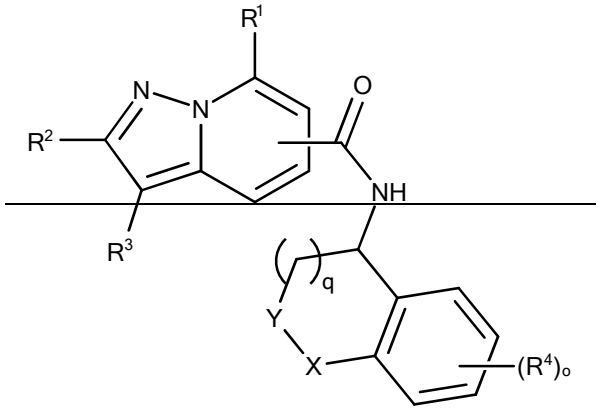
WHAT IS CLAIMED IS:

1. A compound of formula (I-1):



(I)

wherein:

R^1 is hydrogen, cyano, optionally substituted alkoxy, optionally substituted haloalkoxy, optionally substituted aryloxy, optionally substituted alkyl, optionally substituted haloalkyl, optionally substituted C_3-C_8-cycloalkyl, optionally substituted alkenyl, optionally substituted haloalkenyl, optionally substituted alkynyl, optionally substituted aryl; optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, optionally substituted alkyl-SO_n, haloalkyl-S(O)n, amino, NH-optionally substituted alkyl, or NR^aR^b wherein R^a and R^b are independently optionally substituted C_1-C_4 alkyl; or R^a and R^b may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered heterocyclyl group, which may be optionally substituted;

R^2 is hydrogen, halogen, cyano, optionally substituted alkoxy, optionally substituted aryloxy, optionally substituted C_1-C_4-alkyl, optionally substituted C_3-C_6-cycloalkyl, or SO_m(optionally substituted C_1-C_4-alkyl);

R^3 is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which may be optionally substituted with 1 , 2, 3, 4 or 5 substituents;

Each R^4 is independently hydrogen, halogen, cyano, nitro, -OH, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted cycloalkyl, -amino, NH-optionally substituted alkyl, SF_5, or NR^eR^d wherein R^e and R^d are independently optionally substituted alkyl; or R^e and R^d may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered- heterocyclyl group, which may be optionally substituted, SO_p(optionally substituted C_1-C_4-alkyl);

o is 0, 1, 2, 3, or 4;

m, n, and p are independently 0 , 1, or 2;

q is 0 or 1;

X and Y are independently CR^5R^6, O, S, or N-R^7, wherein at least one of X and Y is CR^5R^6;

R^5 and R^6 are independently hydrogen, fluorine or C_1-C_4-alkyl;

R^7 is hydrogen or C_1-C_4-alkyl; or

a stereoisomer, tautomer, *N*-oxide, hydrate, solvate, or salt thereof.

2. The according to claim 1 wherein R_1 is secondary C_1-C_4-alkyl.

3. The compound of claim 1 wherein R^1 is heterocyclyl.

4. The compound of claim 3 wherein R^1 is aziridinyl, azetidinyl, oxetanyl, pyrrolidinyl, pyrrolyl, or morpholinyl, all of which are optionally substituted by one or more halogen.

5. The compound according to any one of the foregoing claims wherein R^2 is hydrogen, alkyl, or haloalkyl.

6. The compound according to any one of the foregoing claims wherein R^3 is phenyl substituted with 1 substituent which is halo, cyano, nitro, alkylsulfonyl, haloalkylsulfonyl, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, haloalkyl, haloalkenyl, haloalkynyl, halocycloalkyl, halocycloalkenyl, alkoxy, alkenyloxy, alkynyloxy, haloalkoxy or haloalkenyloxy.

7. The compound according to any one of the foregoing claims wherein R^3 is dihalophenyl.

8. The compound according to any one of claims 1 to 6 wherein R^3 is trihalophenyl.

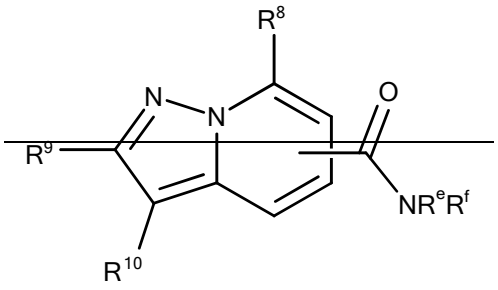
9. The compound according to any one of the foregoing claims wherein q is 1.

10. The compound according to any one of claims 1 to 8 wherein q is 0.

11. The compound according to any one of the foregoing claims wherein X is CH_2.

12. The compound according to any one of the foregoing claims wherein Y is CH_2.13. The compound according to any one of the foregoing claims wherein X is O.

14. A compound of formula (II)



(II)

wherein:

R^8 is hydrogen, cyano, optionally substituted alkoxy, optionally substituted haloalkoxy, optionally substituted aryloxy, optionally substituted alkyl, optionally substituted haloalkyl, optionally substituted C_3-C_8-cycloalkyl, optionally substituted alkenyl, optionally substituted haloalkenyl, optionally substituted alkynyl, optionally substituted aryl; optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, optionally substituted alkyl-SO_n, haloalkyl-S(O)n, amino, NH-optionally substituted alkyl, or NR^aR^b wherein $R^{a'}$ and $R^{b'}$ are independently optionally substituted C_1-C_4-alkyl; or $R^{a'}$ and $R^{b'}$ may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered-heterocyclyl group, which may be optionally substituted;

R^9 is hydrogen, halogen, cyano, optionally substituted alkoxy, optionally substituted aryloxy, optionally substituted C_1-C_4-alkyl, optionally substituted C_3-C_6-cycloalkyl, or SO_m(optionally substituted C_1-C_4-alkyl);

R^{10} is selected from the group consisting of 6 or 10-membered aryl and 5 to 10-membered heteroaryl, each of which may be optionally substituted with 1, 2, 3, 4 or 5 substituents;

R^e and R^f are independently hydrogen, optionally substituted alkyl, optionally substituted aryl, and optionally substituted heteroaryl; or R^e and R^f may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered heterocyclyl group, which may be optionally substituted; or a stereoisomer, tautomer, N-oxide, hydrate, solvate, or salt thereof.

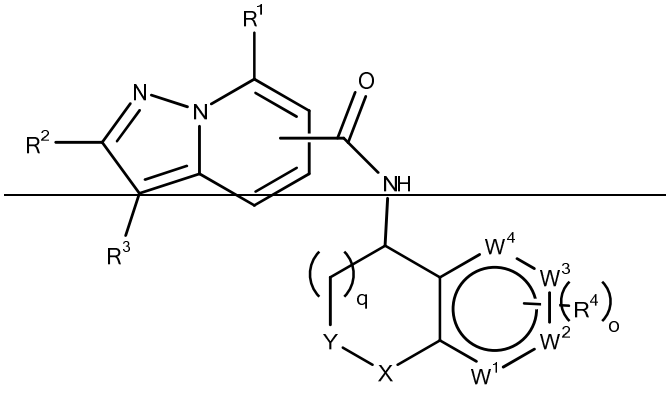
15. A composition comprising the compound of any one of claims 1 to 14 and a veterinarily acceptable carrier.

16. A method of controlling helminths comprising administering the compound of any one of claims 1 to 14 or the veterinarily acceptable composition of claim 15 to a mammal in need thereof.

17. The use of compound of formula (I) according to claim 1 for the preparation of a medicament for the treatment of a mammal infested by helminths.

18. The method of claim 16 wherein the compound or composition is administered dermally, by injection, or orally.

` 19. A compound of formula (I):



(I)

wherein:

W^1, W^2, W^3 and W^4 are independently C-H or N;

R^1 is hydrogen, cyano, optionally substituted alkoxy, optionally substituted haloalkoxy, optionally substituted aryloxy, optionally substituted alkyl, optionally substituted haloalkyl, optionally substituted C_3-C_8-cycloalkyl, optionally substituted alkenyl, optionally substituted haloalkenyl, optionally substituted alkynyl, optionally substituted haloalkynyl, optionally substituted aryl; optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, optionally substituted alkyl-SO_n, haloalkyl-SO_n, amino, NH-optionally substituted alkyl, or NR^aR^b wherein R^a and R^b are independently optionally substituted C_1-C_4 alkyl; or R^a and R^b may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered- heterocyclyl group, which may be optionally substituted;

R^2 is hydrogen, halogen, cyano, optionally substituted alkoxy, optionally substituted aryloxy, optionally substituted alkyl, optionally substituted C_3-C_8-cycloalkyl, or SO_m(optionally substituted alkyl);

R^3 is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which may be optionally substituted with 1 , 2, 3, 4 or 5 substituents;

Each R^4 is independently hydrogen, halogen, cyano, nitro, -OH, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted cycloalkyl, -amino, NH-optionally substituted alkyl, SF_5, or NR^eR^d wherein R^e and R^d are independently optionally substituted alkyl; or R^e and R^d may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered- heterocyclyl group, which may be optionally substituted, SO_p(optionally substituted C_1-C_4-alkyl);

o is 0, 1, 2, 3, or 4;

m, n, and p are independently 0 , 1, or 2;

q is 0 or 1;

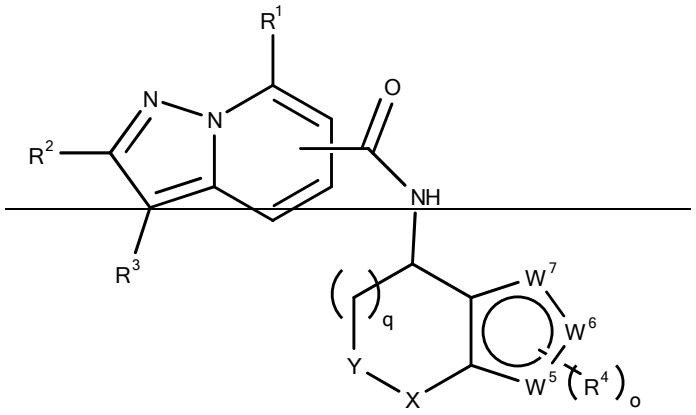
X and Y are independently CR^5R^6, O, S, or N-R^7, wherein at least one of X and Y is CR^5R^6;

R^5 and R^6 are independently hydrogen, fluorine or C_1-C_4-alkyl;

R^7 is hydrogen or C_1-C_4-alkyl; or

a stereoisomer, tautomer, *N*-oxide, hydrate, solvate, or salt thereof.

