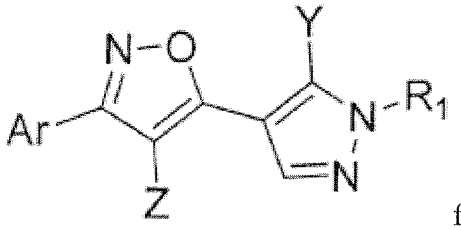
CLAIMS:

1. A compound of the general formula (I)



formula (I)

and pharmaceutically acceptable salts or solvates thereof,

wherein

R^1 is aryl, heteroaryl, cycloalkyl, heterocyclyl or alkyl, which can be substituted by one or more substituents R'

Ar is aryl, cycloalkyl, heterocyclyl or heteroaryl, which can be substituted by one or more substituents R';

Z is H, halogen, -CR"O, -N(R")$_2$, -CN, -C(S)R", -N=C(R')$_2$, -CO_2R", -NR'CO_2R", -CONHR", -CON(R")$_2$, -COSR", -CSNHR", -CSN(R")$_2$, -SO_2-alkyl, -SO_2-haloalkyl, -SO_2NHR", -SO_2(NR")$_2$, amino or -SO_2R";

Y is H, halogen, haloalkyl, or alkyl ~~or an alkylester~~, which can be substituted by one or more substituents R';

R' independently represents H, -CO_2R" –CONHR", -CR"O, -SO_2N(R")$_2$, -SO_2NHR", -NR"-CO-haloalkyl, -NO_2, -NR"-SO_2-haloalkyl, -NR"-SO_2-alkyl, -SO_2-alkyl, -NR"-CO-alkyl, -CN, alkyl, cycloalkyl, aminoalkyl, alkylamino, alkoxy, -OH, -SH, alkylthio, hydroxyalkyl, hydroxyalkylamino, halogen, haloalkyl, haloalkoxy, amino, heterocyclyl, aryl, haloaryl, haloarylalkyl, arylalkyl or heteroaryl;

-CONH-cycloalkyl, -CON(C_{1-4}alkyl)$_2$, -CON(C_{1-4}alkyl)-O-C_{1-4}alkyl, and - COS- C_{1-4}alkyl;

Y is selected from the group comprising H, and trifluoromethyl ~~and methoxycarbonyl~~.

9. A compound according to claim 1 or 2, wherein

R^1 is selected from the group comprising phenyl which is optionally substituted by one or more substituents individually selected from fluorine, chlorine, bromine, nitro, NH_2, -CN, -NHCO-C_{1-4}-alkyl, methoxy, t-butyl, -SO_2NH_2, or -SO_2NH-isopropyl; pyridyl; pyrimidyl which is optionally substituted by one or more substituents selected from methyl or trifluoromethyl; thienyl which is optionally substituted by one substituent-COO-methyl, 1,1-dioxo- tetrahydrothienyl, 2,2,2-trifluoroethyl, isopropyl, isobutyl, 2-methoxyethyl, tetrahydropyran-4-ylmethyl, 2-morpholinoethyl, pyridin-2-ylmethyl and tetrahydrofuran-2-ylmethyl;

Ar is selected from the group comprising phenyl, 2,6-difluorophenyl, 2-chloro-6-fluorophenyl, 2-chloro-6-methoxyphenyl, 2-fluorophenyl, 2-chlorophenyl, 2,6-dichlorophenyl, 2,4-dichlorophenyl, 3-fluoropyridin-4-yl, 3,5-dichloropyridin- 4-yl and 3,5-difluoropyridin-4-yl;

Z is selected from the group comprising chlorine, bromine, -C(O)morpholinyl, -C(O)-piperazinyl, -C(O)-(N-C_{1-4}alkyl-piperazinyl), -C(O)-(N-arylalkyl- piperazinyl), -C(O)-pyrrolidinyl, -C(O)-isoxazolidinyl, -NH_2, -NH-COO-C_{1-4}alkyl, -CN, -C(S)NH_2, -C(S)NH-C,$_{4}$alkyl, -N=C(-O-C_{1-4}alkyl)-C_{1-4}haloalkyl, -CO_2-C_{1-4}alkyl, -CONH-C_{1-4}alkyl, -CONH-(trifluoromethyl-substituted benzyl), -CONH-C_{5-7}cycloalkyl, -CON(C_{1-4}alkyl)$_2$, -CON(C_{1-4}alky)-O-C_{1-4}alkyl, and -COS- C_{1-4}alkyl;

Y is selected from the group comprising H, and trifluoromethyl ~~and methoxycarbonyl~~.

