group, or [2] a 4- to 10-membered heterocycloalkyl group,

(13) a hydroxyl group,

(14) a C_{1-8} alkoxy group which may be substituted by one or more R^{8E},

R^{8E}:

<1> a hydroxy group,

<2> halogen atom,

<3> a hydroxycarbonyl group,

<4> a C_{1-8} alkoxycarbonyl group,

<5> a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8E1},

<6> a $(C_{1-8}$ alkyl$)_{m8k1}$-amino group which may be substituted by one or more R^{8E2},

m8k1: 0~2,

<7> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more

R^{8E3},

<8> a 5- to 14-membered heteroaryl group,

<9> a $(C_{1-8}$ alkyl$)_{m8k2}$-aminocarbonyl group which may be substituted by one or more R^{8E6},

m8k2: 0~2,

<10> a C_{1-8} alkoxy group which may be substituted by one or more R^{8E7},

<11> a C_{1-8} alkylthio group,

<12> a C_{1-8} alkylsulfinyl group,

<13> a C_{1-8} alkylsulfonyl group,

R^{8E1}:

<1> a C_{1-8} alkoxycarbonyl group,

<2> a C_{1-8} alkanoyl group,

<3> a C_{1-8} alkylsulfonyl group,

<4> a $(C_{1-8}$ alkyl$)_{m8k3}$-aminosulfonyl group,

m8k3: 0~2, or

<5> a 4- to 10-membered heterocycloalkyl group,

R^{8E2}:

<1> a hydroxy group,

<2> a C_{1-8} alkoxycarbonyl group which may be substituted by halogen atom(s),

<3> a C_{3-8} cycloalkyl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by hydroxy group(s),

<4> a C_{1-8} alkanoyl group which may be substituted by substituent(s) selected from the group consisting of [1] a $(C_{1-8}$ alkyl$)_{m8k4}$-amino group and [2] a halogen atom(s),

m8k4: 0~2,

<5> a $(C_{1-8}$ alkyl$)_{m8k5}$-aminocarbonyl group,

m8k5: 0~2,

<6> a C_{1-8} alkylsulfonyl group,

<7> a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s),

<8> a $(C_{1-8}$ alkyl$)_{m8k6}$-aminosulfonyl group which may be substituted by C_{1-8} alkoxycarbonyl group(s),

m8k6: 0~2, or

R^{8E3}:

<1> a C_{1-8} alkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a hydroxy group and [2] a C_{1-8} alkylcarbonyloxy group,

<2> a C_{1-8} alkylcarbonyloxy group,

<3> a hydroxy group,

<4> a C_{3-8} cycloalkyl group,

<5> a C_{1-8} alkoxy group,

<6> a C_{1-8} alkoxycarbonyl group,

<7> a C_{1-8} alkylsulfonyl group,

<8> a $(C_{1-8}$ alkyl$)_{m8k8}$-aminocarbonyl group

m8k8: 0~2,

<9> a C_{1-8} alkanoyl group which may be substituted by hydroxy group(s),

<10> an oxo group, or

<11> a 4- to 10-membered heterocycloalkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkanoyl group, [2] a C_{1-8} alkoxycarbonyl group and [3] a C_{1-8} alkylsulfonyl group,

R^{8E6}:

<1> a C_{2-8} alkenylcarbonyloxy group,

<2> a hydroxy group,

<3> a cyano group,

<4> a $(C_{1-8}$ alkyl$)_{m8k9}$-amino group which may be substituted by hydroxy group(s)

m8k9: 0~2,

<5> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

<6> a C_{1-8} alkylcarbonyloxy group,

<7> a 4- to 10-membered heterocycloalkyl group which may be substituted by C_{1-8} alkyl group(s), or

<8> a 5- to 14-membered heteroaryl group,

R^{8E7}:

<1> a hydroxy group, or

<2> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

(15) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by

one or more R^{8F},

R^{8F}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8F1},

<2> a C_{3-8} cycloalkyl group,

<3> a C_{1-8} alkanoyl group which may be substituted by halogen atom(s),

<4> a C_{1-8} alkylcarbonyloxy group,

<5> a C_{1-8} alkoxycarbonyl group,

<6> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8F2},

<7> a C_{1-8} alkyl sulfonyl group,

<8> a hydroxy group, or

[9] a C_{6-10} aryl group,

R^{8F1}: [1]a hydroxy group, [2] a C_{1-8} alkoxy group, or [3] a halogen atom,

R^{8F2}: [1] a 4- to 10-membered heterocycloalkyl group, [2] a C_{1-8} alkoxycarbonyl group, or [3] a C_{1-8} alkylsulfonyl group,

