CLAIMS

1. A compound selected from the group consisting of:

1-(4-amino-5-methylpyrimidin-2-yl)-N-[2-(4-chlorophenyl)-4-methylpentyl]-3-methyl-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)-4-methylpentyl]-3-methyl-1 H-pyrazole-4-carboxamide;

N-[2-(4-chlorophenyl)-4-methylpentyl]-1-(5-fluoropyrimidin-2-yl)-3-methyl-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-methyl-N-14-ethyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-3-methyl-N-{4-ethyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1H-pyrazole-4-carboxamide;

1-(5-fluoropyrimidin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(6-methylpyridin-3-yl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-(4-methyl-2-pyridin-3-ylpentyl)-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)-4-methylpentyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(4-chlorophenyl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)propyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)pentyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

N-[(1-pyridin-3-ylcyclohexyl)methyl]-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;
1-(5-fluoropyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-aminopyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(3-aminopyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N- {[1-(6-methylpyridin-3-yl)cyclohexyl]methyl}-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

N-[2-(4-chlorophenyl)pentyl]-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

N-[(1-pyridin-3-ylcyclohexyl)methyl]-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

2-pyridin-3-yl-N-[(1-pyridin-3-ylcyclohexyl)methyl]-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-2-pyridin-3-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

4-ethyl-2-pyridin-3-yl-N-[(1-pyridin-3-ylcyclohexyl)methyl]-1,3-thiazole-5-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(4-chlorophenyl)cyclobutyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(4-methoxyphenyl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-(trifluoromethyl)-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(4-aminopyrimidin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1-pyrazin-2-yl-1H-pyrazole-4-carboxamide;

1-(4-aminopyrimidin-2-yl)-3-methyl-N-({1 -[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-tert-butyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-tert-butyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1-pyrimidin-2-yl-1 H-pyrazole-4-carboxamide;

1-(3-aminopyrazin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

1-(6-aminopyrazin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

3-methyl-1-pyrimidin-2-yl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(3-aminopyrazin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(6-aminopyrazin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl] cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

3-methyl-1-pyrazin-2-yl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(4-methoxypyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(3-methylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-(2-adamantan-1-yl-2-hydroxyethyl)-1-(4-amino-5-fluoropyrimidin-2-yl)-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(6-methylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(3-ethylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(3,6-dimethylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-N-{[1-(4-fluorophenyl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;
1-(5-methoxypyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(5-chloropyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

N- {[1-(4-chlorophenyl)cyclohexyl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-pyrimidin-2-yl-3-(trifluoromethyl)-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

N-{[4-(4-chlorophenyl)tetrahydro-2H-pyran-4-yl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-{[1-(4-methoxyphenyl)cyclohexyl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

N-[2-(4-chlorophenyl)pentyl]-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-[2-(4-chlorophenyl)propyl]-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-(4-methyl-2-pyridin-3-ylpentyl)-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-{[1-(4-chlorophenyl)cyclobutyl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide ;

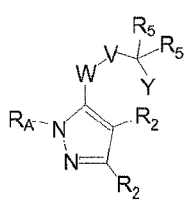
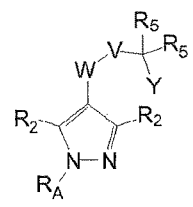
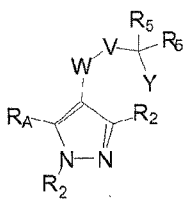
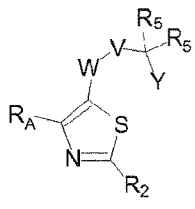
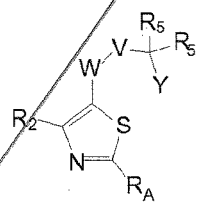
4-ethyl-N-[(1-pyridin-3-ylcyclohexyl)methyl]-2-pyrimidin-2-yl-1,3-thiazole-5-carboxamide; and

4-ethyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-2-pyrimidin-2-yl-1,3-thiazole-5-carboxamide.

2. A compound which is N-[2-(4-chlorophenyl)-2-morpholin-4-ylethyl]-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide.