20. A compound of formula (IA):



(IA)

wherein:

W^5, W^6 and W^7 are independently CH, N or S;

R^1 is hydrogen, cyano, optionally substituted alkoxy, optionally substituted haloalkoxy, optionally substituted aryloxy, optionally substituted alkyl, optionally substituted haloalkyl, optionally substituted C_3-C_8-cycloalkyl, optionally substituted alkenyl, optionally substituted haloalkenyl, optionally substituted alkynyl, optionally substituted haloalkynyl, optionally substituted aryl; optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, optionally substituted alkyl-SO_n, haloalkyl-SO_n, amino, NH-optionally substituted alkyl, or NR^aR^b wherein R^a and R^b are independently optionally substituted C_1-C_4 alkyl; or R^a and R^b may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered- heterocyclyl group, which may be optionally substituted;

R^2 is hydrogen, halogen, cyano, optionally substituted alkoxy, optionally substituted aryloxy, optionally substituted alkyl, optionally substituted C_3-C_8-cycloalkyl, or SO_m(optionally substituted alkyl);

R^3 is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which may be optionally substituted with 1 , 2, 3, 4 or 5 substituents;

Each R^4 is independently hydrogen, halogen, cyano, nitro, -OH, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted cycloalkyl, -amino, NH-optionally substituted alkyl, SF_5, or NR^eR^d wherein R^e and R^d are independently optionally substituted alkyl; or R^e and R^d may form, with the nitrogen to which they are attached, a 3, 4, 5, 6, 7, or 8 membered- heterocyclyl group, which may be optionally substituted, SO_p(optionally substituted C_1-C_4-alkyl);

o is 0, 1, 2, 3, or 4;

m, n, and p are independently 0 , 1, or 2;

q is 0 or 1;

X and Y are independently CR^5R^6, O, S, or N-R^7, wherein at least one of X and Y is CR^5R^6;

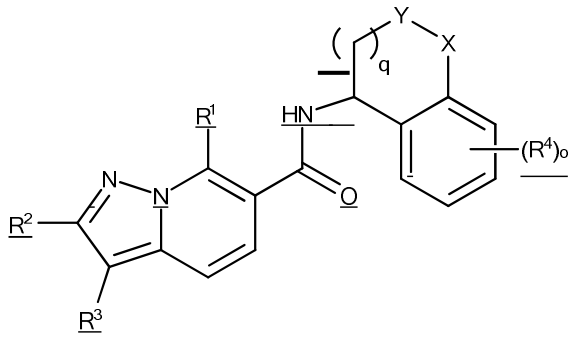
R^5 and R^6 are independently hydrogen, fluorine or C_1-C_4-alkyl;

R^7 is hydrogen or C_1-C_4-alkyl; or

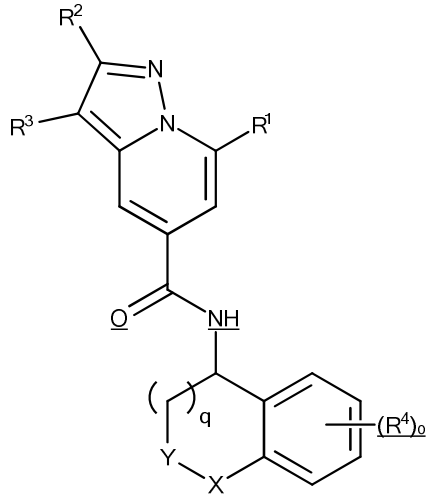
a stereoisomer, tautomer, *N*-oxide, hydrate, solvate, or salt thereof.

WHAT IS CLAIMED IS:

1. A compound of formula (Ia) or (Ib) :



(Ia),



(Ib),

wherein:

R^1 is optionally substituted C_1-C_4-alkyl, optionally substituted C_2-C_4-alkenyl, optionally substituted halo-C_2-C_4-alkenyl, amino, NH-optionally substituted C_1-C_4-alkyl, or NR^aR^b wherein R^a and R^b are independently optionally substituted C_1-C_4 alkyl; or R^a and R^b may form, with the nitrogen to which they are attached, a 3, 4, 5 or 6- membered-heterocyclyl group which may contain 1 additional nitrogen or oxygen heteroatom, which may be optionally substituted; wherein independently from each other the optional substituents on each occurrence are halogen, hydroxyl or C_1-C_3-alkoxy;

R^2 is C_1-C_4-alkyl optionally substituted by halogen;

R^3 is phenyl,which may be optionally substituted with 1, 2, or 3halogen or C_1-C_3-haloalkyl substituents;

Each R^4 is independently halogen or C_1-C_4-alkoxy optionally substituted by halogen, ;

o is 0, 1, or 2;

q is 0 or 1;

X and Y are independently CH_2 or O, wherein at least one of X and Y is CH_2;

or

a stereoisomer, tautomer, *N*-oxide, hydrate, solvate, or salt thereof.

2. The compound of claim 1, wherein R_1 is secondary C_1-C_4-alkyl.

3. The compound of claim 1 wherein R^1 is NR^aR^b wherein R^a and R^b form, with the nitrogen to which they are attached, a 3, 4, 5 or 6- membered-heterocyclyl group which may contain 1 additional nitrogen or oxygen heteroatom.

4. The compound of claim 3 wherein R^1 is aziridinyl, azetidinyl or morpholinyl, all of which are optionally substituted by one or more halogen.

5. The compound according to any one of the foregoing claims, wherein R^2 is methyl.

6. The compound according to any one of the foregoing claims, wherein R^3 is phenyl substituted with 1 substituent which is halogen.7. The compound according to any one of the foregoing claims wherein R^3 is dihalophenyl.

8. The compound according to any one of claims 1 to 5 wherein R^3 is trihalophenyl.

9. The compound according to any one of the foregoing claims, wherein q is 1.

10. The compound according to any one of claims 1 to 8 wherein q is 0.

11. The compound according to any one of the foregoing claims, wherein X is CH_2.

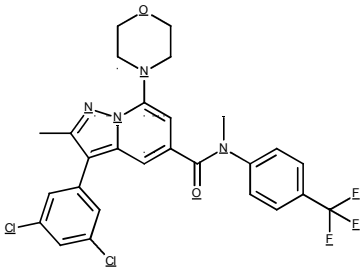
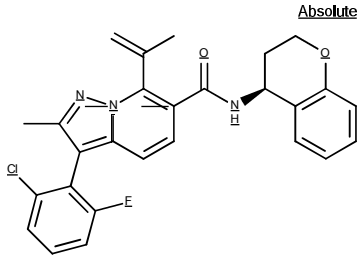
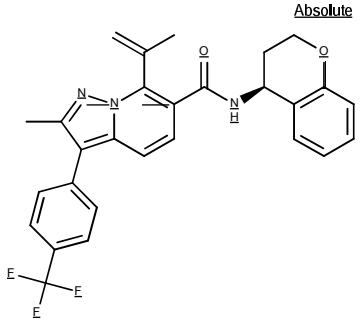
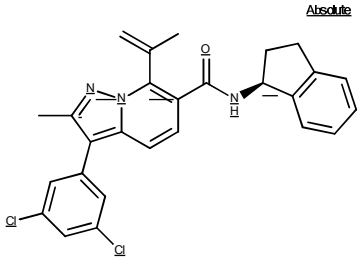
12. The compound according to any one of the foregoing claims, wherein Y is CH_2.

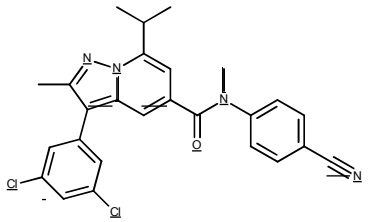
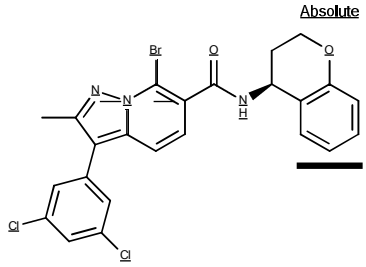
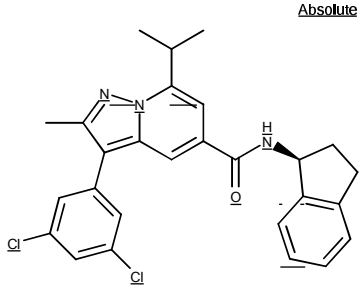
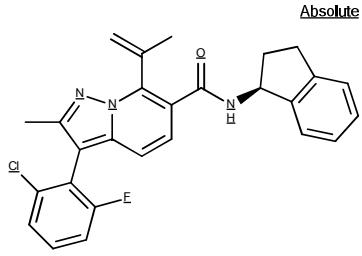
13. The compound according to any one of claims 1 to 10 wherein X is O.

