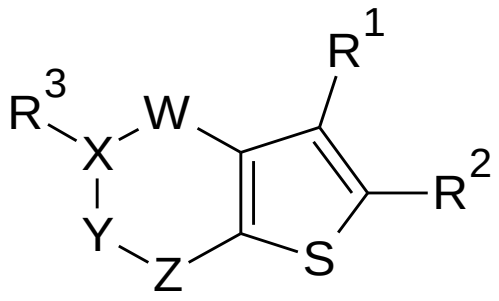
Claims

1. Compounds of formula (I) and pharmaceutically acceptable salts thereof:



(I)

wherein

X represents CH, N, or C-R^4, wherein when X is C-R^4, R^3 and R^4 may be linked to form a 4-6 membered cycloalkyl or heterocyclic ring,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, aryl and heteroaryl, with aryl and heteroaryl optionally substituted by one or more substituents selected from halogen, OH, C_1-C_6 alkyl, C_1-C_6 alkoxy and C_1-C_2 haloalkyl;

when X represents N, then W, Y and Z are C or one of W, Y and Z is a single bond, the other two being C;

when X represents CH or C-R^4, then W, Y and Z are C, or one of W, Y or Z is a single bond, O, S, S(O), $S(O)_2$ or N, the other two being C;

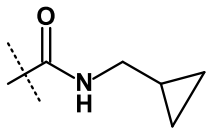
when W, Y, or Z are C, each C may be substituted by 1 or 2 groups which are independently selected from H, halogen, SF_5, =O, =NOH, -OH, -CN, -C(O)Me, -C(O)OH, -C(O)NH_2, NH-C(O)O-C_1-C_4 alkyl, -NO_2, NH_2, NHMe, NMe_2, SH, SMe, SOMe, SO_2Me, C_1-C_4 alkyl, C_3-C_4 cycloalkyl, C_1-C_4 alkoxy, heterocycle, C_1-C_4 heteroalkyl, which may be linked to form a 3-6 membered cycloalkyl or 4-6 membered heterocyclic ring,

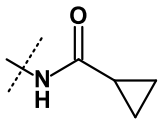
any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a 3-6 membered cycloalkyl or 4-6 membered heterocyclic ring;

wherein

when W, Y or Z is N, this N may be independently substituted by H, C_1-C_4 alkyl, C_3-C_4 cycloalkyl, heterocycle, -C(O)Me, -C(O)NH_2, -C(O)OH, -S(O)Me, -$S(O)_2$Me, -$S(O)_2NH_2$, any of which may be optionally substituted by one or more substituents selected from halogen, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2;

and W, X, Y and Z may be linked directly or via substituents to form a ring;

R^1 represents ;

R^2 represents ;

R^3 is selected from H, -OH, C_1-C_8 alkyl, -NR^dR^c, -NH-R^{14}-NH-R^a, -NMe-R^{14}-NH-R^a, -NH-R^{14}-NMe-R^a, -CO-NR^dR^c, -NH-COO-R^c, -NH-CO-R^c, -COOH, –COO-C_1-C_8 alkyl, -CO-C_1-C_8 alkyl, -C_1-C_8 alkylene-COO-C_1-C_8 alkyl, -C_1-C_8 alkylene—NR^a -COO-C_1-C_8 alkyl, -C_1-C_8 alkylene-NR^dR^c, -C_1-C_8 alkylene-NH-R^{14}-NH-R^a, heteroaryl, -CN, -CH=N-OH, -CF_3, alkylamino, amino, -NH-SO-C_1-C_8 alkyl, -NH-SO_2-C_1-C_8 alkyl, heteroalkyl-amino, aryl, heterocycle, C_3-C_6 cycloalkyl, -NHS(O)(=NH)Me, -SO_2-C_1-C_8 alkyl, -NH-C(CH_3)=N-CN, -NH-CH=N-CN, -NH-S(=O)(=N)-C_1-C_2 alkyl,

any of which may be optionally substituted by one or more substituents selected from halogen, -OH, =O, -COOH, -COH, -CN, SMe, -NR^dR^c, -OR^c, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, C_1-C_2 alkylene-O-C_1-C_2 alkyl, C_1-C_2 alkylene-C_3-C_4 cycloalkyl, heterocycle, C_3-C_6 cycloalkyl, aryl, heteroaryl, C_3-C_6 cycloalkyl-amino, heterocyclo-amino, aryl-amino, heteroaryl-amino, -$CONR^dR^c$, -NHCO-R^a, -NHCOO-C_1-C_4 alkyl, -CO-C_1-C_2 alkyl, -COO-R^a, which may be linked to form a ring, and wherein -$CONR^dR^c$ and -NR^dR^c may be linked to form a seven-membered ring fused to a six-membered aryl group;

with aryl, heteroaryl, heterocycle and cycloalkyl optionally substituted by one or more substituents selected from halogen oxo, cyano, OH, -NOOH, C_1-C_6 alkyl, C_1-C_6 alkoxy, halo-C_1-C_6 alkoxy, C_3-C_6-cycloalkyl-C_1-C_3-alkoxy, -O-CO-C_1-C_6 alkyl, C_3-C_6 cycloalkyl, C_1-C_2 haloalkyl, C_2-C_4 heterocycle, acetyl, acetyl-phenyl, -$CONR^dR^c$, COO-C_1-C_8 alkyl, -S(O)NH-C_1-C_2-alkyl, -$S(O)_n$-C_1-C_2-alkyl, heteroaryl which may be optionally substituted with one or more halogen group, C_1-C_2-alkyl,

with n equal 0, 1 or 2 ;

R^4 is selected from halogen, OH, CN, NO_2, NH_2, NHMe, NMe_2, SH, SMe, SOMe, SO_2Me, C_1-C_4 alkyl, C_3-C_4 cycloalkyl, C_1-C_3 alkoxy, C_1-C_3 heteroalkyl, heterocycle,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl NH_2, NHMe, NMe_2, which may be linked to form a ring;

R^6, R^8 and R^{12} are independently selected from H and C_1-C_3 alkyl,

any of which may be optionally substituted by 1 to 7 halogen;

R^7, R^9 and R^{11} are independently selected from H, C_1-C_8 alkyl, C_2-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 heteroalkenyl, C_2-C_8 alkynyl, C_2-C_8 heteroalkynyl, C_3-C_8 cycloalkyl, heterocycle, C_4-C_8 cycloalkenyl, C_3-C_8 heterocycloalkenyl, aryl, heteroaryl, -C_1-C_2 alkylene-C_3-C_6 cycloalkyl, -C_1-C_2 alkylene- heterocycle, -C_1-C_2 alkylene-aryl, -C_1-C_2 alkylene-heteroaryl, -N-C_1-C_7 alky, -N-C_3-C_8 cycloalkyl, -N-heterocycle, -N-heteroaryl, C_1-C_7 alkoxy, -O-C_3-C_8 cycloalkyl, -O-heterocycle, -O-heteroaryl,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, -O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a ring;

R^{10} is selected from H, C_1-C_8 alkyl, C_2-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 heteroalkenyl, C_2-C_8 alkynyl, C_2-C_8 heteroalkynyl, C_3-C_8 cycloalkyl, heterocycle, C_4-C_8 cycloalkenyl, C_3-C_8 heterocycloalkenyl, aryl, heteroaryl, -C_1-C_3 alkylene-C_3-C_6 cycloalkyl, -C_1-C_3 alkylene- heterocycle, -C_1-C_3 alkylene-aryl, -C_1-C_3 alkylene-heteroaryl, -N-C_1-C_8 alkyl,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, -O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a ring;

R^{13} is selected from C_1-C_7 alkyl, C_1-C_6 heteroalkyl, C_3-C_8 cycloalkyl, -C_1-C_2 alkylene-C_3-C_6 cycloalkyl, C_3-C_5 heterocycle,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a cycloalkyl or heterocyclic ring;

R^6 and R^7 may be linked to one another to form a ring;

R^8 and R^9 may be linked to one another to form a ring;

R^{12} and R^{13} may be linked to one another to form a ring;

R^{14} is C=O, C=S, C=N-OH, C=NR^b, C=CH-NO_2, SO_2, and C_3-C_6 cycloalkenyl which may be substituted with 1 or 2 =O;

R^a is selected from H, C_1-C_8 alkyl, heteroalkyl, C_1-C_8 alkoxy, heterocycle, C_3-C_8 cycloalkyl, heteroaryl and aryl,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, -O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_3-C_6 cycloalkyl, C_3-C_6 heterocycloalkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, aryl, heteroaryl, NH_2, NHMe, NMe_2 which may be linked to form a ring;

R^b is selected from CN, aryl, heteroaryl, -NO_2, -O-C_1-C_2 alkyl, -CO-O-C_1-C_2 alkyl,

with aryl and heteroaryl optionally substituted by one or more C_1-C_2 alkyl;

R^c is selected from H, aryl, heteroaryl, C_3-C_6 cycloalkenyl,C_3-C_8 cycloalkyl, heterocycle, C_1-C_8 alkyl, C_1-C_8 heteroalkyl, C_1-C_4 alkylene-C_3-C_6 cycloalkyl;

any of which may be optionally substituted by one or more substituents selected from $C(O)(R^g)$, $C(O)N(R^f)(R^g)$, halogen, SF_5, OH, =O, -COH, -COOH, -CO-O-R^a, CN, SMe, SO_2Me, SO_2R^g, C_1-C_4 alkoxy, O-C_1-C_4 haloalkyl, C_1-C_4 alkyl, C_1-C_2 heteroalkyl, C_1-C_4 haloalkyl, $N(R^f)(R^g)$, $N(R^f)SO_2(R^g)$, SO_2NH_2, SO_2NHMe, SO_2NMe_2, $S(O)(NR^f)R^g$, C_3-C_6 cycloalkyl, heterocycle, C_1-C_4 alkylene-C_3-C_6 cycloalkyl, aryl and heteroaryl, which may be linked to form a ring

with aryl, heteroaryl, heterocycle and cycloalkyl optionally substituted by one or more substituents selected from halogen, =O, =NH, =NMe, OH, C_1-C_2 alkyl, C_1-C_2 alkoxy, -COOH, -COO-C_1-C_2 alkyl, SO_2R^a, COR^a, SOR^a, $S(O)(NH)R^a$, $CONHR^a$, which may be linked to form a ring;

