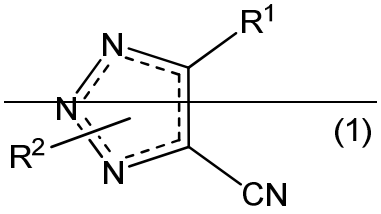
CLAIMS

~~1. A cyanotriazole compound represented by the formula (1):~~



~~wherein~~

~~R^1 is a phenyl group, a thiazolyl group, a thienyl group, a pyridyl group or a quinolyl group, each of which is substituted (provided that the phenyl group is substituted with a lower alkyl group, a lower alkoxy group, a lower alkylthio group, a halogen atom, a phenoxy group or a carboxy group, then the the phenyl group is substituted with additional one or more substituents); or~~

~~an oxazolyl group, a furyl group, a pyrrolyl group, a piperidyl group, an indolyl group, a benzofuryl group, a benzothienyl group, a phenyl lower alkyl group, a pyrimidinyl group, a 2,3-dihydroindolyl group, an imidazolyl group, a benzothiazolyl group, an isoxazolyl group, a 2,3-dihydrobenzofuryl group, an isothiazolyl group, a dibenzofuryl group, a benzo[1,3]dioxolyl group, a carbazolyl group, a naphthyl group, a 2-oxo-1,2,3,4-tetrahydroquinolyl group, a 6-oxo-1,6-dihydropyrimidinyl group, an imidazo[1,2-a]pyridyl group, an oxadiazolyl group, a thiadiazolyl group, a benzoxazolyl group, a styryl group, a benzoyl group, a cycloalkyl group, a higher alkyl group, a 2-oxo-1,2-dihydroquinolyl group, a benzimidazolyl group, a 2,3-dihydro[1,4]benzodioxinyl group, a fluorenyl group, a bicyclo[2,2,1]hept-2-enyl group, a thieno[3,2-b]pyridyl~~

~~group, an imidazo[1,2-a]benzimidazolyl group, a 3,4-dihydro-2H-[1,4]benzoxazinyl group, a 3,4-dihydro-2H-benzo[b][1,4]dioxepinyl group or an amino group, each of which is optionally substituted; and~~

~~R^2 is~~

~~(1) a hydrogen atom,~~

~~(2) a lower alkyl group optionally substituted with one or more substituents excluding an oxo group, or~~

~~(3) a heterocyclyl group optionally substituted with one or more substituents;~~

~~provided that~~

~~5-(4-styrylphenyl)-1,2,3-triazole-4-carbonitrile;~~

~~5-[4-(4-methylstyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~5-[4-(4-methoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~5-[4-(3,4,5-trimethoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~5-[4-(4-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~5-[4-(3-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~methyl 4-[4-(4-cyano-1,2,3-triazol-5-yl)styryl]benzoate;~~

~~5-[4-(4-cyanostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[4-(*N*,*N*-dimethylamino)styryl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(biphenyl-4-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[4-(2-oxo-2*H*-chromen-3-yl)styryl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[4-(benzo[d]oxazol-2-yl)styryl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(2-methoxynaphthalen-1-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(4-methoxynaphthalen-1-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(pyridin-4-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(thiophen-2-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(benzofuran-2-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~5-[4-(4-formylstyryl)phenyl]-1,2,3-triazole-4-carbonitrile;~~

~~5-{4-[2-(4'-formylbiphenyl-4-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;~~

~~4-(2,3-dimethoxyphenyl)-5-cyano-1,2,3-triazole;~~

~~4-(3,4-dimethoxyphenyl)-5-cyano-1,2,3-triazole;~~

~~4-(3,4,5-trimethoxyphenyl)-5-cyano-1,2,3-triazole;~~

~~4-(3-fluoro-4-phenoxyphenyl)-5-cyano-1,2,3-triazole;~~

~~4-(4-fluoro-3-phenoxyphenyl)-5-cyano-1,2,3-triazole;~~

~~4-(4-fluoro-3-methoxyphenyl)-1,2,3-triazole-5-carbonitrile;~~

~~(5-(5-cyano-1,2,3-triazol-4-yl)furan-2-yl)methyl acetate;~~

~~2-[4-(4' benzoxazole-2-yl-stilbene-4-yl)-5-cyano-1,2,3-triazole-N-yl]acetic acid methyl ester;~~

~~4-(4-(4-(1H-benzo[d]imidazol-2-yl)styryl)phenyl)-N-trityl-1,2,3-triazole-5-carbonitrile;~~

~~2-(4-(4-(4-(1H-benzo[d]imidazol-2-yl)styryl)phenyl)-5-cyano-1,2,3-triazol-N-yl)acetamide;~~

~~2-(4-(4-(4-(1H-benzo[d]imidazol-2-yl)styryl)phenyl)-5-cyano-1,2,3-triazol-N-yl)acetic acid;~~

~~4-(4-(4-(1H-benzo[d]imidazol-2-yl)styryl)phenyl)-N-(2-oxo-2-phenylethyl)-1,2,3-triazole-5-carbonitrile; and~~

~~4-(4' benzoxazole-2-yl-stilbene-4-yl)-5-cyano-N-acetamide-1,2,3-triazole;~~

~~are excluded,~~

~~or a salt thereof.~~

~~2. The compound or salt according to claim 1, wherein R^1 is a group represented by formula:~~

~~-A-L1-B~~

~~wherein~~

~~A is a divalent group selected from (A1) to (A45):~~

~~(A1) a phenylene group,~~

~~(A2) a thiazolediyl group,~~

~~(A3) an oxazolediyl group,~~

~~(A4) a thiophenediyl group,~~

~~(A5) a furandiyl group,~~

~~(A6) a pyrrolediyl group,~~

~~(A7) a pyridinediyl group,~~

~~(A8) a piperidinediyl group,~~

~~(A9) an indolediyl group,~~

~~(A10) a benzofurandiyl group,~~

~~(A11) a benzothiophenediyl group,~~

~~(A12) -lower alkylene-phenylene-,~~

~~(A13) a pyrimidinediyl group,~~

~~(A14) a quinolinediyl group,~~

~~(A15) a 2,3-dihydroindolediyl group,~~

~~(A16) an imidazolediyl group,~~

~~(A17) a benzothiazolediyl group,~~

~~(A18) an isoxazolediyl group,~~

~~(A19) a 2,3-dihydrobenzofurandiyl group,~~

~~(A20) an isothiazolediyl group,~~

~~(A21) a dibenzofurandiyl group,~~

~~(A22) a benzo[1,3]dioxolediyl group,~~

~~(A23) a carbazolediyl group,~~

~~(A24) a naphthalenediyl group,~~

~~(A25) a 2-oxo-1,2,3,4-tetrahydroquinolinediyl group,~~

~~(A26) a 6-oxo-1,6-dihydropyrimidinediyl group,~~

~~(A27) an imidazo[1,2-a]pyridinediyl group,~~

~~(A28) a [1,3,4]oxadiazolediyl group,~~

~~(A29) a [1,2,4]thiadiazolediyl group,~~

~~(A30) a benzoxazolediyl group,~~

~~(A31) a [1,3,4]thiadiazolediyl group,~~

~~(A32) a styrenediyl group,~~

~~(A33) -CO-phenylene-,~~

~~(A34) a cycloalkanediyl group,~~

~~(A35) a higher alkylene group,~~

~~(A36) a 2-oxo-1,2-dihydroquinolinediyl group,~~

~~(A37) a benzimidazolediyl group,~~

~~(A38) a 2,3-dihydro[1,4]benzodioxinediyl group,~~

~~(A39) a fluorenediyl group,~~

~~(A40) a bicyclo[2,2,1]hept-2-enediyl group,~~

~~(A41) a thieno[3,2-b]pyridinediyl group,~~

~~(A42) an imidazo[1,2-a]benzimidazolediyl group,~~

~~(A43) a 3,4-dihydro-2H-[1,4]benzoxazinediyl group,~~

~~(A44) a 3,4-dihydro-2H-benzo[b][1,4]dioxepinediyl group,~~

~~and~~

~~(A45) -NH-,~~

~~each of (A1) to (A45) is optionally substituted with one or more members selected from the group consisting of~~

~~a halogen atom;~~

~~a lower alkyl group optionally substituted with one or more halogen atoms;~~

~~a lower alkenyl group;~~

~~a hydroxy group;~~

~~a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a lower alkenyloxy group;~~

~~a lower alkynyloxy group;~~

~~a cyano group;~~

~~an amino group optionally mono- or di-substituted with members selected from the group consisting of a lower alkyl group, a lower alkyl-carbonyl group, a lower alkoxy-carbonyl group, and a lower alkylsulfonyl group;~~

~~a N,N-di-lower alkylamino lower alkyl group;~~

~~a N,N-di-lower alkylamino lower alkoxy group;~~

~~a cycloalkyl group optionally substituted with one or more halogen atoms;~~

~~a cycloalkoxy group optionally substituted with one or more halogen atoms;~~

~~a cycloalkyl lower alkyl group optionally substituted with one or more halogen atoms;~~

~~a cycloalkyl lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a lower alkoxy lower alkyl group optionally substituted with one or more halogen atoms;~~

~~a lower alkoxy lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a lower alkylthio group;~~

~~a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenoxy group optionally substituted with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one~~

~~or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenoxy lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and~~

~~a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a thienyl group;~~

~~an oxetanyl lower alkoxy group optionally substituted with one or more lower alkyl groups;~~

~~a furyl group;~~

~~a piperidyl group;~~

~~a pyrrolidinyl group; and~~

~~a morpholinyl group;~~

~~L1 is~~

~~a bond,~~

~~lower alkylene, lower alkenylene,~~

~~-O-, -O-lower alkylene, lower alkylene-O-, -O-lower alkenylene, lower alkenylene-O-,~~

~~-O-lower alkylene-CO-, -CO-lower alkylene-O-,~~

~~-O-lower alkylene-O-, -O-lower alkenylene-O-, lower alkylene-O-lower alkylene, lower alkylene-C(OH)-lower alkylene,~~

~~-CO-, -CO-lower alkylene, lower alkylene-CO-,~~

~~-NH-, -NH-lower alkylene, lower alkylene-NH-, -N(phenyl)-, -N(lower alkyl)-, -N(lower alkyl)-lower alkylene, lower alkylene-N(lower alkyl)-,~~

~~-CONH-, -CONH-lower alkylene, lower alkylene-CONH-, -CO-N(lower alkyl)-, -CO-N(lower alkyl)-lower alkylene, lower alkylene-CO-N(lower alkyl)-,~~