(16) a 5- to 14-membered heteroaryloxy group,

(17) a 4- to 10-membered heterocycloalkylcarbonyloxy group,

(18) a $(C_{1-8}$ alkyl$)_{m8l1}$-aminosulfonyloxy group,

m8l1: 0~2,

(19) a C_{1-8} alkyl thio group which may be substituted by [1] $(C_{1-8}$ alkyl$)_{m8l2}$-amino group(s), [2] hydroxy group(s) or [3] hydroxycarbonyl group(s),

m8l2: 0~2,

(20) a C_{1-8} alkylsulfonyl group which may be substituted by one or more R^{8G},

R^{8G}: [1] a hydroxycarbonyl group, [2] a hydroxy group, or [3] a $(C_{1-8}$ alkyl$)_{m8l3}$-amino group,

m8l3: 0~2,

(21) a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyloxy group which may be substituted by C_{1-8} alkyl group(s),

(22) a C_{2-8} alkenyloxy group, and

(23) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s);

R^9 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{9A},

R^{9A}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9A1}, [3] a hydroxy group, [4] a C_{1-8} alkoxy group, or [5] a hydroxycarbonyl group,

R^{9A1}: [1] a C_{1-8} alkyl group, [2] a C_{3-8} cycloalkyl group, or [3] a 4- to 10-membered heterocycloalkyl group,

(3) a C_{2-8} alkenyl group which may be substituted by one or more R^{9B},

R^{9B}: [1] a $(C_{1-8}$ alkyl$)_{m9a}$-amino group, [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more group R^{9B1},

R^{9B1}: [1] a C_{3-8} cycloalkyl group, or [2] a 4- to 10-membered heterocycloalkyl group,

m9a: 0~2,

(4) a C_{2-8} alkynyl group which may be substituted by one or more R^{9C},

R^{9C}: [1] a C_{1-8} alkoxy group, [2] a $(C_{1-8}$ alkyl$)_{m9b}$-amino group which may be substituted by C_{6-10} aryl group(s), [3] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9C1}, [4] a C_{3-8} cycloalkyl group, [5] a hydroxy group, [6] a hydroxycarbonyl group, or [7] a C_{1-8} alkyloxycarbonyl group,

m9b: 0~2,

R^{9C1}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group, or [3] an oxo group,

(5) a C_{3-8} cycloalkyl group,

(6) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9D},

R^{9D}: [1] a C_{1-8} alkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s), [2] a C_{3-8} cycloalkyl group, [3] a 4- to 10-membered heterocycloalkyl group, or [4] a C_{1-6} alkylsulfonyl group, or [5] a C_{1-8} alkoxycarbonyl group,

(7) a C_{6-10} aryl group which may be substituted by one or more R^{9E},

R^{9E}: [1] a halogen atom, [2] a hydroxy group, [3] a hydroxycarbonyl group, or [4] a

C_{1-8} alkyl group which may be substituted by hydroxy group(s), or [5] a C_{1-8} alkoxy group,

(8) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s),

(9) a cyano group,

(10) a C_{1-8} alkanoyl group,

(11) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by C_{1-8} alkyl group(s),

(12) a halogen atom,

(13) a $(C_{1-8}$ alkyl$)_{m9c}$- amino group which may be substituted by one or more R^{9F},

m9c: 0~2,

(14) a C_{1-8} alkylcarbonyl(C_{0-8} alkyl)amino group which may be substituted by $(C_{1-8}$ alkyl$)_{m9d}$- amino group(s),

