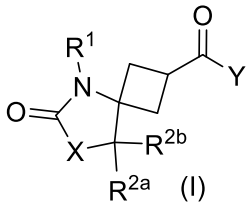
CLAIMS

What is claimed

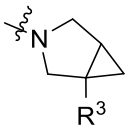
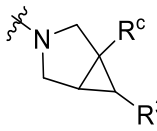
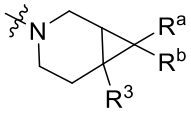
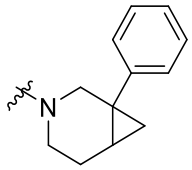
1. A compound of Formula (I),



(I)

wherein

X is CH_2 or O;

Y is selected from the group consisting of: , , , and ;

R^1 is H;

R^{2a} and R^{2b} are each independently H;

R^3 is selected from the group consisting of: 2,3-dihydro-1H-indene; pyridyl substituted with C_{1-6}alkyl; phenyl; and phenyl substituted with one or two members each independently selected from the group consisting of: halo, C_{1-6}alkyl, C_{1-6}alkyl substituted with OH, C_{1-6}alkyl substituted with CO_2H, C_{1-6}haloalkyl, OC_{1-6}haloalkyl, C_{3-6}cycloalkyl, O-phenyl, and C_{3-6}cycloalkyl substituted with CH_3;

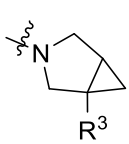
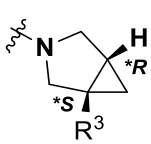
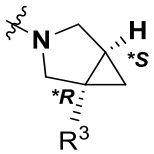
R^a and R^b are each independently selected from the group consisting of: H and halo; and

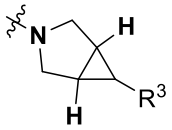
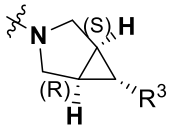
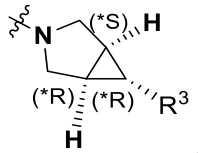
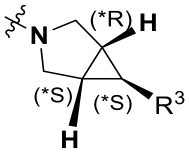
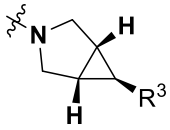
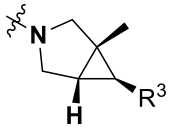
R^c is H or CH_3;

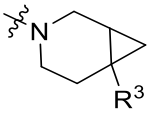
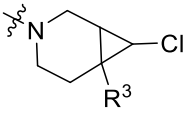
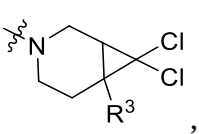
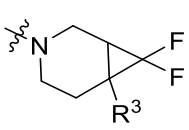
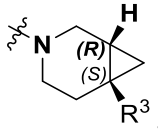
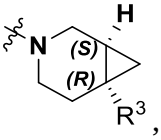
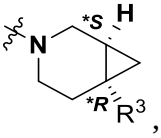
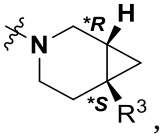
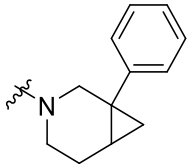
and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers thereof.

2. A compound as claimed in claim 1, wherein X is CH_2.

3. A compound as claimed in claim 1, wherein X is O.

4. A compound as claimed in claim 1, wherein Y is , , or .

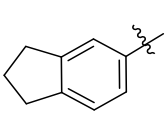
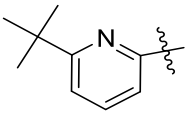
5. A compound as claimed in claim 1, wherein Y is , , , , , or .