~~-NHCO-, -N(lower alkyl)-CO-, -NHCO-lower alkylene, lower alkylene-NHCO-, -N(lower alkyl)-CO-lower alkylene, lower alkylene -N(lower alkyl)-CO-,~~

~~-CO_2-, -CO_2-lower alkylene, lower alkylene-CO_2-,~~

~~-OCO-, -OCO-lower alkylene, lower alkylene-OCO-,~~

-NHCO$_2$-lower alkylene, lower alkylene-NHCO$_2$-, -N(lower alkyl)-CO$_2$-lower alkylene, lower alkylene-N(lower alkyl)-CO$_2$-,

-OCONH-lower alkylene, lower alkylene-OCONH-, -OCO-N(lower alkyl)-lower alkylene, lower alkylene-OCO-N(lower alkyl)-, -S-, lower alkylene-S-, -S-lower alkylene, lower alkylene-S-lower alkylene,

-SO$_2$-, lower alkylene-SO$_2$-, -SO$_2$-lower alkylene, lower alkylene-SO$_2$-lower alkylene,

-NHSO$_2$-lower alkylene, lower alkylene-NHSO$_2$-, -N(lower alkyl)-SO$_2$-lower alkylene, lower alkylene-N(lower alkyl)-SO$_2$-,

-SO$_2$NH-lower alkylene, lower alkylene-SO$_2$NH-, -SO$_2$-N(lower alkyl)-lower alkylene, or lower alkylene-SO$_2$-N(lower alkyl)-; and

B is a group or an atom selected from (B1) to (B65):

(B1) a phenyl group,

(B2) a naphthyl group,

(B3) a tetrahydronaphthyl group,

(B4) an imidazolyl group,

(B5) a [1,2,3]triazolyl group,

(B6) a thiazolyl group,

(B7) a pyrazolyl group,

(B8) a thienyl group,

(B9) a furyl group,

(B10) a tetrahydrofuryl group,

(B11) a pyrrolyl group,

(B12) a pyridyl group,

(B13) an imidazo[1,2-a]pyridyl group,

(B14) a pyrimidinyl group,

(B15) a pyridazyl group,

~~(B16) a pyrazyl group,~~

~~(B17) a pyrrolo[2,3-b]pyridyl group,~~

~~(B18) a pyrazolo[3,4-b]pyridyl group,~~

~~(B19) a piperidyl group,~~

~~(B20) a piperazinyl group,~~

~~(B21) a morpholinyl group,~~

~~(B22) a pyrrolidinyl group,~~

~~(B23) a quinolyl group,~~

~~(B24) an isoquinolyl group,~~

~~(B25) a 1,2,3,4-tetrahydroquinolyl group,~~

~~(B26) a 1,2,3,4-tetrahydroisoquinolyl group,~~

~~(B27) a 2-oxo-1,2,3,4-tetrahydroquinolyl group,~~

~~(B28) an indolyl group,~~

~~(B29) a 2,3-dihydroindolyl group,~~

~~(B30) an indanyl group,~~

~~(B31) a benzofuryl group,~~

~~(B32) a 2,3-dihydrobenzofuryl group,~~

~~(B33) a benzothienyl group,~~

~~(B34) a benzothiazolyl group,~~

~~(B35) a benzo[1,3]dioxolyl group,~~

~~(B36) a cycloalkyl group,~~

~~(B37) a cycloalkenyl group,~~

~~(B38) a tetrahydropyranyl group,~~

~~(B39) an oxetanyl group,~~

~~(B40) an oxiranyl group,~~

~~(B41) a 2,3-dihydro[1,4]benzodioxinyl group,~~

~~(B42) a 3,4-dihydro-2H-benzo[1,4]oxazinyl group,~~

~~(B43) a dibenzofuryl group,~~

~~(B44) a 4H-benzo[1,3]dioxinyl group,~~

~~(B45) a 1,2,4-oxadiazolyl group,~~

~~(B46) a 1,3,4-oxadiazolyl group,~~

~~(B47) an indazolyl group,~~

~~(B48) an isoxazolyl group,~~

~~(B49) a benzoisoxazolyl group,~~

~~(B50) a 2-oxo-1,2-dihydro-1H-benzimidazolyl group,~~

~~(B51) a 2-oxo-2,3-dihydro-3H-benzothiazolyl group,~~

~~(B52) a 2,3,4,5-tetrahydrobenzo[1,4]oxazepinyl group,~~

~~(B53) an isoindolinyl group,~~

~~(B54) a 2,4-dihydro-1H-benzo[1,3]oxazinyl group,~~

~~(B55) a 1,2,3,4-tetrahydrobenzo[1,4]oxazepinyl group,~~

~~(B56) a 2,3,4,5-tetrahydro-1H-benzoazepinyl group,~~

~~(B57) a tetrazolyl group,~~

~~(B58) a 2-oxo-1,2-dihydroquinolyl group,~~

~~(B59) a 3,4-dihydro-2H-benzodioxepinyl group,~~

~~(B60) a 3,6-dihydropyranyl group,~~

~~(B61) a 2-oxo-benzoxazolyl group,~~

~~(B62) an oxazolyl group,~~

~~(B63) a benzoxazolyl group,~~

~~(B64) a triphenylphosphonium group, and~~

~~(B65) a hydrogen atom,~~

~~each of (B1) to (B64) is optionally substituted on the ring(s) with one or more members selected from the group consisting of~~

~~a halogen atom;~~

~~an oxo group;~~

~~a lower alkyl group optionally substituted with one or more members selected from the group consisting of a halogen atom, and a hydroxy group;~~

~~a higher alkyl group;~~

~~a hydroxy group;~~

~~a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a cyano group;~~

~~a nitro group;~~

~~an amino group optionally mono- or di-substituted with lower alkyl groups;~~

~~a lower alkylsulfonylamino group;~~

~~a N,N-di-lower alkylamino-carbonyl group;~~

~~a N,N-di-lower alkylamino lower alkoxy group;~~

~~an acetylamino lower alkyl group;~~

~~a formyl group;~~

~~a lower alkyl-carbonyl group;~~

~~a lower alkylsulfonyl group;~~

~~a lower alkoxy-carbonyl group optionally substituted with one or more halogen atoms;~~

~~a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, a lower alkoxy group optionally substituted with one or more halogen atoms, and a phenoxy group;~~

~~a phenoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a phenoxy lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms;~~

~~a benzoyl group;~~

~~a lower alkylthio group optionally substituted with one or more halogen atoms;~~

~~a morpholinyl group;~~

~~a piperazinyl group optionally substituted with one or more lower alkyl groups;~~

~~a thienyl group;~~

~~a pyrrolyl group;~~

~~a pyrimidinyl group;~~

~~a pyrazolyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms;~~

~~a thiazolyl group optionally substituted with one or more lower alkyl groups;~~

~~a tetrahydropyranyloxy group;~~

~~a furyl group;~~

~~a pyrazinyl group optionally substituted with one or more lower alkyl groups;~~

~~a [1,2,4]oxadiazolyl group optionally substituted with one or more lower alkyl groups;~~

~~a [1,3,4]oxadiazolyl group optionally substituted with one or more lower alkyl groups;~~

~~a pyrrolidinyl group;~~

~~a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms;~~

~~an isoxazolyl group;~~

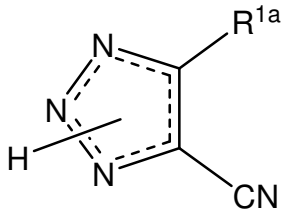
~~an imidazolyl group;~~

~~a cycloalkyl group;~~

~~a 2-oxo-pyrrolidinyl group; and~~

~~a [1,2,3]triazolyl group optionally substituted with one or more cyano groups.~~

1~~3~~. A cyanotriazole compound represented by the formula (1aa):



(1aa)

wherein

R^{1a} is one of the following (1-1) to (1-13~~34~~):

(1-1) a phenyl group substituted with one or more members selected from the group consisting of the following (1-1-1) to (1-1-36~~108~~):

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-3) a lower alkoxy lower alkyl group~~ optionally substituted with one or more members selected from the group consisting of a halogen atoms; and a cycloalkyl group~~,

(1-1-4) a cycloalkyl group,

(1-1-5) a cycloalkoxy group~~ optionally substituted with one or more halogen atoms~~,

(1-1-6) a cycloalkyl lower alkyl group,

(1-1-7) a cycloalkyl lower alkoxy group~~ optionally substituted on the cycloalkyl group with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a phenyl group optionally substituted with one or more halogen atoms~~,

(1-1-8) a cycloalkyl lower alkoxy lower alkyl group ~~optionally substituted on the cycloalkyl group with one~~

~~or more members selected from the group consisting of a hydroxy; and a lower alkoxy group~~,

(1-1-9) a halogen atom,

(1-1-10) a cyano group,

(1-1-11) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; a lower alkoxy group optionally substituted with one or more halogen atoms~~; a lower alkoxy-carbonyl group; a lower alkylsulfonyl group; a phenyl group; a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom and a lower alkyl group optionally substituted with one or more halogen atoms; a phenoxy group; and a cyano group~~,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms~~; a lower alkoxy group optionally substituted with one or more halogen atoms; and a hydroxy group~~,

(1-1-13) a styryl group~~ optionally~~ substituted on the phenyl ring with one or more ~~members selected from the group consisting of a lower alkoxy group optionally substituted with one or more halogen atoms; a~~ lower alkyl groups~~ optionally~~ substituted with one or more halogen atoms~~; a cyano group; a halogen atom; and a 5-cyano-1H-1,2,3-triazol-4-yl group~~,

(1-1-14) a phenoxy group optionally substituted with one or more ~~members selected from the group consisting of a~~

~~halogen atom; a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms~~; and a lower alkoxy group~~,

(1-1-15) a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of ~~a halogen atom; a~~ lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkoxy group~~ optionally substituted with one or more halogen atoms~~; <u>and</u> a lower alkyl group optionally substituted with one or more halogen atoms~~; and a cyano group~~,

(1-1-17) a phenylthio group optionally substituted with one or more ~~members selected from the group consisting of a~~ halogen atoms~~; and a lower alkyl group~~,

(1-1-18) a benzylthio lower alkyl group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a~~ lower alkoxy group<u>s</u> optionally substituted with one or more halogen atoms~~; and a lower alkyl group optionally substituted with one or more halogen atoms~~,

(1-1-19) an N-lower alkyl-N-phenyl amino lower alkyl group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a~~ halogen atoms~~; and a lower alkyl group optionally substituted with one or more halogen atoms~~,

(1-1-20) an N-benzyl-N-lower alkyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more ~~members selected from the group consisting of a halogen atom; a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms~~; and a cyano group~~,