10. A compound according to claim 1 or 2, wherein

R^1 is selected from the group comprising phenyl, 2-fluorophenyl, 2-methoxyphenyl, 2-chlorophenyl, 2-bromophenyl, 2-nitrophenyl, 2- aminophenyl, 4-fluorophenyl, 4-tertbutylphenyl, 3 -fluorophenyl, 3- chlorophenyl, 3-cyanophenyl, 3-acetamido-phenyl, 2-acetamido-phenyl, 3- aminosulfonyl-phenyl, 3-(isopropylamino)sulfonyl-phenyl, 3-nitrophenyl, 3- aminophenyl, 2,4-difluorophenyl, 3,5-difluorophenyl, 3,5-dichlorophenyl, 2,3,5,6-tetrafluorophenyl, 2-pyridyl; 3-pyridyl; 4-pyridyl; 4- trifluoromethyl- pyrimid-2-yl, 2,6-dimethyl-pyrimid-4-yl, 2-methoxycarbonyl-thien-3-yl, 1,1- dioxo-tetrahydrothienyl, 2,2,2-trifluoroethyl, isopropyl, isobutyl, 2- methoxyethyl, tetrahydropyran-4-yl-methyl, 2-(morpholin-4-yl)-ethyl, and tetrahydrofuran-2 -yl -methyl ;

Ar is selected from the group comprising phenyl, 2-chloro-6-fluorophenyl, 2 fluorophenyl, 2-chlorophenyl, 2,6-dichlorophenyl, 2,4-dichlorophenyl, 3 fluoropyridin-4-yl, and 3,5-difluoropyridin-4-yl;

Z is selected from the group comprising bromine, -C(O)-morpholin-4-yl, -C(O)-(N-methyl-piperazin-4-yl), -C(O)-(4-[chlorobenzyl]-piperazin- 1 -yl), -C(O)-pyrrolidinyl, -C(O)-isoxazolidinyl, $-NH_2$, -NH-COO-methyl, -CN, $-C(S)NH_2$, -C(S)NH-methyl, -N=C(-O-methyl)-trifluoromethyl, $-CO_2-C_{1-3}$alkyl, -CONH- methyl, -CONH-(trifluoromethyl-substituted benzyl), -CONH-cyclohexyl, $-CON(methyl)_2$, -CON(methyl)-O-methyl, and -COS-methyl;

Y is selected from the group comprising H, and trifluoromethyl ~~and methoxycarbonyl~~.

11. A compound according to any of claims 1 to 10, wherein the compound is selected from the group comprising the compounds of examples

methyl 3-(2-chloro-6-fluorophenyl)-5-(1-(2-fluorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,
methyl 3-(2-chloro-6-fluorophenyl)-5-(1-(4-fluorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,

ethyl 5-(1 -(3-acetamidophenyl)-5-(trifluoromethyl)- 1 H-pyrazol-4-yl)-3-(2-chloro-6-fluorophenyl)isoxazole-4-carboxylate,

methyl 3-(2-chlorophenyl)-5-(1-(3-chlorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,

methyl 5-(1-(3-chlorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2,6-dichlorophenyl)isoxazole-4-carboxylate,

methyl 5-(1-(3-chlorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2,4-dichlorophenyl)isoxazole-4-carboxylate,

methyl 5-(1-(3-chlorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2-fluorophenyl)isoxazole-4-carboxylate,

isopropyl 5-(1-(3-acetamidophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2-chloro-6-fluorophenyl)isoxazole-4-carboxylate,

isopropyl 3-(2-chloro-6-fluorophenyl)-5-(1-(pyridin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,