R^d represents H or C_1-C_4 alkyl

and R^c and R^d may be linked to form a heterocycle;

R^e is selected from -$C(O)OR^a$, $-C(O)N(R^f)(R^g)$, aryl, heteroaryl, C1-C2 haloalkyl, -CN where R^f and R^g may be linked to form a ring,

with aryl and heteroaryl optionally substituted with one or more substituents selected from C1-C2 haloalkyl, C1-C2 alkyl ;

R^f is selected from H, aryl, heteroaryl, C_3-C_6 cycloalkenyl, C_3-C_8 cycloalkyl, heterocycle, C_1-C_8 alkyl, C_1-C_8 heteroalkyl, C_1-C_4 alkylene-C_3-C_6 cycloalkyl ,

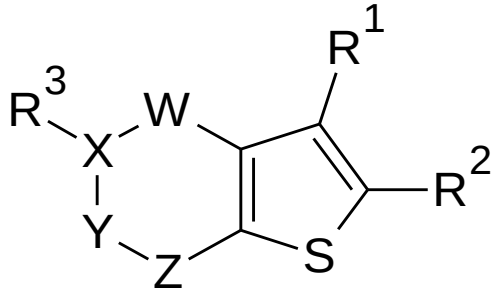
any of which may be optionally substituted by one or more substituents selected from halogen, =O, =NH, =NMe, OH, aryl, heteroaryl, C_1-C_2 alkyl, C_1-C_2 haloalkyl, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, -COOH, -COO- C_1-C_2 alkyl, SO_2R^a, COR^a, SOR^a, $S(O)(NH)R^a$, $CONHR^a$;

R^g is selected from H, aryl, heteroaryl, C_3-C_6 cycloalkenyl, C_3-C_8 cycloalkyl, heterocycle, C_1-C_8 alkyl, C_1-C_8 heteroalkyl, C_1-C_4 alkylene-C_3-C_6 cycloalkyl ,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, =NH, =NMe, OH, aryl, heteroaryl, C_1-C_2 alkyl, C_1-C_2 haloalkyl, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, -COOH, -COO- C_1-C_2 alkyl, SO_2R^a, COR^a, SOR^a, $S(O)(NH)R^a$, $CONHR^a$

R^f and R^g may be linked to form a ring.

2. Compounds of formula (Ia) and pharmaceutically acceptable salts thereof:



(Ia)

wherein

X represents CH, N, or C-R^4, wherein when X is C-R^4, R^3 and R^4 may be linked to form a 4-6 membered cycloalkyl or heterocyclic ring,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, aryl and heteroaryl, with aryl and heteroaryl optionally substituted by one or more substituents selected from halogen, OH, C_1-C_6 alkyl, C_1-C_6 alkoxy and C_1-C_2 haloalkyl;

when X represents N, then W, Y and Z are C or one of W, Y and Z is a single bond, the other two being C;

when X represents CH or C-R^4, then W, Y and Z are C, or one of W, Y or Z is a single bond, O, S, S(O), $S(O)_2$ or N, the other two being C;

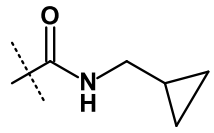
when W, Y, or Z are C, each C may be substituted by 1 or 2 groups which are independently selected from H, halogen, SF_5, =O, =NOH, -OH, -CN, -C(O)Me, -C(O)OH, -C(O)NH_2, NH-C(O)O-C_1-C_4 alkyl, -NO_2, NH_2, NHMe, NMe_2, SH, SMe, SOMe, SO_2Me, C_1-C_4 alkyl, C_3-C_4 cycloalkyl, C_1-C_4 alkoxy, heterocycle, C_1-C_4 heteroalkyl, which may be linked to form a 3-6 membered cycloalkyl or 4-6 membered heterocyclic ring,

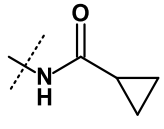
any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a 3-6 membered cycloalkyl or 4-6 membered heterocyclic ring;

wherein

when W, Y or Z is N, this N may be independently substituted by H, C_1-C_4 alkyl, C_3-C_4 cycloalkyl, heterocycle, -C(O)Me, -C(O)NH_2, -C(O)OH, -S(O)Me, -$S(O)_2$Me, -$S(O)_2NH_2$, any of which may be optionally substituted by one or more substituents selected from halogen, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2;

and W, X, Y and Z may be linked directly or via substituents to form a ring;

R^1 represents ;

R^2 represents ;

R^3 is selected from H, -OH, C_1-C_8 alkyl, -NR^dR^c, -NH-R^{14}-NH-R^a, -NMe-R^{14}-NH-R^a, -NH-R^{14}-NMe-R^a, -CO-NR^dR^c, -NH-COO-R^c, -NH-CO-R^c, -COOH, –COO-C_1-C_8 alkyl, -CO-C_1-C_8 alkyl, -C_1-C_8 alkylene-COO-C_1-C_8 alkyl, -C_1-C_8 alkylene—NR^a -COO-C_1-C_8 alkyl, -C_1-C_8 alkylene-NR^dR^c, -C_1-C_8 alkylene-NH-R^{14}-NH-R^a, heteroaryl, -CN, -CH=N-OH, -CF_3,

alkylamino, amino, -NH-SO-C_1-C_8 alkyl, -NH-SO_2-C_1-C_8 alkyl, heteroalkyl-amino, aryl, heterocycle, C_3-C_6 cycloalkyl, -NHS(O)(=NH)Me, -SO_2-C_1-C_8 alkyl, -NH-C(CH_3)=N-CN, -NH-CH=N-CN, -NH-S(=O)(=N)-C_1-C_2 alkyl,

any of which may be optionally substituted by one or more substituents selected from halogen, -OH, =O, -COOH, -COH, -CN, SMe, -NR^dR^c, -OR^c, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, C_1-C_2 alkylene-O-C_1-C_2 alkyl, C_1-C_2 alkylene-C_3-C_4 cycloalkyl, heterocycle, C_3-C_6 cycloalkyl, aryl, heteroaryl, C_3-C_6 cycloalkyl-amino, heterocycle-amino, aryl-amino, heteroaryl-amino, -$CONR^dR^c$, -NHCO-R^a, -NHCOO-C_1-C_4 alkyl, -CO-C_1-C_2 alkyl, -COO-R^a, which may be linked to form a ring,

with aryl, heteroaryl, heterocycle and cycloalkyl optionally substituted by one or more substituents selected from halogen, OH, C_1-C_6 alkyl, C_1-C_6 alkoxy, -O-CO-C_1-C_6 alkyl, C_3-C_6 cycloalkyl, C_1-C_2 haloalkyl and C_2-C_4 heterocycle;

R^4 is selected from halogen, OH, CN, NO_2, NH_2, NHMe, NMe_2, SH, SMe, SOMe, SO_2Me, C_1-C_4 alkyl, C_3-C_4 cycloalkyl, C_1-C_3 alkoxy, C_1-C_3 heteroalkyl, heterocycle,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl NH_2, NHMe, NMe_2, which may be linked to form a ring;

R^6, R^8 and R^{12} are independently selected from H and C_1-C_3 alkyl,

any of which may be optionally substituted by 1 to 7 halogen;

R^7, R^9 and R^{11} are independently selected from H, C_1-C_8 alkyl, C_2-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 heteroalkenyl, C_2-C_8 alkynyl, C_2-C_8 heteroalkynyl, C_3-C_8 cycloalkyl, heterocycle, C_4-C_8 cycloalkenyl, C_3-C_8 heterocycloalkenyl, aryl, heteroaryl, -C_1-C_2 alkylene-C_3-C_6 cycloalkyl, -C_1-C_2 alkylene- heterocycle, -C_1-C_2 alkylene-aryl, -C_1-C_2 alkylene-heteroaryl, -N-C_1-C_7 alky, -N-C_3-C_8 cycloalkyl, -N-heterocycle, -N-heteroaryl, C_1-C_7 alkoxy, -O-C_3-C_8 cycloalkyl, -O-heterocycle, -O-heteroaryl,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, -O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a ring;

R^{10} is selected from H, C_1-C_8 alkyl, C_2-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 heteroalkenyl, C_2-C_8 alkynyl, C_2-C_8 heteroalkynyl, C_3-C_8 cycloalkyl, heterocycle, C_4-C_8 cycloalkenyl, C_3-C_8 heterocycloalkenyl, aryl, heteroaryl, -C_1-C_3 alkylene-C_3-C_6 cycloalkyl, -C_1-C_3 alkylene- heterocycle, -C_1-C_3 alkylene-aryl, -C_1-C_3 alkylene-heteroaryl, -N-C_1-C_8 alkyl,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, -O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a ring;

R^{13} is selected from C_1-C_7 alkyl, C_1-C_6 heteroalkyl, C_3-C_8 cycloalkyl, -C_1-C_2 alkylene-C_3-C_6 cycloalkyl, C_3-C_5 heterocycle,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, NH_2, NHMe, NMe_2, which may be linked to form a cycloalkyl or heterocyclic ring;

R^6 and R^7 may be linked to one another to form a ring;

R^8 and R^9 may be linked to one another to form a ring;

R^{12} and R^{13} may be linked to one another to form a ring;

R^{14} is C=O, C=S, C=N-OH, C=NR^b, C=CH-NO_2, SO_2, and C_3-C_6 cycloalkenyl which may be substituted with 1 or 2 =O;