(1-1-22) a pyridyl lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more ~~members selected from the group consisting of a halogen atom; a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms~~; and a lower alkoxy group~~,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-27) a piperidyl group optionally substituted with one or more ~~members selected from the group consisting~~

~~of a halogen atom; a~~ lower alkyl groups optionally substituted with one or more halogen atoms~~; and a phenyl group~~,

(1-1-28) a benzoxazolyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-29) a benzofuryl group~~ optionally substituted with one or more halogen atoms~~,

(1-1-30) a benzofuryl lower alkoxy group~~ optionally substituted on the benzofuran ring with one or more phenyl groups optionally substituted with one or more halogen atoms~~,

(1-1-31) a thienyl group~~ optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; a lower alkyl-carbonyl group; and a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom, and a lower alkyl group optionally substituted with one or more halogen atoms~~,

(1-1-32) a benzothienyl group~~ optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms~~,

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,

(1-1-34) an indolinyl lower alkyl group,

(1-1-35) a benzothienylvinyl group, and

(1-1-36) a benzo[1,3]dioxolylvinyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms,

~~(1-1-37) a lower alkoxy lower alkoxy group,~~

~~(1-1-38) a cycloalkoxy lower alkyl group optionally substituted on the cycloalkyl group with one or more lower alkyl groups,~~

~~(1-1-39) a cycloalkyl lower alkenyl group,~~

~~(1-1-40) a cycloalkenyloxy group,~~

~~(1-1-41) a cycloalkenylvinyl group,~~

~~(1-1-42) an oxiranyl group optionally substituted with one or more phenyl groups optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-43) an oxetanyl lower alkoxy group optionally substituted on the oxetane ring with one or more lower alkyl groups,~~

~~(1-1-44) a tetrahydropyranyl lower alkoxy group,~~

~~(1-1-45) a hydroxy group,~~

~~(1-1-46) a phenyl lower alkoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkoxy group optionally substituted with one or more halogen atoms; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkylthio group optionally substituted with one or more halogen atoms,~~

~~(1-1-47) a phenyl lower alkenyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-48) a benzoyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-49) a phenylthio lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atoms; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-50) a phenylsulfonyl group optionally substituted with one or more lower alkyl groups,~~

~~(1-1-51) a phenylsulfonyl lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,~~

~~(1-1-52) a naphthyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-53) a naphthylvinyl group optionally substituted on the naphthyl ring with one or more halogen atoms,~~

~~(1-1-54) a tetrahydronaphthyloxy group,~~

~~(1-1-55) an indanyloxy group,~~

~~(1-1-56) an amino group optionally mono- or di-substituted with members selected from the group consisting of a lower alkyl group; a lower alkyl-carbonyl group; a lower alkoxy-carbonyl group; and a lower alkylsulfonyl group;~~

~~(1-1-57) an N-lower alkyl-N-phenyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-58) an aminocarbonyl group optionally substituted with one or more members selected from the group consisting of a lower alkyl group; a cycloalkyl group; a~~

~~cycloalkyl lower alkyl group; and a phenyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-59) a pyridyl lower alkoxy group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-60) a pyridyloxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-61) a pyrrolo[2,3-b]pyridyl group optionally substituted with one or more lower alkyl groups,~~

~~(1-1-62) a pyrazolo[3,4-b]pyridyl group optionally substituted with one or more lower alkyl groups,~~

~~(1-1-63) an imidazo[1,2-a]pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-64) a pyrimidinyl lower alkyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-65) a pyrimidinyl lower alkoxy group optionally substituted on the pyrimidine ring with one or more members selected from the group consisting of a lower alkoxy group; a lower alkyl group optionally substituted with one or more halogen atoms; and a phenyl group,~~

~~(1-1-66) a pyrimidinyloxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-67) a pyrimidinyloxy lower alkyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-68) a pyrazinyl group optionally substituted with one or more lower alkyl groups,~~

~~(1-1-69) a pyridazinyl group optionally substituted with one or more members selected from the group consisting of a lower alkyl group; and a lower alkoxy group,~~

~~(1-1-70) a piperidyl lower alkyl group,~~

~~(1-1-71) a piperidylcarbonyl group,~~

~~(1-1-72) a piperazinyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-73) an imidazolyl group,~~

~~(1-1-74) a pyrazolyl group optionally substituted with one or more lower alkyl groups,~~

~~(1-1-75) a pyrrolyl lower alkyl group,~~

~~(1-1-76) a thiazolyl group,~~

~~(1-1-77) a thiazolyl lower alkoxy group optionally substituted on the thiazole ring with one or more lower alkyl groups,~~

~~(1-1-78) a benzothiazolyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-79) a furyl group,~~

~~(1-1-80) a furylvinyl group optionally substituted on the furan ring with one or more lower alkyl groups,~~

~~(1-1-81) a benzofurylvinyl group,~~

~~(1-1-82) a 2,3-dihydrobenzofuryl group,~~

~~(1-1-83) a thienyl lower alkoxy group,~~

~~(1-1-84) a thienylvinyl group optionally substituted on the thiophene ring with one or more halogen atoms,~~

~~(1-1-85) a benzothienyl lower alkyl group optionally substituted on the benzothiophene ring with one or more halogen atoms,~~

~~(1-1-86) a benzothienyl lower alkoxy group optionally substituted on the benzothiophene ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-87) a benzo[1,3]dioxolyl lower alkyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms,~~

~~(1-1-88) a benzo[1,3]dioxolyl lower alkoxy group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms,~~

~~(1-1-89) a 4H-benzo[1,3]dioxinyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-90) a 4H-benzo[1,3]dioxinylvinyl group optionally substituted on the benzo[1,3]dioxine ring with one or more halogen atoms,~~

~~(1-1-91) a quinolyl group,~~

~~(1-1-92) a quinolyl lower alkoxy group,~~

~~(1-1-93) a quinolylvinyl group,~~

~~(1-1-94) a 3,4-dihydro-2H-quinolyl group,~~

~~(1-1-95) a 3,4-dihydro-2H-quinolyl lower alkyl group,~~

~~(1-1-96) a 2-oxo-1,2,3,4-tetrahydroquinolyl group,~~

~~(1-1-97) a 2-oxo-1,2,3,4-tetrahydroquinolyl lower alkoxy group,~~

~~(1-1-98) a 2-oxo-1,2,3,4-tetrahydroquinolyloxy group optionally substituted with one or more lower alkyl groups,~~

~~(1-1-99) an isoquinolyl group,~~

~~(1-1-100) a 3,4-dihydro-1H-isoquinolyl group,~~

~~(1-1-101) a 3,4-dihydro-1H-isoquinolyl lower alkyl group,~~

~~(1-1-102) an indolyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group; and a lower alkoxy-carbonyl group,~~

~~(1-1-103) an indolyl lower alkyl group,~~

~~(1-1-104) an indolylvinyl group optionally substituted on the indole ring with one or more lower alkyl groups,~~

~~(1-1-105) an indolinyl group,~~

~~(1-1-106) an indolinylcarbonyl group,~~

~~(1-1-107) a 1H-1,2,3-triazolyl group optionally substituted with one or more cyano groups, and~~

~~(1-1-108) a triphenylphosphonium lower alkyl group,~~

(1-2) a thiazolyl group substituted with one or more members selected from the group consisting of the following (1-2-1) to (1-2-11~~26~~):

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-2) a lower alkoxy group,

(1-2-3) a cycloalkyl group,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group

optionally substituted with one or more halogen atoms~~; a hydroxy group; and a cyano group~~,

(1-2-6) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-2-7) a phenoxy group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-2-8) a benzyloxy group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-2-9) a phenylthio group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-10) an N-lower alkyl-N-phenyl amino group ~~optionally mono- or di-substituted with members selected from the group consisting of a lower alkyl group; a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms; a benzyl group~~ optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom~~;~~ and a lower alkyl group optionally substituted with one or more halogen atoms~~; and a benzoyl group optionally substituted with one or more halogen atoms~~, and

(1-2-11) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

~~(1-2-12) a lower alkenyl group,~~

~~(1-2-13) a cycloalkyl lower alkyl group,~~

~~(1-2-14) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a hydroxy group,~~

~~(1-2-15) a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,~~

~~(1-2-16) a phenyl lower alkoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkoxy group optionally substituted with one or more halogen atoms; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-2-17) a phenyl lower alkylsulfonyl lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-2-18) a mono- or di-N-lower alkyl amino lower alkyl group;~~

~~(1-2-19) a piperidyl group optionally substituted with one or more members selected from the group consisting of a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom, and a lower alkyl group optionally substituted with one or more halogen atoms; and a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom, and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-2-20) a piperazinyl group optionally substituted with one or more phenyl groups optionally substituted with one or more members selected from the group consisting of a halogen atom, and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-2-21) an indolyl group,~~

~~(1-2-22) a morpholinyl group,~~

~~(1-2-23) a thienyl group,~~

~~(1-2-24) a benzothienyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-2-25) a furyl group, and~~

~~(1-2-26) a cyano group,~~

(1-3) an oxazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-3-1) to (1-3-3~~12~~):

(1-3-1) a lower alkyl group ~~optionally substituted with one or more halogen atoms~~,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a

halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

~~(1-3-4) a lower alkoxy lower alkyl group,~~

~~(1-3-5) a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-3-6) a naphthyl group,~~

~~(1-3-7) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-3-8) a furyl group,~~

~~(1-3-9) a dihydrobenzofuryl group,~~

~~(1-3-10) a thienyl group,~~

~~(1-3-11) a benzothienyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms, and~~

~~(1-3-12) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,~~

(1-4) a thienyl group substituted with one or more members selected from the group consisting of the following (1-4-1) to (1-4-5~~14~~):

(1-4-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted

with one or more ~~members selected from the group consisting of a~~ halogen atoms~~ and a hydroxy group~~; ~~a lower alkoxy group optionally substituted with one or more halogen atoms; a lower alkyl-carbonyl group; a lower alkoxy-carbonyl group;~~ and a benzyloxy group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a~~ lower alkyl groups optionally substituted with one or more halogen atoms,~~ and a halogen atom,~~

(1-4-3) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-4-4) a phenoxy group optionally substituted with one or more ~~members selected from the group consisting of a~~ lower alkyl groups optionally substituted with one or more halogen atoms~~; and a halogen atom~~, and

(1-4-5) a styryl group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a halogen atom; and a~~ lower alkyl groups optionally substituted with one or more halogen atoms,

~~(1-4-6) a cycloalkyl lower alkenyl group,~~

~~(1-4-7) a halogen atom,~~

~~(1-4-8) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-4-9) a pyridyl lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-4-10) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-4-11) a thienyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a phenyl group optionally substituted with one or more halogen atoms,~~

~~(1-4-12) a thienylvinyl group,~~

~~(1-4-13) a benzothienyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~ ~~and~~

~~(1-4-14) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,~~

(1-5) a furyl group ~~optionally~~ substituted with one or more members selected from the group consisting of the following (1-5-1) to (1-5-2~~8~~):

(1-5-1) a phenyl group optionally substituted with ~~one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with~~ one or more halogen atoms, ~~;~~ and ~~a phenyl group,~~

(1-5-2) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms~~; and a lower alkoxy group~~,

~~(1-5-3) a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-5-4) a naphthyl group,~~

~~(1-5-5) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-5-6) a quinolyl group,~~

~~(1-5-7) a benzothienyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and~~

~~(1-5-8) a benzo[1,3]dioxolylvinyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms,~~

(1-6) a pyrrolyl group optionally substituted with one or more members selected from the group consisting of the following (1-6-1) to (1-6-3~~5~~):

(1-6-1) a lower alkyl group,

(1-6-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms~~; a lower alkoxy group optionally substituted with one or more halogen atoms; a phenoxy group; a benzyl group; and a benzoyl group~~, and

(1-6-3) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a halogen atom; a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms~~; a lower alkoxy group optionally substituted with one or more halogen atoms; a phenyl group; and a phenyl lower alkoxy group~~,

~~(1-6-4) an indanyl group, and~~

~~(1-6-5) a benzo[1,3]dioxolyl lower alkyl group,~~

(1-7) a pyridyl group substituted with one or more members selected from the group consisting of the following (1-7-1) to (1-7-3~~9~~):

(1-7-1) a benzyloxy lower alkyl group optionally substituted on the phenyl ring with one or more~~ members selected from the group consisting of a halogen atom; and a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms,

(1-7-2) a phenyl group optionally substituted with one or more ~~members selected from the group consisting of a halogen atom; and a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms<u>, and</u>

(1-7-3) a benzofuryl group,

~~(1-7-4) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-7-5) a naphthyl group,~~

~~(1-7-6) a halogen atom,~~

~~(1-7-7) a pyridyl group,~~

~~(1-7-8) a benzothienyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and~~

~~(1-7-9) a [1,2,3]triazolyl group optionally substituted with one or more cyano groups,~~

(1-8) a piperidyl group~~ optionally~~ substituted with one or more members selected from the group consisting of the following (1-8-1) to (1-8-2~~8~~):

(1-8-1) a phenyl group optionally substituted with one or more ~~members selected from the group consisting of a~~

~~halogen atom; and a~~ lower alkyl group<u>s</u> optionally substituted with one or more halogen atoms, <u>and</u>

(1-8-2) a benzyl group optionally substituted on the phenyl ring with ~~one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with~~ one or more halogen atoms,

~~(1-8-3) a lower alkoxy-carbonyl group,~~

~~(1-8-4) a benzoyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-8-5) a phenyl lower alkyl-carbonyl group optionally substituted on the phenyl ring with one or more halogen atoms,~~

~~(1-8-6) a phenyl lower alkoxy-carbonyl group,~~

~~(1-8-7) a phenoxycarbonyl group, and~~

~~(1-8-8) a phenylsulfonyl group optionally substituted with one or more lower alkyl groups,~~

(1-9) an indolyl group optionally substituted with one or more members selected from the group consisting of the following (1-9-1) to (1-9-2~~8~~):

(1-9-1) a lower alkyl group optionally substituted with one or more halogen atoms, <u>and</u>

(1-9-2) a phenyl group optionally substituted ~~with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted~~ with one or more halogen atoms~~; and a lower alkoxy group,~~

~~(1-9-3) a cycloalkyl lower alkyl group~~,

~~(1-9-4) a halogen atom,~~

~~(1-9-5) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members~~

~~selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-9-6) a thienyl lower alkyl group,~~

~~(1-9-7) a tetrahydrofuryl lower alkyl group, and~~

~~(1-9-8) a benzo[1,3]dioxolyl group,~~

(1-10) a benzofuryl group optionally substituted with one or more members selected from the group consisting of the following (1-10-1) to (1-10-2~~7~~):

(1-10-1) a halogen atom, and

(1-10-2) a phenyl group optionally substituted ~~with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted~~ with one or more halogen atoms~~; and a lower alkoxy group optionally substituted with one or more halogen atoms~~,

~~(1-10-3) a lower alkyl group,~~

~~(1-10-4) a benzyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-10-5) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-10-6) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms, and~~

~~(1-10-7) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

(1-11) a benzothienyl group optionally substituted with one or more ~~members selected from the group consisting of the following (1-11-1) to (1-11-7):~~

~~(1-11-1) a~~ phenyl groups optionally substituted ~~with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted~~ with one or more halogen atoms,

~~(1-11-2) a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-11-3) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-11-4) a halogen atom,~~

~~(1-11-5) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-11-6) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and~~

~~(1-11-7) a thienyl group,~~

(1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of the following (1-12-1) to (1-12-2~~4~~):

(1-12-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-12-2) a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

~~(1-12-3) a lower alkyl group optionally substituted with one or more halogen atoms, and~~

~~(1-12-4) a phenoxy group,~~

(1-13) a pyrimidinyl group optionally substituted with one or more members selected from the group consisting of the following (1-13-1) to (1-13-3~~7~~):

(1-13-1) a phenyl group~~ optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms~~,

(1-13-2) a pyrrolidyl group, and

(1-13-3) a piperidyl group,

~~(1-13-4) a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-13-5) a lower alkoxy group,~~

~~(1-13-6) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and~~

~~(1-13-7) a morpholinyl group,~~

~~(1-14) a quinolyl group substituted with one or more members selected from the group consisting of the following (1-14-1) to (1-14-5):~~

~~(1-14-1) a lower alkoxy group,~~

~~(1-14-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-14-3) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-14-4) a pyrrolidyl group, and~~

~~(1-14-5) a thienyl group,~~

(1-15) a 2,3-dihydro-1H-indolyl group optionally substituted with one or more members selected from the group consisting of the following (1-15-1) to (1-15-2):

(1-15-1) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-15-2) a benzyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-16) an imidazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-16-1) to (1-16-4):

(1-16-1) a lower alkyl group,

(1-16-2) a halogen atom,

(1-16-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-16-4) a benzyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-17) a benzothiazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-17-1) to (1-17-6):

(1-17-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-17-2) a lower alkoxy group,

(1-17-3) a halogen atom,

(1-17-4) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-17-5) a phenoxy group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-17-6) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-18) an isoxazolyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,

(1-19) a 2,3-dihydrobenzofuryl group optionally substituted with one or more members selected from the group consisting of the following (1-19-1) to (1-19-3):

(1-19-1) a halogen atom,

(1-19-2) a phenyl group optionally substituted with one or more halogen atoms, and

(1-19-3) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-20) an isothiazolyl group optionally substituted with one or more phenyl groups optionally substituted with one or more members selected from the group consisting of a halogen atom, a lower alkyl group optionally substituted with one or more halogen atoms, and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-21) a dibenzofuryl group,

(1-22) a benzo[1,3]dioxolyl group optionally substituted with one or more members selected from the group consisting of the following (1-22-1) to (1-22-2):

(1-22-1) a halogen atom, and

(1-22-2) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-23) a carbazolyl group optionally substituted with one or more lower alkyl groups,

(1-24) a naphthyl group optionally substituted with one or more benzyloxy groups optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-25) a 2-oxo-1,2,3,4-tetrahydroquinolyl group optionally substituted with one or more benzyl groups optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-26) a 6-oxo-1,6-dihydropyrimidinyl group optionally substituted with one or more phenyl groups optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-27) an imidazo[1,2-a]pyridyl group optionally substituted with one or more phenyl groups optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-28) a [1,3,4]oxadiazolyl group optionally substituted with one or more phenyl groups optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-29) a [1,2,4]thiadiazolyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,

(1-30) a benzoxazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-30-1) to (1-30-4):

(1-30-1) a lower alkyl group,

(1-30-2) a lower alkoxy group,

(1-30-3) a halogen atom, and

(1-30-4) a phenyl group,

(1-31) a [1,3,4]thiadiazolyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms;

(1-32) a styryl group optionally substituted on the phenyl ring with one or more benzyloxy groups optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-33) a benzoyl group optionally substituted with one or more benzyloxy groups optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-34) a cycloalkyl group optionally substituted with one or more members selected from the group consisting of a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom and a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms; and a benzyloxy groups optionally substituted on the phenyl ring with one

~~or more lower alkyl groups optionally substituted with one or more halogen atoms;~~

provided that

5-(4-styrylphenyl)-1,2,3-triazole-4-carbonitrile;

5-[4-(4-methylstyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-methoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(3,4,5-trimethoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(3-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-cyanostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-{4-[2-(pyridin-4-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;

5-{4-[2-(thiophen-2-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;

5-{4-[2-(benzofuran-2-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;

4-(4-methylphenyl)-5-cyano-1,2,3-triazole;

4-(4-isopropylphenyl)-5-cyano-1,2,3-triazole;

4-(4-methoxyphenyl)-5-cyano-1,2,3-triazole;

4-(2,3-dimethoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3,4-dimethoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3,4,5-trimethoxyphenyl)-5-cyano-1,2,3-triazole;

4-(4-fluorophenyl)-5-cyano-1,2,3-triazole;

4-(4-chlorophenyl)-5-cyano-1,2,3-triazole;

4-(4-bromophenyl)-5-cyano-1,2,3-triazole;

4-(4-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3-fluoro-4-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(4-fluoro-3-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(2-fluorophenyl)-1,2,3-triazole-5-carbonitrile; ~~and~~

4-(4-fluoro-3-methoxyphenyl)-1,2,3-triazole-5-carbonitrile;
4-(2-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4-dimethoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,6-dichlorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3-bromo-6-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2-chloro-6-fluorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-methoxy-biphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4-trifluoromethoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-chlorobiphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3-trifluoromethylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4-dichlorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4,6-trimethylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,6-difluorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-trifluoromethyl)biphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3,5-di-tert-butyl-2-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-methylbiphenyl-2-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4-ethylphenyl)-1H-1,2,3-triazole-5-carbonitrile; and
4-(4-tert-butylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
are excluded,
or a salt thereof.

24. The compound or salt according to claim 13, wherein R^{1a} is ~~one of~~ the following (1-1) ~~to (1-13)~~:

(1-1) a phenyl group substituted with one or more members selected from the group consisting of the following (1-1-1) to (1-1-36):

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-3) a lower alkoxy lower alkyl group,

(1-1-4) a cycloalkyl group,

(1-1-5) a cycloalkoxy group,

(1-1-6) a cycloalkyl lower alkyl group,

(1-1-7) a cycloalkyl lower alkoxy group,

(1-1-8) a cycloalkyl lower alkoxy lower alkyl group,

(1-1-9) a halogen atom,

(1-1-10) a cyano group,

(1-1-11) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-13) a styryl group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a~~ lower alkoxy groups~~ optionally~~ substituted with one or more halogen atoms~~; a lower alkyl group optionally substituted with one or more halogen atoms; a cyano group; and a halogen atom~~,

(1-1-14) a phenoxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-15) a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkoxy group; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-17) a phenylthio group optionally substituted with one or more halogen atoms,

(1-1-18) a benzylthio lower alkyl group optionally substituted on the phenyl ring with one or more lower alkoxy groups optionally substituted with one or more halogen atoms,

(1-1-19) an N-lower alkyl-N-phenyl amino lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-20) an N-benzyl-N-lower alkyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-22) a pyridyl lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-27) a piperidyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-28) a benzoxazolyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-29) a benzofuryl group,

(1-1-30) a benzofuryl lower alkoxy group,

(1-1-31) a thienyl group,

(1-1-32) a benzothienyl group,

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,

(1-1-34) an indolinyl lower alkyl group,

(1-1-35) a benzothienylvinyl group, and

(1-1-36) a benzo[1,3]dioxolylvinyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms;~~,~~

~~(1-2) a thiazolyl group substituted with one or more members selected from the group consisting of the following (1-2-1) to (1-2-11):~~

~~(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-2-2) a lower alkoxy group,~~

~~(1-2-3) a cycloalkyl group,~~

~~(1-2-4) a halogen atom,~~

~~(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,~~

~~(1-2-6) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-2-7) a phenoxy group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,~~

~~(1-2-8) a benzyloxy group optionally substituted on the phenyl ring with one or more halogen atoms,~~

~~(1-2-9) a phenylthio group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

(1-2-10) an N-lower alkyl-N-phenyl amino group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-3-1) to (1-3-3):

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group substituted with one or more members selected from the group consisting of the following (1-4-1) to (1-4-5):

(1-4-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-4-3) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-4-4) a phenoxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-4-5) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-5) a furyl group optionally substituted with one or more members selected from the group consisting of the following (1-5-1) to (1-5-2):

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms, and

(1-5-2) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-6) a pyrrolyl group optionally substituted with one or more members selected from the group consisting of the following (1-6-1) to (1-6-3):

(1-6-1) a lower alkyl group,

(1-6-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-6-3) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-7) a pyridyl group substituted with one or more members selected from the group consisting of the following (1-7-1) to (1-7-3):

(1-7-1) a benzyloxy lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-7-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-7-3) a benzofuryl group,

(1-8) a piperidyl group optionally substituted with one or more members selected from the group consisting of the following (1-8-1) to (1-8-2):

(1-8-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-8-2) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-9) an indolyl group optionally substituted with one or more members selected from the group consisting of the following (1-9-1) to (1-9-2):

(1-9-1) a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-9-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-10) a benzofuryl group optionally substituted with one or more members selected from the group consisting of the following (1-10-1) to (1-10-2):

(1-10-1) a halogen atom, and

(1-10-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-11) a benzothienyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,

(1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of the following (1-12-1) to (1-12-2):

(1-12-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms; and

(1-12-2) a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

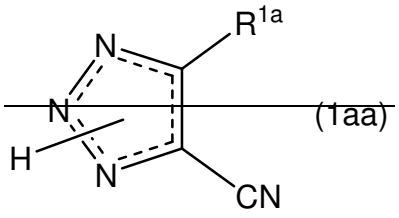
(1-13) a pyrimidinyl group optionally substituted with one or more members selected from the group consisting of the following (1-13-1) to (1-13-3):

(1-13-1) a phenyl group,

(1-13-2) a pyrrolidinyl group, and

(1-13-3) a piperidyl group.

5. A cyanotriazole compound represented by the formula (1aa):



(1aa)

wherein

R^{1a} is the following (1-1):

(1-1) a phenyl group substituted with one or more members selected from the group consisting of the following (1-1-1) to (1-1-36):

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-3) a lower alkoxy lower alkyl group,

(1-1-4) a cycloalkyl group,

(1-1-5) a cycloalkoxy group,

(1-1-6) a cycloalkyl lower alkyl group,

(1-1-7) a cycloalkyl lower alkoxy group,

(1-1-8) a cycloalkyl lower alkoxy lower alkyl group,

(1-1-9) a halogen atom,

(1-1-10) a cyano group,

(1-1-11) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-13) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a lower alkoxy group optionally substituted with one or more halogen atoms; a lower alkyl group optionally substituted with one or more halogen atoms; a cyano group; and a halogen atom,

~~(1-1-14) a phenoxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-15) a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,~~

~~(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkoxy group; and a lower alkyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-17) a phenylthio group optionally substituted with one or more halogen atoms,~~

~~(1-1-18) a benzylthio lower alkyl group optionally substituted on the phenyl ring with one or more lower alkoxy groups optionally substituted with one or more halogen atoms,~~

~~(1-1-19) an N-lower alkyl-N-phenyl amino lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,~~

~~(1-1-20) an N-benzyl-N-lower alkyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-22) a pyridyl lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-27) a piperidyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,~~

~~(1-1-28) a benzoxazolyl group optionally substituted on the phenyl ring with one or more halogen atoms,~~

~~(1-1-29) a benzofuryl group,~~

~~(1-1-30) a benzofuryl lower alkoxy group,~~

~~(1-1-31) a thienyl group,~~

~~(1-1-32) a benzothienyl group,~~

~~(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,~~

~~(1-1-34) an indolinyl lower alkyl group,~~

~~(1-1-35) a benzothienylvinyl group, and~~

~~(1-1-36) a benzo[1,3]dioxolylvinyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms;~~

provided that

5-(4-styrylphenyl)-1,2,3-triazole-4-carbonitrile;

5-[4-(4-methylstyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-methoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(3,4,5-trimethoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(3-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-cyanostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-{4-[2-(pyridin-4-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;

4-(4-methylphenyl)-5-cyano-1,2,3-triazole;

4-(4-isopropylphenyl)-5-cyano-1,2,3-triazole;

4-(4-methoxyphenyl)-5-cyano-1,2,3-triazole;

4-(2,3-dimethoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3,4-dimethoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3,4,5-trimethoxyphenyl)-5-cyano-1,2,3-triazole;

4-(4-fluorophenyl)-5-cyano-1,2,3-triazole;

4-(4-chlorophenyl)-5-cyano-1,2,3-triazole;

4-(4-bromophenyl)-5-cyano-1,2,3-triazole;

4-(4-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3-fluoro-4-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(3-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(4-fluoro-3-phenoxyphenyl)-5-cyano-1,2,3-triazole;

4-(2-fluorophenyl)-1,2,3-triazole-5-carbonitrile; ~~and~~

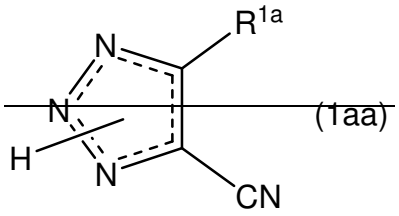
4-(4-fluoro-3-methoxyphenyl)-1,2,3-triazole-5-carbonitrile;

4-(2-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;

4-(2,4-dimethoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;

4-(2,6-dichlorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3-bromo-6-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2-chloro-6-fluorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-methoxy-biphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4-trifluoromethoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-chlorobiphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3-trifluoromethylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4-dichlorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4,6-trimethylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,6-difluorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-trifluoromethyl)biphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3,5-di-tert-butyl-2-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-methylbiphenyl-2-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4-ethylphenyl)-1H-1,2,3-triazole-5-carbonitrile; and
4-(4-tert-butylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
are excluded~~,~~
~~or a salt thereof~~.

3~~6~~. The~~A cyanotriazole~~ compound or salt according to claim 1,~~represented by the formula (1aa):~~



(1aa)

wherein

R^{1a} is one of the following (1-2) to (1-13):

(1-2) a thiazolyl group substituted with one or more members selected from the group consisting of the following (1-2-1) to (1-2-11):

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-2) a lower alkoxy group,

(1-2-3) a cycloalkyl group,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-2-6) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-2-7) a phenoxy group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-2-8) a benzyloxy group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-2-9) a phenylthio group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-10) an N-lower alkyl-N-phenyl amino group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-3-1) to (1-3-3):

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group substituted with one or more members selected from the group consisting of the following (1-4-1) to (1-4-5):

(1-4-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted

with one or more halogen atoms; and a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-4-3) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-4-4) a phenoxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-4-5) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-5) a furyl group optionally substituted with one or more members selected from the group consisting of the following (1-5-1) to (1-5-2):

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms, and

(1-5-2) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-6) a pyrrolyl group optionally substituted with one or more members selected from the group consisting of the following (1-6-1) to (1-6-3):

(1-6-1) a lower alkyl group,

(1-6-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-6-3) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-7) a pyridyl group substituted with one or more members selected from the group consisting of the following (1-7-1) to (1-7-3):

(1-7-1) a benzyloxy lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-7-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-7-3) a benzofuryl group,

(1-8) a piperidyl group optionally substituted with one or more members selected from the group consisting of the following (1-8-1) to (1-8-2):

(1-8-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-8-2) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-9) an indolyl group optionally substituted with one or more members selected from the group consisting of the following (1-9-1) to (1-9-2):

(1-9-1) a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-9-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-10) a benzofuryl group optionally substituted with one or more members selected from the group consisting of the following (1-10-1) to (1-10-2):

(1-10-1) a halogen atom, and

(1-10-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-11) a benzothienyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,

(1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of the following (1-12-1) to (1-12-2):

(1-12-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms; and

(1-12-2) a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-13) a pyrimidinyl group optionally substituted with one or more members selected from the group consisting of the following (1-13-1) to (1-13-3):

(1-13-1) a phenyl group,

(1-13-2) a pyrrolidinyl group, and

(1-13-3) a piperidyl group~~,~~

~~or a salt thereof~~.