CLAIMS

1. A compound of the formula:


,

,

;

or

;

W is $-C(=O)NR_4-$, $-NR_4C(=O)-$ or $-NR_4-NR_4-C(=O)-$;

V is C_1-C_6alkylene that is substituted with from 0 to 4 substituents independently chosen from: (i) C_1-C_4alkyl, (C_3-C_8cycloalkyl)C_0-C_2alkyl and phenylC_0-C_2alkyl; (ii) substituents that are taken together, with any intervening carbon atoms, to form a 3- to 7-membered cycloalkyl or a 4- to 7-membered heterocycloalkyl ring; and (iii) substituents that are taken together with R_4 and any intervening atoms to form a 4- to 7-membered heterocycloalkyl;

Y is phenyl or 5- to 6-membered heteroaryl, each of which is substituted with from 0 to 3 substituents independently chosen from hydroxy, halogen, cyano, amino, nitro, oxo, aminocarbonyl, aminosulfonyl, -COOH, C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl, C_1-C_6haloalkyl, C_1-C_6hydroxyalkyl, C_1-C_6aminoalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_2-C_6alkyl ether, C_1-C_6alkanoyl, C_1-C_6alkylsulfonyl, (C_3-C_7cycloalkyl)C_0-C_4alkyl and mono- or di-(C_1-C_6alkyl)amino;

R_2 represents from 0 to 2 substituents independently chosen from halogen, cyano, amino, nitro, aminocarbonyl, aminosulfonyl, -COOH, C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl, C_1-C_6haloalkyl, C_1-C_6hydroxyalkyl, C_1-C_6aminoalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_1-C_6alkanoyl, C_2-C_6alkyl ether, (C_3-C_7cycloalkyl)C_0-C_4alkyl, mono- or di-(C_1-C_6alkyl)amino, C_1-C_6alkylsulfonyl, C_1-C_6alkanoylamino, mono- or di-(C_1-C_6alkyl)aminocarbonyl, mono- or di-(C_1-C_6alkyl)aminosulfonyl and (C_1-C_6alkyl)sulfonylamino;

Each R_4 hydrogen or C_1-C_4alkyl;

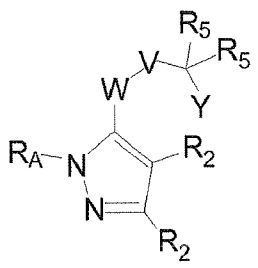
Either:

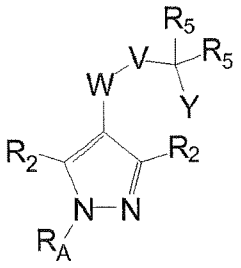
(i) each R_5 is independently hydrogen, -COOH, C_1-C_6alkyl or (C_3-C_7cycloalkyl)C_0-C_4alkyl, such that at least one R_5 is not hydrogen; or

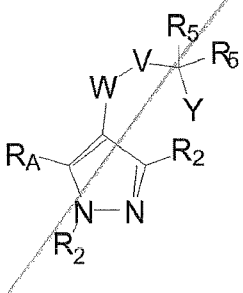
(ii) both R_5 moieties are taken together, with the carbon atom to which they are bound, to form a C_3-C_7cycloalkyl; and

R_A is phenyl or 5-6 membered heteroaryl that is substituted with from 0 to 4 substituents independently chosen from oxo, amino, halogen, C_1-C_6alkyl, C_2-C_6alkenyl, C_1-C_6hydroxyalkyl, C_1-C_6haloalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_2-C_6alkyl ether, mono- or di-(C_1-C_6alkyl)amino.

2. A compound or salt or hydrate thereof according to claim 1, wherein the compound has the formula:



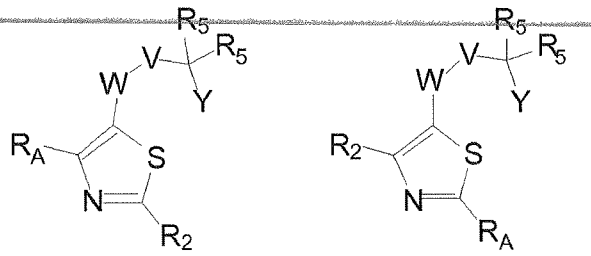
,


or


;

wherein each R_2 is independently hydrogen, halogen, cyano, amino, nitro, aminocarbonyl, aminosulfonyl, -COOH, C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl, C_1-C_6haloalkyl, C_1-C_6hydroxyalkyl, C_1-C_6aminoalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_1-C_6alkanoyl, C_2-C_6alkyl ether, (C_3-C_7cycloalkyl)C_0-C_4alkyl, mono- or di-(C_1-C_6alkyl)amino, C_1-C_6alkylsulfonyl, C_1-C_6alkanoylamino, mono- or di-(C_1-C_6alkyl)aminocarbonyl, mono- or di-(C_1-C_6alkyl)aminosulfonyl or (C_1-C_6alkyl)sulfonylamino.