ethyl 3-(2-chloro-6-fluorophenyl)-5-(1-(pyridin-2-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,

methyl 5-(1-(3-acetamidophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2-chloro-6-fluorophenyl)isoxazole-4-carboxylate,

ethyl 3-(2-chloro-6-fluorophenyl)-5-(1-(3-nitrophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,

methyl 5-(1-(3-aminophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2-chloro-6-fluorophenyl)isoxazole-4-carboxylate,

ethyl 3-(2-chloro-6-fluorophenyl)-5-(1-(2-nitrophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)isoxazole-4-carboxylate,

ethyl 3 -(2-chloro-6-fluorophenyl)-5-(1 -((tetrahydrofuran-2-yl)methyl)-5-(trifluoromethyl)- 1 H-pyrazol-4-yl)isoxazole-4-carboxylate, and

ethyl 5-(1-(2-aminophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)-3-(2-chloro-6-fluorophenyl)isoxazole-4-carboxylate

of the present invention.

12. A compound according to any of claims 1 to 11 for use as a medicament.

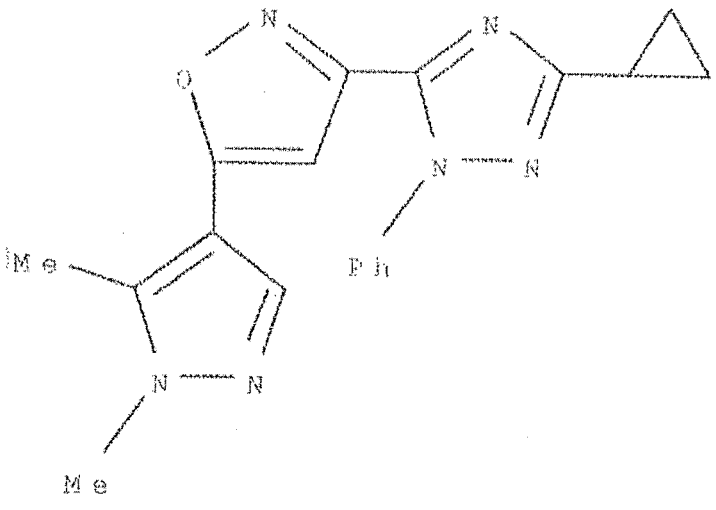
13. A compound according to any of claims 1 to 11 for use in the treatment of a disease or indication ~~is~~ selected from the group consisting of psoriasis, psoriatric arthritis,

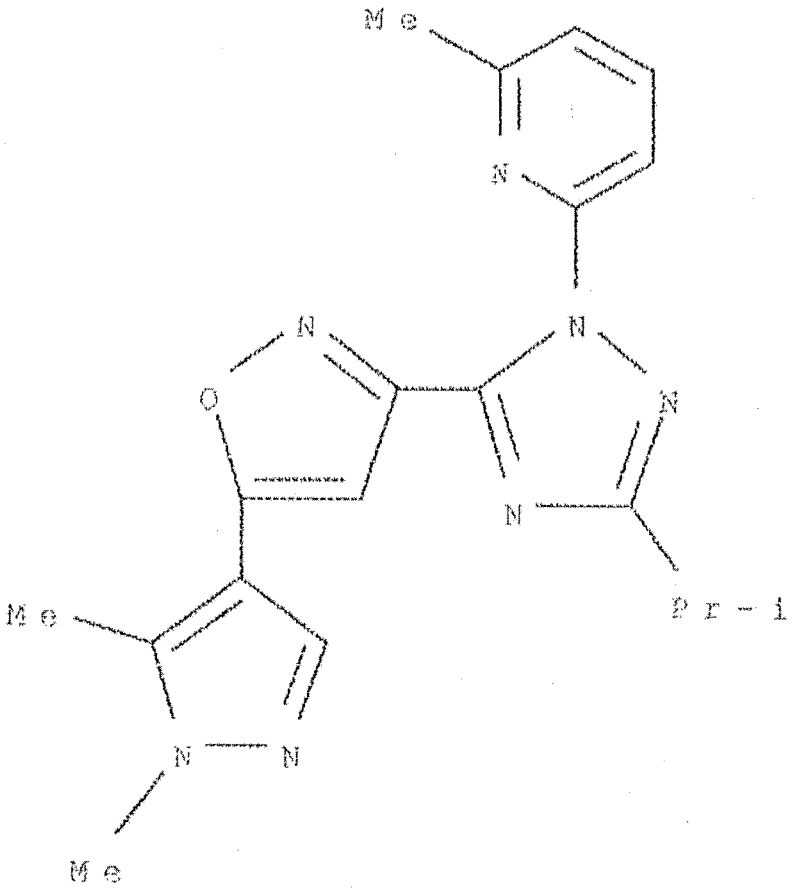
autoimmune thyroiditis, Grave's disease, rheumatoid arthritis, vitiligo, Crohn's disease, ulcerative colitis, inflammatory bowel disease, ankylosing spondylitis, diabetes type I, multiple sclerosis, celiac disease, systemic lupus erythematosus, uveitis, Behcet disease, atopic dermatitis, Lichen planus, Sjögren's syndrome, spinal disc herniation, acne, Graft-versus-Host-Reaction, Host -versus-Graft-Reaction and osteoarthritis.

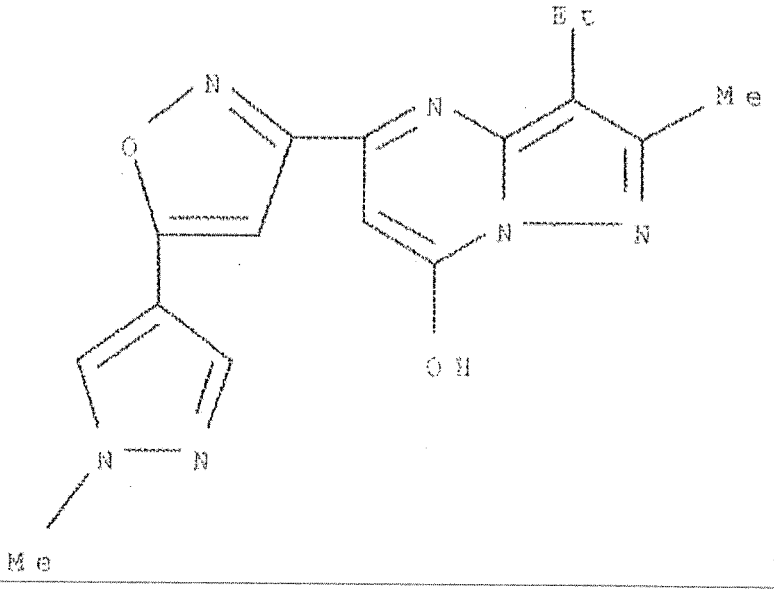
14. Use of the compounds of the formula (I) as defined in any of claims 1 to 11, and of their pharmacologically tolerable salts in the manufacture of a medicament for ~~use in~~ treatment of a disease or a therapeutic indication in which the inhibition of interleukin- 17 (IL-17) and/or Interferon-γ (INF-γ) is beneficial.

