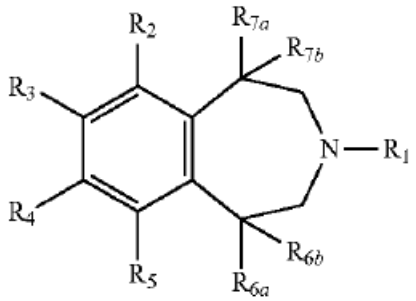
The invention claimed is:

1. A compound of the formula



where

R_1 is selected from the group consisting of H, alkyl, perhaloalkyl, alkanoyl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_2 and R_3 are independently selected from the group consisting of H, halogen, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, CN, OR_8, NR_8R_9, SR_8, $OCOR_{10}$, $CONR_8R_9$, NR_8COR_{10}, $NR_8CO_2R_{10}$, $SO_2NR_8R_9$, SO_2R_{10}, $NR_8SO_2R_{10}$, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_4 and R_5 together with the atoms which they are attached form a 5- or 6-membered carbocycle ring, substituted with R_{14a} and one or more of each of R_{11a}, R_{11b}, R_{12a}, R_{12b}, R_{13a}, R_{13b}, and R_{14b};

R_{6a} and R_{6b} are independently selected from the group consisting of H, C_{1-8}alkyl, OR_8, and heteroaryl; or R_{6a} and R_{6b} taken together are —CH_2CH_2—;

R_{7a} and R_{7b} are independently selected from the group consisting of H, C_{1-8}alkyl, OR_8, aryl, and heteroaryl; or R_{7a} and R_{7b} taken together are —CH_2CH_2—;

R_8 is selected from the group consisting of H, C_{1-8}alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, C_{1-8} alkyl-O—C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkyl-O-aryl, C_{1-8} alkyl-O-heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_9 is selected from the group consisting of H, C_{1-8}alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, C_{1-8} alkyl-O—C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkyl-O-aryl, C_{1-8} alkyl-O-heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_{10} is selected from the group consisting of C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, C_{1-8} alkyl-O—C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkyl-O-aryl, C_{1-8} alkyl-O-heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_{11a} and R_{11b} are independently selected from the group consisting of H, halogen, C_{1-8} alkyl, perhaloalkyl, aryl, and heteroaryl;

R_{12a} and R_{12b} are independently selected from the group consisting of H, halogen, C_{1-8} alkyl, perhalo alkyl, aryl, and heteroaryl

R_{13a} and R_{13b} are independently selected from the group consisting of H, halogen, C_{1-8} alkyl, perhaloalkyl, aryl, and heteroaryl;

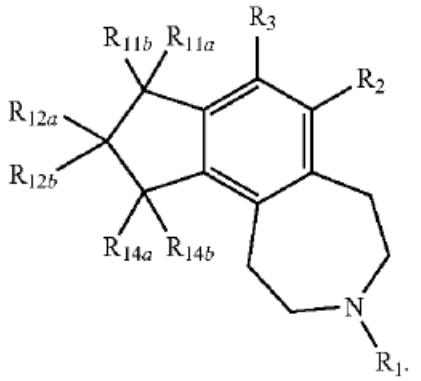
R_{14a} is selected from the group consisting of halogen, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, CN, OR_8, NR_8R_9, SR_8, $OCOR_{10}$, $OCONR_8R_9$, $CONR_8R_9$, NR_8COR_{10}, $NR_8CO_2R_{10}$, $NR_8SO_2R_{10}$, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl,

R_{14b} is selected from the group consisting of H, halogen, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, CN, OR_8, NR_8R_9, SR_8, $OCOR_{10}$, $OCONR_8R_9$, $CONR_8R_9$, NR_8COR_{10}, $NR_8CO_2R_{10}$, $NR_8SO_2R_{10}$, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

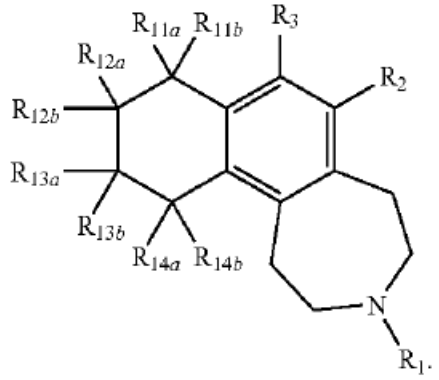
or an isomer or a pharmaceutically acceptable salt thereof.