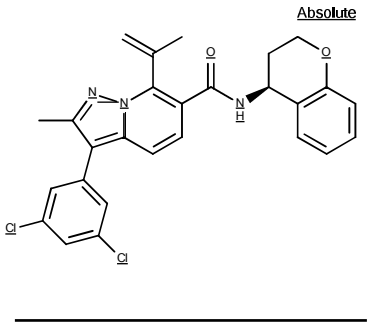
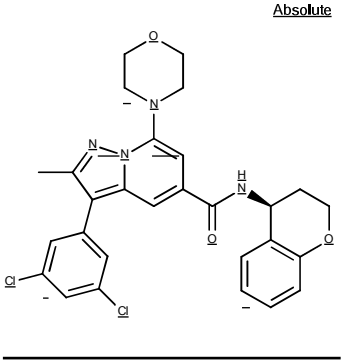
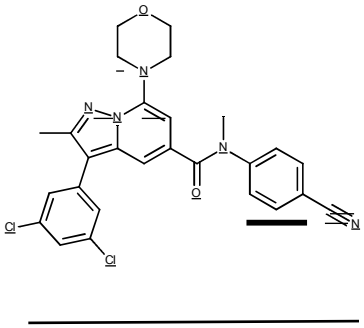
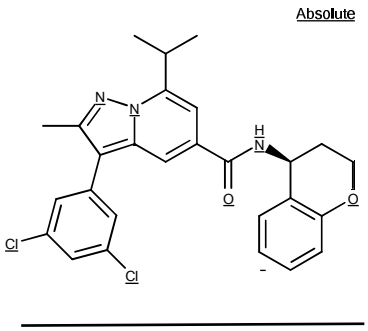
14. The compound according to claim 13, wherein Y is CH_2.

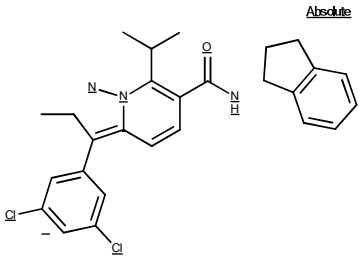
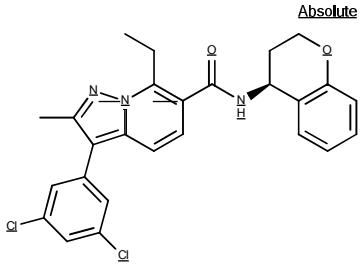
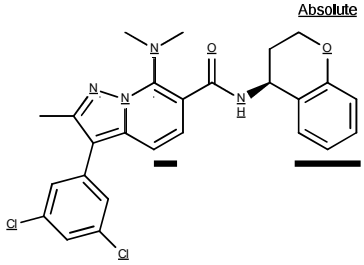
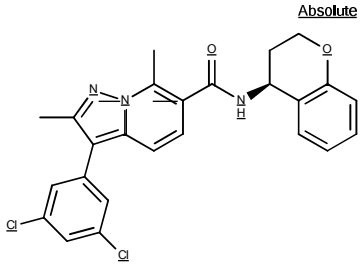
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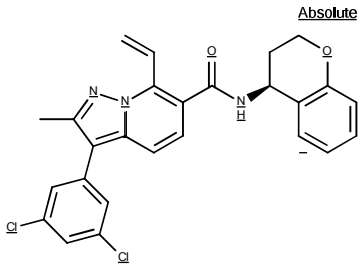
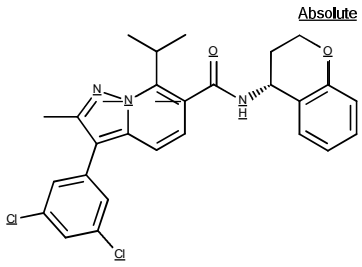
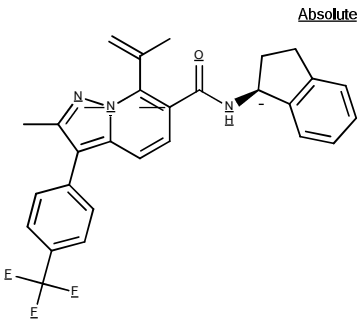
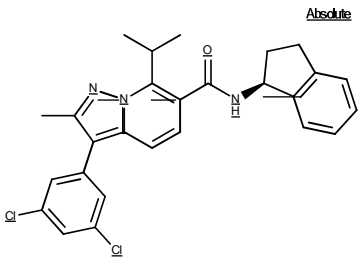
Structure	**Compound #**