m9d: 0~2,

(15) a C_{1-8} alkylsulfonyl(C_{0-8} alkyl)amino group,

(16) a $(C_{1-8}$ alkyl$)_{m9e}$- aminosulfonyl(C_{0-8} alkyl)amino group,

m9e: 0~2,

(17) a nitro group,

(18) a hydroxy group,

(19) a C_{1-8} alkoxy group which may be substituted by one or more R^{9G},

R^{9G}: [1] a hydroxy group, [2] a hydroxycarbonyl group, [3] a C_{6-10} aryl group which may be substituted by C_{1-8} alkoxy group(s), [4] a $(C_{1-8}$ alkyl$)_{m9g1}$-amino group, [5] a C_{1-8} alkoxy group which may be substituted by one or more R^{9G1}, [6] a 5- to 14-membered heteroaryl group, or [7] a 4- to 10-membered heterocycloalkyloxy group which may be substituted by C_{1-8} alkyl group(s),

m9g1: 0~2,

R^{9G1}: [1] a C_{1-8} alkoxy group, or [2] a hydroxycarbonyl group,

(20) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by [1] 4- to 10-membered heterocycloalkyl group(s), or [2] C_{1-8} alkoxycarbonyl group(s),

(21) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s),

(22) a C_{1-8} alkylthio group which may be substituted by $(C_{1-8}$ alkyl$)_{m9f}$- amino group(s),

m9f: 0~2,

(23) a C_{1-8} alkylsulfonyl group which may be substituted by $(C_{1-8}$ alkyl$)_{m9g}$-amino group(s),

m9g: 0~2,

(24) a $(C_{1-8}$ alkyl$)_{m9h}$-aminosulfonyl group,

m9h: 0~2,

(25) a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s), and

(26) a hydroxycarbonyl group].

2. The compound according to Claim 1, or a salt thereof, wherein R^3 is a cyano group or a halogen atom.

3. The compound according to Claim 1, or a salt thereof, wherein A^5 is NR^5 and R^5 is a hydrogen atom.

4. The compound according to Claim 1, or a salt thereof, wherein:

A^1, A^2, A^3, A^4, A^7, A^8, A^9 and A^{10} all represent C;

A^5 is NR^5;

R^1 represents [1]a hydrogen atom, [2] a cyano group, or [3] a halogen atom;

R^2 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group,

(3) a cyano group,

(4) a halogen atom, and

(5) a $(C_{1-8}$ alkyl$)_{m2}$-amino group which may be substituted by C_{1-8} alkylsulfonyl group(s),

m2: 0~2;

R^3 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(3) a cyano group,

(4) a $(C_{1-8}$ alkyl$)_{m3a}$-aminocarbonyl group which may be substituted by one or more R^{3A},

R^{3A}: [1] a C_{6-10} aryl group, [2] a C_{1-8} alkoxy group, [3] a 5- to 14-membered heteroaryl group, or [4] a C_{6-10} aryl sulfonyl group,

m3a: 0~2,

(5) a hydroxycarbonyl group,

(6) a C_{1-8} alkoxycarbonyl group which may be substituted by hydroxy group(s),

(7) a halogen atom,

(8) a $(C_{1-8}$ alkyl$)_{m3b}$-amino group which may be substituted by C_{6-10} aryl group(s),

m3b: 0~2,

(9) a C_{1-8} alkylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by [1] C_{6-10} aryl group(s) or [2] C_{6-10} aryloxy group(s),

(10) a C_{6-10} arylcarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(11) a nitro group,

(12) a hydroxy group,

(13) a C_{1-8} alkoxy group which may be substituted by one or more R^{3B},

R^{3B}: [1] a hydroxy group, [2] a C_{1-8} alkoxy group, [3] a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl group, [4] a $(C_{1-8}$ alkyl$)_{m3d}$-amino group, or [5] a halogen atom,

m3d: 0~2,

(14) a 4- to 10-membered heterocycloalkyloxy group,

(15) a 5- to 14-membered heteroaryloxy group,

(16) a $(C_{1-8}$ alkyl$)_{m3e}$-aminocarbonyloxy group which may be substituted by C_{6-10} aryl group(s),

m3e: 0~2,

(17) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group,

(18) a C_{1-8} alkylthio group,

(19) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by C_{1-8} alkoxy group(s),

(20) a C_{1-8} alkoxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkoxy group(s),

(21) a C_{6-10} aryloxycarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by halogen atom(s),

(22) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyl (C_{0-8} alkyl) amino group which may be substituted by C_{1-8} alkoxy group(s),

(23) a C_{3-8} cycloalkyl (C_{0-8} alkyl) aminocarbonyloxy group, and

(24) a C_{6-10} aryl (C_{0-8} alkyl) aminocarbonyloxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkyl group and [2] a C_{1-8} alkoxy group;

