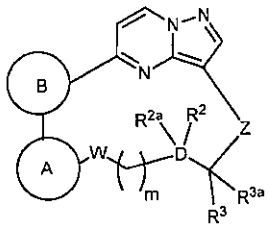
What is claimed is:

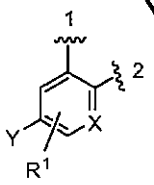
1. A compound of the general Formula **I**



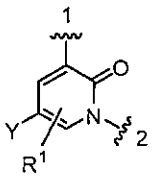
I

or pharmaceutically acceptable salts thereof, wherein:

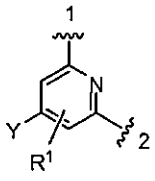
ring A is selected from rings A-1, A-2 and A-3 having the structures:



A-1



A-2



A-3

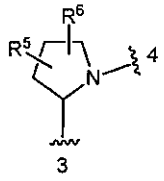
wherein the wavy line labeled 1 indicates the point of attachment of ring A to ring B and the wavy line labeled 2 indicates the point of attachment of ring A to W;

X is N or CH;

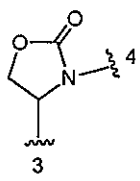
Y is H or F;

R^1 is H, (1-3C)alkoxy or halogen;

ring B is selected from rings B-1 and B-2 having the structures:



B-1



B-2

wherein the wavy line labeled 3 indicates the point of attachment to ring A and the wavy line labeled 4 indicates the point of attachment to the pyrazolo[1,5-a]pyrimidine ring of Formula **I**;

W is O, NH or CH_2, wherein when ring A is A-2, then W is CH_2;

m is 0, 1 or 2;

D is carbon, R^2 and R^{2a} are independently H, F, (1-3 C)alkyl or OH (provided that R^2 and R^{2a} are not both OH), and R^3 and R^{3a} are independently H, (1-3 C)alkyl or hydroxy(1-3 C)alkyl, or

D is carbon or nitrogen, R^2 and R^3 are absent, and R^{2a} and R^{3a} together with the atoms to which they are attached form a 5-6 membered heteroaryl ring having 1-2 ring heteroatoms;

Z is *-$NR^{4a}C(=O)$-, *-$ONHC(=O)$-, *-$NR^{4b}CH_2$- or *-$OC(=O)$-, wherein the asterisk indicates the point of attachment of Z to the carbon bearing R^3;

R^{4a} is H, (1-6C)alkyl, fluoro(1-6C)alkyl, difluoro(1-6C)alkyl, trifluoro(1-6C)alkyl, hydroxy(1-6C alkyl) or dihydroxy(2-6C alkyl);

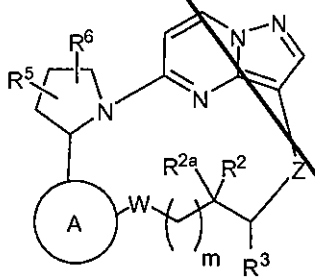
R^{4b} is H, (1-6C)alkyl, fluoro(1-6C)alkyl, difluoro(1-6C)alkyl, trifluoro(1-6C)alkyl, hydroxy(1-6C alkyl), dihydroxy(2-6C alkyl), (1-6C alkyl)C(O)-, (3-6C cycloalkyl)C(O)-, $Ar^1C(O)$-, $HOCH_2C(O)$-, (1-6C alkyl)sulfonyl, (3-6C cycloalkyl)sulfonyl, $Ar^2(SO_2)$-, HO_2CCH_2- or (1-6C alkyl)NH(CO)-;

Ar^1 is phenyl optionally substituted with one or more substituents independently selected from halogen, (1-6C)alkyl, and (1-6C)alkoxy;

Ar^2 is phenyl optionally substituted with one or more substituents independently selected from halogen, (1-6C)alkyl, and (1-6C)alkoxy; and

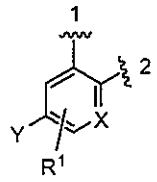
R^5 and R^6 are independently H, halogen, OH, (1-6C)alkyl or hydroxy(1-6C)alkyl.