6. A compound as claimed in claim 1, wherein Y is , , , , , , , , or .

7. A compound as claimed in claim 1, wherein R^a and R^b are H.

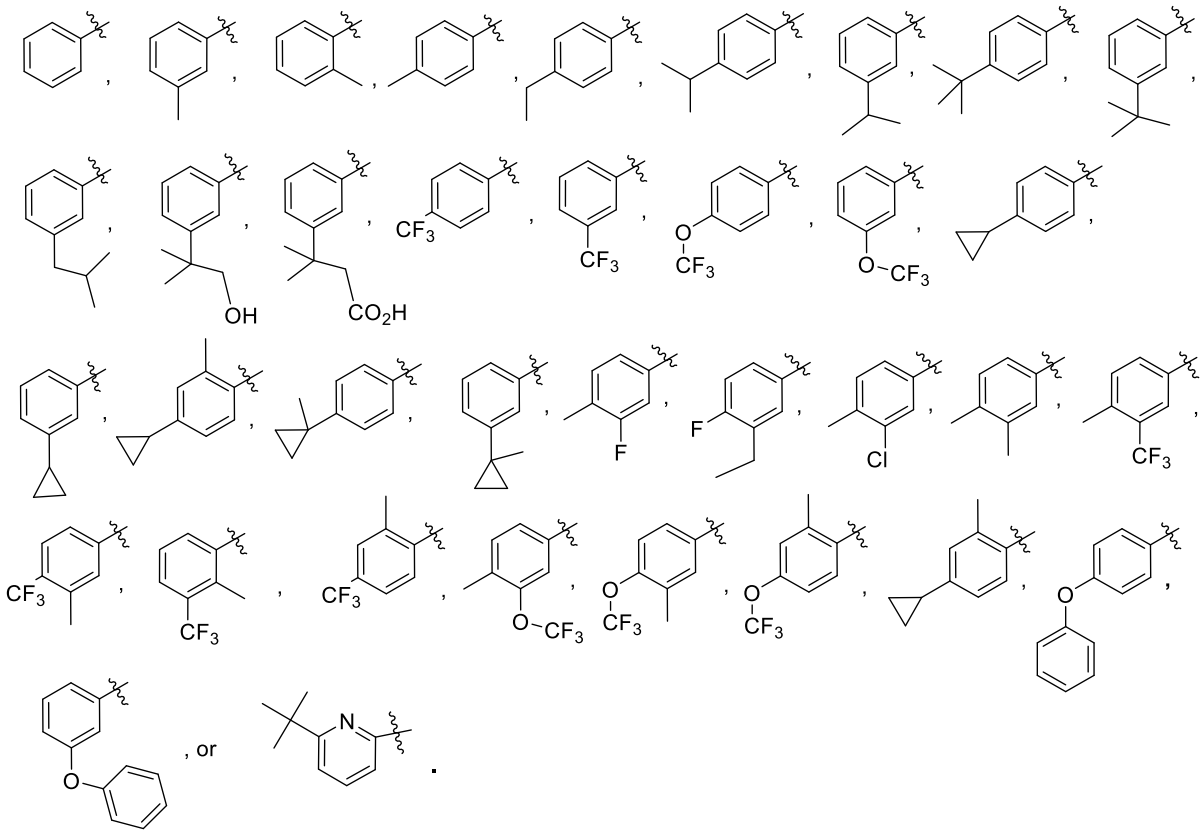
8. A compound as claimed in claim 1, wherein R^a and R^b are each independently selected from the group consisting of: H and Cl.

9. A compound as claimed in claim 1, wherein R^a and R^b are F.

10. A compound as claimed in claim 1, wherein R^3 is  or .

11. A compound as claimed in claim 1, wherein R^3 is phenyl, or phenyl substituted with one or two members each independently selected from the group consisting of: Cl, F, CH_3, CH_2CH_3, $CH(CH_3)_2$, $C(CH_3)_3$, $CH_2CH(CH_3)_2$, $C(CH3)_2CH_2OH$, $C(CH_3)_2CH_2CO_2H$, CF_3, OCF_3, cyclopropyl, cyclopropyl substituted with CH_3, and O-phenyl.

12. A compound as claimed in claim 1, wherein R^3 is



13. A compound as claimed in claim 1, wherein R^3 is 3-tert-butylphenyl, 4-tert-butylphenyl, 4-methyl-3-trifluoromethylphenyl, or 3,4-dimethylphenyl.