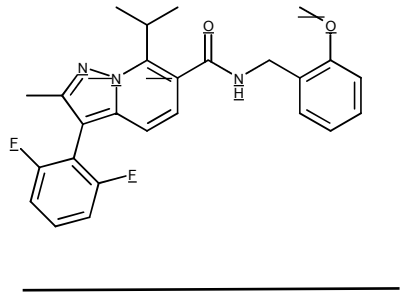
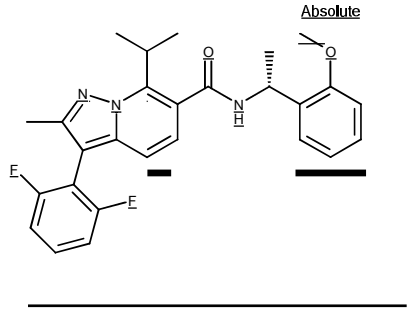
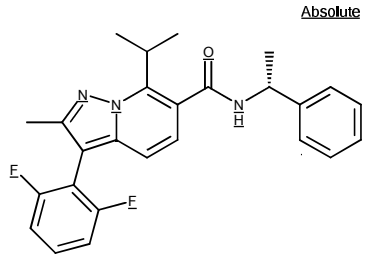
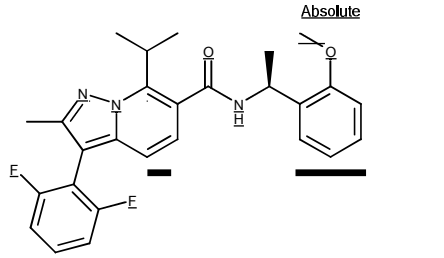
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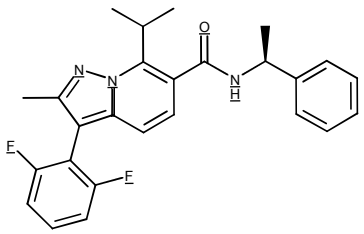
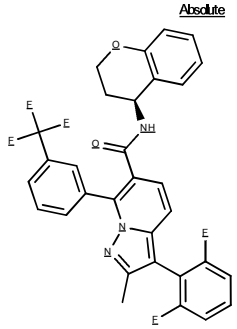
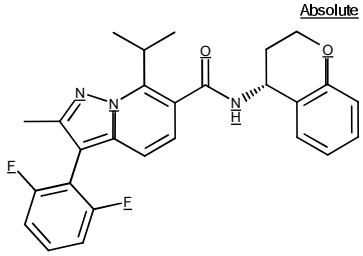
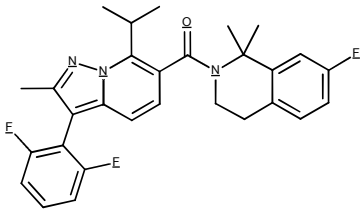
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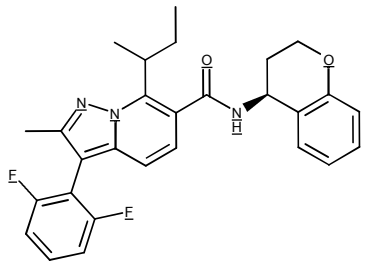
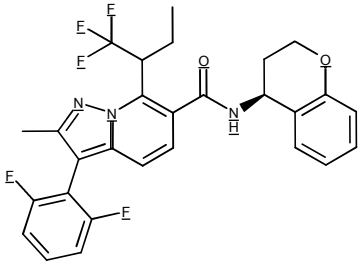
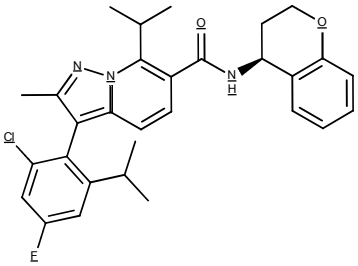
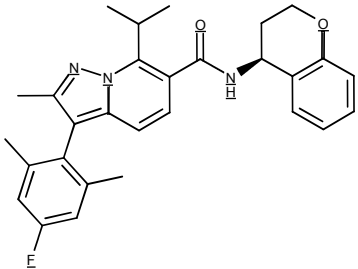
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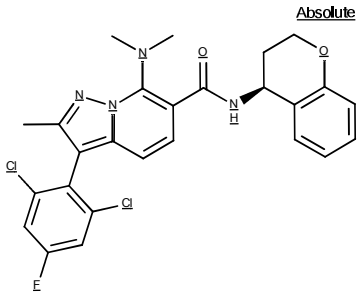
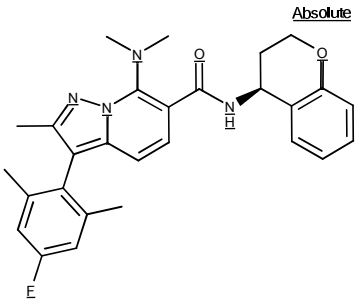
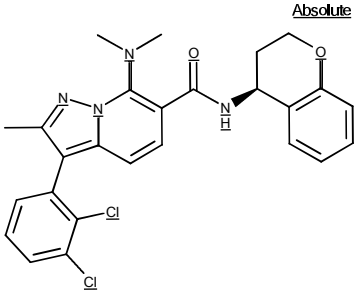
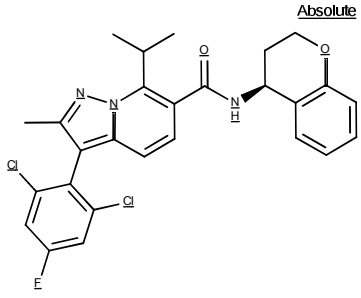
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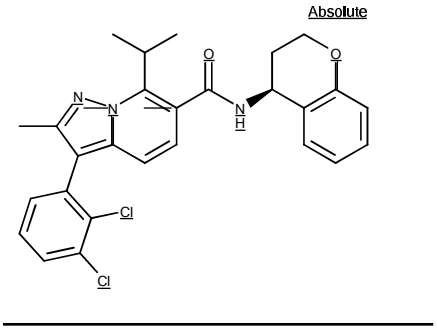
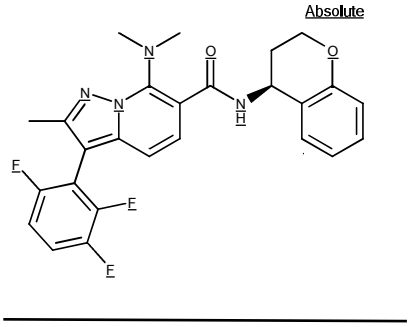
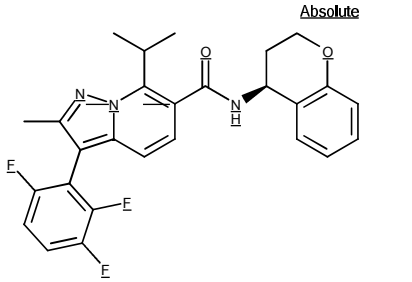
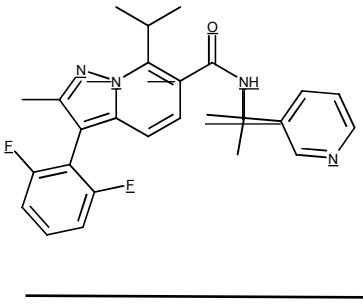
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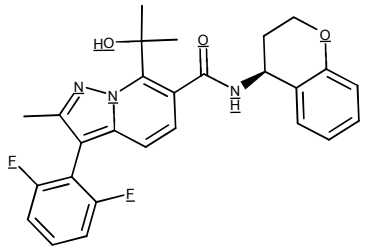
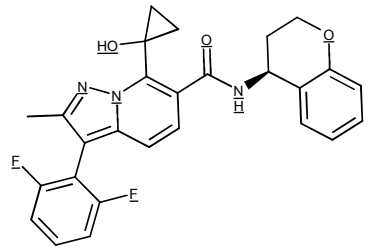
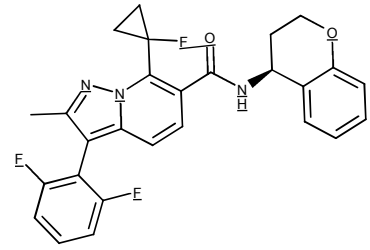
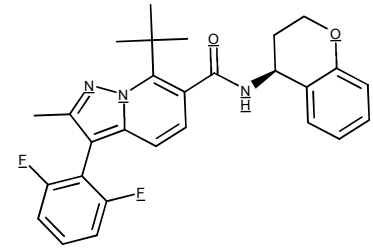
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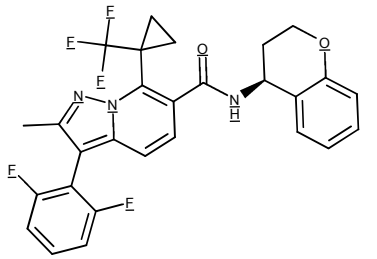
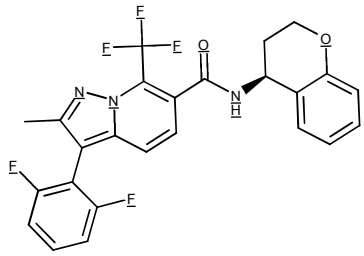
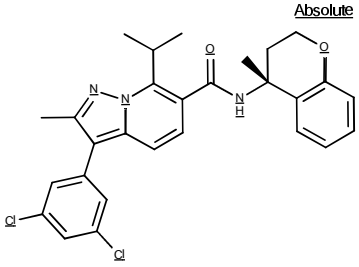
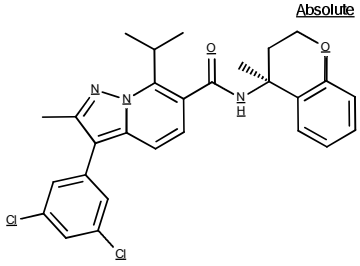
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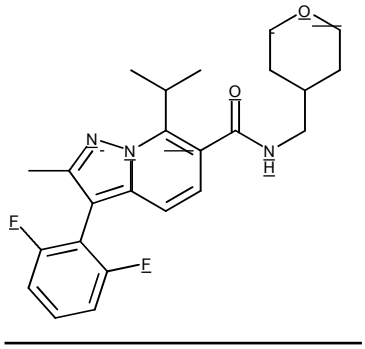
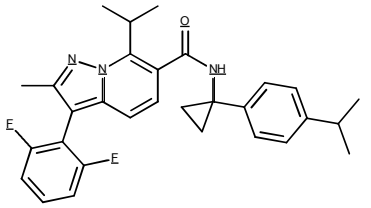
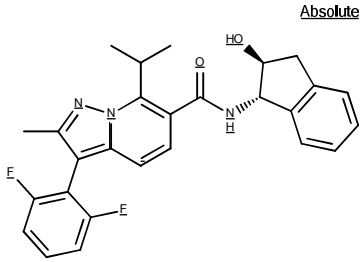
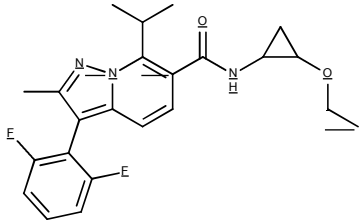
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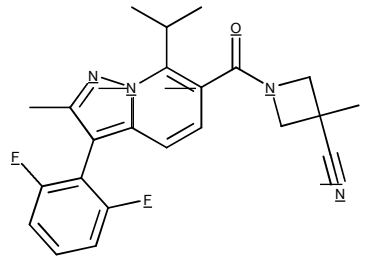