2. A compound of claim 1 having the general Formula

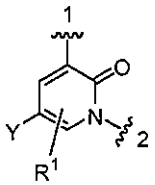


or a pharmaceutically acceptable salt thereof, wherein:

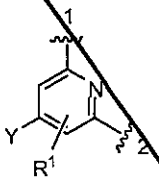
ring A is selected from rings A-1, A-2 and A-3 having the structures:



A-1



A-2



A-3

wherein the wavy line labeled 1 indicates the point of attachment of ring A to the pyrrolidine ring of Formula I and the wavy line labeled 2 indicates the point of attachment of ring A to W;

X is N or CH;

Y is H or F;

R^1 is H, (1-3C)alkoxy or halogen;

W is O, NH or CH_2, wherein when ring A is A-2, then W is CH_2;

m is 0, 1 or 2;

R^2 and R^{2a} are independently H, F, or OH, provided that R^2 and R^{2a} are not both OH;

R^3 is H, (1-3 C)alkyl or hydroxy(1-3 C)alkyl;

Z is *-$NR^{4a}C(=O)$-, *-ONHC(=O)-, *-$NR^{4b}CH_2$- or *-OC(=O)-, wherein the asterisk indicates the point of attachment of Z to the carbon bearing R^3;

R^{4a} is H, (1-6C)alkyl, fluoro(1-6C)alkyl, difluoro(1-6C)alkyl, trifluoro(1-6C)alkyl, hydroxy(1-6C alkyl) or dihydroxy(2-6C alkyl);

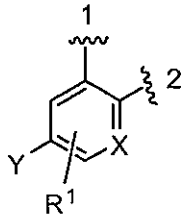
R^{4b} is H, (1-6C)alkyl, fluoro(1-6C)alkyl, difluoro(1-6C)alkyl, trifluoro(1-6C)alkyl, hydroxy(1-6C alkyl), dihydroxy(2-6C alkyl), (1-6C alkyl)C(O)-, (3-6C cycloalkyl)C(O)-, $Ar^1C(O)$-, $HOCH_2C(O)$-, (1-6C alkyl)sulfonyl, (3-6C cycloalkyl)sulfonyl, $Ar^2(SO_2)$-, HO_2CCH_2- or (1-6C alkyl)NH(CO)-;

Ar^1 is phenyl optionally substituted with one or more substituents independently selected from halogen, (1-6C)alkyl, and (1-6C)alkoxy;

Ar^2 is phenyl optionally substituted with one or more substituents independently selected from halogen, (1-6C)alkyl, and (1-6C)alkoxy; and

R^5 and R^6 are independently H, halogen, OH, (1-6C)alkyl or hydroxy(1-6C)alkyl.

3. A compound according to claim 1 or 2, wherein ring A is ring A-1 having the structure

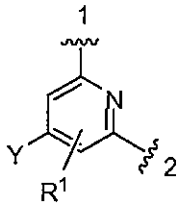


A-1

4. A compound according to claim 3, wherein X is CH.

5. A compound according to claim 3, wherein X is N.

6. A compound according to claim 1 or 2, wherein ring A is ring A-3 having the structure



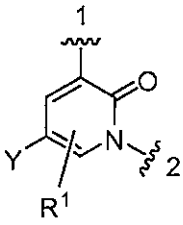
A-3 .

7. A compound according to any of claims 1-6, wherein W is O.

8. A compound according to any of claims 1-6, wherein W is NH.

9. A compound according to any of claims 1-6, wherein W is CH.

10. A compound according to claim 1 or 2, wherein ring A is ring A-2 having the structure



A-2 .

11. A compound according to any of claims 1-10, wherein Y is F.

12. A compound according to any of claims 1-10, wherein Y is H.

13. A compound according to any of claims 1-12, wherein R^1 is H.

14. A compound according to any of claims 1-12, wherein R^1 is (1-3 C)alkyl or (1-3C)alkoxy.

15. A compound according to claim 14, wherein R^1 is methyl or methoxy.

16. A compound according to any of claims 1-12, wherein R^1 is halogen.

17. A compound according to claim 16, wherein R^1 is fluoro.

18. A compound according to any of claims 1-17, wherein Z is *-$NR^{4a}C(=O)$-.

19. A compound according to claim 18, wherein R^{4a} is hydrogen.

20. A compound according to claim 18, wherein R^{4a} is (1-6C)alkyl, fluoro(1-6C)alkyl, difluoro(1-6C)alkyl, trifluoro(1-6C)alkyl, hydroxy(1-6C alkyl) or dihydroxy(2-6C alkyl).