R^a is selected from H, C_1-C_8 alkyl, heteroalkyl, C_1-C_8 alkoxy, heterocycle, C_3-C_8 cycloalkyl, heteroaryl and aryl,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, OH, SMe, C_1-C_2 alkoxy, -O-C_1-C_2 haloalkyl, C_1-C_2 alkyl, C_3-C_6 cycloalkyl, C_1-C_2 heteroalkyl, C_1-C_2 haloalkyl, aryl, heteroaryl, NH_2, NHMe, NMe_2 which may be linked to form a ring;

R^b is selected from CN, aryl, heteroaryl, -NO_2, -O-C_1-C_2 alkyl, -CO-O-C_1-C_2 alkyl,

with aryl and heteroaryl optionally substituted by one or more C_1-C_2 alkyl;

R^c is selected from H, aryl, heteroaryl, C_3-C_6 cycloalkenyl,C_3-C_8 cycloalkyl, heterocycle, C_1-C_8 alkyl, C_1-C_8 heteroalkyl, C_1-C_4 alkylene-C_3-C_6 cycloalkyl;

any of which may be optionally substituted by one or more substituents selected from C(O)(R^g), C(O)N(R^f)(R^g), halogen, SF_5, OH, =O, -COH, -COOH, -CO-O-R^a, CN, SMe, SO_2Me, SO_2R^g, C_1-C_4 alkoxy, O-C_1-C_4 haloalkyl, C_1-C_4 alkyl, C_1-C_2 heteroalkyl, C_1-C_4 haloalkyl, N(R^f)(R^g), N(R^f)SO_2(R^g), SO_2NH_2, SO_2NHMe, SO_2NMe_2, S(O)(NR^f)R^g, C_3-C_6 cycloalkyl, heterocycle, C_1-C_4 alkylene-C_3-C_6 cycloalkyl, aryl and heteroaryl, which may be linked to form a ring

with aryl, heteroaryl, heterocycle and cycloalkyl optionally substituted by one or more substituents selected from halogen, =O, =NH, =NMe, OH, C_1-C_2 alkyl, C_1-C_2 alkoxy, -COOH, -COO-C_1-C_2 alkyl, SO_2R^a, COR^a, SOR^a, S(O)(NH)R^a, $CONHR^a$, which may be linked to form a ring;

R^d represents H or C_1-C_4 alkyl

and R^c and R^d may be linked to form a heterocycle;

R^e is selected from -C(O)OR^a, -C(O)N(R^f)(R^g), aryl, heteroaryl, C1-C2 haloalkyl, -CN where R^f and R^g may be linked to form a ring,

with aryl and heteroaryl optionally substituted with one or more substituents selected from C1-C2 haloalkyl, C1-C2 alkyl ;

R^f is selected from H, aryl, heteroaryl, C_3-C_6 cycloalkenyl, C_3-C_8 cycloalkyl, heterocycle, C_1-C_8 alkyl, C_1-C_8 heteroalkyl, C_1-C_4 alkylene-C_3-C_6 cycloalkyl ,

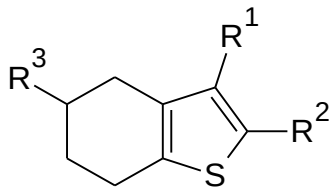
any of which may be optionally substituted by one or more substituents selected from halogen, =O, =NH, =NMe, OH, aryl, heteroaryl, C_1-C_2 alkyl, C_1-C_2 haloalkyl, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, -COOH, -COO- C_1-C_2 alkyl, SO_2R^a, COR^a, SOR^a, S(O)(NH)R^a, $CONHR^a$;

R^g is selected from H, aryl, heteroaryl, C_3-C_6 cycloalkenyl, C_3-C_8 cycloalkyl, heterocycle, C_1-C_8 alkyl, C_1-C_8 heteroalkyl, C_1-C_4 alkylene-C_3-C_6 cycloalkyl ,

any of which may be optionally substituted by one or more substituents selected from halogen, =O, =NH, =NMe, OH, aryl, heteroaryl, C_1-C_2 alkyl, C_1-C_2 haloalkyl, C_1-C_2 alkoxy, O-C_1-C_2 haloalkyl, -COOH, -COO- C_1-C_2 alkyl, SO_2R^a, COR^a, SOR^a, $S(O)(NH)R^a$, $CONHR^a$

R^f and R^g may be linked to form a ring.

3. A compound according to claim 1 or 2, or a pharmaceutically acceptable salt thereof, which is a compound of formula (II):



(II)

wherein R^1, R^2 and R^3 are as defined in claim 1.

4. A compound according to any of claims 1 or 2 or a pharmaceutically acceptable salt thereof, wherein X is C or N; Z is C, N, O or S; Y is C or S.

5. A compound according to anyone of claims 1 or 2 or a pharmaceutically acceptable salt thereof, wherein X Y, W is C and Z is N wherein N is substituted with a group selected from methylsulfonyl, acetyl ethylcarbamoyl, cyano.

6. A compound according to anyone of claims 1 or 2or a pharmaceutically acceptable salt thereof, wherein X, Y, W, Z is C and wherein Z is substituted with a group selected from OH, methyl, ethylcarbamoyl, cyano, oxo, tert-butoxycarbonylamino, 1H-pyrazol-3-yl,

7. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein X, Y, W, Z is C and wherein W is substituted with a methyl group and R^3 is H or a methyl group.

8. A compound according to anyone of claims 1 to 4 or a pharmaceutically acceptable salt thereof, wherein X is C or N and R^3 is selected from H, OH, methyl, amino, methylsulfonyl, acetyl, 2-methoxyacetyl, 2-phenylacetyl, 2-(tert-butoxycarbonylamino)ethyl, 2-phenylethyl, pyrimidin-2-ylamino, methanesufonamido, (4-methoxyphenyl)carbamothioylamino, (4-Methoxyphenyl)carbamoylamino, ethylcarbamoyl, [*N*'-Cyano-*N*-(p-tolyl)carbamimidoyl]amino, [*N*'-Cyano-*N*-ethyl-carbamimidoyl]amino, (1-oxoisoindolin-5-yl)carbamoyl, (3-sulfamoylphenyl)carbamoyl, (3-methylsulfonylphenyl)carbamoyl, 3-isoxazol-5-ylanilino, (2-ethoxy-3,4-dioxo-cyclobuten-1-yl)amino, ethylcarbonyl, carboxy, (1-oxoisoindolin-5-yl)aminocarbonyl, [(5-oxopyrrolidin-3-yl)phenyl]aminocarbonyl, [3-(3-methyl-5-oxo-4H-pyrazol-1-yl)phenyl]carbonylamino, (1H-indazol-4-yl)carbonylamino, 1H-imidazo[4,5-b]pyrazin-2-yl, indan-2-yl, [2-(4-methoxyphenyl)ethylaminocarbonyl, quinoxalin-6-yl, (thiazol-2-yl)aminocarbonyl, (1H-tetrazol-5-yl)aminocarbonyl, (4-pyridyl)aminocarbonyl, pyrazin-2-ylaminocarbonyl, (3-pyridyl)aminocarbonyl, 3-hydroxyazetidine-1-carbonyl, 1,1-dioxo-1,4-thiazinane-4-carbonyl, 2-(4-hydroxyphenyl)ethylaminocarbonyl, hydroxyiminomethyl, [(4-ethyl-1,2,4-triazol-3-yl)amino]methyl, (4-methylanilino)methyl, 2-Amino-3-pyridyl, 5-(p-tolyl)-1H-imidazol-2-yl, cyano, trifluoromethyl, 4-methyloxazol-2-yl, aminomethyl, (p-tolylcarbamoylamino)methyl, 3-methyl-1,2,4-oxadiazol-5-yl, 5-methyl-1,3,4-oxadiazol-2-yl, pyrrolidine-1-carbonyl, 3-pyridylcarbamothioylamino, 3-(3-pyridylamino)-1,2,4-triazol-4-yl, 1H-pyrazol-3-yl, 5-Amino-4-cyano-imidazol-1-yl, 3-(2,2-dimethylpropylamino)-1,2,4-triazol-4-yl, 3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 4-(2,5-dimethylpyrazol-3-yl)-1,2,4-triazol-3-yl]amino, [(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl, N'-Cyano-N-phenyl-carbamimidoylamino, 3-(isobutylamino)-1,2,4-triazol-4-yl, 3-[(1-methylcyclopropyl)methylamino]-1,2,4-triazol-4-yl, 5-Acetamidoimidazol-1-yl, 3-[(5-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-(4-pyridylamino)-1,2,4-triazol-4-yl, N'-Cyano-N-(3,4-dimethoxyphenyl)carbamimidoyl]amino, 4-ethoxycarbony-5-(ethylamino)imidazole-1-yl, 3-(2-morpholinoethylamino)-1,2,4-triazol-4-yl, (5-oxo-4H-1,2,4-oxadiazol-3-yl)amino, 2-(ethylamino)-3,4-dioxo-cyclobuten-1-yl]amino, [N'-cyano-N-(2,2,2-trifluoroethyl)carbamimidoyl]amino, 3-(ethylamino)-1,2,4-triazol-4-yl, (N-ethyl-N'-nitro-carbamimidoyl)amino, 3-(3-pyridylamino)-1,2,4-triazol-4-yl, 3-[(1-oxidopyridin-1-ium-3-yl)amino, [N'-nitro-N-(p-tolyl)carbamimidoyl]amino, 2-(3-pyridylamino)imidazol-1-yl, 3-(3-pyridylamino)-1,2,4-triazol-4-yl, 3-(cyclopropylmethylamino, (2,5-dimethylpyrazol-3-yl)carbamothioylamino, 3-(pyrimidin-5-ylamino)-1,2,4-triazol-4-yl, 2-(cyclopropylmethylamino)imidazol-1-yl, [4-(ethylamino)-1,1-dioxo-1,2,5-thiadiazol-3-yl]amino, [1-(4-methylanilino)-2-nitro-vinyl]amino, (N'-cyano-N-ethyl-carbamimidoyl)-