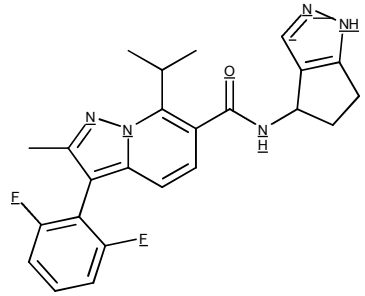
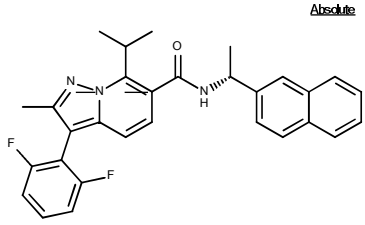
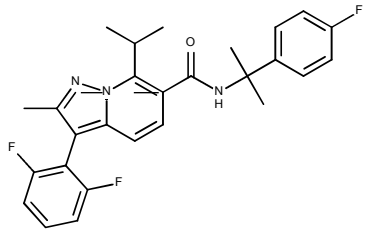
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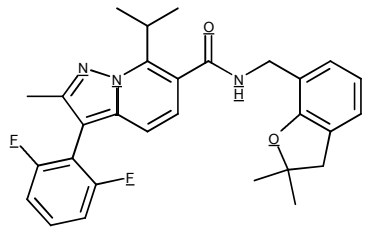
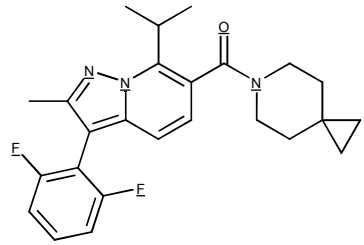
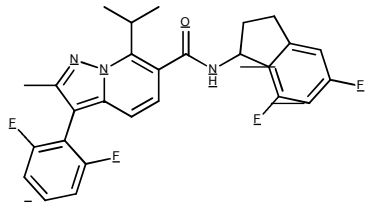
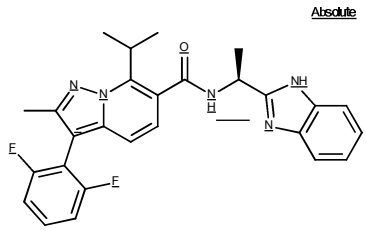
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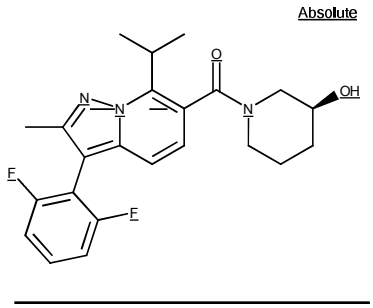
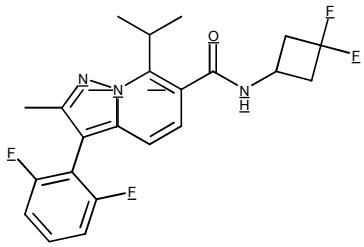
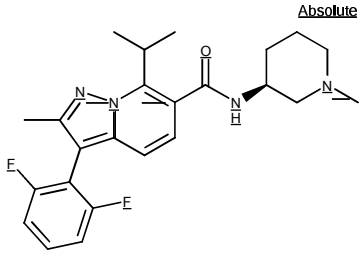
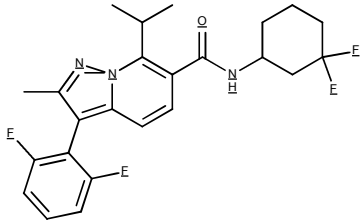
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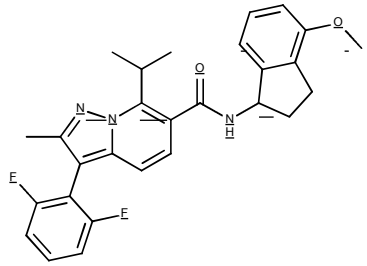
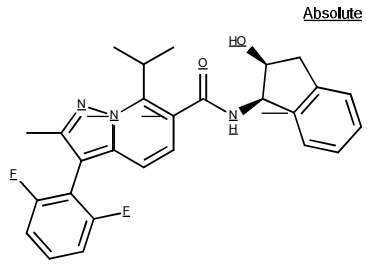
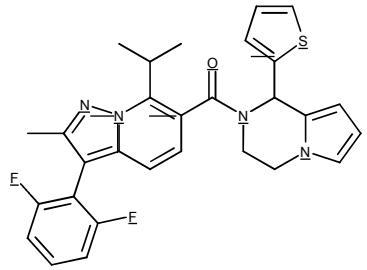
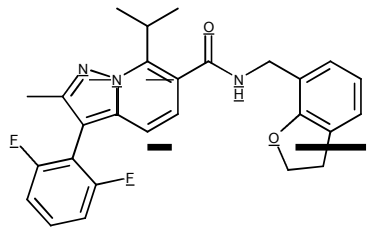
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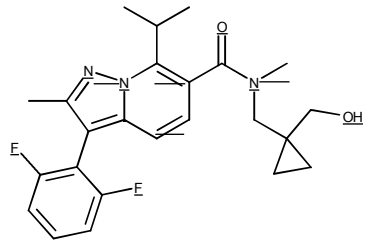
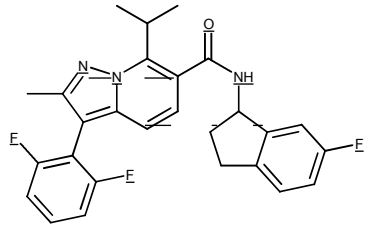
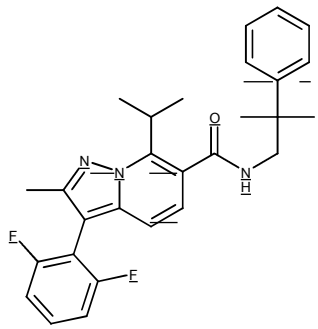
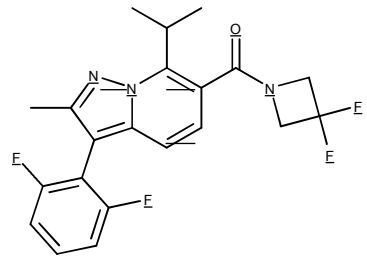
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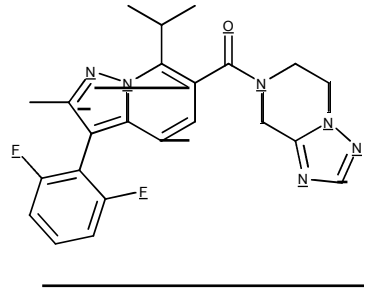
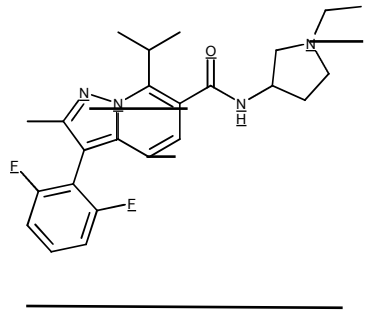
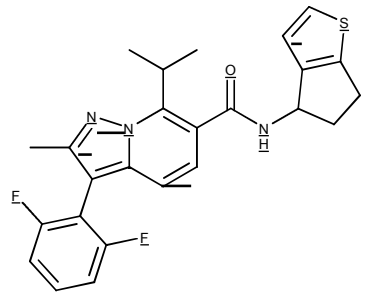
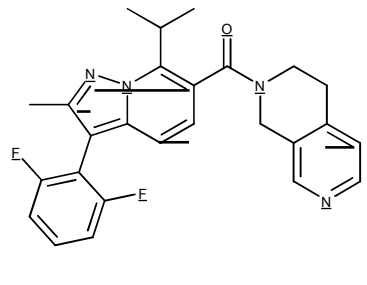
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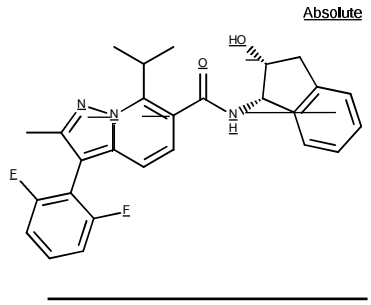
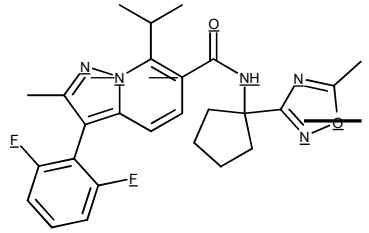
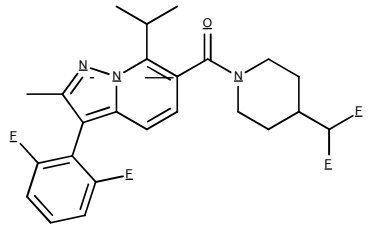
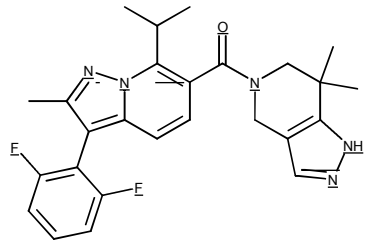
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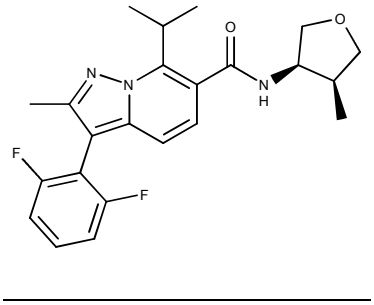
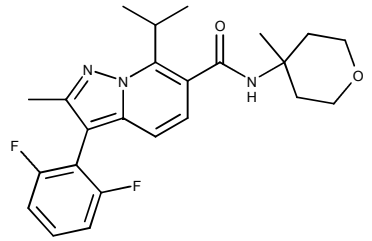
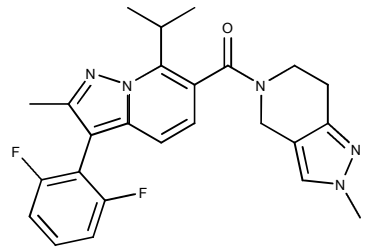
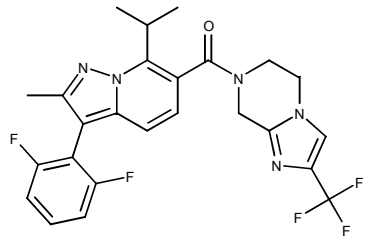
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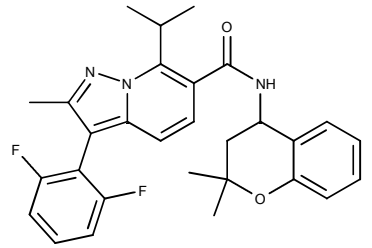
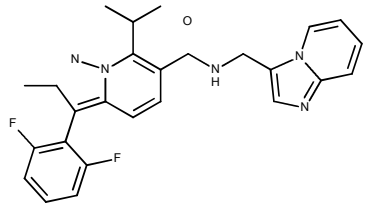
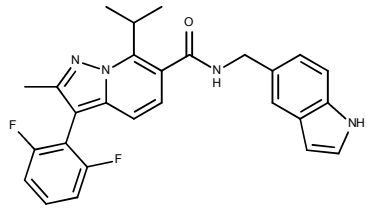