14. A compound selected from the group consisting of:

(rac)-(2s,4s)-2-(1-(p-Tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*R)-2-((1*S,5*R)-1-(p-Tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*S)-2-((1*R,5*S)-1-(p-Tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-Phenyl-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*S)-2-((1*R,5*S)-1-(3-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*R)-2-((1*S,5*R)-1-(3-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*S)-2-((1*R,5*S)-1-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*R)-2-((1*S,5*R)-1-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(1-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(1-(4-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2r,4*S)-2-((1*R,5*S)-1-(4-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2r,4*R)-2-((1*S,5*R)-1-(4-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Cyclopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-Cyclopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(o-Tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(m-Tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-(Trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-(Trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-Methyl-3-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(1-(4-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-Phenoxyphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Phenoxyphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Chloro-4-methylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(4-Cyclopropyl-2-methylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(2-Methyl-4-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(2-Methyl-4-(trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Methyl-4-(trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Methyl-4-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-(3-Fluoro-4-methylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-Phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,6S)-6-Phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4R)-2-((1S,6R)-6-Phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(7,7-Difluoro-6-phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(m-Tolyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*R)-2-((1*S,6*R)-6-(m-Tolyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*S)-2-((1*R,6*S)-6-(m-Tolyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-Fluoro-4-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*R)-2-((1*S,6*R)-6-(3-Fluoro-4-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*S)-2-((1*R,6*S)-6-(3-Fluoro-4-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*R)-2-((1*S,6*R)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4*S)-2-((1*R,6*S)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(o-Tolyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(4-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(p-Tolyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-(Trifluoromethyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-(tert-Butyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(3-(tert-Butyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-(tert-Butyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(4-(tert-Butyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-Cyclopropylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(3-Cyclopropylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-Cyclopropylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-Chloro-4-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(3-Chloro-4-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(4-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-Cyclopropyl-2-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(3-Isopropylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-Isopropylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(6-(4-Methyl-3-(trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2r,4s)-2-(6-(4-Methyl-3-(trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4s)-2-(1-Phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(3-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2r,4S)-2-((1R,5S,6S)-6-(3-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2r,4S)-2-((1R,5S,6S)-6-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(4-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2r,4S)-2-((1R,5S,6S)-6-(4-(tert-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(3-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(4-Methyl-3-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(4-Ethylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2r,4S)-2-((1R,5S,6S)-6-(4-Ethylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(3,4-Dimethylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2r,4S)-2-((1R,5S,6S)-6-(3,4-Dimethylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2r,4S)-2-((1R,5S,6S)-6-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2s,4S)-2-((1R,5S,6S)-6-(2,3-Dihydro-1H-inden-5-yl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(rac)-(2s,4*S)-2-((1*R,5*S,6*R)-6-(3-(tert-Butyl)phenyl)-1-methyl-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4*s*)-2-(1-(4-Ethylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*r*,4**S*)-2-((1***R*,5***S*)-1-(4-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2*r*,4*R*)-2-((1*S*,5*R*)-1-(4-(1-Methylcyclopropyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-1-Methyl-6-(*o*-tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(*o*-Tolyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-6-(3-(*tert*-Butyl)phenyl)-1-methyl-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*R*)-2-((1*S*,5*R*,6*S*)-6-(3-(*tert*-Butyl)phenyl)-1-methyl-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-Isobutylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-6-(3,4-Dimethylphenyl)-1-methyl-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(*tert*-Butyl)phenyl-5-D)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(1-Hydroxy-2-methylpropan-2-yl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

2-Methyl-2-(3-((1*R*,5*S*,6*S*)-3-((2*s*,4*S*)-6-oxo-7-oxa-5-azaspiro[3.4]octane-2-carbonyl)-3-azabicyclo[3.1.0]hexan-6-yl)phenyl)propanoic acid;

(*rac*)-(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-1-Methyl-6-(3-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-1-Methyl-6-(4-(trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-6-(4-Cyclopropylphenyl)-1-methyl-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(4-Cyclopropyl-2-methylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-Chloro-4-methylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-Ethyl-4-fluorophenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4**S*)-2-((1**R*,5**S*,6**R*)-1-Methyl-6-(4-methyl-3-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(2-Methyl-3-(trifluoromethyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4**S*)-2-((1**R*,5**S*,6**R*)-1-Methyl-6-(4-methyl-3-(trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(4-Methyl-3-(trifluoromethoxy)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*R*)-6-(6-(*tert*-Butyl)pyridin-2-yl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4**R*)-2-((1**S*,6**R*)-6-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4**S*)-2-((1**R*,6**S*)-6-(4-(Trifluoromethyl)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*r*,4**S*)-2-((1**R*,6**S*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2*r*,4**R*)-2-((1**S*,6**R*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2*r*,4**S*)-2-((1**R*,6**S*)-6-(4-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(2*r*,4**R*)-2-((1**S*,6**R*)-6-(4-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

(*rac*)-(2*s*,4*s*)-2-(7-Chloro-6-phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one; and

(*rac*)-(2*s*,4*s*)-2-(7,7-Dichloro-6-phenyl-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one

and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers thereof.

15. A compound selected from the group consisting of:

(*rac*)-(2*s*,4*s*)-2-(1-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4**R*)-2-((1**S*,6**R*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4**S*)-2-((1**R*,6**S*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one;

(2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(*tert*-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one; and

(2*r*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(*tert*-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one;

and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers.