methyl-amino, [2-(4-methylanilino)-3,4-dioxo-cyclobuten-1-yl]amino, 3-(2-pyridylamino)-1,2,4-triazol-4-yl, 2-Acetamidoimidazol-1-yl, 5-(N-tert-butyloxycarbonylamino)-triazol-1-yl, 5-(3-pyridylamino)triazol-1-yl, ethylcarbamothioylamino, 3-[[(3S)-tetrahydrofuran-3-yl]amino]-1,2,4-triazol-4-yl, [(E)-N-ethyl-N'-nitro-carbamimidoyl]amino, 2-(ethylamino)imidazol-1-yl, 3-[(3,5-dimethylisoxazol-4-yl)amino, [[N'-ethoxycarbonyl-N-(p-tolyl)carbamimidoyl]amino], [2-[(2-methyl-3-pyridyl)amino]imidazol-1-yl, 1-[(ethylamino)-2-nitro-vinyl]amino, (4-methyl-6-oxo-1H-pyrimidin-2-yl)amino, 5-amino-4-(methylcarbamoyl)imidazol-1-yl, 5-amino-4-carbamoyl-imidazol-1-yl, 2-Anilinoimidazol-1-yl, ethylcarbamoylamino, (4-oxo-1H-pyridin-2-yl)amino, [6-(5-methyl-1,3,4-oxadiazol-2-yl)-3-pyridyl]amino, 5-(ethylamino)tetrazol-1-yl, 1H-1,2,4-triazol-3-ylamino, 4-(1-methylpyrazol-4-yl)-1,2,4-triazol-3-yl]amino, 4-(ethyloxy-carbonyl)imidazol-1-yl, [4-(4-fluorophenyl)-1,2,4-triazol-3-yl]amino, 1H-imidazol-2-ylamino, N'-methoxy-N-(p-tolyl)carbamimidoyl]amino, [4-(4-methylanilino)-1,1-dioxo-1,2,5-thiadiazol-3-yl]amino, [1-(3-pyridyl)imidazol-2-yl]amino, 5-aminotriazol-1-yl, (2-methoxyphenyl)carbamoylamino, 4-pyridine-carbonylamino, benzylamino, 1H-Benzimidazol-2-ylamino, [N'-hydroxycarbamimidoyl]amino, [N'-(1-methylpyrazol-3-yl)-N-(p-tolyl)carbamimidoyl]amino, 3-[(3,5-dimethylpyrazin-2-yl)amino, 3-(ethylamino)-5-(methoxymethyl)-1,2,4-triazol-4-yl, [5-(3-pyridyl)-1H-1,2,4-triazol-3-yl]amino, p-tolyl-carbonylamino, quinazolin-2-ylamino, 1,3-Benzoxazol-2-ylamino, 3-(ethylamino)-5-(hydroxymethyl)-1,2,4-triazol-4-yl, 2-aminoimidazol-1-yl, 3-amino-5-oxo-1,2,4-oxadiazol-4-yl, 3-(ethylamino)-5-methyl-1,2,4-triazol-4-yl, (2-ethyl-3,4-dioxo-cyclobuten-1-yl)amino, 1,3,4-oxadiazol-2-ylamino, 5-oxo-1-(p-tolyl)-4H-imidazol-2-yl]amino, [2-[ethyl(methyl)amino]-3,4-dioxo-cyclobuten-1-yl]amino, (methylsulfonimidoyl)amino, [N-Cyano-C-methyl-carbonimidoyl]amino, tetrazol-1-yl, methanesulfinamido, morpholino, 3-(ethylamino)-5-(trifluoromethyl)-1,2,4-triazol-4-yl, (4-oxo-1H-pyrimidin-2-yl)amino, isopropylsulfamoylamino, *N*'-Cyano-*N*-morpholino-carbamimidoyl]amino, acetamido, methanesulfonamido, [N'-Cyano-N-methoxy-carbamimidoyl]amino, (4-methoxyphenyl)carbamoylamino, [4-oxo-6-(trifluoromethyl)-1H-pyrimidin-2-yl]amino, [4-(trifluoromethoxy)phenyl]carbamoylamino, 3-(2-methylpropanoylamino)-1,2,4-triazol-4-yl, 3-[(2,5-dimethylpyrazol-3-yl)-methyl-amino]-1,2,4-triazol-4-yl, 5-amino-4-(5-methyl-1,3,4-oxadiazol-2-yl)imidazol-1-yl, 3-[(3-methyl-1H-pyrazol-5-yl)amino]-1,2,4-triazol-4-yl, 3-[(1,3-dimethylpyrazol-4-yl)amino]-1,2,4-triazol-4-yl -[(5-cyclopropyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(5-isopropyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(2-isopropyl-5-methyl-pyrazol-3-yl)amino, 3-[(5-methyl-2-tetrahydrofuran-3-yl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2-ethyl-5-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2-cyclopropyl-5-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(3-methoxy-1-methyl-pyrazol-4-yl)amino]-1,2,4-triazol-4-yl, 3-[(5-ethyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino, 3-[(1,4-

dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl, [3-[(5-methoxycarbonyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl], 2-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]imidazol-1-yl, [3-[(5-carboxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl].

9. Compounds according to Claims 1 or a pharmaceutically acceptable salt thereof, wherein W, X, Y, Z is C and Z is optionally substituted with a methyl group.

10. Compounds according to Claim 1 to 4 or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from (1,1-dioxothiolan-3-yl)amino-1,2,4-triazol-4-yl, 3-[3-[methylsulfonimidoyl]anilino]-1,2,4-triazol-4-yl, 3-[(1-acetyl-3-methylpyrrolidin-3-yl)amino]-4H-1,2,4-triazol-4-yl, 3-{[1-(6-methylpyridazin-3-yl)pyrrolidin-3-yl]amino}-4H-1,2,4-triazol-4-yl, 3-[[-1-pyrazin-2-ylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(4-methyl-1-methylsulfonyl-pyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(1-oxo-2,3-dihydro-1H-isoindol-4-yl)amino]-4H-1,2,4-triazol-4-yl, 3-[[-1-(6-fluoropyridazin-3-yl)pyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 3-[[1-pyrimidin-2-ylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 5-amino-4-(2-methoxyethoxycarbonyl)imidazol-1-yl, 5-amino-4-(2-morpholinethoxycarbonyl)imidazol-1-yl, 3-(3-methylsulfanylanilino)-1,2,4-triazol-4-yl, 3-(3-methylsulfonylanilino)-1,2,4-triazol-4-yl, 3-(3-methylsulfinylanilino)-1,2,4-triazol-4-yl, 3-[3-(methylsulfonimidoyl)anilino]-1,2,4-triazol-4-yl, 3-[(6-methylsulfinyl-2-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(6-methylsulfonyl-2-pyridyl)amino]-1,2,4-triazol-4-yl, 8-methoxy-4-oxo-5,10-dihydroimidazo[4,5-c][1,5]benzodiazepin-1-yl, 8-methoxy-5-methyl-4-oxo-10H-imidazo[4,5-c][1,5]benzodiazepin-1-yl, 5-amino-4-[(2S)-2-methylpyrrolidine-1-carbonyl]imidazol-1-yl, 5-amino-4-[(3R)-3-hydroxypyrrolidine-1-carbonyl]imidazol-1-yl, 5-amino-4-[(2S)-2-methylpyrrolidine-1-carbonyl]imidazol-1-yl, 5-[[4-(dihydroxyamino)-2,5-dimethyl-3H-pyrazol-3-yl]amino]-4-ethoxycarbonyl-imidazol-1-yl, 5-[[4-(dihydroxyamino)-2,5-dimethyl-3H-pyrazol-3-yl]amino]-4-ethoxycarbonyl-imidazol-1-yl, 3-(2-methyl-3-methylsulfinyl-anilino)-1,2,4-triazol-4-yl, 3-(2-methyl-3-methylsulfonyl-anilino)-1,2,4-triazol-4-yl, 3-[(2-methyl-5-oxazol-2-yl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 1-acetylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 1-methylsulfonylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(2-methylcyclohexyl)amino]-1,2,4-triazol-4-yl, 3-[(5-oxopyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2-oxo-4-piperidyl)amino]-1,2,4-triazol-4-yl, 3-[(1-acetyl-2-methyl-pyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2-methyl-1-methylsulfonyl-pyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl, -[3-[[3-(6-methyl-3-pyridyl)cyclobutyl]amino]-1,2,4-triazol-4-yl, , 3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, [[1-benzoyl-4,4-difluoro-pyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(1-acetyl-4-piperidyl)amino]-1,2,4-triazol-4-yl, 3-[(1-methoxycarbonylpyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl, 3-[[1-(ethylcarbamoyl)pyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl, 3-

{[2-(pyrimidin-2-yl)-2-azaspiro[4.4]nonan-7-yl]amino}-4H-1,2,4-triazol-4-yl, 3-[[2-methyl-5-(trifluoromethoxy)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[[5-[chloro(difluoro)methoxy]-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-{[1-methyl-3-(5-methyl-1,3,4-oxadiazol-2-yl)-1H-pyrazol-5-yl]amino}-4H-1,2,4-triazol-4-yl, 3-[(5-methoxy-3-methyl-pyrazin-2-yl)amino]-1,2,4-triazol-4-yl, (5-methylthiazolo[5,4-b]pyridin-2-yl)amino, 3-[(5-cyano-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(6-cyano-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(1-methyl-2-oxo-4-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(6-chloro-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[[2-methyl-6-(trifluoromethyl)-3-pyridyl]amino]-1,2,4-triazol-4-yl, 3-[(3-methylpyridazin-4-yl)amino]-1,2,4-triazol-4-yl, 3-[(5-chloro-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(3-methylisothiazol-4-yl)amino]-1,2,4-triazol-4-yl, 3-[(3-methylisoxazol-4-yl)amino]-1,2,4-triazol-4-yl, 3-[[5-(cyclopropylmethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(5-ethoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl, (5-amino-4-ethoxycarbonyl-imidazol-1-yl), 3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[[5-(difluoromethyl)-2-(trideuteriomethyl)pyrazol-3-yl]amino, 3-[(5-Cyano-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[(2,2-difluoro-1,3-benzodioxol-5-yl)amino]-1,2,4-triazol-4-yl, 3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl, 3-[[5-(difluoromethyl)-2-(trideuteriomethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[(6-fluoro-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[[5-(cyclopropoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[[2-methyl-5-(2,2,2-trifluoroethoxy)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl, 3-[[6-(trifluoromethyl)-3-pyridyl]amino]-1,2,4-triazol-4-yl, 3-[(6-methoxy-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(2-methoxy-4-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(6-chloro-3-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(2-chloro-4-pyridyl)amino]-1,2,4-triazol-4-yl, 3-[(6-methoxy-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl, thiazolo[5,4-b]pyridin-2-ylamino, 3-[(3-methyltriazol-4-yl)amino]-1,2,4-triazol-4-yl.