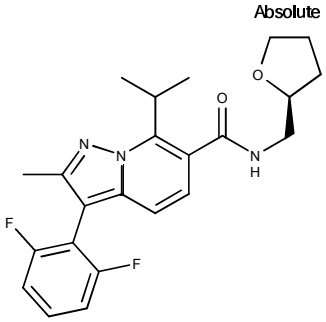
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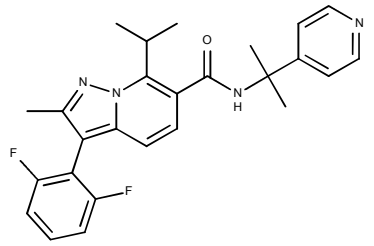
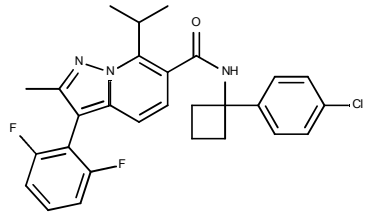
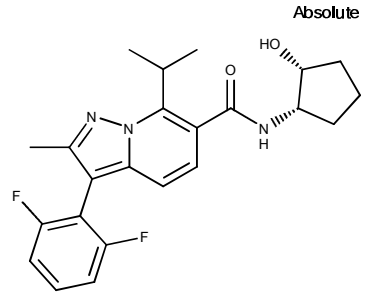
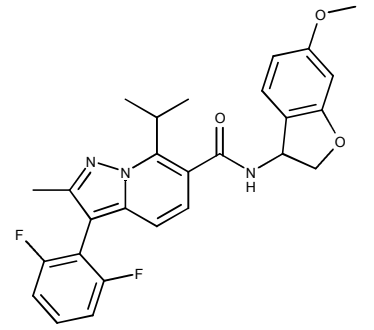
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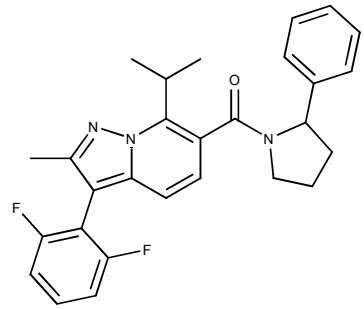
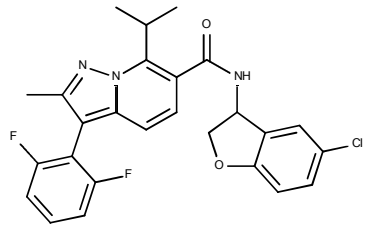
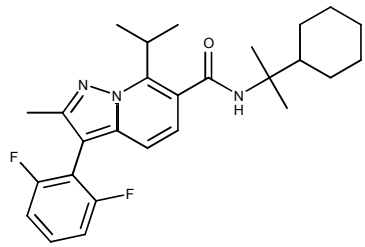
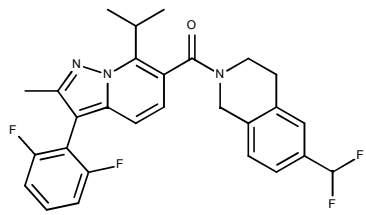
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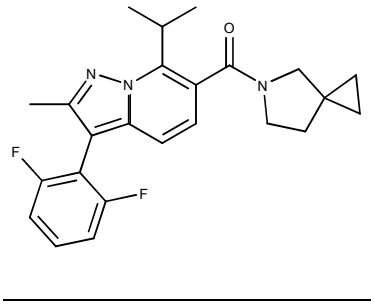
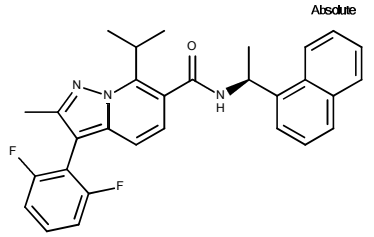
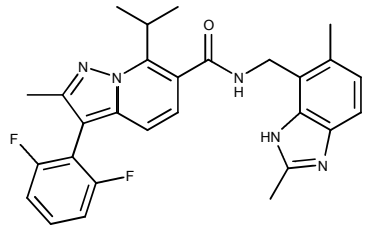
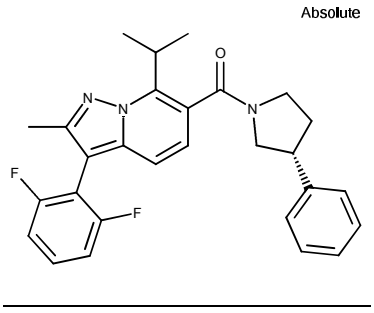
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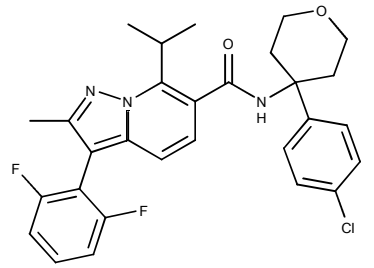
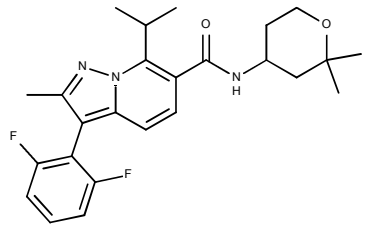
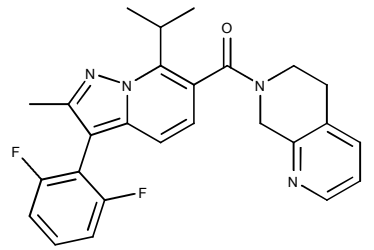
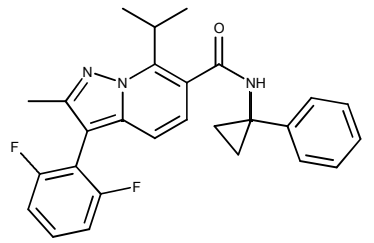
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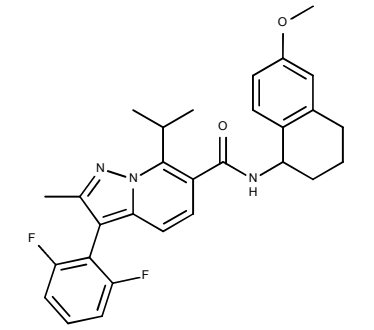
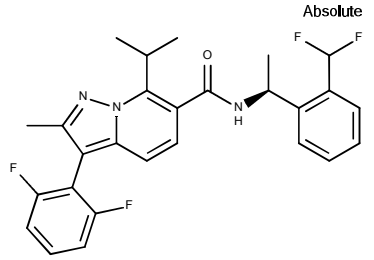
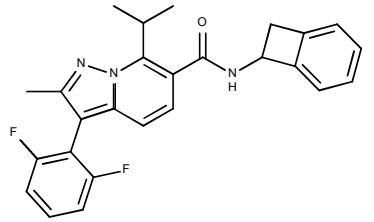
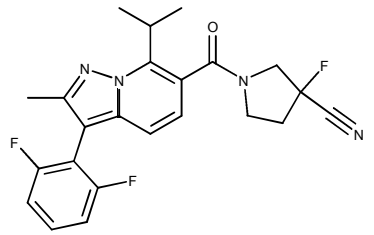
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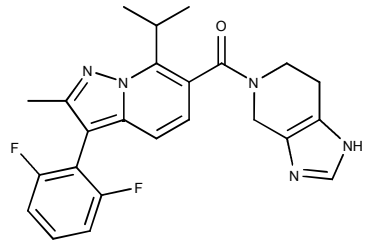
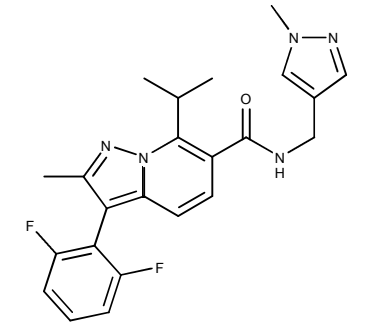
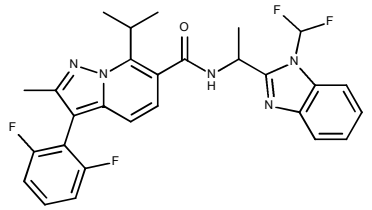
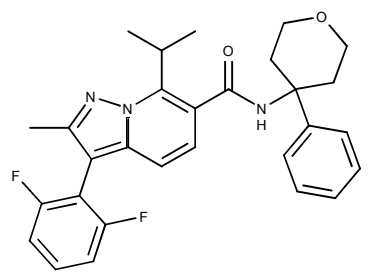
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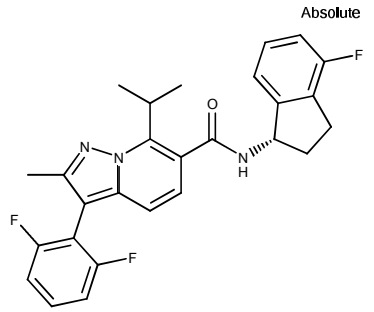
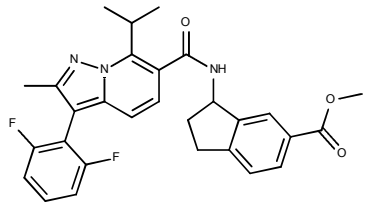
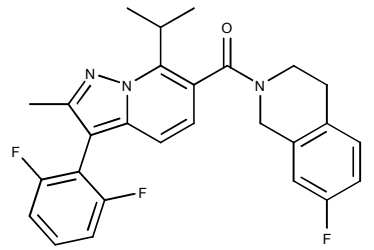
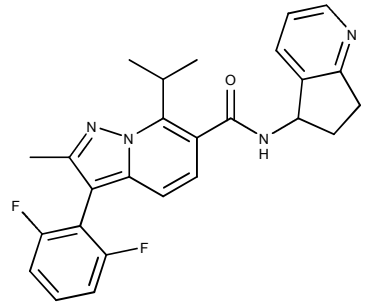
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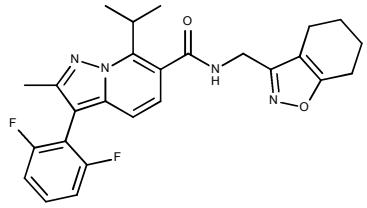
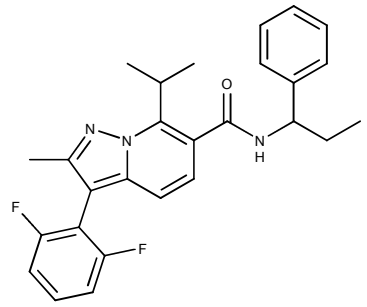
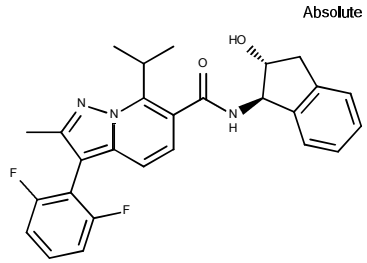
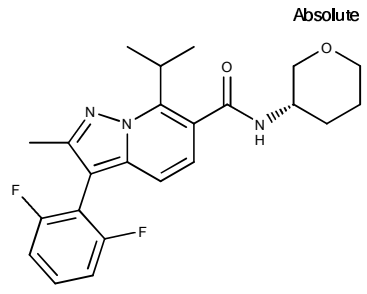
