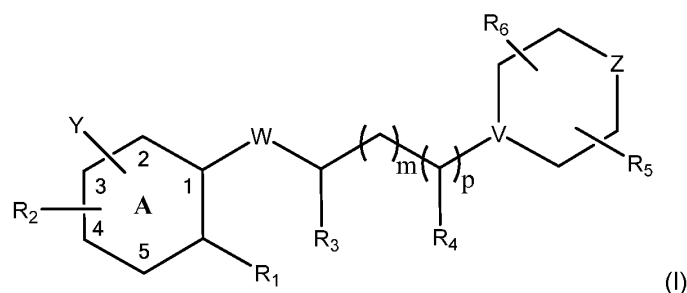


Claims

1. A method of modulating of transient receptor potential channel melastatin member 8 (TRPM8) comprising bringing the receptor into contact with a
 5 compound of formula (I), or a salt or solvate thereof



wherein

ring A represents a phenyl ring, cyclohexyl or cyclohexenyl ring;

R₁ is selected from hydrogen, C₁-C₆ alkyl and C₁-C₆ alkyloxy,

- 10 R₂ is connected to position 3, 4 or 5 of ring A and is selected from hydrogen, halogen, C₁-C₆ alkyl, C₁-C₆ alkyloxy, and C(O)O-C₁-C₃-alkyl,

R₃ is selected from hydrogen, C₁-C₆ alkyl, C₂-C₆ alkenyl, OH, and =O, and R₄ is selected from hydrogen, C₁-C₆ alkyl, C₂-C₆ alkenyl, and OH, with the proviso that at least one of R₃ and R₄ is hydrogen, or

- 15 R₃ and R₁ form together with the carbon atoms to which they are attached a six membered ring system, and R₄ is hydrogen,

R₅ is selected from hydrogen, F and C₁-C₆ alkyl,

R₆ is selected from hydrogen, F and C₁-C₆ alkyl,

m is 0 or 1,

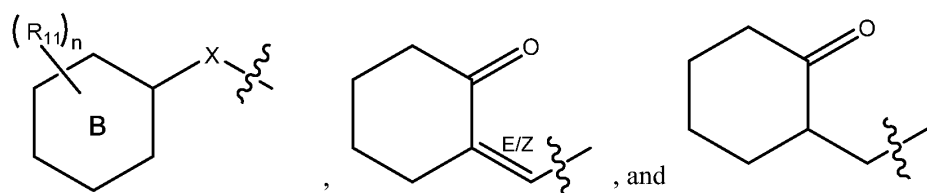
- 20 p is 0 or 1,

W is selected from -CH₂-, -O-, >C=O, -CH=, and >NR₁₃ wherein R₁₃ is selected from hydrogen and C₁-C₃ alkyl,

V is selected from >CH-, and >N-,

Z is selected from $-\text{O}-$, $>\text{S}=\text{O}$, $>\text{CHR}_{12}$, $>\text{NR}_{12}$ wherein R_{12} is hydrogen, $\text{C}_1\text{-C}_3$ alkyl, OH , or CH_2OH ,

Y is connected to position 2 or 3 of ring **A** and is selected from $\text{C}_4\text{-C}_6$ alkyl (e.g. iso-butyl),



wherein

ring **B** represents a phenyl, thiophen, furan, or pyridine ring,

R_{11} is selected from CN , halogen, CH_2CN , NO_2 , NH_2 , CF_3 , $\text{C}(\text{O})\text{OC}_2\text{H}_5$, $\text{C}_1\text{-C}_3$ alkyl, $\text{C}_1\text{-C}_3$ alkyloxy, $\text{C}_2\text{-C}_3$ alkenyl, and OH , and n is an integer from 0 – 5, with the proviso that if $n > 1$, R_{11} can be the same or different,

X is selected from $-\text{CH}_2-$, $-\text{O}-$, $>\text{CH-CH}_3$, $>\text{CH=CH}_2$, $>\text{C=O}$, and $>\text{CHOH}$.