R^4 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by halogen atom(s),

(3) a C_{3-8} cycloalkyl group,

(4) a cyano group,

(5) an aminocarbonyl group,

(6) a hydroxycarbonyl group,

(7) a halogen atom,

(8) a $(C_{1-8}$ alkyl$)_{m4b}$- amino group,

m4b: 0~2,

(9) a hydroxy group, and

(10) a C_{1-8} alkoxy group which may be substituted by hydroxy group(s);

R^5 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{5A},

R^{5A}: [1] a hydroxycarbonyl group, [2] a C_{1-8} alkoxycarbonyl group, [3] a hydroxy group, [4] a C_{1-8} alkoxy group, [5] a $(C_{1-8}$ alkyl$)_{m5}$-amino group, or [6] a C_{1-8} alkylthio group,

m5: 0~2, and

(3) a C_{1-8} alkylsulfonyl group;

R^6 and $R^{6'}$ are each independently:

(1) a C_{1-8} alkyl group, or

R^6 and $R^{6'}$ are taken together with the carbon atoms to which they are bound to form,

(2) a C_{3-8} cycloalkyl group, or

(3) a 4- to 10-membered heterocycloalkyl group;

R^7 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a halogen atom, and

(3) a C_{1-8} alkoxy group which may be substituted by one or more R^{7A},

R^{7A}: [1] a $(C_{1-8}$ alkyl$)_{m7a}$- amino group, or [2] a hydroxy group,

m7a:0~2;

R^8 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{8A},

R^{8A}: [1] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8A1}, [2] a $(C_{1-8}$ alkyl$)_{m8a}$- amino group which may be substituted by a halogen atom, or [3] a hydroxy group,

m8a:0~2,

R^{8A1}: [1] a C_{1-8} alkyl group, [2] a C_{1-8} alkylsulfonyl group, [3] a $(C_{1-8}$ alkyl$)_{m8b}$-aminosulfonyl group, or [4] an oxo group,

m8b: 0~2,

(3) a C_{2-8} alkenyl group,

(4) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B},

R^{8B}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8B1},

<2> a C_{2-8} alkynyl group,

<3> a C_{3-8} cycloalkyl group which may be substituted by [1] cyano group(s) or [2] C_{1-8} alkyl group(s),

<4> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8B2},

<5> a C_{1-8} alkoxy group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkoxy group and [2] a C_{3-8} cycloalkyl group,

<6> a C_{1-8} alkylsulfonyl group,

<7> an oxo group,

<8> a cyano group,

<9> a C_{1-8} alkanoyl group which may be substituted by one or more R^{8B3},

<10> a C_{3-8} cycloalkylcarbonyl group,

<11> a $(C_{1-8}$ alkyl$)_{m8c}$-aminosulfonyl group,

<12> a C_{1-8} alkylsulfonyl (C_{0-8} alkyl) amino group,

<13> a $(C_{1-8}$ alkyl$)_{m8d}$-amino group which may be substituted by one or more R^{8B4},

<14> a hydroxy group, or

<15> a $(C_{1-8}$ alkyl$)_{m8e}$-aminocarbonyl group,

m8c: 0~2,

m8d: 0~2,

m8e: 0~2,

R^{8B1}: [1] a C_{3-8} cycloalkyl group, [2] a hydroxy group, or [3] C_{1-8} alkoxy group which may be substituted by C_{1-8} alkoxy group(s),

R^{8B2}: [1] a halogen atom, [2] a C_{1-8} alkyl group, [3] an oxo group, or [4] a hydroxy group,

R^{8B3}: a $(C_{1-8}$ alkyl$)_{m8f}$-amino group,

m8f: 0~2,

R^{8B4}: [1] a C_{3-8} cycloalkyl group, or [2] a hydroxy group,

(5) a 5- to 14-membered heteroaryl group which may be substituted by a C_{1-8} alkyl group,