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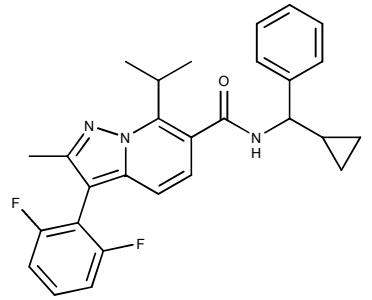
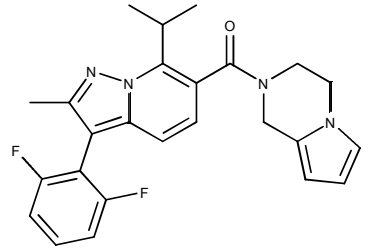
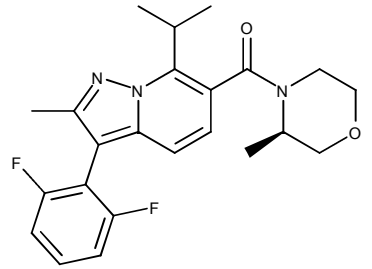
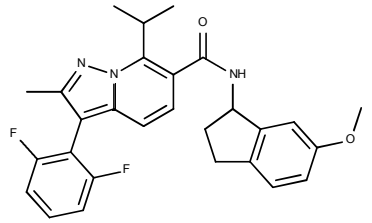
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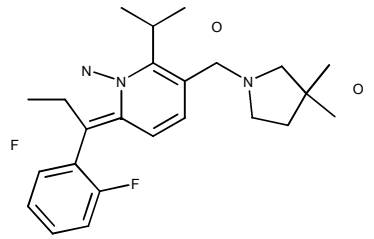
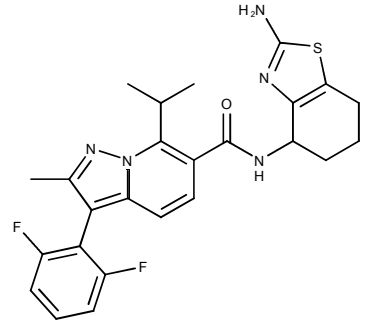
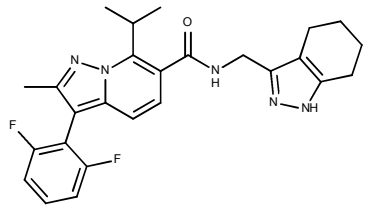
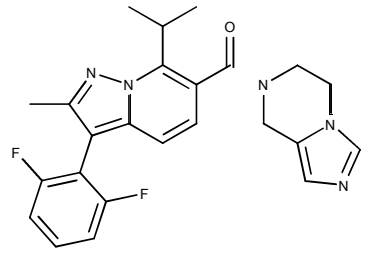
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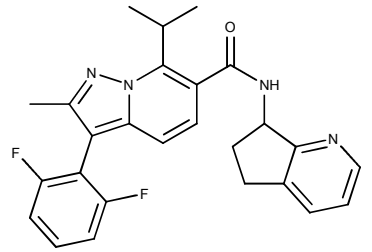
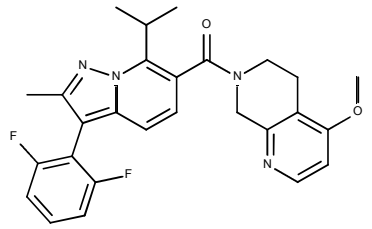
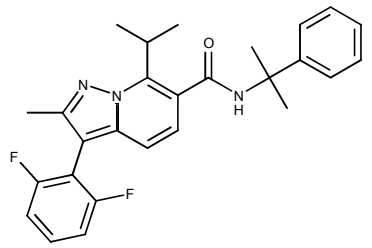
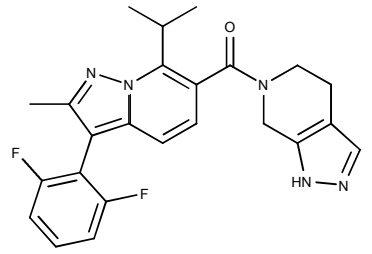
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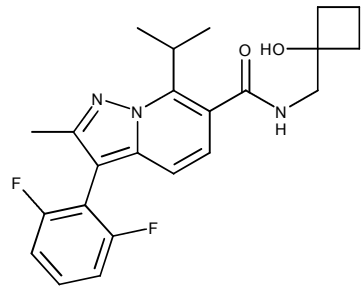
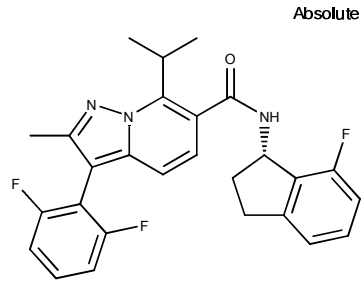
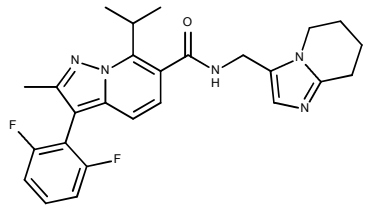
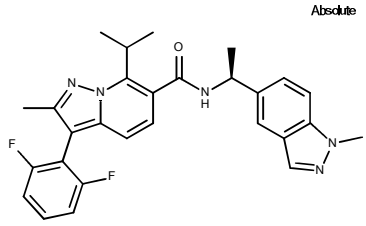
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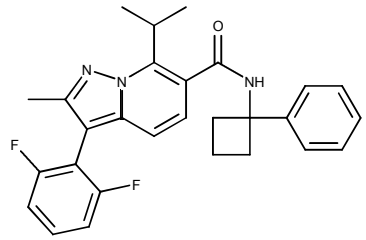
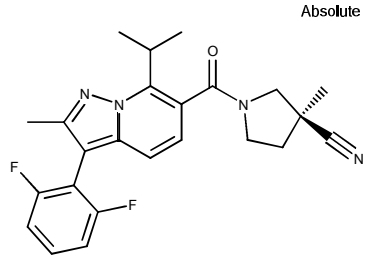
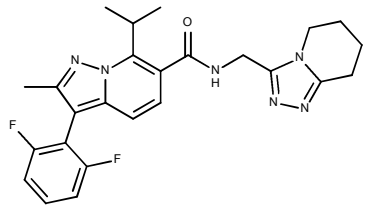
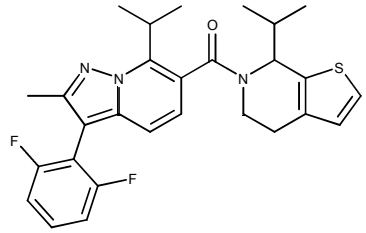
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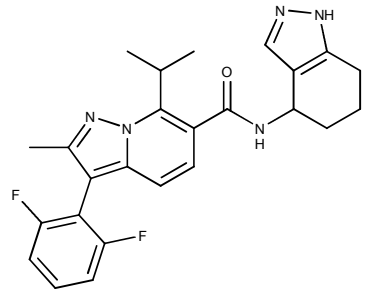
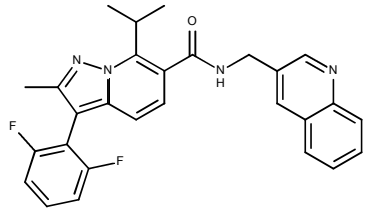
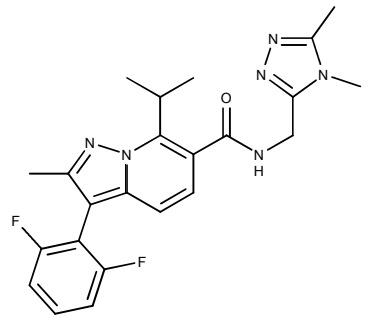
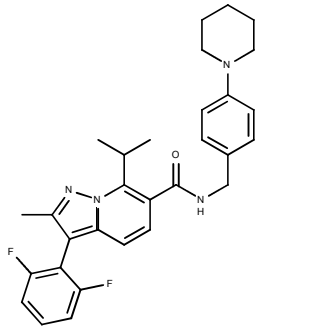
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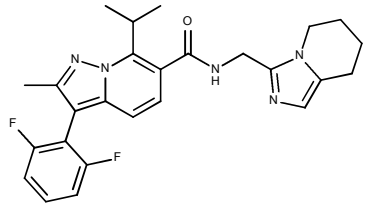
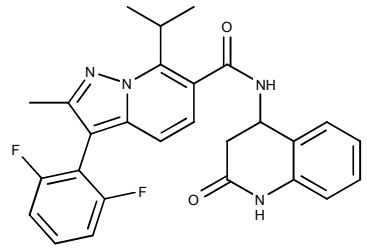
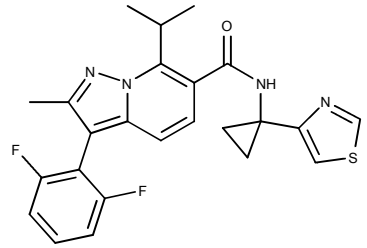
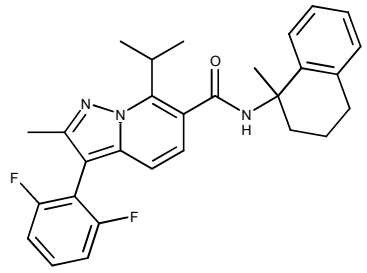
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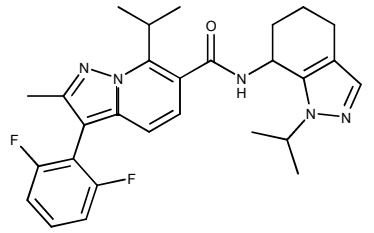
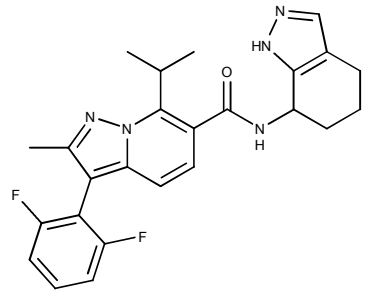
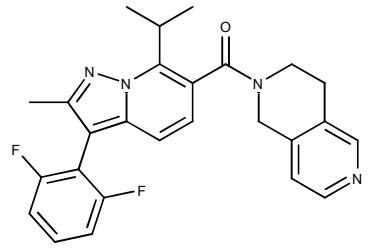
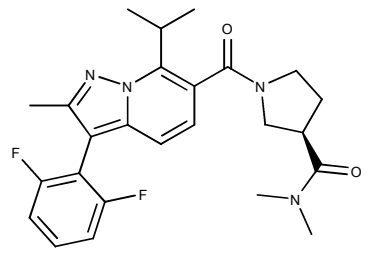
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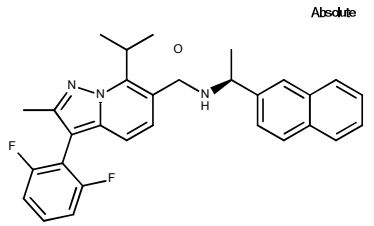