2. A compound as in claim **1**, wherein R_1 is H.

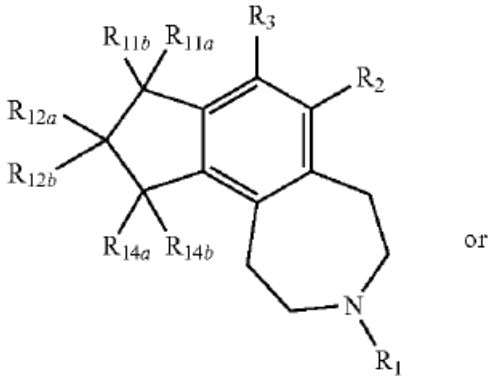
3. A compound as in claim **1** wherein said compound has the formula:



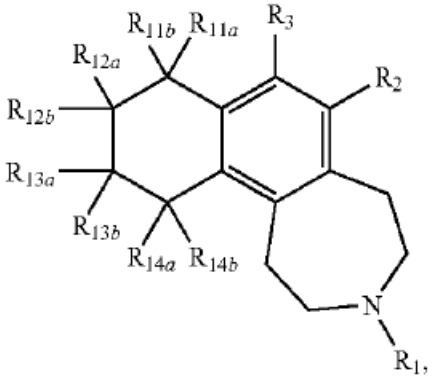
4. A compound as in claim **1** wherein said compound has the formula:



5. A compound as in claim **1**, wherein said compound has one of the formulas:



or



wherein

R_1 is H;

R_2 and R_3 are independently selected from the group consisting of H and halogen;

R_{11a}, R_{11b}, R_{12a}, R_{12b}, R_{13a} and R_{13b} are independently selected from the group consisting of H and halogen;

R_{14a} is selected from the group consisting of halogen, C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl; and

R_{14b} is selected from the group consisting of H, halogen, C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

or a pharmaceutically acceptable salt thereof.

6. A compound according to claim **1**, wherein R_1, R_2, R_3, R_{6a}, R_{6b}, R_{7a}, R_{7b} are H; and R_4 and R_5 together with the atoms which they are attached form a 5-membered carbocycle ring, substituted with R_{14a} and one or more of each of R_{11a}, R_{11b}, R_{12a}, R_{12b}, and R_{14b}.

7. A compound according to claim **6**, wherein R_{11a} and R_{11b} are both H.

8. A compound according to claim **6**, wherein R_{12a} and R_{12b} are both F.

9. A compound according to claim **6**, wherein R_{14a} is aryl and R_{14b} is H.

10. A compound selected from the group consisting of:

1-Methyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e] indene;

1-Ethyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e] indene;

1-Cyclopropyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclo-hepta[e]indene;

1-Propyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e] indene;

4-Chloro-1-ethyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclo-hepta[e]indene;

1-Ethyl-4-iodo-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclo-hepta[e]indene;

1-Ethyl-4-fluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclo-hepta[e]indene;

1-Phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e] indene;

4-Chloro-1-phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cy-clohepta[e]indene;

1-Pyridin-3-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclo-hepta[e]indene;

4-Fluoro-1-pyridin-3-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;

1,1-Dimethyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclo-hepta[e]indene;

2,2-Difluoro-1-phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-o-tolyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-m-tolyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-p-tolyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-(3-trifluoromethyl-phenyl)-1,2,3,6,7,8,9, 10-octahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-(3-trifluoromethoxy-phenyl)-1,2,3,6,7,8, 9,10-octahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-(4-fluoro-phenyl)-1,2,3,6,7,8,9,10-oc-tahydro-8-aza-cyclohepta[e]indene;

2,2-Difluoro-1-(3-fluoro-phenyl)-1,2,3,6,7,8,9,10-oc-tahydro-8-aza-cyclohepta[e]indene;