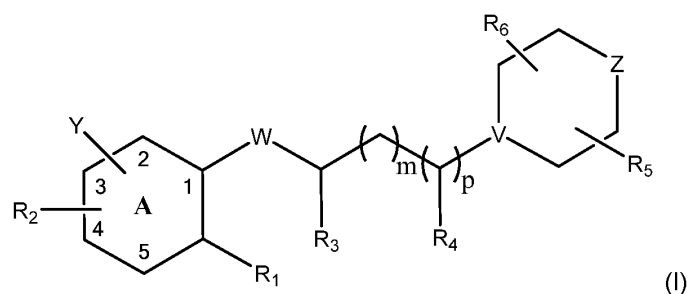
2. A method according to claim 1 wherein the compound of formula (I) is selected from the group consisting of (1-(2-(2-benzyl-4-methylphenoxy)ethyl)piperidin-4-yl)methanol; (5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)(phenyl)methanol; (5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)(phenyl)methanone; (E)-1-(2-((6-benzylidene-2,4-dimethylcyclohex-1-en-1-yl)oxy)ethyl)-4-methylpiperazine; (E)-1-(3-(2-benzyl-4-methylphenyl)allyl)-4-methylpiperazine; 1-(3-(2-benzyl-4-methylphenyl)propyl)-4-methylpiperazine; (E)-2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzylidene)cyclohexan-1-one; (E)-2-(5-methyl-2-(2-morpholinoethoxy)benzylidene)cyclohexan-1-one; 2-(3,5-dimethyl-2-(2-morpholinopropoxy)benzyl)benzonitrile; 2-(3,5-dimethyl-2-((1-morpholinopropan-2-yl)oxy)benzyl)benzonitrile; 1-((8-benzylchroman-2-yl)methyl)-4-methylpiperazine; 1-(2-((2-benzyl-4-methylcyclohexyl)oxy)ethyl)-4-methylpiperazine; 1-(2-((2-benzyl-4-methylcyclohexyl)oxy)ethyl)-4-methylpiperazine dihydrochloride; 1-(2-(2-((5-chlorothiophen-2-yl)methyl)-4-methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(2-bromobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(2-chlorobenzyl)-4-

methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(2-fluorobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(2-iodobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(3-bromobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(3-chlorobenzyl)-4-methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-(4-chlorobenzyl)-4-methylphenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-(furan-2-ylmethyl)-4-methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2,4-dimethyl-6-(2-(trifluoromethyl)benzyl)phenoxy)ethyl)-4-methylpiperazine; 1-(2-(2,4-dimethyl-6-(pyridin-2-ylmethyl)phenoxy)ethyl)-4-methylpiperazine; 1-(2-(2,4-dimethyl-6-(pyridin-3-ylmethyl)phenoxy)ethyl)-4-methylpiperazine; 1-(2-(2,4-dimethyl-6-(pyridin-4-ylmethyl)phenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-3,6-dimethylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-3-methoxyphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-3-methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-4-(tert-butyl)-6-methoxyphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine dihydrochloride; 1-(2-(2-benzyl-4-chlorophenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-benzyl-4-chlorophenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-benzyl-4-ethylphenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-benzyl-4-isopropylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine 2,3-dihydroxysuccinate; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine 2-hydroxypropane-1,2,3-tricarboxylate; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine bis(2,2,2-trifluoroacetate); 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine bis(2-hydroxysuccinate); 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine bis(phosphate); 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine dimaleate; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine dimethanesulfonate; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine oxalate; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine sulfate; 1-(2-(2-benzyl-4-