3. A compound or salt or hydrate thereof according to claim 1, wherein the compound has the formula:



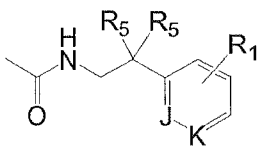
;

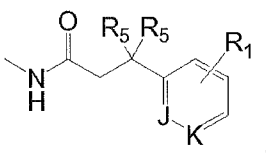
wherein R_2 is hydrogen, halogen, cyano, amino, nitro, aminocarbonyl, aminosulfonyl, -COOH, C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl, C_1-C_6haloalkyl, C_1-C_6hydroxyalkyl, C_1-C_6aminoalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_1-C_6alkanoyl, C_2-C_6alkyl ether, (C_3-C_7cycloalkyl)C_0-C_4alkyl, mono- or di-(C_1-C_6alkyl)amino, C_1-C_6alkylsulfonyl, C_1-C_6alkanoylamino, mono- or di-(C_1-C_6alkyl)aminocarbonyl, mono- or di-(C_1-C_6alkyl)aminosulfonyl or (C_1-C_6alkyl)sulfonylamino.

4. A compound or salt or hydrate thereof according to any one of claims 1-3, wherein Y is C_3-C_{16}cycloalkyl, 6- to 10-membered aryl or 5- to 10-membered heteroaryl, each of which is substituted with from 0 to 4 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl, C_1-C_6haloalkyl, C_1-C_6hydroxyalkyl, C_1-C_6alkoxy, and mono- or di-(C_1-C_6alkyl)amino.

5. A compound or salt or hydrate thereof according to any one of claims 1-3, wherein Y is phenyl or a 5- or 6-membered heteroaryl; each of which is optionally fused to a 5- to 7-membered carbocycle or a 5- to 7-membered heterocycle; and each of which phenyl, heteroaryl, carbocycle and heterocycle is substituted with from 0 to 4 substituents independently chosen from halogen, hydroxy, cyano, amino, C1-C6alkyl, C2-C6alkenyl, C2-C6alkynyl, C1-C6haloalkyl, C1-C6hydroxyalkyl, C1-C6alkoxy, and mono- or di-(C1-C6alkyl)amino.

6. A compound or salt or hydrate thereof according to claim 1, wherein -W-V-C(R5)(R5)-Y is:



or


;

wherein J and K are independently CH or N.

7. The compound of claim 1 selected from the group consisting of:

1-(4-amino-5-methylpyrimidin-2-yl)-N-[2-(4-chlorophenyl)-4-methylpentyl]-3-methyl-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)-4-methylpentyl]-3-methyl-1 H-pyrazole-4-carboxamide;

N-[2-(4-chlorophenyl)-4-methylpentyl]-1-(5-fluoropyrimidin-2-yl)-3-methyl-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-methyl-N-14-ethyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-3-methyl-N-{4-ethyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1H-pyrazole-4-carboxamide;

1-(5-fluoropyrimidin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(6-methylpyridin-3-yl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-(4-methyl-2-pyridin-3-ylpentyl)-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)-4-methylpentyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(4-chlorophenyl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)propyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-[2-(4-chlorophenyl)pentyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

N-[(1-pyridin-3-ylcyclohexyl)methyl]-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(5-fluoropyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-aminopyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(3-aminopyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N- {[1-(6-methylpyridin-3-yl)cyclohexyl]methyl}-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

N-[2-(4-chlorophenyl)pentyl]-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

N-[(1-pyridin-3-ylcyclohexyl)methyl]-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

2-pyridin-3-yl-N-[(1-pyridin-3-ylcyclohexyl)methyl]-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-2-pyridin-3-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;

4-ethyl-2-pyridin-3-yl-N-[(1-pyridin-3-ylcyclohexyl)methyl]-1,3-thiazole-5-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(4-chlorophenyl)cyclobutyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-fluoropyrimidin-2-yl)-N-{[1-(4-methoxyphenyl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-(trifluoromethyl)-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(4-aminopyrimidin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1-pyrazin-2-yl-1H-pyrazole-4-carboxamide;