4~~7~~. The compound or salt according to claim 1~~3 or 4~~, wherein R^{1a} is one of the following (1-1) to (1-7), (1-9), (1-10), (1-12) and (1-13):

(1-1) a phenyl group substituted with one or more members selected from the group consisting of

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-9) a halogen atom,

(1-1-11) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-13) a styryl group optionally substituted on the phenyl ring with one or more ~~members selected from the group consisting of a lower alkoxy group optionally substituted with one or more halogen atoms; a~~ lower alkyl groups ~~optionally~~ substituted with one or more halogen atoms~~; a cyano group; and a halogen atom~~,

(1-1-14) a phenoxy group,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-19) an N-lower alkyl-N-phenyl amino lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-20) an N-benzyl-N-lower alkyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-27) a piperidyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-31) a thienyl group,

(1-1-32) a benzothienyl group,

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,

(1-1-35) a benzothienylvinyl group, and

(1-1-36) a benzo[1,3]dioxolylvinyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms,

(1-2) a thiazolyl group substituted with one or more members selected from the group consisting of

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from the group consisting of

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group substituted with one or more members selected from the group consisting of

(1-4-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-5) a furyl group ~~optionally~~ substituted with one or more members selected from the group consisting of

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms, and

(1-5-2) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-6) a pyrrolyl group optionally substituted with one or more members selected from the group consisting of

(1-6-1) a lower alkyl group, and

(1-6-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-7) a pyridyl group substituted with one or more members selected from the group consisting of

(1-7-3) a benzofuryl group,

(1-9) an indolyl group optionally substituted with one or more members selected from the group consisting of

(1-9-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-10) a benzofuryl group optionally substituted with one or more members selected from the group consisting of

(1-10-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of

(1-12-2) a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

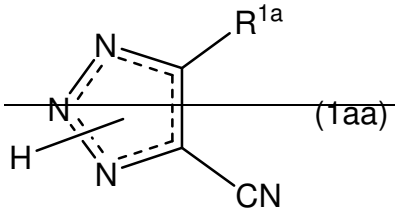
(1-13) a pyrimidinyl group optionally substituted with one or more members selected from the group consisting of

(1-13-1) a phenyl group,

(1-13-2) a pyrrolidyl group, and

(1-13-3) a piperidyl group.

5~~8~~. The~~A cyanotriazole~~ compound or salt according to claim 4,~~represented by the formula (1aa):~~



(1aa)

wherein

~~——~~R^{1a} is the following (1-1):

(1-1) a phenyl group substituted with one or more members selected from the group consisting of

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-9) a halogen atom,

(1-1-11) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-13) a styryl group ~~optionally~~ substituted on the phenyl ring with one or more ~~members selected from the group consisting of a lower alkoxy group optionally substituted with one or more halogen atoms; a~~ lower alkyl groups ~~optionally~~ substituted with one or more halogen atoms~~; a cyano group; and a halogen atom~~,

(1-1-14) a phenoxy group,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-19) an N-lower alkyl-N-phenyl amino lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-20) an N-benzyl-N-lower alkyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-27) a piperidyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-31) a thienyl group,

(1-1-32) a benzothienyl group,

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,

(1-1-35) a benzothienylvinyl group, and

(1-1-36) a benzo[1,3]dioxolylvinyl group optionally substituted on the benzo[1,3]dioxole ring with one or more halogen atoms;

provided that

5-(4-styrylphenyl)-1,2,3-triazole-4-carbonitrile;

5-[4-(4-methylstyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-methoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(3,4,5-trimethoxystyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

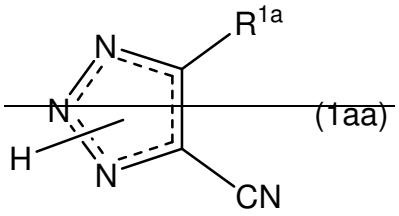
5-[4-(3-chlorostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-[4-(4-cyanostyryl)phenyl]-1,2,3-triazole-4-carbonitrile;

5-{4-[2-(pyridin-4-yl)vinyl]phenyl}-1,2,3-triazole-4-carbonitrile;
4-(4-methylphenyl)-5-cyano-1,2,3-triazole;
4-(4-isopropylphenyl)-5-cyano-1,2,3-triazole;
4-(4-methoxyphenyl)-5-cyano-1,2,3-triazole;
4-(2,3-dimethoxyphenyl)-5-cyano-1,2,3-triazole;
4-(3,4-dimethoxyphenyl)-5-cyano-1,2,3-triazole;
4-(3,4,5-trimethoxyphenyl)-5-cyano-1,2,3-triazole;
4-(4-fluorophenyl)-5-cyano-1,2,3-triazole;
4-(4-chlorophenyl)-5-cyano-1,2,3-triazole;
4-(4-bromophenyl)-5-cyano-1,2,3-triazole;
4-(4-phenoxyphenyl)-5-cyano-1,2,3-triazole;
4-(3-fluoro-4-phenoxyphenyl)-5-cyano-1,2,3-triazole;
4-(3-phenoxyphenyl)-5-cyano-1,2,3-triazole; and
4-(4-fluoro-3-phenoxyphenyl)-5-cyano-1,2,3-triazole;
4-(2-fluorophenyl)-1,2,3-triazole-5-carbonitrile; and
4-(4-fluoro-3-methoxyphenyl)-1,2,3-triazole-5-carbonitrile;
4-(2-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4-dimethoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,6-dichlorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3-bromo-6-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2-chloro-6-fluorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-methoxy-biphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4-trifluoromethoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-chlorobiphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3-trifluoromethylphenyl)-1H-1,2,3-triazole-5-carbonitrile;

4-(2,4-dichlorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,4,6-trimethylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(2,6-difluorophenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-trifluoromethyl)biphenyl-4-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(3,5-di-tert-butyl-2-methoxyphenyl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4'-methylbiphenyl-2-yl)-1H-1,2,3-triazole-5-carbonitrile;
4-(4-ethylphenyl)-1H-1,2,3-triazole-5-carbonitrile; and
4-(4-tert-butylphenyl)-1H-1,2,3-triazole-5-carbonitrile;
are excluded~~,~~
~~or a salt thereof~~.

6~~9~~. The~~A cyanotriazole~~ compound or salt according to claim 4, ~~represented by the formula (1aa):~~



(1aa)

wherein

~~——~~R^{1a} is one of the following (1-2) to (1-7), (1-9), (1-10), (1-12) and (1-13):

(1-2) a thiazolyl group substituted with one or more members selected from the group consisting of

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted

with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from the group consisting of

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group substituted with one or more members selected from the group consisting of

(1-4-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-5) a furyl group ~~optionally~~ substituted with one or more members selected from the group consisting of

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms, and

(1-5-2) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-6) a pyrrolyl group optionally substituted with one or more members selected from the group consisting of

(1-6-1) a lower alkyl group, and

(1-6-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-7) a pyridyl group substituted with one or more members selected from the group consisting of

(1-7-3) a benzofuryl group,

(1-9) an indolyl group optionally substituted with one or more members selected from the group consisting of

(1-9-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-10) a benzofuryl group optionally substituted with one or more members selected from the group consisting of

(1-10-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of

(1-12-2) a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-13) a pyrimidinyl group optionally substituted with one or more members selected from the group consisting of

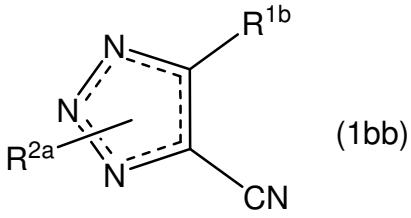
(1-13-1) a phenyl group,

(1-13-2) a pyrrolidyl group, and

(1-13-3) a piperidyl group~~,~~

~~or a salt thereof~~.

7~~10~~. A cyanotriazole compound represented by the formula (1bb):



(1bb)

wherein

R^{1b} is one of the following (1-1) to (1-13):

(1-1) a phenyl group optionally substituted with one or more members selected from the group consisting of the following (1-1-1) to (1-1-34):

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-3) a lower alkoxy lower alkyl group,

(1-1-4) a cycloalkyl group,

(1-1-5) a cycloalkoxy group,

(1-1-6) a cycloalkyl lower alkyl group,

(1-1-7) a cycloalkyl lower alkoxy group,

(1-1-8) a cycloalkyl lower alkoxy lower alkyl group,

(1-1-9) a halogen atom,

(1-1-10) a cyano group,

(1-1-11) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members

selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-13) a styryl group ~~optionally~~ substituted on the phenyl ring with one or more ~~members selected from the group consisting of a lower alkoxy group; a~~ lower alkyl groups ~~optionally~~ substituted with one or more halogen atoms~~; a cyano group; and a halogen atom~~,

(1-1-14) a phenoxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-15) a phenoxy lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; a lower alkoxy group; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-17) a phenylthio group optionally substituted with one or more halogen atoms,

(1-1-18) a benzylthio lower alkyl group optionally substituted on the phenyl ring with one or more lower alkoxy groups optionally substituted with one or more halogen atoms,

(1-1-19) an N-lower alkyl-N-phenyl amino lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-20) an N-benzyl-N-lower alkyl amino group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-22) a pyridyl lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-27) a piperidyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-28) a benzoxazolyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-29) a benzofuryl group,

(1-1-30) a benzofuryl lower alkoxy group,

(1-1-31) a thienyl group,

(1-1-32) a benzothienyl group,

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms, and

(1-1-34) an indolinyl lower alkyl group,

(1-2) a thiazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-2-1) to (1-2-11):

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-2) a lower alkoxy group,

(1-2-3) a cycloalkyl group,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-2-6) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-2-7) a phenoxy group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-2-8) a benzyloxy group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-2-9) a phenylthio group optionally substituted with one or more members selected from the group consisting

of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-10) an N-lower alkyl-N-phenyl amino group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from the group consisting of the following (1-3-1) to (1-3-3):

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group optionally substituted with one or more members selected from the group consisting of the following (1-4-1) to (1-4-5):

(1-4-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a benzyloxy group optionally substituted on the phenyl ring with one or

more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-4-3) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-4-4) a phenoxy group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-4-5) a styryl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-5) a furyl group optionally substituted with one or more members selected from the group consisting of the following (1-5-1) to (1-5-2):

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms, and

(1-5-2) a styryl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-6) a pyrrolyl group optionally substituted with one or more members selected from the group consisting of the following (1-6-1) to (1-6-3):

(1-6-1) a lower alkyl group,

(1-6-2) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-6-3) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more lower

alkyl groups optionally substituted with one or more halogen atoms,

(1-7) a pyridyl group optionally substituted with one or more members selected from the group consisting of the following (1-7-1) to (1-7-2):

(1-7-1) a benzyloxy lower alkyl group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-7-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-8) a piperidyl group optionally substituted with one or more members selected from the group consisting of the following (1-8-1) to (1-8-2):

(1-8-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-8-2) a benzyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-9) an indolyl group optionally substituted with one or more members selected from the group consisting of the following (1-9-1) to (1-9-2):