21. A compound according to claim 20, wherein R^{4a} is (1-6C)alkyl.

22. A compound according to any of claims 1-17, wherein Z is *-ONHC(=O)-.

23. A compound according to any of claims 1-17, wherein Z is *-$NR^{4b}CH_2$- .

24. A compound according to claim 23, wherein R^{4b} is H.

25. A compound according to claim 23, wherein R^{4b} is selected from (1-6C)alkyl, fluoro(1-6C)alkyl, difluoro(1-6C)alkyl and trifluoro(1-6C)alkyl.

26. A compound according to claim 25, wherein R^{4b} is (1-6C)alkyl.

27. A compound according to claim 23, wherein R^{4b} is selected from (1-6C alkyl)C(O)-, (3-6C cycloalkyl)C(O)-, $Ar^1C(O)$- and $HOCH_2C(O)$-.

28. A compound according to claim 27, wherein R^{4b} is (1-6C alkyl)C(O)-.

29. A compound according to claim 23, wherein R^{4b} is selected from (1-6C alkyl)sulfonyl, (3-6C cycloalkyl)sulfonyl, and $Ar^2(SO_2)$-.

30. A compound according to claim 29, wherein R^{4b} is (1-6C alkyl)sulfonyl.

31. A compound according to claim 23, wherein R^{4b} is HO_2CCH_2-.

32. A compound according to claim 23, wherein R^{4b} is (1-6C alkyl)NH(CO)-.

33. A compound according to any of claims 1 or 3-32, wherein D is carbon, R^2 and R^{2a} are independently H, F, (1-3 C)alkyl or OH (provided that R^2 and R^{2a} are not both OH), and R^3 and R^{3a} are independently H, (1-3 C)alkyl or hydroxy(1-3 C)alkyl.

34. A compound according to any of claims 1-33, wherein R^2 and R^{2a} are each hydrogen.

35. A compound according to any of claims 1-33, wherein R^2 and R^{2a} are each fluoro.

36. A compound according to any of claims 1-33, wherein R^2 is hydrogen and R^{2a} is fluoro.

37. A compound according to any of claims 1-33, wherein R^2 is hydrogen and R^{2a} is OH.

38. A compound according to claim 1 or 3-33, wherein R^2 is H and R^{2a} is methyl, or R^2 and R^{2a} are both methyl.

39. A compound according to claim 1 or 3-33, wherein

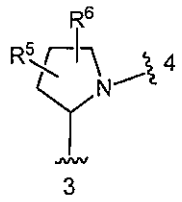
R^3 and R^{3a} are H; or

R^{3a} is methyl and R^3 is H; or

R^{3a} and R^{3a} are both methyl.

40. A compound according to claim 1 or 3-32, wherein D is carbon or nitrogen, R^2 and R^3 are absent, and R^{2a} and R^{3a} together with the atoms to which they are attached form a 5-6 membered heteroaryl ring having 1-2 ring heteroatoms.

41. A compound according to any of claims 1-40, wherein ring B is ring B-1:



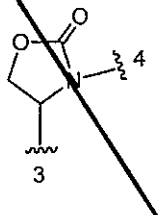
B-1 ; and

R^5 and R^6 are independently H, F, OH, methyl, ethyl, $HOCH_2$- or $HOCH_2CH_2$-.

42. A compound according to claim 41, wherein R^5 is hydrogen and R^6 is H, F, OH, methyl, ethyl, $HOCH_2$- or $HOCH_2CH_2$-.

43. A compound according to claim 42, wherein R^6 is H.

44. A compound according to claim 1 or 3-40, wherein ring B is ring B-2:



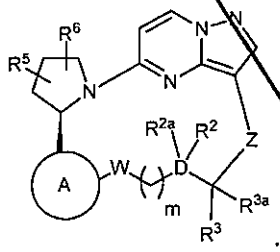
B-2

45. A compound according to any of claims 1-44, wherein m is 0.

46. A compound according to any of claims 1-44, wherein m is 1.

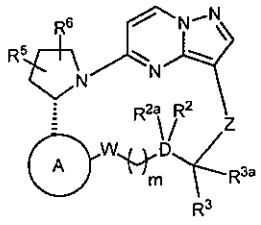
47. A compound according to any of claims 1-44, wherein m is 2.