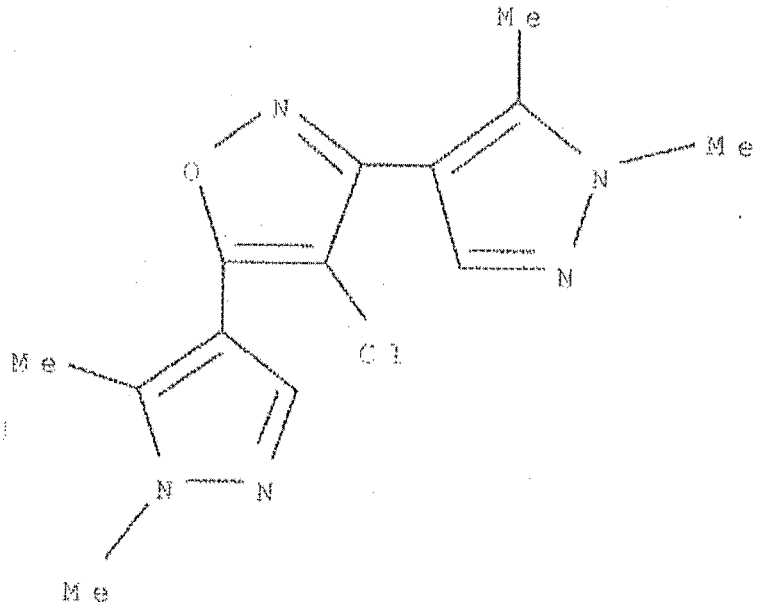
15. The use of claim 14 wherein the disease or indication is selected from the group consisting of psoriasis, psoriatric arthritis, autoimmune thyroiditis, Grave's disease, rheumatoid arthritis, vitiligo, Crohn's disease, ulcerative colitis, inflammatory bowel disease, ankylosing spondylitis, diabetes type I, multiple sclerosis, celiac disease, systemic lupus erythematosus, uveitis, Behcet disease, atopic dermatitis, Lichen planus, Sjögren's syndrome, spinal disc herniation, acne, Graft-versus-Host-Reaction, Host -versus-Graft-Reaction and osteoarthritis.

16. A compound according to claim 1, wherein the compound is not

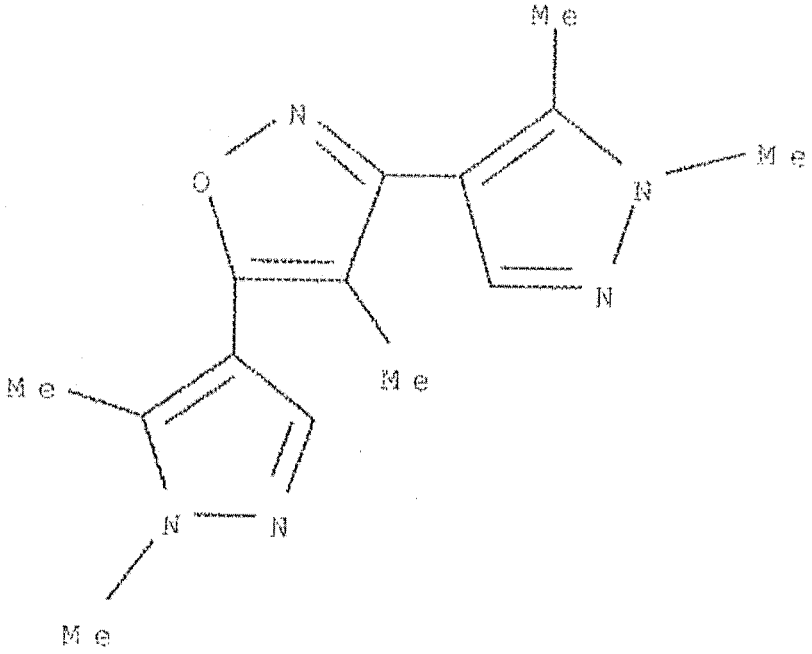



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, or



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17. A compound according to claim 1, wherein R^1 is aryl, heteroaryl, cycloalkyl, heterocyclyl or alkyl, which can be substituted by one or more substituents R', excluding CH_3.

18. A compound according to claim 1, wherein R^1 is aryl, heteroaryl, cycloalkyl, heterocyclyl or selected from the group consisting of $-C_2H_5$, $-CH=CH_2$, $-C\equiv CH$, $-C_3H_7$, $-CH(CH_3)_2$, $-CH_2-CH=CH_2$, $C(CH_3)=CH_2$, $-CH=CH-CH_3$, $-C\equiv C-CH_3$, $-CH_2-$