(1-9-1) a lower alkyl group optionally substituted with one or more halogen atoms, and

(1-9-2) a phenyl group optionally substituted with one or more halogen atoms,

(1-10) a benzofuryl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,

(1-11) a benzothienyl group optionally substituted with one or more phenyl groups optionally substituted with one or more halogen atoms,

(1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more members selected from the group consisting of the following (1-12-1) to (1-12-2):

(1-12-1) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-12-2) a benzyloxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-13) a pyrimidinyl group optionally substituted with one or more members selected from the group consisting of the following (1-13-1) to (1-13-3):

(1-13-1) a phenyl group,

(1-13-2) a pyrrolidyl group, and

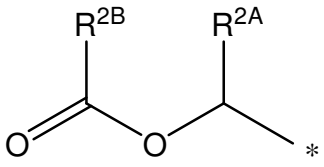
(1-13-3) a piperidyl group; and

R^{2a} is one of the following (2-1) to (2-3):

(2-1) a lower alkyl group optionally substituted with one or more members selected from the group consisting of a hydroxy group; and a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(2-2) a 2-oxo-1,3-dioxolanyl group, and

(2-3) a group represented by the formula:



wherein

* is a bonding site;

R^{2A} is one of the following (2A-1) to (2A-2):

(2A-1) a hydrogen atom, and~~or~~

(2A-2) a lower alkyl group; and

R^{2B} is one of the following (2B-1) to (2B-6):

(2B-1) a lower alkoxy group optionally substituted with one or more members selected from the group consisting of a lower alkoxy group; a carboxy group; a lower alkoxy-carbonyl group; a hydroxy group; a phenyl lower alkoxy-carbonyl group; a lower alkenyloxy-carbonyl group; a morpholinyl group; a benzyloxycarbonyl group; and a tetrahydropyran-2-yloxy group,

(2B-2) a lower alkyl group;

(2B-3) a lower alkylamino group optionally substituted with one or more lower alkoxy-carbonyl groups;

(2B-4) a cycloalkyl group;

(2B-5) a cycloalkoxy group; and

(2B-6) a phenyl group;

provided that

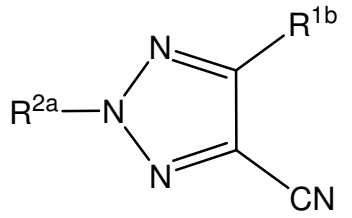
2-butyl-5-(pyridin-3-yl)-2H-[1,2,3]triazole-4-carbonitrile;

2-butyl-5-phenyl-2H-[1,2,3]triazole-4-carbonitrile; and

2-methyl-5-phenyl-2H-[1,2,3]triazole-4-carbonitrile are excluded,

or a salt thereof.

8~~11~~. The cyanotriazole compound or salt according to claim 7~~10~~, which is a compound represented by the formula (1bbA):



(1bbA)

wherein each symbol is as defined in claim 7~~10~~,
or a salt thereof.

9~~12~~. The cyanotriazole compound or salt according to claim 7~~10 or 11~~, wherein

R^{1b} is one of the following (1-1) to (1-5):

(1-1) a phenyl group optionally substituted with one or more members selected from:

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-9) a halogen atom,

(1-1-11) a phenyl group optionally substituted with one or more lower alkoxy groups optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-13) a styryl group~~ optionally~~ substituted on the phenyl ring with one or more lower alkyl groups ~~optionally~~ substituted with one or more halogen atoms,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-31) a thienyl group, and

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,

(1-2) a thiazolyl group optionally substituted with one or more members selected from:

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from:

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group optionally substituted with one or more members selected from:

(1-4-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-5) a furyl group optionally substituted with one or more members selected from:

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms; and

R^{2a} is one of the following groups:

a 1-(((2-carboxy-2,2-dimethylethoxy)carbonyl)oxy)ethyl group;

a 1-(((2-carboxy-1,1-dimethylethoxy)carbonyl)oxy)ethyl group;

a 1-(((2-hydroxyethoxy)carbonyl)oxy)ethyl group;

a 1-(butyryloxy)ethyl group;

a 1-(isobutyryloxy)ethyl group;

an acetoxymethyl group; and

a butyryloxymethyl group.

10~~13~~. A cyanotriazole compound selected from the group consisting of following compounds:
5-[3-methyl-5-(6-trifluoromethyl-pyridin-3-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(6-trifluoromethyl-pyridin-3-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(6-trifluoromethyl-pyridin-3-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-trifluoromethyl-5-(6-trifluoromethyl-pyridin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-trifluoromethyl-5-(6-trifluoromethyl-pyridin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-trifluoromethyl-5-(6-trifluoromethyl-pyridin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-methoxy-5-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-methoxy-5-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-methoxy-5-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[3-methyl-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-chloro-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-chloro-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-chloro-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-4'-trifluoromethoxy-biphenyl-3-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-4'-trifluoromethoxy-biphenyl-3-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-4'-trifluoromethoxy-biphenyl-3-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-cyano-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-cyano-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-cyano-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(*E*)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(*E*)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(*E*)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(5-trifluoromethyl-pyridin-3-yl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(5-trifluoromethyl-pyridin-3-yl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,

5-{3-[(*E*)-2-(5-trifluoromethyl-pyridin-3-yl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(4-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(4-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(4-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-trifluoromethyl-5-[(*E*)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-trifluoromethyl-5-[(*E*)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-trifluoromethyl-5-[(*E*)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(4-trifluoromethyl-pyrimidin-2-yl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(4-trifluoromethyl-pyrimidin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(*E*)-2-(4-trifluoromethyl-pyrimidin-2-yl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyridin-2-yloxymethyl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyridin-2-yloxymethyl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyridin-2-yloxymethyl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,5-bis-trifluoromethyl-benzyloxy)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,5-bis-trifluoromethyl-benzyloxy)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[3-(2,5-bis-trifluoromethyl-benzyloxy)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[4-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[4-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[4-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3,4-dichloro-phenyl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3,4-dichloro-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3,4-dichloro-phenyl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-trifluoromethoxy-phenyl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-trifluoromethoxy-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[2-(3-trifluoromethoxy-phenyl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-chloro-4-fluoro-phenyl)-5-methyl-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-chloro-4-fluoro-phenyl)-5-methyl-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(3-chloro-4-fluoro-phenyl)-5-methyl-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[5-methyl-2-(4-trifluoromethyl-phenyl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[5-methyl-2-(4-trifluoromethyl-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[5-methyl-2-(4-trifluoromethyl-phenyl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-5-ethyl-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-5-ethyl-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-5-ethyl-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[5-ethyl-2-(5-trifluoromethyl-pyridin-2-yl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[5-ethyl-2-(5-trifluoromethyl-pyridin-2-yl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[5-ethyl-2-(5-trifluoromethyl-pyridin-2-yl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[5-chloro-2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[5-chloro-2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[5-chloro-2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[5-cyclopropyl-2-(3-trifluoromethyl-phenyl)-oxazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[5-cyclopropyl-2-(3-trifluoromethyl-phenyl)-oxazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[5-cyclopropyl-2-(3-trifluoromethyl-phenyl)-oxazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-5-isopropyl-oxazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-5-isopropyl-oxazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-phenyl)-5-isopropyl-oxazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-{5-[(*E*)-2-(3-trifluoromethyl-phenyl)-vinyl]-furan-2-yl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{5-[(*E*)-2-(3-trifluoromethyl-phenyl)-vinyl]-furan-2-yl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{5-[(*E*)-2-(3-trifluoromethyl-phenyl)-vinyl]-furan-2-yl}-1H-[1,2,3]triazole-4-carbonitrile,
5-[1-(4,4,4-trifluoro-butyl)-1H-indol-6-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[1-(4,4,4-trifluoro-butyl)-1H-indol-6-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[1-(4,4,4-trifluoro-butyl)-1H-indol-6-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[6-(4-fluoro-phenyl)-benzofuran-2-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[6-(4-fluoro-phenyl)-benzofuran-2-yl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[6-(4-fluoro-phenyl)-benzofuran-2-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-(5'-fluoro-3'-trifluoromethyl-biphenyl-3-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(5'-fluoro-3'-trifluoromethyl-biphenyl-3-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(5'-fluoro-3'-trifluoromethyl-biphenyl-3-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-3',5'-bis-trifluoromethyl-biphenyl-3-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-3',5'-bis-trifluoromethyl-biphenyl-3-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-3',5'-bis-trifluoromethyl-biphenyl-3-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-3'-fluoro-4'-trifluoromethoxy-biphenyl-3-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-3'-fluoro-4'-trifluoromethoxy-biphenyl-3-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(5-chloro-3'-fluoro-4'-trifluoromethoxy-biphenyl-3-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-(3'-fluoro-5,4'-bis-trifluoromethoxy-biphenyl-3-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(3'-fluoro-5,4'-bis-trifluoromethoxy-biphenyl-3-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(3'-fluoro-5,4'-bis-trifluoromethoxy-biphenyl-3-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(3,4-bis-trifluoromethyl-benzyloxy)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(3,4-bis-trifluoromethyl-benzyloxy)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[3-(3,4-bis-trifluoromethyl-benzyloxy)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,5-bis-trifluoromethyl-benzyloxy)-5-trifluoromethoxy-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,5-bis-trifluoromethyl-benzyloxy)-5-trifluoromethoxy-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,5-bis-trifluoromethyl-benzyloxy)-5-trifluoromethoxy-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-2-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-2-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-2-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-3-methyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-3-methyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-3-methyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3,5-bis-trifluoromethyl-phenyl)-vinyl]-5-chloro-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3,5-bis-trifluoromethyl-phenyl)-vinyl]-5-chloro-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3,5-bis-trifluoromethyl-phenyl)-vinyl]-5-chloro-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,

5-{3-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-trifluoromethyl-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-trifluoromethyl-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-trifluoromethyl-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(E)-2-(4-fluoro-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(E)-2-(4-fluoro-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(E)-2-(4-fluoro-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-5-methyl-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-5-methyl-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-5-methyl-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-5-trifluoromethoxy-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-5-trifluoromethoxy-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,

5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-5-trifluoromethoxy-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-ethoxy-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-ethoxy-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-ethoxy-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,4-difluoro-phenyl)-vinyl]-5-trifluoromethyl-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,4-difluoro-phenyl)-vinyl]-5-trifluoromethyl-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,4-difluoro-phenyl)-vinyl]-5-trifluoromethyl-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,4-difluoro-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,4-difluoro-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,4-difluoro-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(E)-2-(3-trifluoromethoxy-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-chloro-5-[(E)-2-(3-trifluoromethoxy-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,