11. A compound or a pharmaceutically acceptable salt thereof, wherein the compound is selected amongst:

2-(Cyclopropanecarbonylamino)-*N*-methyl-5,7-dihydro-4*H*-thieno[2,3-*c*]thiopyran-3-carboxamide ;

6-(Cyclopropanecarbonylamino)-*N*-methyl-3,4-dihydro-2*H*-thieno[2,3-*b*]pyran-5-carboxamide ;

2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-4,5,6,7-tetrahydrothieno[3,2-*c*]pyridine-3-carboxamide; hydrochloride ;

2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-5-methylsulfonyl-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridine-3-carboxamide;

5-Acetyl-2-(cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridine-3-carboxamide;

2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-7-methylsulfonyl-5,6-dihydro-4*H*-thieno[2,3-*b*]pyridine-3-carboxamide ;

7-Acetyl-2-(cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-5,6-dihydro-4*H*-thieno[2,3-*b*]pyridine-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-5-(2-methoxyacetyl)-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridine-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-5-(2-phenylacetyl)-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridine-3-carboxamide ;

Tert-butyl *N*-[2-[2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridin-5-yl]ethyl]carbamate ;

2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-5-(2-phenylethyl)-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridine-3-carboxamide ;

Methyl 2-[2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-6,7-dihydro-4*H*-thieno[3,2-*c*]pyridin-5-yl]acetate ;

(4*R*)-2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-4-methyl-5,6-dihydro-4*H*-cyclopenta[*b*]thiophene-3-carboxamide ;
(4*S*)-2-(Cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-4-methyl-5,6-dihydro-4*H*-cyclopenta[*b*]thiophene-3-carboxamide ;

N-[3-(Cyclopropylmethylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;
N-[3-(Propylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;

N-[3-(Isobutylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;
N-[3-[(2-Hydroxy-2-methyl-propyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;

N-[3-(2-Hydroxypropylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;

N-(3-Pyrrolidin-1-ylsulfonyl-4,5,6,7-tetrahydrobenzothiophen-2-yl)cyclopropanecarboxamide;

N-[3-[(3-Fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-(3-Butylsulfonyl-4,5,6,7-tetrahydrobenzothiophen-2-yl)cyclopropanecarboxamide;

N-[3-(Isobutylsulfamoyl)-5-(pyrimidin-2-ylamino)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[3-(Isobutylsulfamoyl)-5-(methanesulfonamido)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[5-[(4-Methoxyphenyl)carbamothioylamino]-3-(propylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[5-[(4-Methoxyphenyl)carbamoylamino]-3-(propylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

2-(Cyclopropanecarbonylamino)-*N*-ethyl-3-(isobutylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophene-7-carboxamide ;

2-(Cyclopropanecarbonylamino)-*N*-ethyl-3-(isobutylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxamide ;

N-(3-Butylsulfinyl-4,5,6,7-tetrahydrobenzothiophen-2-yl)cyclopropanecarboxamide;

N-[5-[[*N*'-Cyano-*N*-(p-tolyl)carbamimidoyl]amino]-3-(cyclopropylmethylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[5-[[*N*'-Cyano-*N*-ethyl-carbamimidoyl]amino]-3-(cyclopropylmethylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylsulfamoyl)-*N*-(1-oxoisoindolin-5-yl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxamide ;

2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylsulfamoyl)-*N*-(3-sulfamoylphenyl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxamide ;

2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylsulfamoyl)-N-(3-methylsulfonylphenyl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxamide ;

2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylsulfamoyl)-*N*-(3-isoxazol-5-ylphenyl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxamide ;

N-[3-(Cyclopropylmethylsulfamoyl)-5-[(2-ethoxy-3,4-dioxo-cyclobuten-1-yl)amino]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[3-(Cyclopropylmethylsulfamoyl)-5-[[2-(ethylamino)-3,4-dioxo-cyclobuten-1-yl]amino]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[3-(Butylsulfonimidoyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

Ethyl 2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxylate;

2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophene-5-carboxylic acid ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-(1-oxoisoindolin-5-yl)-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-[3-(5-oxopyrrolidin-3-yl)phenyl]-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-[3-(3-methyl-5-oxo-4H-pyrazol-1-yl)phenyl]-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-(1H-indazol-4-yl)-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;2,2,2-trifluoroacetic acid;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-(1H-indazol-5-yl)-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;2,2,2-trifluoroacetic acid;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(1H-imidazo[4,5-b]pyrazin-2-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-indan-2-yl-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-[2-(4-methoxyphenyl)ethyl]-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-quinoxalin-6-yl-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-thiazol-2-yl-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-(1H-tetrazol-5-yl)-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-(4-pyridyl)-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-pyrazin-2-yl-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-(3-pyridyl)-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(3-hydroxyazetidine-1-carbonyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(1,1-dioxo-1,4-thiazinane-4-carbonyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N5-[2-(4-hydroxyphenyl)ethyl]-4,5,6,7-tetrahydrobenzothiophene-3,5-dicarboxamide ;

2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(hydroxyiminomethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[(4-ethyl-1,2,4-triazol-3-yl)amino]methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-hydroxy-5-[(4-methylanilino)methyl]-6,7-dihydro-4H-benzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-2'-oxo-3'-(p-tolyl)spiro[6,7-dihydro-4H-benzothiophene-5,5'-oxazolidine]-3-carboxamide ;

5-(2-Amino-3-pyridyl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[5-(p-tolyl)-1H-imidazol-2-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-Cyano-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

7-Cyano-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5R)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(trifluoromethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(trifluoromethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(4-methyloxazol-2-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-(Aminomethyl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-hydroxy-6,7-dihydro-4H-benzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-hydroxy-5-[(p-tolylcarbamoylamino)methyl]-6,7-dihydro-4H-benzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(3-methyl-1,2,4-oxadiazol-5-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(5-methyl-1,3,4-oxadiazol-2-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(pyrrolidine-1-carbonyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-hydroxy-5-methyl-6,7-dihydro-4H-benzothiophene-3-carboxamide ;

N-[3-[(3R)-3-Fluoropyrrolidine-1-carbonyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[3-(3-Fluoroazetidine-1-carbonyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[3-(Piperidine-1-carbonyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;

2-(Cyclopropanecarbonylamino)-7-hydroxy-N-methyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4-methyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5,7-dimethyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-methyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-7-methyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5,5-dimethyl-6,7-dihydro-4H-benzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-methyl-7-oxo-5,6-dihydro-4H-benzothiophene-3-carboxamide ;

2'-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)spiro[1,3-dioxolane-2,5'-6,7-dihydro-4H-benzothiophene]-3'-carboxamide ;

N-(Cyclopropylmethyl)-2-(2-methylpropanoylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclobutanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5-dimethyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-4,5-dimethyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxylic acid ;

N-(cyclopropylmethyl)-2-[(2-methylcyclopropanecarbonyl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide – Diastereomer 1 ;
N-(cyclopropylmethyl)-2-[(2-methylcyclopropanecarbonyl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide – Diastereomer 2 ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-2',5'-dioxo-spiro[6,7-dihydro-4H-benzothiophene-5,4'-imidazolidine]-3-carboxamide ;

Cyclopropylmethyl 2-(cyclopropanecarbonylamino)-5-(3-pyridylcarbamothioylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxylate ;

Cyclopropylmethyl 2-(cyclopropanecarbonylamino)-5-[3-(3-pyridylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxylate;

2-(Cyclopropanecarbonylamino)-N,5-dimethyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N,7-dimethyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

tert-Butyl N-[2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-7-yl]carbamate;

2-(Cyclopropanecarbonylamino)-N3-(cyclopropylmethyl)-N7-ethyl-4,5,6,7-tetrahydrobenzothiophene-3,7-dicarboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(1H-pyrazol-3-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-7-(1H-pyrazol-3-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

N-Methyl-2-[(2-methylcyclopropanecarbonyl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

Ethyl 2-(cyclopropanecarbonylamino)-7-hydroxy-4,5,6,7-tetrahydrobenzothiophene-3-carboxylate ;

(5S)-5-(5-Amino-4-cyano-imidazol-1-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(2,2-dimethylpropylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[4-(2,5-dimethylpyrazol-3-yl)-1,2,4-triazol-3-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-N-isobutyl-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-Amino-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-[[N'-Cyano-N-phenyl-carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(isobutylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(1-methylcyclopropyl)methylamino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-5-(5-Acetamidoimidazol-1-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(4-pyridylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-[[N'-Cyano-N-(3,4-dimethoxyphenyl)carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

Ethyl 5-amino-1-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]imidazole-4-carboxylate ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(2-morpholinoethylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(5-oxo-4H-1,2,4-oxadiazol-3-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[2-(ethylamino)-3,4-dioxo-cyclobuten-1-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-[[N'-cyano-N-(2,2,2-trifluoroethyl)carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(ethylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(N-ethyl-N'-nitro-carbamimidoyl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(3-pyridylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(1-oxidopyridin-1-ium-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[N'-nitro-N-(p-tolyl)carbamimidoyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[2-(3-pyridylamino)imidazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

N-[(5S)-3-(5-azaspiro[2.4]heptane-5-carbonyl)-5-[3-(3-pyridylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

N-[(5R)-3-(5-Azaspiro[2.4]heptane-5-carbonyl)-5-[3-(3-pyridylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(cyclopropylmethylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(2,5-dimethylpyrazol-3-yl)carbamothioylamino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(pyrimidin-5-ylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[2-(cyclopropylmethylamino)imidazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[4-(ethylamino)-1,1-dioxo-1,2,5-thiadiazol-3-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[1-(4-methylanilino)-2-nitro-vinyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-5-[(N'-cyano-N-ethyl-carbamimidoyl)-methyl-amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[2-(4-methylanilino)-3,4-dioxo-cyclobuten-1-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(2-pyridylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-5-(2-Acetamidoimidazol-1-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

tert-Butyl N-[3-[2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]triazol-4-yl]carbamate ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[5-(3-pyridylamino)triazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(ethylcarbamothioylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3S)-tetrahydrofuran-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

5-[[N'-Cyano-N-ethyl-carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[(E)-N-ethyl-N'-nitro-carbamimidoyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5R)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[(E)-N-ethyl-N'-nitro-carbamimidoyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[2-(ethylamino)imidazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3,5-dimethylisoxazol-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

ethyl N-[[[2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]amino]-(4-methylanilino)methylene]carbamate ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[2-[(2-methyl-3-pyridyl)amino]imidazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[1-(ethylamino)-2-nitro-vinyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(4-methyl-6-oxo-1H-pyrimidin-2-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-amino-1-[(5S)-2-cyclopropaneamido-3-[(cyclopropylmethyl)carbamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-5-yl]-N-methyl-1H-imidazole-4-carboxamide ;

5-amino-1-[(5S)-2-cyclopropaneamido-3-[(cyclopropylmethyl)carbamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-5-yl]-1H-imidazole-4-carboxamide;

5-(2-Anilinoimidazol-1-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-5-[[N'-cyano-N-ethyl-carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(ethylcarbamoylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(4-oxo-1H-pyridin-2-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[6-(5-methyl-1,3,4-oxadiazol-2-yl)-3-pyridyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[5-(ethylamino)tetrazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(1H-1,2,4-triazol-3-ylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5R)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[4-(1-methylpyrazol-4-yl)-1,2,4-triazol-3-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

ethyl 1-[(5S)-2-cyclopropaneamido-3-[(cyclopropylmethyl)carbamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-5-yl]-1H-imidazole-4-carboxylate;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[4-(4-fluorophenyl)-1,2,4-triazol-3-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(1H-imidazol-2-ylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

N-[3-(isopropylmethylsulfamoyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[N'-methoxy-N-(p-tolyl)carbamimidoyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[4-(4-methylanilino)-1,1-dioxo-1,2,5-thiadiazol-3-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[1-(3-pyridyl)imidazol-2-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-(5-Aminotriazol-1-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(2-methoxyphenyl)carbamoylamino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

N-[2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-

tetrahydrobenzothiophen-5-yl]pyridine-4-carboxamide ;

5-(Benzylamino)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-(1H-Benzimidazol-2-ylamino)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[N'-hydroxycarbamimidoyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[N'-(1-methylpyrazol-3-yl)-N-(p-tolyl)carbamimidoyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;formic acid ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3,5-dimethylpyrazin-2-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(ethylamino)-5-(methoxymethyl)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[5-(3-pyridyl)-1H-1,2,4-triazol-3-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

p-Tolyl N-[2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]carbamate ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(quinazolin-2-ylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-(1,3-Benzoxazol-2-ylamino)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(ethylamino)-5-(hydroxymethyl)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-N-(3,3-difluorocyclobutyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-5-(2-Aminoimidazol-1-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-(3-Amino-5-oxo-1,2,4-oxadiazol-4-yl)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(ethylamino)-5-methyl-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5R)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(2-ethyl-3,4-dioxo-cyclobuten-1-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(2-ethyl-3,4-dioxo-cyclobuten-1-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(pyrimidin-2-ylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(1,3,4-oxadiazol-2-ylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-N-(3-fluorocyclobutyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;
2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[5-oxo-1-(p-tolyl)-4H-imidazol-2-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[2-[ethyl(methyl)amino]-3,4-dioxo-cyclobuten-1-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(methylsulfonimidoyl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;
5-[[N-Cyano-C-methyl-carbonimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(tetrazol-1-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(methanesulfinamido)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(cyclopropanecarbonylamino)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-N-(2-fluoro-2-methyl-propyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-morpholino-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(ethylamino)-5-(trifluoromethyl)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(4-oxo-1H-pyrimidin-2-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(isopropylsulfamoylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

5-[[*N*'-Cyano-*N*-morpholino-carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-*N*-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-Acetamido-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(methanesulfonamido)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-[[N'-Cyano-N-methoxy-carbamimidoyl]amino]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

2-(Cyclopropanecarbonylamino)-N-isobutyl-5-[(4-methoxyphenyl)carbamoylamino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;
2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[[4-oxo-6-(trifluoromethyl)-1H-pyrimidin-2-yl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

N-[5-(Methanesulfonamido)-3-(3-methylpyrrolidine-1-carbonyl)-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

2-(Cyclopropanecarbonylamino)-N-propyl-5-[[4-(trifluoromethoxy)phenyl]carbamoylamino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(2-methylpropanoylamino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)-methyl-amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide ;

(5S)-5-[5-amino-4-(5-methyl-1,3,4-oxadiazol-2-yl)imidazol-1-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3-methyl-1H-pyrazol-5-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(1,3-dimethylpyrazol-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-cyclopropyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-isopropyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-isopropyl-5-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-methyl-2-tetrahydrofuran-3-yl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-ethyl-5-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-cyclopropyl-5-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3-methoxy-1-methyl-pyrazol-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-ethyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(1,4-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

Methyl 5-[[4-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]-1,2,4-triazol-3-yl]amino]-1-methyl-pyrazole-3-carboxylate ;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[2-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]imidazol-1-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

5-[[4-[(5S)-2-(Cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]-1,2,4-triazol-3-yl]amino]-1-methyl-pyrazole-3-carboxylic acid ;

their enantiomers and pharmaceutically acceptable salts thereof.

12. A compound according to any one of claims 1 to 8 or a pharmaceutically acceptable salt thereof, wherein the compound is selected amongst:

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3S*)-1,1-dioxothiolan-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [*or R];

(5S)-2-cyclopropaneamido-N-(cyclopropylmethyl)-5-[3-({3-[imino(methyl)oxo-lambda6-sulfanyl]-2-methylphenyl}amino)-4H-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[2-methyl-3-[(S)-methylsulfonimidoyl]anilino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[2-methyl-3-[(R)-methylsulfonimidoyl]anilino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-{3-[(1-acetyl-3-methylpyrrolidin-3-yl)amino]-4H-1,2,4-triazol-4-yl}-2-cyclopropaneamido-N-(cyclopropylmethyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[(3S*)-1-acetyl-3-methyl-pyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or R];

(5S)-2-cyclopropaneamido-N-(cyclopropylmethyl)-5-(3-{[(3S)-1-(6-methylpyridazin-3-yl)pyrrolidin-3-yl]amino}-4H-1,2,4-triazol-4-yl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3S)-1-pyrazin-2-ylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(4-methyl-1-methylsulfonyl-pyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-cyclopropaneamido-N-(cyclopropylmethyl)-5-{3-[(1-oxo-2,3-dihydro-1H-isoindol-4-yl)amino]-4H-1,2,4-triazol-4-yl}-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3S)-1-(6-fluoropyridazin-3-yl)pyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3S)-1-pyrimidin-2-ylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

2-methoxyethyl 5-amino-1-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydro-1-benzothiophen-5-yl]imidazole-4-carboxylate;

2-morpholin-4-ylethyl 5-amino-1-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydro-1-benzothiophen-5-yl]imidazole-4-carboxylate;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(3-methylsulfanylanilino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(3-methylsulfonylanilino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(3-methylsulfinylanilino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[3-(methylsulfonimidoyl)anilino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[3-[(S)-methylsulfonimidoyl]anilino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[3-[(R)-methylsulfonimidoyl]anilino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(6-methylsulfinyl-2-pyridyl)amino]-1,2,4-triazol-4-yl]-2-(spiro[2.2]pentane-2-carbonylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(6-methylsulfonyl-2-pyridyl)amino]-1,2,4-triazol-4-yl]-2-[[(2S*)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(8-methoxy-4-oxo-5,10-dihydroimidazo[4,5-c][1,5]benzodiazepin-1-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-(8-methoxy-5-methyl-4-oxo-10H-imidazo[4,5-c][1,5]benzodiazepin-1-yl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[5-amino-4-[(2S)-2-methylpyrrolidine-1-carbonyl]imidazol-1-yl]-N-(cyclopropylmethyl)-2-[[(1R*,2R*)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or 1S,2S];

(5S)-5-[5-amino-4-[(3R)-3-hydroxypyrrolidine-1-carbonyl]imidazol-1-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[5-amino-4-[(2S)-2-methylpyrrolidine-1-carbonyl]imidazol-1-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

Ethyl 1-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenz othiophen-5-yl]-5-[(2,5-dimethyl-4-nitro-pyrazol-3-yl)amino]imidazole-4-carboxylate;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(2-methyl-3-methylsulfinyl-anilino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-(2-methyl-3-methylsulfonyl-anilino)-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-methyl-5-oxazol-2-yl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[(3S)-1-acetylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3S)-1-methylsulfonylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3R)-1-methylsulfonylpyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-methylcyclohexyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-oxopyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[(3R*)-5-oxopyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (*or S);

5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-oxo-4-piperidyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(1-acetyl-2-methyl-pyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-methyl-1-methylsulfonyl-pyrrolidin-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[3-(6-methyl-3-pyridyl)cyclobutyl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[3-(6-methyl-3-pyridyl)cyclobutyl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-[[(1R*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[trans-(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [*or S];

(5S)-2-[[(1R*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (* or S);

(5S)-2-[[(1R*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[trans-(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or S];

(5S)-2-[[(1S*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or R];

(5S)-2-[(2,2-difluorocyclopropanecarbonyl)amino]-N-[(2,2-difluorocyclopropyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-[[(1S*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or R];

(5S)-5-[3-[[(3S*)-1-benzoyl-4,4-difluoro-pyrrolidin-3-yl]amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or R];

(5S)-5-[3-[(1-acetyl-4-piperidyl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

Methyl (3S)-3-[[4-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]-1,2,4-triazol-3-yl]amino]pyrrolidine-1-carboxylate;

(3S)-3-[[4-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]-1,2,4-triazol-3-yl]amino]-N-ethyl-pyrrolidine-1-carboxamide ;

(5S)-2-cyclopropaneamido-N-(cyclopropylmethyl)-5-(3-{[2-(pyrimidin-2-yl)-2-azaspiro[4.4]nonan-7-yl]amino}-4H-1,2,4-triazol-4-yl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethoxy)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-[chloro(difluoro)methoxy]-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(cyclopropylmethyl)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[2-methyl-5-(trifluoromethoxy)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-[chloro(difluoro)methoxy]-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-cyclopropaneamido-N-(cyclopropylmethyl)-5-(3-{[1-methyl-3-(5-methyl-1,3,4-oxadiazol-2-yl)-1H-pyrazol-5-yl]amino}-4H-1,2,4-triazol-4-yl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-methoxy-3-methyl-pyrazin-2-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[(5-methylthiazolo[5,4-b]pyridin-2-yl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(5-cyano-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(6-cyano-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(1-methyl-2-oxo-4-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(6-chloro-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[2-methyl-6-(trifluoromethyl)-3-pyridyl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3-methylpyridazin-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(5-chloro-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2R)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3-methylisothiazol-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3-methylisoxazol-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(cyclopropylmethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(cyclopropylmethyl)-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(5-ethoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2R*)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or S];

(5S)-N-(cyclopropylmethyl)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

ethyl 5-amino-1-[(5S*)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylsulfamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]imidazole-4-carboxylate (* or R);

N-[(5S*)-3-(cyclopropylmethylsulfamoyl)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide (* or R);

N-[(5S*)-3-(cyclopropylmethylsulfamoyl)-5-[3-[(2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide (* or R);

(1R,2S)-N-[(5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[cis-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]-2-fluoro-cyclopropanecarboxamide;

(1R,2S)-N-[(5S)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[cis-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]-2-fluoro-cyclopropanecarboxamide;

(1S*)-N-[(5S)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[cis-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]-2,2-difluoro-cyclopropanecarboxamide [* or R] ;

(1S*)-N-[(5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[cis-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]-2,2-difluoro-cyclopropanecarboxamide [* or R];

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

N-[(5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[cis-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;

N-[(5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[trans-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydrobenzothiophen-2-yl]cyclopropanecarboxamide;

(1R,2S)-N-[(5S)-3-[(3,3-difluorocyclobutyl)sulfamoyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(1R,2S)-N-[(5S)-3-[(3,3-difluorocyclobutyl)sulfamoyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(1R*)-N-[(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[trans-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2,2-difluorocyclopropane-1-carboxamide (* or S);

(1R*)-N-[(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[trans-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2,2-difluorocyclopropane-1-carboxamide (* or S);

(5S)-N-(cyclopropylmethyl)-5-[3-[(3-methyl-1,2-thiazol-4-yl)amino]-1,2,4-triazol-4-yl]-2-(spiro[2.2]pentane-2-carbonylamino)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

N-[(5S)-3-[(3,3-difluorocyclobutyl)sulfamoyl]-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

N-[(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[cis-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

N-[(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[trans-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

N-[(5S)-3-[(3,3-difluorocyclobutyl)sulfamoyl]-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

(1R,2S)-N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(1R,2S)-N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(1R,2S)-N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

(1R,2S)-N-[(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[trans-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(1R,2S)-N-[(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3-[trans-(3-fluorocyclobutyl)sulfamoyl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2-fluorocyclopropane-1-carboxamide;

(1R*)-N-[(5S)-3-[(3,3-difluorocyclobutyl)sulfamoyl]-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]-2,2-difluorocyclopropane-1-carboxamide (* or S);

N-[(5S)-3-(cyclopropylmethylsulfamoyl)-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]cyclopropanecarboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[(2,2-difluorocyclopropanecarbonyl)amino]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[[(1R*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (* or S);

(5S)-N-(cyclopropylmethyl)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[cis-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1RS,2RS)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[[(1RS,2RS)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

N-[(5S)-3-(cyclopropylmethylcarbamoyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophen-2-yl]oxetane-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-(3,3-difluoropropanoylamino)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclobutanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-(2-methylpropanoylamino)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1RS,2RS)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[(2,2-difluorocyclopropanecarbonyl)amino]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide

(5S)-N-(cyclopropylmethyl)-2-[[(1R*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (* or S);

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1RS,2SR)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2R)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide ;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[(2-methylcyclopropanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide ;

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R*,2R*)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (* or S);

(5S)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R*,2S*)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (*1R,2S or 1S,2R);

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R*)-2,2-dimethylcyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (* or S);

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1S)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-N-[(2R*)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (* or S);

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[cis-(3-fluorocyclobutyl)methyl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[trans-(3-fluorocyclobutyl)methyl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[(2,2-difluorocyclopropyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[[(1S)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(spiro[2.2]pentan-2-ylmethyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(2R)-spiro[2.2]pentan-2-yl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(2S)-spiro[2.2]pentan-2-yl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(3,3-difluorocyclobutyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(cis-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[(3,3-difluorocyclobutyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1RS,2RS)-2-methylcyclopropyl]methyl]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (cis);

(5S)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1RS,2SR)-2-methylcyclopropyl]methyl]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide (trans);

5S)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[(2R)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

5S)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[(2,2-difluorocyclopropyl)methyl]-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1S)-2,2-difluorocyclopropyl]methyl]-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[trans-(3-fluorocyclobutyl)methyl]-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[[(1S,2S)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(trans-3-fluorocyclobutyl)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-(trideuteriomethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(Difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[trans-(3-fluorocyclobutyl)methyl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(Difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(3,3-Difluorocyclobutyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[(3,3-Difluorocyclobutyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[(2,2-Difluorocyclopropyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1S)-2,2-Difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(Difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-N-spiro[2.2]pentan-2-yl-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(Difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(Difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-N-[(2S)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-N-[(2R)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(Cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

Ethyl (5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-(spiro[2.2]pentane-2-carbonylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxylate;

Ethyl (5S)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxylate;

(5S)-5-[3-[(5-Cyano-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2,2-difluoro-1,3-benzodioxol-5-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(Difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-2-[[(2S)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(4RS,5RS)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4-methyl-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(4R*,5R*)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4-methyl-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[6-(difluoromethyl)-3-pyridyl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(6-fluoro-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(cyclopropoxy)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(cyclopropylmethyl)-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(2,2,2-trifluoroethoxy)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[6-(trifluoromethyl)-3-pyridyl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(6-methoxy-3-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-methoxy-4-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(6-chloro-3-pyridyl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(2-chloro-4-pyridyl)amino]-1,2,4-triazol-4-yl]-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(6-methoxy-2-methyl-3-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2-fluoro-3-pyridyl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(3-methyltriazol-4-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[trans-(3-fluorocyclobutyl)methyl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(3,3-difluorocyclobutyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[(3,3-difluorocyclobutyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[(2,2-difluorocyclopropyl)methyl]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[cis-(3-fluorocyclobutyl)methyl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(spiro[2.2]pentan-2-ylmethyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclobutylmethyl)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[(3,3-difluorocyclobutyl)methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(cis-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(3-methylcyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(3,3-difluorocyclobutyl)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[(2,2-difluorocyclobutyl)methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-spiro[2.2]pentan-2-yl-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[(2-methylcyclopropyl)methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1RS,2RS)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(2R*)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (* or S);

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[trans-(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[(2-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[(2,2-difluorocyclopropyl)methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide; &

(5S)-2-(cyclopropanecarbonylamino)-N-[[(1S)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-5-[3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-[[(1S)-2,2-difluorocyclopropyl]methyl]-5-[3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-5-[3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-N-[(2R*)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or S];

(5S)-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[trans-(3-fluorocyclobutyl)methyl]-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(5-methoxy-2-methylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1S,2S)-2-methylcyclopropanecarbonyl]amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[(2R)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[(2S)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1R*)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide [* or S];

(5S)-N-(cyclobutylmethyl)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide ;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[trans-(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[cis-(3-fluorocyclobutanecarbonyl)amino]-N-[trans-(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[cis-(3-fluorocyclobutanecarbonyl)amino]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethyl)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[[(1R,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[(2R)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[(2S)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-[trans-(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1R)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-N-[[(1S)-2,2-difluorocyclopropyl]methyl]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-2-[trans-(3-fluorocyclobutanecarbonyl)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1S,2S)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(3,3-difluorocyclobutanecarbonyl)amino]-5-[3-[[5-(difluoromethoxy)-2-methylpyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-[(2,2-difluorocyclopropanecarbonyl)amino]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-(trans-3-fluorocyclobutyl)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-cyclopropaneamido-5-(3-{[3-(difluoromethyl)-1-methyl-1H-pyrazol-5-yl]amino}-4H-1,2,4-triazol-4-yl)-N-{spiro[2.2]pentan-1-yl}-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[(2S)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[(2R)-spiro[2.2]pentan-2-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[(3-fluorocyclobutyl)methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-[[(1R*)-2,2-difluorocyclopropanecarbonyl]amino]-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-N-[[(1R,2R)-2-fluorocyclopropyl]methyl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (* or S);

(5S)-N-(cyclopropylmethyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-(spiro[2.2]pentane-2-carbonylamino)-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(2S*)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (* or R);

(3R*)-6-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-3-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-3,4-dihydro-2H-thieno[2,3-b]pyran-5-carboxamide (* or S).