(6) a $(C_{1-8}$ alkyl$)_{m8g}$-aminocarbonyl group which may be substituted by one or more R^{8C},

m8g: 0~2,

R^{8C}:[1] a hydroxy group, [2] a $(C_{1-8}$ alkyl$)_{m8h}$-amino group which may be substituted by substituent(s) selected from the group consisting of <1> a $(C_{1-8}$ alkyl$)_{m8i}$-aminosulfonyl group and <2> a C_{1-8} alkylsulfonyl group, or [3] a C_{1-8} alkylsulfonyl group,

m8h: 0~2,

m8i: 0~2,

(7) a 4- to 10-membered heterocycloalkyl (C_{0-8} alkyl) aminocarbonyl group which may be substituted by oxo group(s),

(8) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8D},

R^{8D}: [1] a C_{1-8} alkyl group which may be substituted by one or more R^{8D1}, [2] a hydroxy group, or [3] a C_{1-8} alkylsulfonyl group,

R^{8D1}: [1] a hydroxy group, or [2] a C_{1-8} alkoxy group,

(9) a hydroxycarbonyl group,

(10) a C_{0-8} alkoxy (C_{0-8} alkyl) aminocarbonyl group which may be substituted by hydroxy group(s),

(11) a halogen atom,

(12) a $(C_{1-8}$ alkyl$)_{m8j}$-amino group which may be substituted by 4- to 10-membered heterocycloalkyl group(s),

m8j: 0~2,

(13) a hydroxyl group,

(14) a C_{1-8} alkoxy group which may be substituted by one or more R^{8E},

R^{8E}:

<1> a hydroxy group,

<2> a C_{1-8} alkoxycarbonyl group,

<3> a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by one or more R^{8E1},

<4> a $(C_{1-8}$ alkyl$)_{m8k1}$-amino group which may be substituted by one or more R^{8E2},

m8k1: 0~2,

<5> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8E3},

<6> a 5- to 14-membered heteroaryl group,

<7> a (C_{1-8} alkyl)$_{m8k2}$-aminocarbonyl group which may be substituted by one or more R^{8E6}

m8k2: 0~2,

<8> a C_{1-8} alkoxy group which may be substituted by one or more R^{8E7},

<9> a C_{1-8} alkylthio group,

<10> a C_{1-8} alkylsulfinyl group, or

<11> a C_{1-8} alkylsulfonyl group,

R^{8E1}:

<1> a C_{1-8} alkoxycarbonyl group,

<2> a C_{1-8} alkanoyl group,

<3> a C_{1-8} alkylsulfonyl group,

<4> a (C_{1-8} alkyl)$_{m8k3}$-aminosulfonyl group

m8k3: 0~2, or

<5> a 4- to 10-membered heterocycloalkyl group,

R^{8E2}:

<1> a hydroxy group,

<2> a C_{1-8} alkoxycarbonyl group,

<3> a C_{3-8} cycloalkyl group which may be substituted by C_{1-8} alkyl group(s) which may be substituted by hydroxy group(s),

<4> a C_{1-8} alkanoyl group which may be substituted by substituent(s) selected from the group consisting of [1] a (C_{1-8} alkyl)$_{m8k4}$-amino group and [2] a halogen atom,

m8k4: 0~2,

<5> a (C_{1-8} alkyl)$_{m8k5}$-aminocarbonyl group,

m8k5: 0~2,

<6> a C_{1-8} alkylsulfonyl group,

<7> a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s),

<8> a (C_{1-8} alkyl)$_{m8k6}$-aminosulfonyl group,

m8k6: 0~2, or

R^{8E3}:

<1> a C_{1-8} alkyl group which may be substituted by substituent(s) selected from the group

consisting of [1] a hydroxy group and [2] a C_{1-8} alkylcarbonyloxy group,

<2> a hydroxy group,

<3> a C_{3-8} cycloalkyl group,

<4> aC_{1-8} alkylsulfonyl group,

<5> a $(C_{1-8}$ alkyl$)_{m8k8}$-aminocarbonyl group,

m8k8: 0~2,

<6> a C_{1-8} alkanoyl group which may be substituted by hydroxy group(s),

<7> an oxo group, or

<8> a 4- to 10-membered heterocycloalkyl group which may be substituted by substituent(s) selected from the group consisting of [1] a C_{1-8} alkanoyl group, and [2] a C_{1-8} alkylsulfonyl group,

R^{8E6}:

<1> a C_{2-8} alkenylcarbonyloxy group,

<2> a hydroxy group,

<3> a cyano group,

<4> a $(C_{1-8}$ alkyl$)_{m8k9}$-amino group which may be substituted by hydroxy group(s),

m8k9: 0~2,

<5> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

<6> a 4- to 10-membered heterocycloalkyl group which may be substituted by C_{1-8} alkyl group(s), or

<7> a 5- to 14-membered heteroaryl group,

R^{8E7}:

<1> a hydroxy group, or

<2> a C_{1-8} alkoxy group which may be substituted by hydroxy group(s),

(15) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by one or more R^{8F}:

R^{8F}:

<1> a C_{1-8} alkyl group which may be substituted by one or more R^{8F1},

<2> a C_{3-8} cycloalkyl group,

<3> a C_{1-8} alkanoyl group which may be substituted by halogen atom(s),

<4> a C_{1-8} alkoxycarbonyl group,

<5> a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{8F2},

<6> a C_{1-8} alkyl sulfonyl group, or

<7> a hydroxy group,

R^{8F1}: [1] a hydroxy group, [2] a C_{1-8} alkoxy group, or [3] a halogen atom,

R^{8F2}: [1] a 4- to 10-membered heterocycloalkyl group, [2] a C_{1-8} alkoxycarbonyl group, or [3] a C_{1-8} alkylsulfonyl group,

(16) a 5- to 14-membered heteroaryloxy group,

(17) a $(C_{1-8}$ alkyl$)_{m811}$-aminosulfonyloxy group,

m811: 0~2,

(18) a C_{1-8} alkylthio group which may be substituted by $(C_{1-8}$ alkyl$)_{m812}$-amino group(s),

m812: 0~2,

(19) a C_{1-8} alkylsulfonyl group which may be substituted by one or more R^{8G},

R^{8G}: [1] a hydroxycarbonyl group, [2] a hydroxy group, or [3] a $(C_{1-8}$ alkyl$)_{m813}$-amino group,

m813: 0~2,

(20) a C_{2-8} alkenyloxy group, and

(21) a C_{1-8} alkylsulfonyloxy group which may be substituted by halogen atom(s);

R^9 is selected from the group consisting of:

(1) a hydrogen atom,

(2) a C_{1-8} alkyl group which may be substituted by one or more R^{9A},

R^{9A}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9A1}, [3] a hydroxy group, or [4] a C_{1-8} alkoxy group,

R^{9A1}: [1] a C_{1-8} alkyl group, [2] a C_{3-8} cycloalkyl group, or [3] a 4- to 10-membered heterocycloalkyl group,

(3) a C_{2-8} alkenyl group,

(4) a C_{2-8} alkynyl group which may be substituted by one or more R^{9C},

R^{9C}: [1] a C_{1-8} alkoxy group, [2] a $(C_{1-8}$ alkyl$)_{m9b}$-amino group which may be

substituted by C_{6-10} aryl group(s), [3] a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9C1}, [4] a C_{3-8} cycloalkyl group, [5] a hydroxy group, or [6] a hydroxycarbonyl group,

m9b: 0~2,

R^{9C1}: [1] a C_{3-8} cycloalkyl group, [2] a 4- to 10-membered heterocycloalkyl group, or [3] an oxo group,

(5) a C_{3-8} cycloalkyl group,

(6) a 4- to 10-membered heterocycloalkyl group which may be substituted by one or more R^{9D},

R^{9D}: [1] a C_{1-8} alkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s), [2] a C_{3-8} cycloalkyl group, [3] a 4- to 10-membered heterocycloalkyl group, or [4] a C_{1-6} alkylsulfonyl group,

(7) a C_{6-10} aryl group which may be substituted by one or more R^{9E},

R^{9E}: [1] a halogen atom, [2] a hydroxy group, [3] a hydroxycarbonyl group, or [4] a C_{1-8} alkyl group which may be substituted by hydroxy group(s),

(8) a 5- to 14-membered heteroaryl group which may be substituted by C_{1-8} alkyl group(s),

(9) a cyano group,

(10) a C_{1-8} alkanoyl group,

(11) a 4- to 10-membered nitrogen-containing heterocycloalkylcarbonyl group which may be substituted by C_{1-8} alkyl group(s),