methylphenoxy)ethyl)piperazine; 1-(2-(2-benzyl-4-methylphenoxy)ethyl)piperidin-4-ol; 1-(2-(2-benzyl-4-methylphenoxy)propyl)-4-methylpiperazine; 1-(2-(2-benzyl-4-methylphenoxy)propyl)-4-methylpiperazine hydrochloride; 1-(2-(2-benzyl-6-methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-benzylphenoxy)ethyl)-4-methylpiperazine hydrochloride; 1-(2-(2-isobutyl-4-methylphenoxy)ethyl)-4-methylpiperazine; 1-(2-(2-isobutyl-4-methylphenoxy)ethyl)-4-methylpiperazine dihydrochloride; 1-(2-benzyl-4-methylphenethyl)-4-methylpiperazine; 1-(2-benzyl-4-methylphenyl)-3-(4-methylpiperazin-1-yl)propan-2-ol; 1-(2-benzyl-4-methylphenyl)-3-(4-methylpiperazin-1-yl)propan-2-one; 1-(3-(2-benzyl-4-methylphenoxy)propyl)-4-methylpiperazine hydrochloride; 1-(3-(2-benzyl-4-methylphenyl)propyl)-4-methylpiperazine; 1-methyl-4-(2-(4-methyl-2-(1-phenylethyl)phenoxy)ethyl)piperazine; 1-methyl-4-(2-(4-methyl-2-(1-phenylvinyl)phenoxy)ethyl)piperazine; 1-methyl-4-(2-(4-methyl-2-(2-methylbenzyl)phenoxy)ethyl)piperazine; 1-methyl-4-(2-(4-methyl-2-(3-methylbenzyl)phenoxy)ethyl)piperazine; 1-methyl-4-(2-(4-methyl-2-(thiophen-2-ylmethyl)phenoxy)ethyl)piperazine hydrochloride; 2-(2-((1-hydroxypropan-2-yl)oxy)-3,5-dimethylbenzyl)benzonitrile; 2-(2-(2-hydroxy-3-morpholinopropyl)-5-methylphenoxy)benzonitrile; 2-(2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)phenyl)acetonitrile; 2-(2,4-dimethyl-5-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile; 2-(2,6-difluorobenzyl)-4-methyl-N-(2-morpholinoethyl)aniline; 2-(2,6-difluorobenzyl)-N,4,6-trimethyl-N-(2-morpholinoethyl)aniline; 2-(2,6-difluorobenzyl)-N,4-dimethyl-N-(2-morpholinoethyl)aniline; 2-(2-fluorobenzyl)-N,4,6-trimethyl-N-(2-morpholinoethyl)aniline; 2-(2-fluorobenzyl)-N,4-dimethyl-N-(2-morpholinoethyl)aniline; 2-(3,5-dimethyl-2-((1-(4-methylpiperazin-1-yl)propan-2-yl)oxy)benzyl)benzonitrile; 2-(3,5-dimethyl-2-((1-(4-methylpiperazin-1-yl)propan-2-yl)oxy)benzyl)benzonitrile hydrochloride; 2-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile; 2-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile hydrochloride; 2-(3,5-dimethyl-2-(2-(2-(tetrahydro-2H-pyran-4-yl)ethoxy)benzyl)benzonitrile; 2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)-3-fluorobenzonitrile; 2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)aniline; 2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile; 2-(3,5-dimethyl-2-(2-

morpholinoethoxy)benzyl)benzonitrile hydrochloride; 2-(3,5-dimethyl-2-(3-morpholinopropoxy)benzyl)benzonitrile; 2-(3,5-dimethyl-2-(3-morpholinopropyl)phenoxy)benzonitrile; 2-(3,5-dimethyl-2-(methyl(2-morpholinoethyl)amino)benzyl)benzonitrile; 2-(4-methyl-2-(3-(4-methylpiperazin-1-yl)propyl)phenoxy)benzonitrile; 2-(5-methyl-2-(2-(1-methylpiperidin-4-yl)ethoxy)benzyl)benzonitrile; 2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile; 2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile dihydrochloride; 2-(5-methyl-2-(2-morpholinoethoxy)benzyl)cyclohexan-1-one; 2-(5-methyl-2-(2-morpholinopropoxy)benzyl)benzonitrile; 2-(5-methyl-2-(3-(4-methylpiperazin-1-yl)propyl)phenoxy)benzonitrile; 2-(5-methyl-2-(3-(4-methylpiperazin-1-yl)propyl)phenoxy)benzonitrile hydrochloride; 2-benzyl-4-methyl-N-(2-(4-methylpiperazin-1-yl)ethyl)aniline; 2-benzyl-4-methylphenyl 2-(4-methylpiperazin-1-yl)acetate; 2-benzyl-N,4-dimethyl-N-(2-(4-methylpiperazin-1-yl)ethyl)aniline; 2-benzyl-N,4-dimethyl-N-(2-morpholinoethyl)aniline; 3-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile dihydrochloride; 3-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)aniline; 3-bromo-2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile; 3-chloro-2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile; 4-(1-(2-(2,6-difluorobenzyl)-4,6-dimethylphenoxy)propan-2-yl)morpholine; 4-(2-(2-(1-(2-fluorophenyl)ethyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(1-(2-fluorophenyl)vinyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(2,4-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(2,5-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(2,6-dichlorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(2,6-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(2,6-difluorobenzyl)-4,6-dimethylphenoxy)propyl)morpholine; 4-(2-(2-(2,6-difluorobenzyl)-4-methylphenoxy)ethyl)morpholine; 4-(2-(2-(2-chlorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(2-fluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2-(3,5-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine; 4-(2-(2,4-dimethyl-5-((perfluorophenyl)methyl)phenoxy)ethyl)morpholine; 4-(2-(2,4-dimethyl-6-(2,4,5-trifluorobenzyl)phenoxy)ethyl)morpholine; 4-(2-(2,4-dimethyl-6-(2-nitrobenzyl)phenoxy)ethyl)morpholine; 4-(2-(2-benzyl-4-methylphenoxy)ethyl)-