C≡CH, -C_4H_9, -CH_2-$CH(CH_3)_2$, $CH(CH_3)$-C_2H_5, -$C(CH_3)_3$, -C_5H_{11}, -C_6H_{13}, -C(R')$_3$, -C_2(R')$_5$, -CH_2-C(R')$_3$, -C_3(R')$_7$, -C_2H_4-C(R')$_3$, -C_2H_4-$CH=CH_2$, -CH=CH-C_2H_5, -$CH=C(CH_3)_2$, -CH_2-CH=CH-CH_3, -CH=CH-$CH=CH_2$, -C_2H_4-C≡CH, -C≡C-C_2H_5, -CH_2-C≡C-CH_3, -C≡C-$CH=CH_2$, -CH=CH-C≡CH, -C≡C-C≡CH, -C_2H_4-$CH(CH_3)_2$, -$CH(CH_3)$-C_3H_7, -CH_2-$CH(CH_3)$-C_2H_5, $CH(CH_3)$-$CH(CH_3)_2$, -$C(CH_3)_2$-C_2H_5, -CH_2-$C(CH_3)_3$, -C_3H_6-$CH=CH_2$, -CH=CH-C_3H_7, -C_2H_4-CH=CH-CH_3, -CH_2-CH=CH-C_2H_5, -CH_2-CH=CH-$CH=CH_2$, -CH=CH-CH=CH-CH_3, -CH=CH-CH_2-$CH=CH_2$, -$C(CH_3)$=CH-$CH=CH_2$, -CH=$C(CH_3)$-$CH=CH_2$, -CH=CH-$C(CH_3)=CH_2$, -CH_2-$CH=C(CH_3)_2$, $C(CH_3)=C(CH_3)_2$, C_3H_6-C≡CH, -C≡C-C_3H_7, -C_2H_4-C≡C-CH_3, -CH_2-C≡C-C_2H_5, -CH_2-C≡C-$CH=CH_2$, -CH_2-CH=CH-C≡CH, -CH_2-C≡C-C≡CH, -C≡C-CH=CH-CH_3, -CH=CH-C≡C-CH_3, -C≡C-C≡C-CH_3, -C≡C-CH_2-$CH=CH_2$, -CH=CH-CH_2-C≡CH, -C≡C-CH_2-C≡CH, -$C(CH_3)$=CH-$CH=CH_2$, -CH=$C(CH_3)$-$CH=CH_2$, -CH=CH-$C(CH_3)=CH_2$, -$C(CH_3)$=CH-C≡CH, -CH=$C(CH_3)$-C≡CH, -C≡C-$C(CH_3)=CH_2$, -C_3H_6-$CH(CH_3)_2$, -C_2H_4-$CH(CH_3)$-C_2H_5, -$CH(CH_3)$-C_4H_9, -CH_2-$CH(CH_3)$-C_3H_7, -$CH(CH_3)$-CH_2-$CH(CH_3)_2$, -$CH(CH_3)$-$CH(CH_3)$-C_2H_5, -CH_2-$CH(CH_3)$-$CH(CH_3)_2$, -CH_2-$C(CH_3)_2$-C_2H_5, -$C(CH_3)_2$-C_3H_7, $C(CH_3)_2$-$CH(CH_3)_2$, -C_2H_4-$C(CH_3)_3$, -$CH(CH_3)$-$C(CH_3)_3$, -C_4H_8-$CH=CH_2$, -CH=CH-C_4H_9, -C_3H_6-CH=CH-CH_3, -CH_2-CH=CH-C_3H_7, -C_2H_4-CH=CH-C_2H_5, -CH_2-$C(CH_3)$=$C(CH_3)_2$, -C_2H_4-$CH=C(CH_3)_2$, -C_4H_8-C≡CH, -C≡C-C_4H_9, -C_3H_6-C≡C-CH_3, -CH_2-C≡C-C_3H_7, and -C_2H_4-C≡C-C_2H_5.

19. A compound according to claim 1, wherein Z is F, Br, I, CR"O, -N(R'')$_2$, -CN, -C(S)R'', N=C(R')$_2$, -CO_2R'', -NR'CO_2R'', CONHR'', CON(R'')$_2$, -COSR'', -CSNHR'', CSN(R'')$_2$, SO_2-alkyl, SO_2-haloalkyl, -SO_2NHR'', SO_2(NR'')$_2$, amino or SO_2R''.

20. A compound according to claim 1, wherein Y is halogen, haloalkyl, or alkyl, which can be substituted by one or more substituents R', excluding CH_3.