13. A compound according to claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is selected amongst:

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(2,5-dimethylpyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

Ethyl 5-amino-1-[(5S)-2-(cyclopropanecarbonylamino)-3-(cyclopropylmethylcarbamoyl)-4,5,6,7-tetrahydrobenzothiophen-5-yl]imidazole-4-carboxylate;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-cyclopropyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-isopropyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[(5-ethyl-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-2-(Cyclopropanecarbonylamino)-N-(cyclopropylmethyl)-5-[3-[[5-(difluoromethyl)-2-methyl-pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-5-[3-[(5-ethoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(1R,2S)-2-fluorocyclopropanecarbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

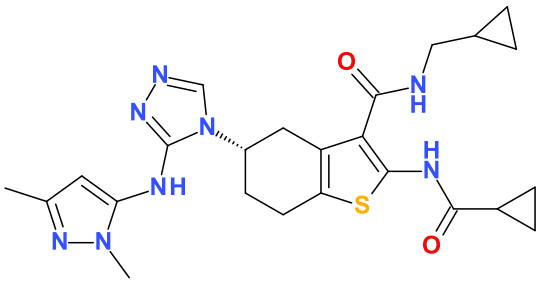
(5S)-N-(cyclopropylmethyl)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

(5S)-N-(cyclopropylmethyl)-2-[[(1R,2R)-2-fluorocyclopropanecarbonyl]amino]-5-[3-[[2-methyl-5-(trifluoromethyl)pyrazol-3-yl]amino]-1,2,4-triazol-4-yl]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide;

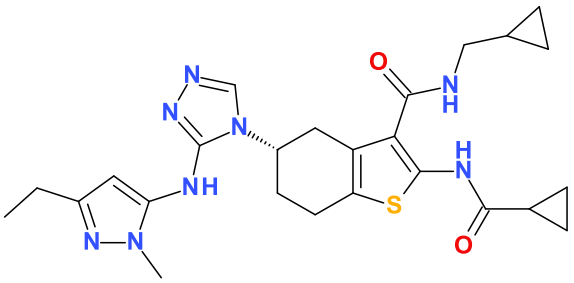
(5S)-N-(cyclopropylmethyl)-5-[3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(2R*)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (* or S);

(5S)-N-(cyclopropylmethyl)-5-[3-[(5-methoxy-2-methyl-pyrazol-3-yl)amino]-1,2,4-triazol-4-yl]-2-[[(2R*)-spiro[2.2]pentane-2-carbonyl]amino]-4,5,6,7-tetrahydrobenzothiophene-3-carboxamide (* or S).

14. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein the compound is characterized by formula (XXV) or (XXVI)

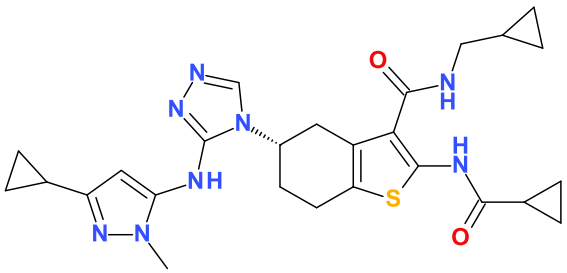


(XXV)

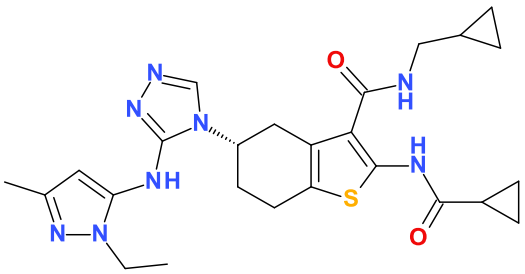


(XXVI).

15. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein the compound is characterized by formula (XXVII) or (XXVIII)

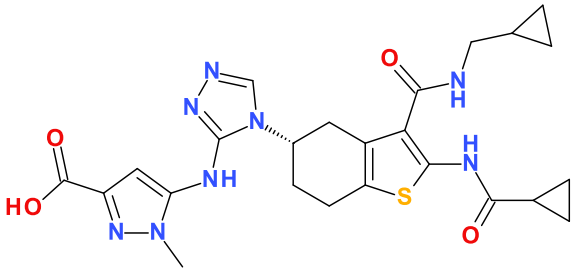


(XXVII)

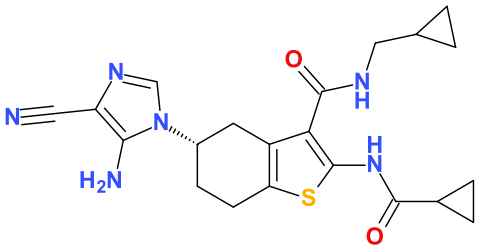


(XXVIII).

16. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein the compound is characterized by formula (XXIX) or (XXX)

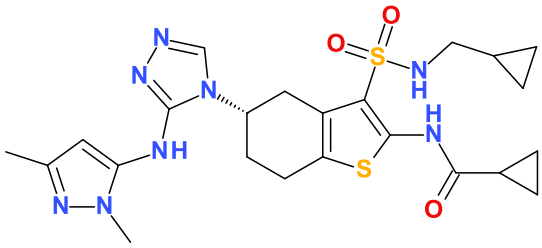


(XXIX)

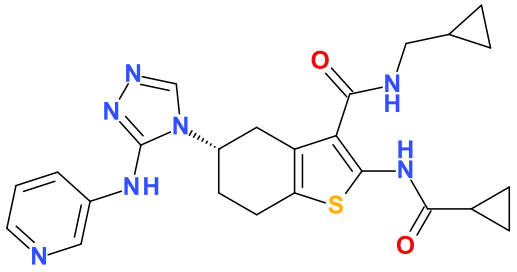


(XXX).

17. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein the compound is characterized by formula (XXXI) or (XXXII)

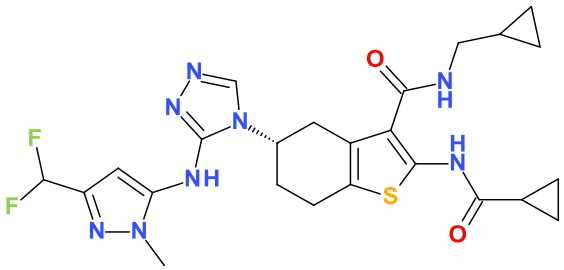


(XXXI)

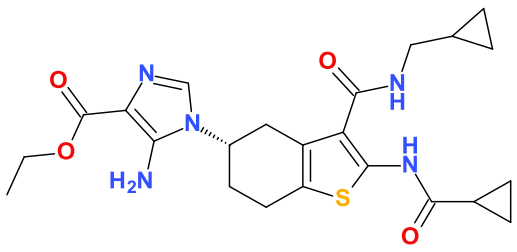


(XXXII).

18. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein the compound is characterized by formula (XXXII) or (XXXIV)

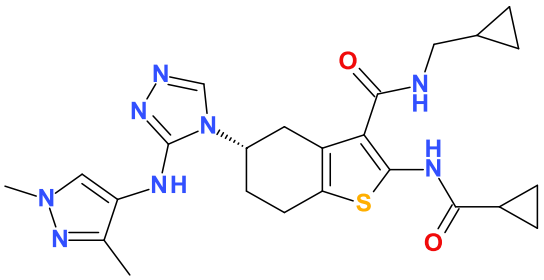


(XXXII)

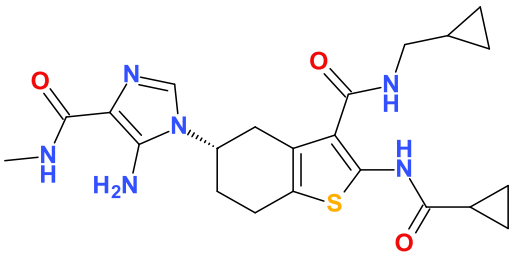


(XXXIV).

19. A compound according to claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein the compound is characterized by formula (XXXV) or (XXXVI)



(XXXV)



(XXXVI).

20. A pharmaceutical composition comprising a compound according to any one of claims 1 to 19 or a pharmaceutically acceptable salt thereof.

21. A compound according to any one of claims 1 to 19 or a pharmaceutically acceptable salt thereof for use in a method for the treatment or prevention of disorders caused by IgE.

22. A compound according to any one of claims 1 to 19 or a pharmaceutically acceptable salt thereof for use in a method for the treatment or prevention of allergy, non-allergic mast cell responses, type 1 hypersensitivity, urticaria, or familiar sinus inflammation.

23. A compound according to any one of claims 1 to 19 or a pharmaceutically acceptable salt thereof for use in a method for the treatment or prevention of airway constriction in asthma, local inflammation in eczema, increased mucus secretion in allergic rhinitis, urticaria, or increased vascular permeability.

24. A compound according to any one of claims 1 to 19 or a pharmaceutically acceptable salt thereof for use in a method for the treatment or prevention of eosinophilic granulomatosis with polyangiitis (also known as “Churg Strauss syndrome”), aspirin exacerbated respiratory disease, or cutaneous T-cell lymphoma.

25. A compound according to any one of claims 1 to 19 or a pharmaceutically acceptable salt thereof for use in the treatment or prevention of allergy, non-allergic mast cell responses, type 1 hypersensitivity , urticaria, familiar sinus inflammation, eosinophilic granulomatosis with polyangiitis (also known as “Churg Strauss syndrome”), aspirin exacerbated respiratory disease, or cutaneous T-cell lymphoma.