- 1,2,6-trimethylpiperazine; 4-(2-(2-benzyl-4-methylphenoxy)ethyl)morpholine hydrochloride; 4-(2-(2-benzyl-4-methylphenoxy)ethyl)thiomorpholine 1-oxide; 4-(2-(2-ethyl-6-(2-fluorobenzyl)-4-methylphenoxy)ethyl)morpholine; 4-(3-(2-(2-fluorophenoxy)-4,6-dimethylphenyl)propyl)morpholine; 4-methyl-2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)phenol; ethyl 4-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzoate dihydrochloride; and methyl 3-benzyl-4-(2-(4-methylpiperazin-1-yl)ethoxy)benzoate.
3. A non-medical method of inducing a cooling sensation in a human or animal comprising contacting the human or animal with a compound of formula (I), or a salt or solvate thereof, as defined in claim 1.
4. A method of achieving a cooling effect on the skin or mucosa comprising contacting the skin or mucosa with a product comprising one or more compounds of formula (I) as defined in claim 1.
5. A consumer product comprising one or more compounds of formula (I) as defined in claim 1.
6. The compound of formula (I) as defined in claim 1, for use in providing cooling sensation.
7. A composition comprising a cool sensation wherein the composition comprises a compound of formula (I) as defined in claim 1.
8. A compound of formula (I), a salt or solvate thereof



30 wherein

ring **A** represents a phenyl ring, cyclohexyl or cyclohexenyl ring;

R_1 is selected from hydrogen, C_1 - C_6 alkyl and C_1 - C_6 alkyloxy,

R_2 is connected to position 3, 4 or 5 of ring **A** and is selected from C_1 - C_6 alkyl, C_1 - C_6 alkyloxy, and $C(O)O$ - C_1 - C_3 -alkyl,

5 R_3 is selected from hydrogen, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, OH, and =O, and R_4 is selected from hydrogen, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, and OH, with the proviso that at least one of R_3 and R_4 is hydrogen, or

R_3 and R_1 form together with the carbon atoms to which they are attached a six membered ring system, and R_4 is hydrogen,

10 R_5 is selected from hydrogen, F and C_1 - C_6 alkyl,

R_6 is selected from hydrogen, F and C_1 - C_6 alkyl,

m is 0,

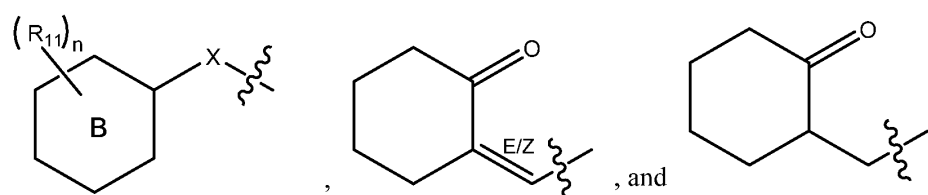
p is 1,

15 W is selected from $-CH_2-$, $-O-$, $>C=O$, $-CH=$, and $>NR_{13}$ wherein R_{13} is selected from hydrogen and C_1 - C_3 alkyl,