(12) a halogen atom,

(13) a $(C_{1-8}$ alkyl$)_{m9c}$- amino group,

m9c: 0~2,

(14) a C_{1-8} alkylcarbonyl(C_{0-8} alkyl)amino group which may be substituted by $(C_{1-8}$ alkyl$)_{m9d}$- amino group(s),

m9d: 0~2,

(15) a C_{1-8} alkylsulfonyl(C_{0-8} alkyl)amino group,

(16) a $(C_{1-8}$ alkyl$)_{m9e}$- aminosulfonyl(C_{0-8} alkyl)amino group,

m9e: 0~2,

(17) a nitro group,

(17) a nitro group,

(18) a hydroxy group,

(19) a C_{1-8} alkoxy group which may be substituted by one or more R^{9G},

R^{9G}: [1] a hydroxy group, [2] a hydroxycarbonyl group, [3] a C_{6-10} aryl group which may be substituted by C_{1-8} alkoxy group(s), [4] a $(C_{1-8}$ alkyl$)_{m9g1}$-amino group, [5] a C_{1-8} alkoxy group which may be substituted by one or more R^{9G1}, or [6] a 5- to 14-membered heteroaryl group,

m9g1: 0~2,

R^{9G1}: [1] a C_{1-8} alkoxy group, or [2] a hydroxycarbonyl group,

(20) a 4- to 10-membered heterocycloalkyloxy group which may be substituted by 4- to 10-membered heterocycloalkyl group(s),

(21) a C_{1-8} alkylthio group which may be substituted by $(C_{1-8}$ alkyl$)_{m9f}$- amino group(s),

m9f: 0~2,

(22) a C_{1-8} alkylsulfonyl group which may be substituted by $(C_{1-8}$ alkyl$)_{m9g}$-amino group(s),

m9g: 0~2,

(23) a $(C_{1-8}$ alkyl$)_{m9h}$-aminosulfonyl group,

m9h: 0~2, and

(24) a 4- to 10-membered nitrogen-containing heterocycloalkylsulfonyl group which may be substituted by C_{1-8} alkyl group(s);

R^{10} represents [1] a hydrogen atom, or [2] a 4- to 10-membered heterocycloalkyl group which may be substituted by 4- to 10-membered heterocycloalkyl group(s)].

5. A compound in accordance with claim 1, or salt thereof, which said compound is selected from the group consisting of:

9-(4-isopropyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-9-prop-1-ynyl-6,11-dihydro-

9-cyclopropylethynyl-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-8-(1-oxetan-3-yl-piperidin-4-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-bromo-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-bromo-8-(4-cyclopropyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-chloro-6,6-dimethyl-8-(4-morpholin-4-yl-piperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-9-prop-1-ynyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6,9-trimethyl-8-(4-morpholin-4-yl-piperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethyl-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethyl-6,6-dimethyl-8-(4-morpholin-4-yl-piperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethynyl-6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-9-ethyl-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethynyl-6,6-dimethyl-11-oxo-8-(4-pyrrolidin-1-yl-piperidin-1-yl)-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-11-oxo-8-(4-pyrrolidin-1-yl-piperidin-1-yl)-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-9-ethynyl-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-9-propyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(1-isopropyl-piperidin-4-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-

8-(1-isopropyl-piperidin-4-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-isopropyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(4-cyclobutyl-piperazin-1-yl)-9-cyclopropyl-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

8-(2-tert-butylamino-ethoxy)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-ethynyl-8-(4-methanesulfonyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

9-bromo-8-(4-cyclobutyl-piperazin-1-yl)-6,6-dimethyl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile;

6,6-dimethyl-8-(4-oxetan-3-yl-piperazin-1-yl)-11-oxo-9-propyl-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile; and

9-ethynyl-6,6-dimethyl-8-morpholin-4-yl-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile.

6. A medicament comprising as an active ingredient the compound according to any one of claims 1 to 4, or a salt thereof.

7. An ALK inhibitor comprising as an active ingredient the compound according to any one of Claims 1 to 4, or a salt thereof.

8. A pharmaceutical for the prophylaxis or treatment of cancer, cancer metastasis, depression or cognitive function disorder, comprising as an active ingredient the compound according to any one of Claims 1 to 4, or a salt thereof.

9. A pharmaceutical composition comprising the compound according to any one of Claims 1 to 4,or a salt thereof and a pharmaceutically acceptable carrier(s).