16. A compound as claimed in claim 14, wherein the compound is (*rac*)-(2*s*,4*s*)-2-(1-(4-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

17. A compound as claimed in claim 14, wherein the compound is (2*s*,4**R*)-2-((1**S*,5**R*)-1-(3-Isopropylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

18. A compound as claimed in claim 14, wherein the compound is (2*s*,4**R*)-2-((1**S*,6**R*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

19. A compound as claimed in claim 14, wherein the compound is (2*s*,4**S*)-2-((1**R*,6**S*)-6-(3-(Trifluoromethoxy)phenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

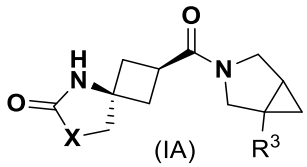
20. A compound as claimed in claim 14, wherein the compound is (2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-Chloro-4-methylphenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

21. A compound as claimed in claim 14, wherein the compound is (2*s*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(*tert*-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

22. A compound as claimed in claim 14, wherein the compound is (2*s*,4**S*)-2-((1**R*,6**S*)-6-(3-Fluoro-4-methylphenyl)-3-azabicyclo[4.1.0]heptane-3-carbonyl)-7-oxa-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

23. A compound as claimed in claim 14, wherein the compound is (2*r*,4*S*)-2-((1*R*,5*S*,6*S*)-6-(3-(*tert*-Butyl)phenyl)-3-azabicyclo[3.1.0]hexane-3-carbonyl)-5-azaspiro[3.4]octan-6-one, and pharmaceutically acceptable salts thereof.

24. The compound of claim 1, and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers thereof, having the structure of Formula (IA):

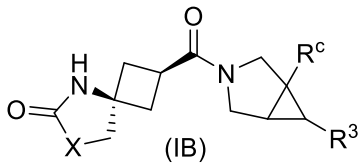


wherein

X is CH_2 or O; and

R^3 is selected from the group consisting of: phenyl; phenyl substituted with one or two members each independently selected from the group consisting of: halo, $C_{1\text{-}6}$alkyl, $C_{1\text{-}6}$haloalkyl, $OC_{1\text{-}6}$haloalkyl, $C_{3\text{-}6}$cycloalkyl, O-phenyl, and $C_{3\text{-}6}$cycloalkyl substituted with CH_3.

25. The compound of claim 1, and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers thereof , having the structure of Formula (IB):



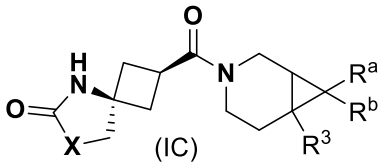
wherein

X is CH_2 or O;

R^3 is selected from the group consisting of: 2,3-dihydro-1*H*-indene; pyridyl substituted with $C_{1\text{-}6}$alkyl; phenyl substituted with one or two members each independently selected from the group consisting of: halo, $C_{1\text{-}6}$alkyl, $C_{1\text{-}6}$alkyl substituted with OH, $C_{1\text{-}6}$alkyl substituted with CO_2H, $C_{1\text{-}6}$haloalkyl, $OC_{1\text{-}6}$haloalkyl and cyclopropyl; and

R^c is H or CH_3.

26. The compound of claim 1, and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers thereof , having the structure of Formula (IC):



(IC)

wherein

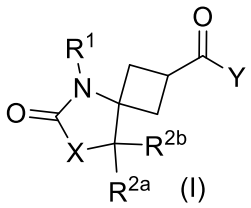
X is CH_2 or O;

R^3 is selected from the group consisting of: phenyl; phenyl substituted with one or two members each independently selected from the group consisting of: halo, $C_{1\text{-}6}$alkyl, $C_{1\text{-}6}$haloalkyl, $OC_{1\text{-}6}$haloalkyl, $C_{3\text{-}6}$cycloalkyl, and $C_{3\text{-}6}$cycloalkyl substituted with CH_3; and

R^a and R^b are each independently selected from the group consisting of: H, Cl and F.

27. A pharmaceutical composition comprising:

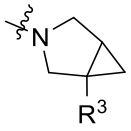
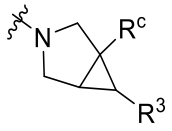
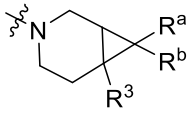
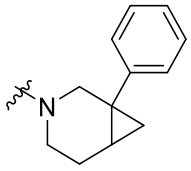
(A) a therapeutically effective amount of at least one compound of Formula (I):



(I)

wherein

X is CH_2 or O;

Y is selected from the group consisting of:  ,  ,  , and  ;

R^1 is H;

R^{2a} and R^{2b} are each independently H;