V is selected from $>CH-$, and $>N-$,

Z is selected from $-O-$, $>S=O$, $>CHR_{12}$, $>NR_{12}$ wherein R_{12} is hydrogen, C_1 - C_3 alkyl, OH, or CH_2OH ,

20 Y is connected to position 2 or 3 of ring **A** and is selected from C_4 - C_6 alkyl (e.g. iso-butyl),



wherein

ring **B** represents a phenyl, thiophen, furan, or pyridine ring,

25 R_{11} is selected from CN, halogen, CH_2CN , NO_2 , NH_2 , CF_3 , $C(O)OC_2H_5$, C_1 - C_3 alkyl, C_1 - C_3 alkyloxy, C_2 - C_3 alkenyl, and OH, and n is an integer from 0 – 5, with the proviso that if $n > 1$, R_{11} can be the same or different,

X is selected from $-\text{CH}_2-$, $-\text{O}-$, $>\text{CH}-\text{CH}_3$, $>\text{CH}=\text{CH}_2$, $>\text{C}=\text{O}$, and $>\text{CHOH}$,
with the proviso that compound of formula (I) is not 1-(3-(2-benzyl-4-methylphenyl)propyl)-4-methylpiperazine.

- 5 9. The compound of formula (I), a salt or solvate thereof according to claim 9,
selected from (1-(2-(2-benzyl-4-methylphenoxy)ethyl)piperidin-4-yl)methanol,
(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)(phenyl)methanol,
(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)(phenyl)methanone,
(E)-1-(2-((6-benzylidene-2,4-dimethylcyclohex-1-en-1-yl)oxy)ethyl)-4-
10 methylpiperazine,
(E)-1-(3-(2-benzyl-4-methylphenyl)allyl)-4-methylpiperazine,
(E)-2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzylidene)cyclohexan-1-
one,
(E)-2-(5-methyl-2-(2-morpholinoethoxy)benzylidene)cyclohexan-1-one,
15 2-(3,5-dimethyl-2-(2-morpholinopropoxy)benzyl)benzonitrile,
2-(3,5-dimethyl-2-((1-morpholinopropan-2-yl)oxy)benzyl)benzonitrile,
1-((8-benzylchroman-2-yl)methyl)-4-methylpiperazine,
1-(2-((2-benzyl-4-methylcyclohexyl)oxy)ethyl)-4-methylpiperazine,
1-(2-((2-benzyl-4-methylcyclohexyl)oxy)ethyl)-4-methylpiperazine
20 dihydrochloride,
1-(2-(2-((5-chlorothiophen-2-yl)methyl)-4-methylphenoxy)ethyl)-4-
methylpiperazine,
1-(2-(2-(2-bromobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-(2-chlorobenzyl)-4-methylphenoxy)ethyl)-4-methylpiperazine,
25 1-(2-(2-(2-fluorobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-(2-iodobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-(3-bromobenzyl)-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-(3-chlorobenzyl)-4-methylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-(4-chlorobenzyl)-4-methylphenoxy)ethyl)-4-methylpiperazine
30 hydrochloride,
1-(2-(2-(furan-2-ylmethyl)-4-methylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2,4-dimethyl-6-(2-(trifluoromethyl)benzyl)phenoxy)ethyl)-4-
methylpiperazine,
1-(2-(2,4-dimethyl-6-(pyridin-2-ylmethyl)phenoxy)ethyl)-4-methylpiperazine,