1-Cyclopropyl-2,2-difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-(3-Chloro-phenyl)-2,2-difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-(4-Chloro-phenyl)-2,2-difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1-(2-methoxy-phenyl)-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1-(3-methoxy-phenyl)-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1-(4-methoxy-phenyl)-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1-pyridin-3-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1-pyridin-4-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
4-Chloro-2,2-difluoro-1-pyridin-3-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-Ethyl-2,2-difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1-methyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-Benzyl-2,2-difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1,1-dimethyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1,1-Dimethyl-4-phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-Ethyl-1,2,7,8,9,10-hexahydro-6H-3-oxa-8-aza-cyclohepta[e]indene;
1-Ethyl-2,3,8,9,10,11-hexahydro-1H,7H-4-oxa-9-aza-cyclohepta[a]naphthalene;
2,2-Difluoro-1-methoxy-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-Phenyl-7,8,9,10-tetrahydro-6H-3-oxa-8-aza-cyclohepta[e]indene;
1-Thiazol-2-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
1-Ethoxy-2,2-difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene;
2,2-Difluoro-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene; and
1-Methoxy-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene.

11. A compound according to claim **1**, wherein said compound is 1-Ethyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene.

12. A compound according to claim **1**, wherein said compound is 1-Phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene.

13. A compound according to claim **1**, wherein said compound is 4-Chloro-1-phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene.

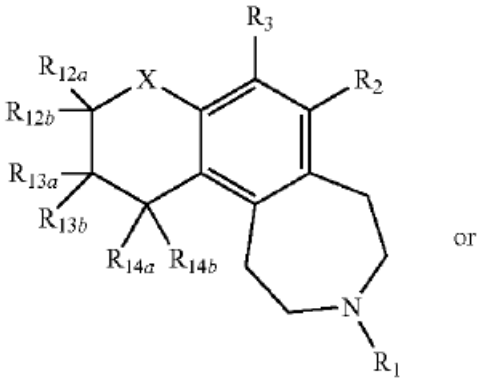
14. A compound according to claim **1**, wherein said compound is 2,2-Difluoro-1-phenyl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene.

15. A compound according to claim **1**, wherein said compound is 4-Chloro-2,2-difluoro-1-pyridin-3-yl-1,2,3,6,7,8,9,10-octahydro-8-aza-cyclohepta[e]indene.

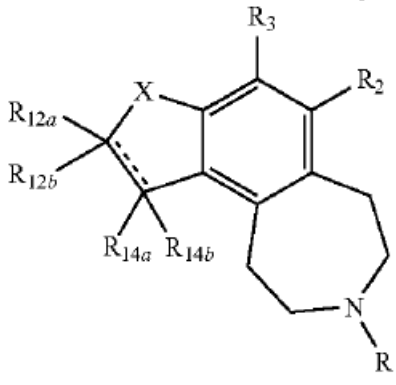
16. A pharmaceutical composition comprising at least one compound of claim **1** and a pharmaceutically acceptable carrier.

17. A method of treating a disease, disorder and/or condition selected from the group consisting of obesity, attention deficit disorder, migraine, Type II diabetes, and epilepsy in a patient in need comprising administering an effective amount of at least one compound of claim **1** to said patient.

18. A compound of the formula



or



where

X is S, SO_2 or O;

R_1 is selected from the group consisting of H, alkyl, perhaloalkyl, alkanoyl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_2 and R_3 are independently selected from the group consisting of H, halogen, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, CN, OR_8, NR_8R_9, SR_8, $OCOR_{10}$, $CONR_8R_9$, NR_8COR_{10}, $NR_8CO_2R_{10}$, $SO_2NR_8R_9$, SO_2R_{10}, $NR_8SO_2R_{10}$, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_8 is selected from the group consisting of H, C_{1-8}alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, C_{1-8} alkyl-O—C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkyl-O-aryl, C_{1-8} alkyl-O-heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_9 is selected from the group consisting of H, C_{1-8}alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, C_{1-8} alkyl-O—C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkyl-O-aryl, C_{1-8} alkyl-O-heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_{10} is selected from the group consisting of C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, C_{1-8} alkyl-O—C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkyl-O-aryl, C_{1-8} alkyl-O-heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_{12a} and R_{12b} are independently selected from the group consisting of H, halogen, C_{1-8} alkyl, perhalo alkyl, aryl, and heteroaryl;