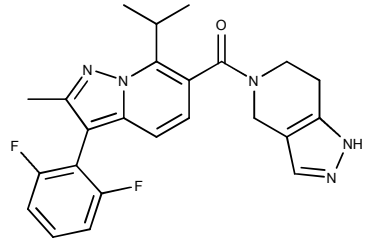
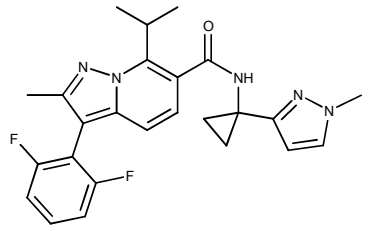
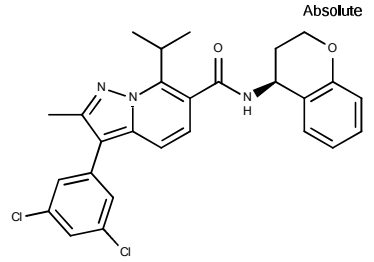
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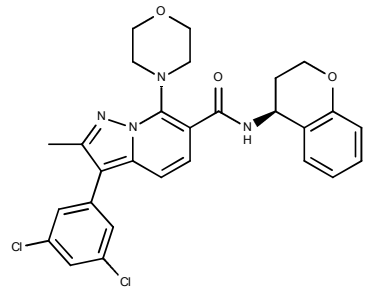
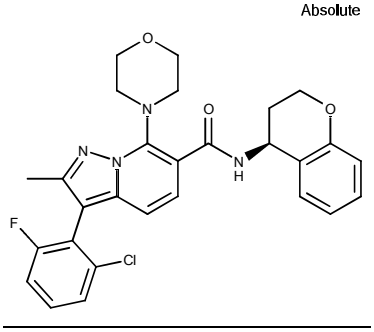
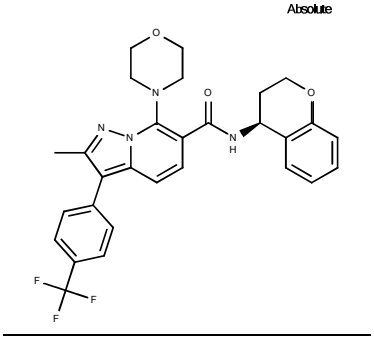
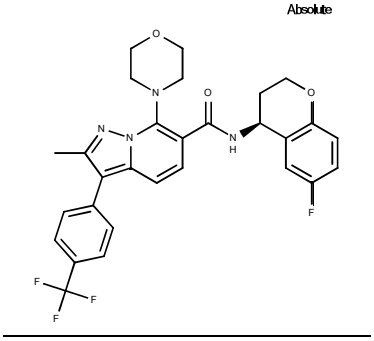
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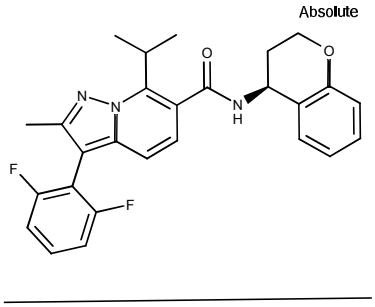
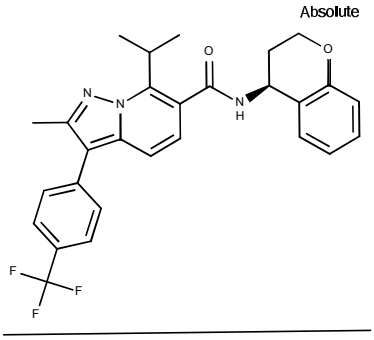
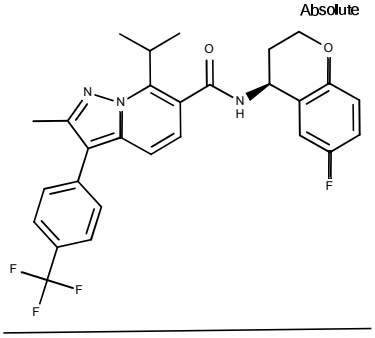
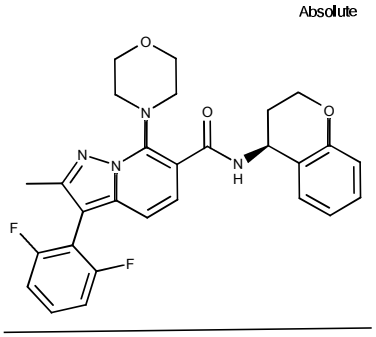
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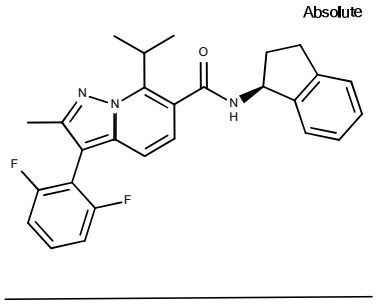
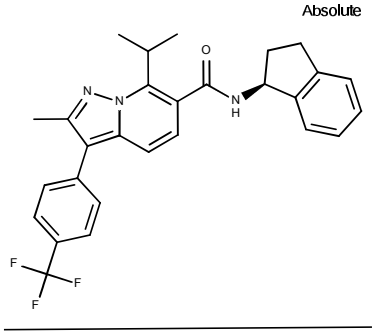
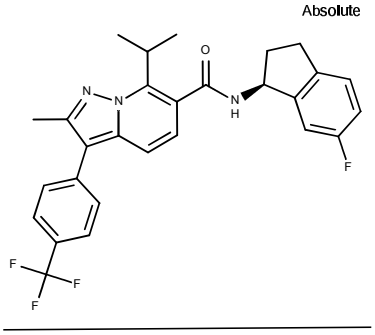
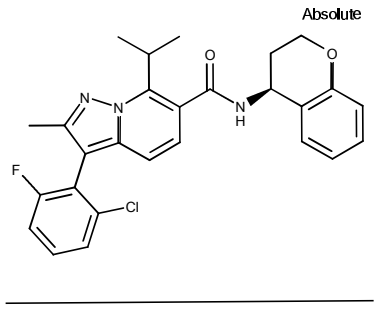
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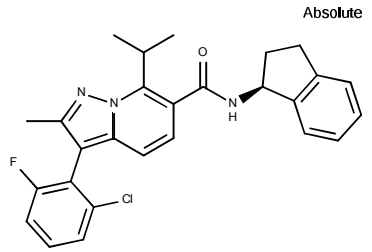
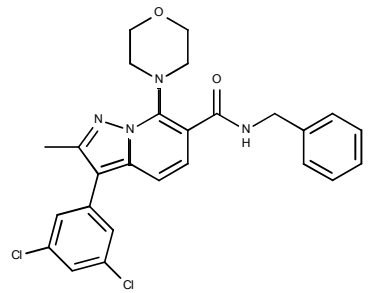
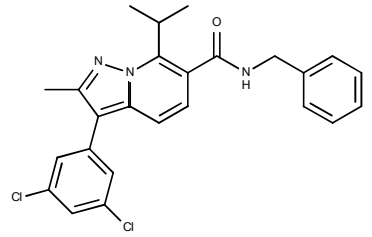
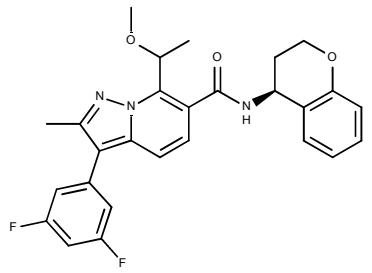
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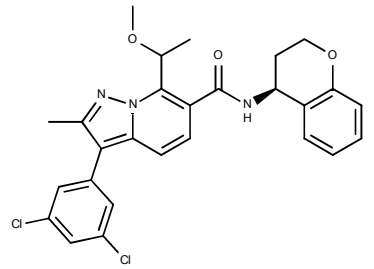
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16. A composition comprising the compound of any one of claims 1 to 15 and a veterinarily acceptable carrier.

17. Use of the compound of any one of claims 1 to 15 or the veterinarily acceptable composition of claim 16 in the manufacture of a medicament for controlling helminths, wherein the medicament is to be administered to a non-human mammal in need thereof.

18. The use of compound of formula (I) according to claim 1 for the preparation of a medicament for the treatment of a mammal infected by helminths.

19. The use of claim 17 wherein the medicament is to be administered dermally, by injection, or orally.