48. A compound according to any of claims 1-47 having the absolute configuration of Figure **1-a**:



1-a

49. A compound according to any of claims 1-47 having the absolute configuration of Figure **1-b**



1-b

50. A pharmaceutical composition, which comprises a compound of Formula **I** as defined in any one of claims 1 to 49, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable diluent or carrier.

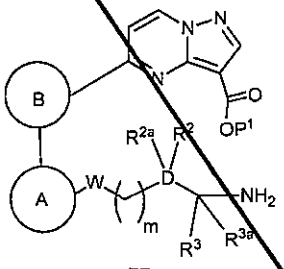
51. A method for treating a disease or disorder selected from pain, cancer, inflammation, neurodegenerative disease or Trypanosoma cruzi infection in a mammal, which comprises administering to said mammal a therapeutically effective amount of a compound of Formula **I** as defined in any one of claims 1 to 49, or a pharmaceutically acceptable salt thereof.

52. The method of claim 51, wherein the disease or disorder is pain.

53. A compound of Formula **I** as defined in any one of claims 1 to 49, or a pharmaceutically acceptable salt thereof, for use in the treatment of pain, cancer, inflammation, neurodegenerative disease or Trypanosoma cruzi infection.

54. A process for the preparation of a compound of claim 1, which comprises:

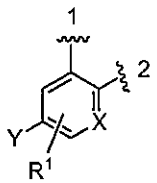
(a) for a compound of Formula **I** wherein Z is *-NHC(=O)-, and ring A, ring B, W, D, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula **I**, cyclizing a corresponding compound having the formula **II**



II

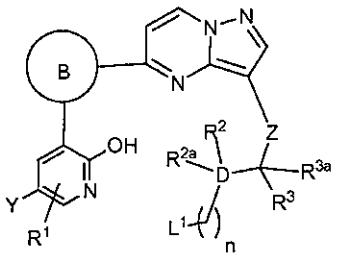
where P^1 is H or a carboxyl protecting group, in the presence of a coupling reagent and a base; or

(b) for a compound of Formula **I** wherein W is O, ring A is formula A-1:



A-1 ,

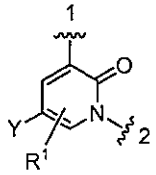
X is N, and ring B, D, Z, Y, R^1, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula **I**, cyclizing a corresponding compound having the formula **III**



III

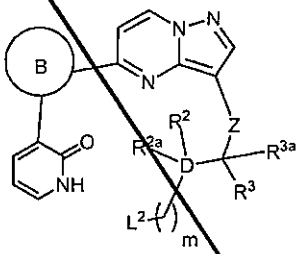
where n is 1, 2, 3 or 4 and L^1 is a leaving group or atom, in the presence of a base; or

(c) for a compound of Formula I wherein W is CH_2, ring A is formula A-2:



A-2

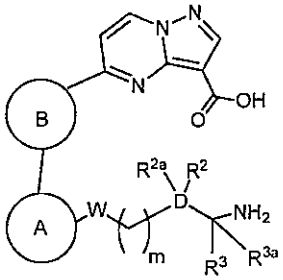
and ring B, Z, D, Y, R^1, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula I, cyclizing a corresponding compound having the formula IV



IV

where L^2 is a leaving group or atom, in the presence of a base; or

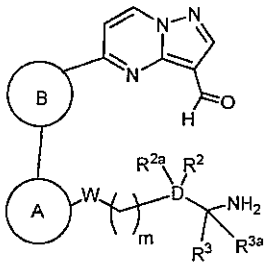
(d) for a compound of Formula I wherein Z is *-NHC(=O)-, and ring A, ring B, W, D, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula I, cyclizing a corresponding compound having the formula V



V

in the presence of a base and a coupling reagent; or

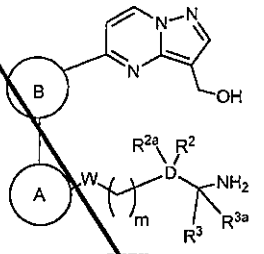
(e) for a compound of Formula **I** wherein Z is *-$NHCH_2$-, and ring A, ring B, W, D, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula **I**, cyclizing a corresponding compound having the formula **VI**