21. A compound according to claim 1, wherein Y is halogen, haloalkyl, or selected from the group consisting of -C_2H_5, -$CH=CH_2$, -C≡CH, -C_3H_7, -$CH(CH_3)_2$, -CH_2-$CH=CH_2$, $C(CH_3)=CH_2$, -CH=CH-CH_3, -C≡C-CH_3, -CH_2-C≡CH, -C_4H_9, -CH_2-$CH(CH_3)_2$, $CH(CH_3)$-C_2H_5, -$C(CH_3)_3$, -C_5H_{11}, -C_6H_{13}, -C(R')$_3$, -C_2(R')$_5$, -CH_2-C(R')$_3$, -C_3(R')$_7$, -C_2H_4-C(R')$_3$, -C_2H_4-$CH=CH_2$, -CH=CH-C_2H_5, -$CH=C(CH_3)_2$, -CH_2-CH=CH-CH_3, -CH=CH-$CH=CH_2$, -C_2H_4-C≡CH, -C≡C-C_2H_5, -CH_2-C≡C-CH_3, -C≡C-$CH=CH_2$, -CH=CH-C≡CH, -C≡C-C≡CH, -C_2H_4-$CH(CH_3)_2$, -$CH(CH_3)$-C_3H_7, -CH_2-$CH(CH_3)$-

C_2H_5, $CH(CH_3)$-$CH(CH_3)_2$, -$C(CH_3)_2$-C_2H_5, -CH_2-$C(CH_3)_3$, -C_3H_6-CH=CH_2, -CH=CH-C_3H_7, -C_2H_4-CH=CH-CH_3, -CH_2-CH=CH-C_2H_5, -CH_2-CH=CH-CH=CH_2, -CH=CH-CH=CH-CH_3, -CH=CH-CH_2-CH=CH_2, -$C(CH_3)$=CH-CH=CH_2, -CH=$C(CH_3)$-CH=CH_2, -CH=CH-$C(CH_3)$=CH_2, $C(CH_3)$=$C(CH_3)_2$, C_3H_6-C≡CH, -C≡C-C_3H_7, -C_2H_4-C≡C-CH_3, -CH_2-C≡C-C_2H_5, -CH_2-C≡C-CH=CH_2, -CH_2-CH=CH-C≡CH, -CH_2-C≡C-C≡CH, -C≡C-CH=CH-CH_3, -CH=CH-C≡C-CH_3, -C≡C-C≡C-CH_3, -C≡C-CH_2-CH=CH_2, -CH=CH-CH_2-C≡CH, -C≡C-CH_2-C≡CH, -$C(CH_3)$=CH-CH=CH_2, -CH=$C(CH_3)$-CH=CH_2, -CH=CH-$C(CH_3)$=CH_2, -$C(CH_3)$=CH-C≡CH, -CH=$C(CH_3)$-C≡CH, -C≡C-$C(CH_3)$=CH_2, -C_3H_6-$CH(CH_3)_2$, -C_2H_4-$CH(CH_3)$-C_2H_5, -$CH(CH_3)$-C_4H_9, -CH_2-$CH(CH_3)$-C_3H_7, -$CH(CH_3)$-CH_2-$CH(CH_3)_2$, -$CH(CH_3)$-$CH(CH_3)$-C_2H_5, -CH_2-$CH(CH_3)$-$CH(CH_3)_2$, -CH_2-$C(CH_3)_2$-C_2H_5, -$C(CH_3)_2$-C_3H_7, $C(CH_3)_2$-$CH(CH_3)_2$, -C_2H_4-$C(CH_3)_3$, -$CH(CH_3)$-$C(CH_3)_3$, -C_4H_8-CH=CH_2, -CH=CH-C_4H_9, -C_3H_6-CH=CH-CH_3, -CH_2-CH=CH-C_3H_7, -C_2H_4-CH=CH-C_2H_5, -CH_2-$C(CH_3)$=$C(CH_3)_2$, -C_2H_4-CH=$C(CH_3)_2$, -C_4H_8-C≡CH, -C≡C-C_4H_9, -C_3H_6-C≡C-CH_3, -CH_2-C≡C-C_3H_7, and -C_2H_4-C≡C-C_2H_5.