1-(4-aminopyrimidin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-tert-butyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-3-tert-butyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1-pyrimidin-2-yl-1 H-pyrazole-4-carboxamide;

1-(3-aminopyrazin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

1-(6-aminopyrazin-2-yl)-3-methyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1 H-pyrazole-4-carboxamide;

3-methyl-1-pyrimidin-2-yl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(3-aminopyrazin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(6-aminopyrazin-2-yl)-3-methyl-N-({1-[4-(trifluoromethyl)phenyl] cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

3-methyl-1-pyrazin-2-yl-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

1-(4-methoxypyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(3-methylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-(2-adamantan-1-yl-2-hydroxyethyl)-1-(4-amino-5-fluoropyrimidin-2-yl)-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(6-methylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(3-ethylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(3,6-dimethylpyrazin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(4-amino-5-methylpyrimidin-2-yl)-N-{[1-(4-fluorophenyl)cyclohexyl]methyl}-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-(5-methoxypyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

1-(5-chloropyrimidin-2-yl)-N-[(1-pyridin-3-ylcyclohexyl)methyl]-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

N- {[1-(4-chlorophenyl)cyclohexyl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

1-pyrimidin-2-yl-3-(trifluoromethyl)-N-({1-[4-(trifluoromethyl)phenyl]cyclohexyl}methyl)-1H-pyrazole-4-carboxamide;

N-{[4-(4-chlorophenyl)tetrahydro-2H-pyran-4-yl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-{[1-(4-methoxyphenyl)cyclohexyl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1 H-pyrazole-4-carboxamide;

N-[2-(4-chlorophenyl)pentyl]-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-[2-(4-chlorophenyl)propyl]-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-(4-methyl-2-pyridin-3-ylpentyl)-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide;

N-{[1-(4-chlorophenyl)cyclobutyl]methyl}-1-pyrimidin-2-yl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide ;

4-ethyl-N-[(1-pyridin-3-ylcyclohexyl)methyl]-2-pyrimidin-2-yl-1,3-thiazole-5-carboxamide; and

4-ethyl-N-{4-methyl-2-[4-(trifluoromethyl)phenyl]pentyl}-2-pyrimidin-2-yl-1,3-thiazole-5-carboxamide.

8. A pharmaceutical composition, comprising at least one compound or salt or hydrate thereof according to any one of claims 1-7 in combination with a physiologically acceptable carrier or excipient.

9. Use of a compound or salt or hydrate thereof according to any one of claims 1-7 in the manufacture of a medicament for the treatment of a condition responsive to P2X7 receptor modulation.

10. The use according to claim 9, wherein the condition is pain, inflammation, a neurological or neurodegenerative disorder, a centrally-mediated neuropsychiatric disorder, a cardiovascular disorder, osteoarthritis, rheumatoid arthritis, arthrosclerosis, glaucoma, irritable bowel syndrome, inflammatory bowel disease, Alzheimer's disease, traumatic brain injury, asthma, chronic obstructive pulmonary disease, cirrhosis, lupus, scleroderma, or interstitial fibrosis.

11. The use according to claim 9, wherein the pain is arthritis-associated pain, a neuropathic pain syndrome, visceral pain, dental pain, headache, stump pain, meralgia paresthetica, burning-mouth syndrome, pain associated with nerve and root damage, causalgia, neuritis, neuronitis, neuralgia, surgery-related pain, musculoskeletal pain, central nervous system pain, spinal pain, Charcot's pains, ear pain, muscle pain, eye pain, orofacial pain, carpel tunnel syndrome, acute and chronic back pain, gout, scar pain, hemorrhoidal pain, dyspeptic pains, angina, nerve root pain, complex regional pain syndrome, cancer-associated pain, pain associated with venom exposure, trauma-associated pain, pain associated with autoimmune diseases or immunodeficiency disorders, or pain that results from hot flashes, bums, sunburn, or exposure to heat, cold or external chemical stimuli.

12. The use according to claim 9, wherein the centrally-mediated neuropsychiatric disorder is depression, depression mania, bipolar disease, anxiety, schizophrenia, an eating disorder, a sleep disorder or a cognition disorder.

13 The use according to claim 9, wherein the neurological disorder is epilepsy.

14. The compound of claim 1 wherein the compound is N-[2-(4-chlorophenyl)-2-morpholin-4-ylethyl]-2-pyrimidin-2-yl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide.