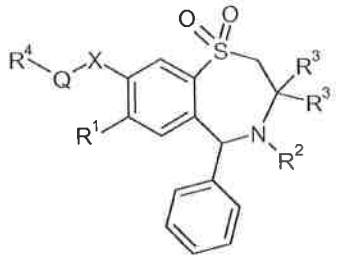
What is claimed is:

1. A compound of Formula I



I

wherein R^1 is H, Cl, Br, $N(CH_3)_2$, or methoxy;
R^2 is H or OH;
each R^3 is independently C_{1-6}alkyl;
X is CH_2, C(O), or CH=CH;
Q is C_{0-6}alkyl;
R^4 is OH, SO_3H, CO_2H, PO_3H_2, $CONR^5R^5$, NR^5R^5; or $NHC(O)CH_2NR^5R^5$;
each R^5 is independently H, OH, C_{1-6}alkyl, C_{0-6}alkylCO_2H, C_{0-6} alkylSO_3H, C_{0-6}alkylPO_3H_2, $C(O)C_{0-6}$alkylCO_2H, $C(O)C_{0-6}$alkylSO_3H, $C(O)C_{0-6}$alkylPO_3H_2, or $CH(R^7)C_{0-6}$alkyCO_2H; and
R^7 is C_{0-6}alkylCO_2H, C_{0-6}alkylOH, C_{0-6}alkylSO_3H, or C_{0-6}alkylPO_3H_2.

2. A compound according to Claim 1 wherein R^1 is methoxy.

3. A compound according to any preceding claim wherein R^2 is H.

4. A compound according to any preceding claim wherein X is CH_2.

5. A compound according to any preceding claim wherein X is C(O).

6. A compound according to any preceding claim wherein Q is C_{0-2}alkyl.

7. A compound according to any preceding claim wherein Q is absent.

8. A compound according to any preceding claim wherein each R^3 is independently C_{2-4} alkyl.

9. A compound according to any preceding claim wherein each R^3 is independently ethyl or n-butyl.

10. A compound according to any preceding claim wherein R^4 is PO_3H_2.

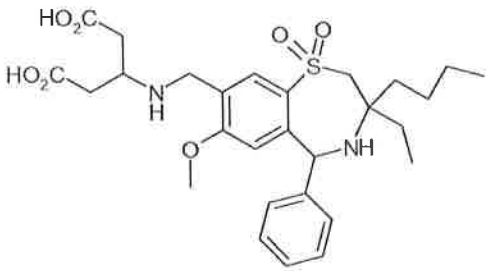
11. A compound according to any preceding claim wherein R^4 is NR^5R^5.

12. A compound according to any preceding claim wherein one R^5 is H and the other is OH, methyl, C_{1-4}alkylCO_2H, C_{0-2} alkylSO_3H, C_{1-2}alkylPO_3H_2, $C(O)CO_2H$, $C(O)C_{1-2}$alkylSO_3H, $C(O)C_{1-2}$alkylPO_3H_2, or $CH(R^7)C_{0-1}$alkyCO_2H.

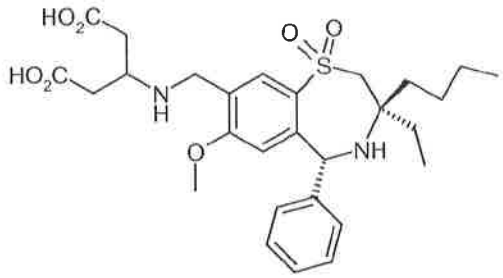
13. A compound according to any preceding claim wherein one R^5 is H and the other is CH_2CO_2H, CH_2SO_3H, $CH_2CH_2SO_3H$, or $CH(R^7)C_{0-1}$alkyCO_2H.

14. A compound according to any preceding claim wherein R^7 is C_{0-1}alkylCO_2H or C_{0-2}alkylSO_3H.

15. The compound



16. The compound



17. The compound of Claim 16 wherein said compound is crystalline.

18. A pharmaceutically acceptable salt of a compound according to any preceding claim.

19. A pharmaceutical composition comprising a compound or salt according to any preceding claim.

20. A pharmaceutical composition for use in the treatment of a metabolic disorder in a human, comprising a compound or salt as defined in any of Claims 1-18.

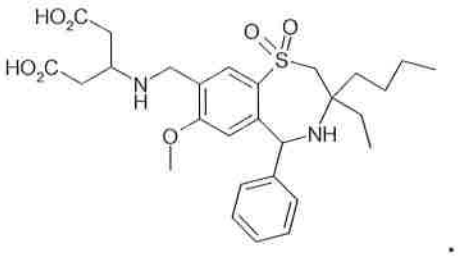
21. A compound or salt as defined in any of Claims 1-18 for use in the treatment of a metabolic disorder in a human.

22. The use of a compound or salt as defined in any of Claims 1-18 in the manufacture of a medicament for use in the treatment of a metabolic disorder in a human.

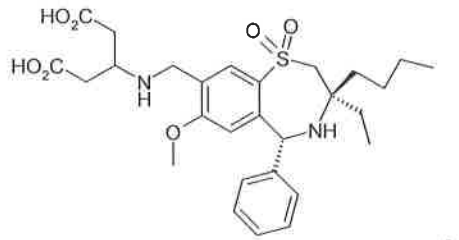
23. The use of Claim 22 wherein said metabolic disorder is diabetes mellitus (Type I and Type II) or obesity.

What is claimed is:

1. The compound



2. The compound



3. The compound of Claim 2 wherein said compound is crystalline.

4. A pharmaceutically acceptable salt of a compound according to any preceding claim.

5. A pharmaceutical composition comprising a compound or salt according to any preceding claim.

6. A pharmaceutical composition for use in the treatment of a metabolic disorder in a human, comprising a compound or salt as defined in any of Claims 1-4.

7. A compound or salt as defined in any of Claims 1-4 for use in the treatment of a metabolic disorder in a human.

8. The use of a compound or salt as defined in any of Claims 1-4 in the manufacture of a medicament for use in the treatment of a metabolic disorder in a human.

9. The use of Claim 8 wherein said metabolic disorder is diabetes mellitus (Type I and Type II) or obesity.