VI

in the presence of a reducing agent; or

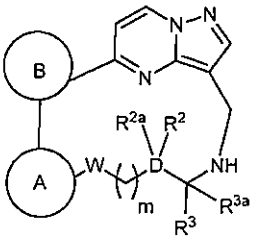
(f) for a compound of Formula **I** wherein Z is *-$NHCH_2$-, and ring A, ring B, W, D, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula **I**, cyclizing a corresponding compound having the formula **VII**



VII

in the presence of triphenylphosphine; or

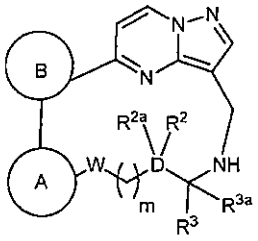
(g) for a compound of Formula **I** wherein ring A, ring B, W, D, m, R^2, R^{2a}, R^3, and R^{3a} are as defined for Formula **I**, Z is *-$NR^{4b}CH_2$-, and R^{4b} is (1-6C alkyl)C(O)-, (3-6C cycloalkyl)C(O)-, $Ar^1C(O)$-, $HOCH_2C(O)$-, (1-6C alkyl)sulfonyl, (3-6C cycloalkyl)sulfonyl, (1-6C alkyl)sulfonyl, (3-6C cycloalkyl)sulfonyl, or $Ar^2(SO_2)$-, coupling a corresponding compound having the formula **VIII**



VIII

with a reagent having the formula (1-6C alkyl)C(O)-L^3, (3-6C cycloalkyl)C(O)-L^3, $Ar^1C(O)$-L^3, $HOCH_2C(O)$-L^3, (1-6C alkyl)(SO_2)-L^3, (3-6C cycloalkyl)(SO_2)-L^3, or $Ar^2(SO_2)$-L^3, respectively, where L^3 is a leaving atom, in the presence of a base; or

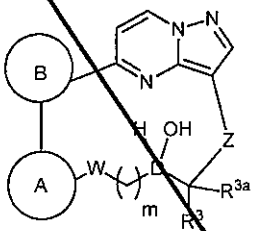
(h) for a compound of Formula I wherein ring A, ring B, W, D, R^2, R^{2a}, R^3, R^{3a} and m are as defined for Formula I, Z is *-$NR^{4b}CH_2$-, and R^{4b} is (1-6C alkyl)NH(CO)-, reacting a compound having the formula **VIII**



VIII

with a reagent having the formula (1-6C alkyl)N=C=O in the presence of a base; or

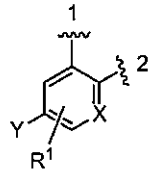
(i) for a compound of Formula I wherein R^2 is F, R^{2a} is H, and ring A, ring B, Z, W, D, R^3, R^{3a}, and m are as defined for Formula I, reacting a corresponding compound having the formula **IX**



IX

with a fluorination reagent;

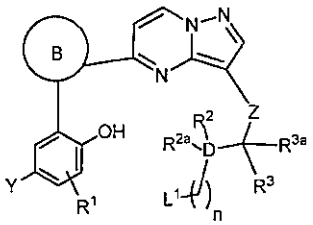
(j) for a compound of Formula I wherein W is O, ring A is formula A-1,



A-1

X is CH, and Y, R^1, D, ring B, Z, R^2, R^{2a}, R^3 and m are as defined for Formula I, cyclizing a corresponding compound having the formula **X**

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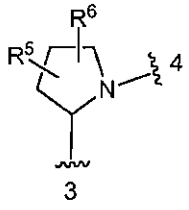


X

where n is 1, 2, 3 or 4 and L^1 is a leaving group or atom, in the presence of a base; and optionally removing any protecting groups and optionally preparing a salt thereof.

55. The method of claim 54, wherein:

ring B is ring B-1 having the structure:



B-1

D is carbon;

R^2 and R^{2a} are independently H, F, (1-3 C)alkyl or OH, provided that R^2 and R^{2a} are not both OH; and

R^3 and R^{3a} are independently H, (1-3 C)alkyl or hydroxy(1-3 C)alkyl.

CLAIMS

1. An invention not claimed in any divisional application.