R^3 is selected from the group consisting of: 2,3-dihydro-1H-indene; pyridyl substituted with C_{1-6}alkyl; phenyl; and phenyl substituted with one or two members each independently selected from the group consisting of: halo, C_{1-6}alkyl, C_{1-6}alkyl substituted with OH, C_{1-6}alkyl substituted with CO_2H, C_{1-6}haloalkyl, OC_{1-6}haloalkyl, C_{3-6}cycloalkyl, O-phenyl, and C_{3-6}cycloalkyl substituted with CH_3;

R^a and R^b are each independently selected from the group consisting of: H and halo; and

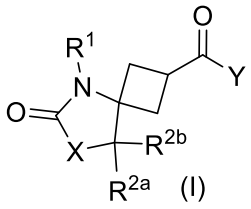
R^c is H or CH_3;

and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers of compounds of Formula (I); and

(B) at least one pharmaceutically acceptable excipient.

28. A pharmaceutical composition comprising a therapeutically effective amount of at least one compound of claim 14 and at least one pharmaceutically acceptable excipient.

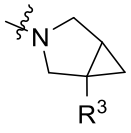
29. A compound of Formula (I):

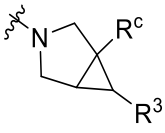


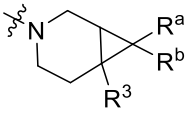
(I)

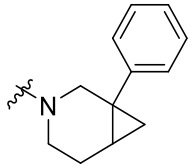
wherein

X is CH_2 or O;

Y is selected from the group consisting of: 

, 

, 

, and 

;

R^1 is H;

R^{2a} and R^{2b} are each independently H;

R^3 is selected from the group consisting of: 2,3-dihydro-1H-indene; pyridyl substituted with C_{1-6}alkyl; phenyl; and phenyl substituted with one or two members each independently selected from the group consisting of: halo, C_{1-6}alkyl, C_{1-6}alkyl substituted with OH, C_{1-6}alkyl substituted with CO_2H, C_{1-6}haloalkyl, OC_{1-6}haloalkyl, C_{3-6}cycloalkyl, O-phenyl, and C_{3-6}cycloalkyl substituted with CH_3;

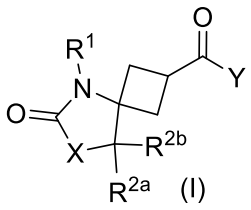
R^a and R^b are each independently selected from the group consisting of: H and halo; and

R^c is H or CH_3;

and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers of compounds of Formula (I)

for use in therapy, wherein a therapeutically effective amount of at least one of the compound is to be administered to a subject in need thereof.

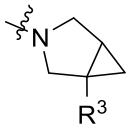
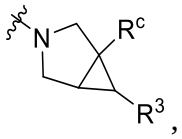
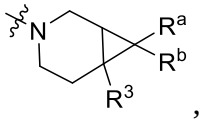
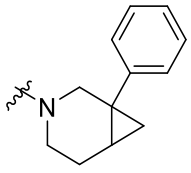
30. Use of a compound of Formula (I):



(I)

wherein

X is CH_2 or O;

Y is selected from the group consisting of:  ,  ,  , and  ;

R^1 is H;

R^{2a} and R^{2b} are each independently H;

R^3 is selected from the group consisting of: 2,3-dihydro-1H-indene; pyridyl substituted with C_{1-6}alkyl; phenyl; and phenyl substituted with one or two members each independently selected from the group consisting of: halo, C_{1-6}alkyl, C_{1-6}alkyl substituted with OH, C_{1-6}alkyl substituted with CO_2H, C_{1-6}haloalkyl, OC_{1-6}haloalkyl, C_{3-6}cycloalkyl, O-phenyl, and C_{3-6}cycloalkyl substituted with CH_3;

R^a and R^b are each independently selected from the group consisting of: H and halo; and

R^c is H or CH_3;

and pharmaceutically acceptable salts, isotopes, N-oxides, solvates, and stereoisomers of compounds of Formula (I)

in the manufacture of a medicament for the treatment of a subject suffering from or diagnosed with a disease, disorder, or condition mediated by MGL receptor activity, wherein a therapeutically effective amount of at least one of the compound is to be administered to the subject.

31. The use of claim 30, wherein the MGL receptor mediated disease, disorder, or condition is selected from the group consisting of: pain, psychiatric conditions, neurological conditions, cancers, and eye conditions.
32. The use of claim 31, wherein the MGL receptor mediated disease, disorder or condition is selected from the group consisting of major depressive disorder, treatment resistant depression, anxious depression, and bipolar disorder.
33. The use of claim 31, wherein the MGL receptor mediated disease, disorder or condition is inflammatory pain.