- 1-(2-(2,4-dimethyl-6-(pyridin-3-ylmethyl)phenoxy)ethyl)-4-methylpiperazine,
1-(2-(2,4-dimethyl-6-(pyridin-4-ylmethyl)phenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzyl-3,6-dimethylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzyl-3-methoxyphenoxy)ethyl)-4-methylpiperazine,
5 1-(2-(2-benzyl-3-methylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzyl-4-(tert-butyl)-6-methoxyphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzyl-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzyl-4,6-dimethylphenoxy)ethyl)-4-methylpiperazine dihydrochloride,
1-(2-(2-benzyl-4-chlorophenoxy)ethyl)-4-ethylpiperazine hydrochloride,
10 1-(2-(2-benzyl-4-chlorophenoxy)ethyl)-4-methylpiperazine hydrochloride,
1-(2-(2-benzyl-4-ethylphenoxy)ethyl)-4-methylpiperazine hydrochloride,
1-(2-(2-benzyl-4-isopropylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-ethylpiperazine hydrochloride,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine,
15 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine 2,3-
dihydroxysuccinate,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine 2-hydroxypropane-
1,2,3-tricarboxylate,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine bis(2,2,2-
20 trifluoroacetate),
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine bis(2-
hydroxysuccinate),
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine bis(phosphate),
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine dimaleate,
25 1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine dimethanesulfonate,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine hydrochloride,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine oxalate,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)-4-methylpiperazine sulfate,
1-(2-(2-benzyl-4-methylphenoxy)ethyl)piperazine,
30 1-(2-(2-benzyl-4-methylphenoxy)ethyl)piperidin-4-ol,
1-(2-(2-benzyl-4-methylphenoxy)propyl)-4-methylpiperazine,
1-(2-(2-benzyl-4-methylphenoxy)propyl)-4-methylpiperazine hydrochloride,
1-(2-(2-benzyl-6-methylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-benzylphenoxy)ethyl)-4-methylpiperazine hydrochloride,

- 1-(2-(2-isobutyl-4-methylphenoxy)ethyl)-4-methylpiperazine,
1-(2-(2-isobutyl-4-methylphenoxy)ethyl)-4-methylpiperazine dihydrochloride,
1-(2-benzyl-4-methylphenethyl)-4-methylpiperazine,
1-(2-benzyl-4-methylphenyl)-3-(4-methylpiperazin-1-yl)propan-2-ol,
5 1-(2-benzyl-4-methylphenyl)-3-(4-methylpiperazin-1-yl)propan-2-one,
1-(3-(2-benzyl-4-methylphenoxy)propyl)-4-methylpiperazine hydrochloride,
1-(3-(2-benzyl-4-methylphenyl)propyl)-4-methylpiperazine,
1-methyl-4-(2-(4-methyl-2-(1-phenylethyl)phenoxy)ethyl)piperazine,
1-methyl-4-(2-(4-methyl-2-(1-phenylvinyl)phenoxy)ethyl)piperazine,
10 1-methyl-4-(2-(4-methyl-2-(2-methylbenzyl)phenoxy)ethyl)piperazine,
1-methyl-4-(2-(4-methyl-2-(3-methylbenzyl)phenoxy)ethyl)piperazine,
1-methyl-4-(2-(4-methyl-2-(thiophen-2-ylmethyl)phenoxy)ethyl)piperazine
hydrochloride,
2-(2-((1-hydroxypropan-2-yl)oxy)-3,5-dimethylbenzyl)benzonitrile,
15 2-(2-(2-hydroxy-3-morpholinopropyl)-5-methylphenoxy)benzonitrile,
2-(2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)phenyl)acetonitrile,
2-(2,4-dimethyl-5-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile,
2-(2,6-difluorobenzyl)-4-methyl-N-(2-morpholinoethyl)aniline,
2-(2,6-difluorobenzyl)-N,4,6-trimethyl-N-(2-morpholinoethyl)aniline,
20 2-(2,6-difluorobenzyl)-N,4-dimethyl-N-(2-morpholinoethyl)aniline,
2-(2-fluorobenzyl)-N,4,6-trimethyl-N-(2-morpholinoethyl)aniline,
2-(2-fluorobenzyl)-N,4-dimethyl-N-(2-morpholinoethyl)aniline,
2-(3,5-dimethyl-2-((1-(4-methylpiperazin-1-yl)propan-2-yl)oxy)benzyl)benzonitrile,
25 2-(3,5-dimethyl-2-((1-(4-methylpiperazin-1-yl)propan-2-yl)oxy)benzyl)benzonitrile
hydrochloride,
2-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile,
2-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile
hydrochloride,
30 2-(3,5-dimethyl-2-(2-(tetrahydro-2H-pyran-4-yl)ethoxy)benzyl)benzonitrile,
2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)-3-fluorobenzonitrile,
2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)aniline,
2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile,
2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile hydrochloride,