5-{3-chloro-5-[(E)-2-(3-trifluoromethoxy-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-methoxy-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-methoxy-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-methoxy-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3-fluoro-5-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3-fluoro-5-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(3-fluoro-5-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-3-trifluoromethyl-phenyl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-3-trifluoromethyl-phenyl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(4-fluoro-3-trifluoromethyl-phenyl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-(3-benzo[b]thiophen-2-yl-5-chloro-phenyl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(3-benzo[b]thiophen-2-yl-5-chloro-phenyl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(3-benzo[b]thiophen-2-yl-5-chloro-phenyl)-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[3-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(5-trifluoromethyl-pyridin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(5-trifluoromethyl-pyridin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-5-(5-trifluoromethyl-pyridin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-5-trifluoromethoxy-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-5-trifluoromethoxy-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-5-trifluoromethoxy-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-ethoxy-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-ethoxy-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-ethoxy-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-4-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-methyl-4-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,

5-[3-methyl-4-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-[3-((E)-2-benzo[b]thiophen-2-yl-vinyl)-phenyl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[3-((E)-2-benzo[b]thiophen-2-yl-vinyl)-phenyl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[3-((E)-2-benzo[b]thiophen-2-yl-vinyl)-phenyl]-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazole-4-carbonitrile,
5-{3-[(E)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-1H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-2-fluoro-phenyl)-5-ethyl-thiazol-4-yl]-3H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-2-fluoro-phenyl)-5-ethyl-thiazol-4-yl]-2H-[1,2,3]triazole-4-carbonitrile,
5-[2-(4-chloro-2-fluoro-phenyl)-5-ethyl-thiazol-4-yl]-1H-[1,2,3]triazole-4-carbonitrile,
5-{5-[(E)-2-(4-fluoro-phenyl)-vinyl]-furan-2-yl}-3H-[1,2,3]triazole-4-carbonitrile,
5-{5-[(E)-2-(4-fluoro-phenyl)-vinyl]-furan-2-yl}-2H-[1,2,3]triazole-4-carbonitrile,

5-{5-[(E)-2-(4-fluoro-phenyl)-vinyl]-furan-2-yl}-1H-[1,2,3]triazole-4-carbonitrile,
5-(6-(benzofuran-2-yl)-pyridin-2-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(6-(benzofuran-2-yl)-pyridin-2-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(6-(benzofuran-2-yl)-pyridin-2-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-(2-phenyl-6-(piperidin-1-yl)-pyrimidin-4-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(2-phenyl-6-(piperidin-1-yl)-pyrimidin-4-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(2-phenyl-6-(piperidin-1-yl)-pyrimidin-4-yl)-1H-[1,2,3]triazole-4-carbonitrile,
5-(2-phenyl-6-(pyrrolidin-1-yl)-pyrimidin-4-yl)-3H-[1,2,3]triazole-4-carbonitrile,
5-(2-phenyl-6-(pyrrolidin-1-yl)-pyrimidin-4-yl)-2H-[1,2,3]triazole-4-carbonitrile,
5-(2-phenyl-6-(pyrrolidin-1-yl)-pyrimidin-4-yl)-1H-[1,2,3]triazole-4-carbonitrile,
3-(1-{4-[3-(2,5-bis-trifluoromethyl-benzyloxy)-phenyl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-[3-chloro-5-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-phenyl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-[3-chloro-5-(4-trifluoromethyl-pyrimidin-2-yl)-phenyl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid——,

3-[1-(4-{3-chloro-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-5-cyano-2H-[1,2,3]triazol-2-yl)-ethoxycarbonyloxy]-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[3-methoxy-5-(4-trifluoromethyl-pyridin-2-yl)-phenyl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-[1-(4-cyano-5-{3-trifluoromethyl-5-[(E)-2-(6-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazol-2-yl)-ethoxycarbonyloxy]-2,2-dimethyl-propionic acid,
3-(1-{4-[2-(4-chloro-phenyl)-thiazol-4-yl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-[1-(4-cyano-5-{3-[(E)-2-(4-trifluoromethyl-pyridin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazol-2-yl)-ethoxycarbonyloxy]-2,2-dimethyl-propionic acid,
3-[1-(4-cyano-5-{3-[(E)-2-(4-trifluoromethyl-pyrimidin-2-yl)-vinyl]-phenyl}-2H-[1,2,3]triazol-2-yl)-ethoxycarbonyloxy]-2,2-dimethyl-propionic acid,
3-(1-{4-[5-chloro-2-(3-trifluoromethyl-phenyl)-thiazol-4-yl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[2-(3-trifluoromethoxy-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[2-(3,4-dichloro-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[5-methyl-2-(4-trifluoromethyl-phenyl)-thiazol-4-yl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,

3-(1-{4-[2-(4-chloro-phenyl)-5-isopropyl-oxazol-4-yl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-[2-(3-chloro-4-fluoro-phenyl)-5-methyl-thiazol-4-yl]-5-cyano-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[5-cyclopropyl-2-(3-trifluoromethyl-phenyl)-oxazol-4-yl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[3-methyl-5-(6-trifluoromethyl-pyridin-3-yl)-phenyl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-cyano-5-[5-ethyl-2-(5-trifluoromethyl-pyridin-2-yl)-thiazol-4-yl]-2H-[1,2,3]triazol-2-yl}-ethoxycarbonyloxy)-2,2-dimethyl-propionic acid,
3-(1-{4-[3-(2,5-bis-trifluoromethylbenzyloxy)phenyl]-5-cyano-2H-[1,2,3]triazol-2-yl}ethoxycarbonyloxy)-3-methylbutyric acid,
carbonic acid 1-{4-[3-(2,5-bis-trifluoromethylbenzyloxy) phenyl]-5-cyano-2H-[1,2,3]triazol-2-yl}ethyl ester -2-hydroxyethyl ester,
acetic acid 4-cyano-5-[3-methyl-5- (4-trifluoromethylpyrimidin-2-yl)phenyl]-2H-[1,2,3]triazol-2-ylmethyl ester,
acetic acid 4-{3-chloro-5-[(E)-2-(3-trifluoromethylphenyl) vinyl]phenyl}-5-cyano-2H-[1,2,3]triazol-2-ylmethyl ester, and
butyric acid 4-{3-chloro-5-[(E)-2-(3-trifluoromethyl-phenyl)-vinyl]-phenyl}-5-cyano-2H-[1,2,3]triazol-2-ylmethyl ester,
or a salt thereof.

~~14. A prophylactic and/or therapeutic agent for a disease or a disorder on which citric acid cycle activation and/or improvement of hyperglycemia has a prophylactic and/or therapeutic effect, comprising, as an active ingredient, the cyanotriazole compound or salt according to claim 1.~~

~~15. The prophylactic and/or therapeutic agent according to claim 14, wherein the disease or disorder on which citric acid cycle activation and/or improvement of hyperglycemia has a prophylactic and/or therapeutic effect is selected from the group consisting of diabetes, impaired glucose tolerance, insulin resistance, diabetic complications, obesity, dyslipidemia, hepatic steatosis, athrosclerosis and cardiovascular disease.~~

~~16. The cyanotriazole compound or salt according to claim 1 for use as a prophylactic and/or therapeutic agent for a disease or a disorder on which citric acid cycle activation and/or improvement of hyperglycemia has a prophylactic and/or therapeutic effect.~~

~~17. Use of the cyanotriazole compound or salt according to claim 1 for manufacturing a prophylactic and/or therapeutic agent for a disease or a disorder on which citric acid cycle activation and/or improvement of hyperglycemia has a prophylactic and/or therapeutic effect.~~

~~18. A method for preventing and/or treating a disease or a disorder on which citric acid cycle activation and/or improvement of hyperglycemia has a prophylactic and/or~~

~~therapeutic effect, comprising administering an effective amount of the cyanotriazole compound or salt according to claim 1 to a patient.~~

11. The cyanotriazole compound or salt according to claim 8, wherein

R^{1b} is one of the following (1-1) to (1-5):

(1-1) a phenyl group optionally substituted with one or more members selected from:

(1-1-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-1-2) a lower alkoxy group optionally substituted with one or more halogen atoms,

(1-1-9) a halogen atom,

(1-1-11) a phenyl group optionally substituted with one or more lower alkoxy groups optionally substituted with one or more halogen atoms,

(1-1-12) a phenyl lower alkyl group optionally substituted on the phenyl ring with one or more halogen atoms,

(1-1-13) a styryl group substituted on the phenyl ring with one or more lower alkyl groups substituted with one or more halogen atoms,

(1-1-16) a phenyl lower alkoxy group optionally substituted on the phenyl ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-21) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-23) a pyridyloxy lower alkyl group optionally substituted on the pyridine ring with one or more lower

alkyl groups optionally substituted with one or more halogen atoms,

(1-1-24) a pyridylvinyl group optionally substituted on the pyridine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-25) a pyrimidinyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-26) a pyrimidinylvinyl group optionally substituted on the pyrimidine ring with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-1-31) a thienyl group, and

(1-1-33) a benzo[1,3]dioxolyl group optionally substituted with one or more halogen atoms,

(1-2) a thiazolyl group optionally substituted with one or more members selected from:

(1-2-1) a lower alkyl group optionally substituted with one or more halogen atoms,

(1-2-4) a halogen atom,

(1-2-5) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; a lower alkyl group optionally substituted with one or more halogen atoms; and a lower alkoxy group optionally substituted with one or more halogen atoms, and

(1-2-11) a pyridyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms,

(1-3) an oxazolyl group optionally substituted with one or more members selected from:

(1-3-1) a lower alkyl group,

(1-3-2) a cycloalkyl group, and

(1-3-3) a phenyl group optionally substituted with one or more members selected from the group consisting of a halogen atom; and a lower alkyl group optionally substituted with one or more halogen atoms,

(1-4) a thienyl group optionally substituted with one or more members selected from:

(1-4-2) a phenyl group optionally substituted with one or more lower alkyl groups optionally substituted with one or more halogen atoms, and

(1-5) a furyl group optionally substituted with one or more members selected from:

(1-5-1) a phenyl group optionally substituted with one or more halogen atoms; and

R^{2a} is one of the following groups:

a 1-(((2-carboxy-2,2-dimethylethoxy)carbonyl)oxy)ethyl group;

a 1-(((2-carboxy-1,1-dimethylethoxy)carbonyl)oxy)ethyl group;

a 1-(((2-hydroxyethoxy)carbonyl)oxy)ethyl group;

a 1-(butyryloxy)ethyl group;

a 1-(isobutyryloxy)ethyl group;

an acetoxymethyl group; and

a butyryloxymethyl group.