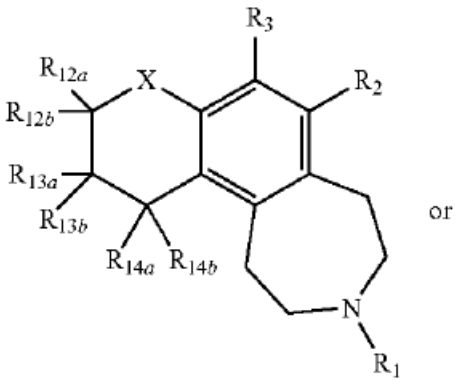
R_{14a} is selected from the group consisting of halogen, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, CN, OR_8, NR_8R_9, SR_8, $OCOR_{10}$, $OCONR_8R_9$, $CONR_8R_9$, NR_8COR_{10}, $NR_8CO_2R_{10}$, $NR_8SO_2R_{10}$, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

R_{14b} is selected from the group consisting of H, halogen, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, perhaloalkyl, CN, OR_8, NR_8R_9, SR_8, $OCOR_{10}$, $OCONR_8R_9$, $CONR_8R_9$, NR_8COR_{10}, $NR_8CO_2R_{10}$, $NR_8SO_2R_{10}$, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl,

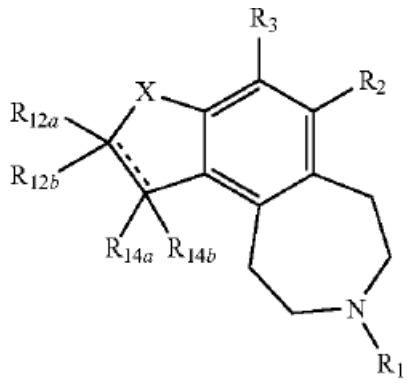
provided that when the - - - is a double bond, then R_{12b} and R_{14b} are not present,

or an isomer or a pharmaceutically acceptable salt thereof.

19. A compound as in claim **18**, wherein said compound has one of the formulas:



or



wherein

X is S, SO_2 or O;

R_1 is H;

R_2 and R_3 are independently selected from the group consisting of H and halogen;

R_{12a}, R_{12b}, R_{13a} and R_{13b} are independently selected from the group consisting of H and halogen;

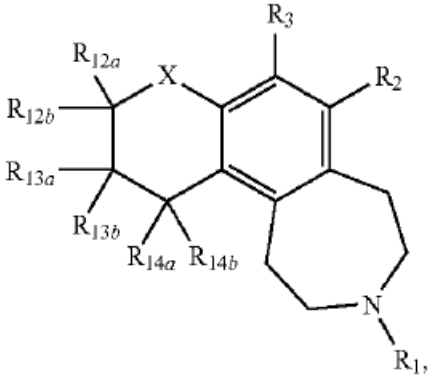
R_{14a} is selected from the group consisting of halogen, C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl; and

R_{14b} is selected from the group consisting of H, halogen, C_{1-8} alkyl, aryl, heteroaryl, C_{1-8} alkylaryl, and C_{1-8} alkylheteroaryl;

provided that when the - - - is a double bond, then R_{12b} and R_{14b} are not present,

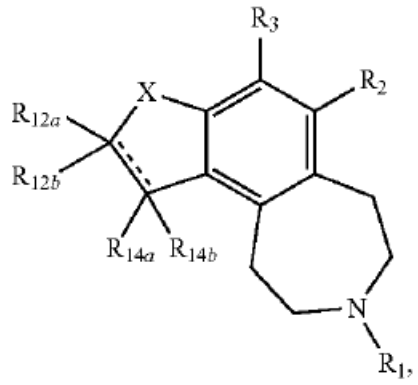
or a pharmaceutically acceptable salt thereof.

20. A compound as in claim **18** wherein said compound has the formula:



wherein X is S, SO_2 or O.

21. A compound as in claim **18** wherein said compound has the formula:



wherein X is S, SO_2 or O.