- 2-(3,5-dimethyl-2-(3-morpholinopropoxy)benzyl)benzonitrile,
2-(3,5-dimethyl-2-(3-morpholinopropyl)phenoxy)benzonitrile,
2-(3,5-dimethyl-2-(methyl(2-morpholinoethyl)amino)benzyl)benzonitrile,
2-(4-methyl-2-(3-(4-methylpiperazin-1-yl)propyl)phenoxy)benzonitrile,
5 2-(5-methyl-2-(2-(1-methylpiperidin-4-yl)ethoxy)benzyl)benzonitrile,
2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile,
2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile
dihydrochloride,
2-(5-methyl-2-(2-morpholinoethoxy)benzyl)cyclohexan-1-one,
10 2-(5-methyl-2-(2-morpholinopropoxy)benzyl)benzonitrile,
2-(5-methyl-2-(3-(4-methylpiperazin-1-yl)propyl)phenoxy)benzonitrile,
2-(5-methyl-2-(3-(4-methylpiperazin-1-yl)propyl)phenoxy)benzonitrile
hydrochloride,
2-benzyl-4-methyl-N-(2-(4-methylpiperazin-1-yl)ethyl)aniline,
15 2-benzyl-4-methylphenyl 2-(4-methylpiperazin-1-yl)acetate,
2-benzyl-N,4-dimethyl-N-(2-(4-methylpiperazin-1-yl)ethyl)aniline,
2-benzyl-N,4-dimethyl-N-(2-morpholinoethyl)aniline,
3-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzonitrile
dihydrochloride,
20 3-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)aniline,
3-bromo-2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile,
3-chloro-2-(3,5-dimethyl-2-(2-morpholinoethoxy)benzyl)benzonitrile,
4-(1-(2-(2,6-difluorobenzyl)-4,6-dimethylphenoxy)propan-2-yl)morpholine,
4-(2-(2-(1-(2-fluorophenyl)ethyl)-4,6-dimethylphenoxy)ethyl)morpholine,
25 4-(2-(2-(1-(2-fluorophenyl)vinyl)-4,6-dimethylphenoxy)ethyl)morpholine,
4-(2-(2-(2,4-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,
4-(2-(2-(2,5-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,
4-(2-(2-(2,6-dichlorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,
4-(2-(2-(2,6-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,
30 4-(2-(2-(2,6-difluorobenzyl)-4,6-dimethylphenoxy)propyl)morpholine,
4-(2-(2-(2,6-difluorobenzyl)-4-methylphenoxy)ethyl)morpholine,
4-(2-(2-(2-chlorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,
4-(2-(2-(2-fluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,
4-(2-(2-(3,5-difluorobenzyl)-4,6-dimethylphenoxy)ethyl)morpholine,

4-(2-(2,4-dimethyl-5-((perfluorophenyl)methyl)phenoxy)ethyl)morpholine,
4-(2-(2,4-dimethyl-6-(2,4,5-trifluorobenzyl)phenoxy)ethyl)morpholine,
4-(2-(2,4-dimethyl-6-(2-nitrobenzyl)phenoxy)ethyl)morpholine,
4-(2-(2-benzyl-4-methylphenoxy)ethyl)-1,2,6-trimethylpiperazine,
5 4-(2-(2-benzyl-4-methylphenoxy)ethyl)morpholine hydrochloride,
4-(2-(2-benzyl-4-methylphenoxy)ethyl)thiomorpholine 1-oxide,
4-(2-(2-ethyl-6-(2-fluorobenzyl)-4-methylphenoxy)ethyl)morpholine,
4-(3-(2-(2-fluorophenoxy)-4,6-dimethylphenyl)propyl)morpholine,
4-methyl-2-(5-methyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)phenol,
10 ethyl 4-(3,5-dimethyl-2-(2-(4-methylpiperazin-1-yl)ethoxy)benzyl)benzoate
dihydrochloride, and
methyl 3-benzyl-4-(2-(4-methylpiperazin-1-yl)ethoxy)benzoate.

10. A pharmaceutical composition comprising one or more compounds of formula (I)
15 as defined in claim 8.

11. The compound of formula (I) as defined in claim 8 for use as medicament.