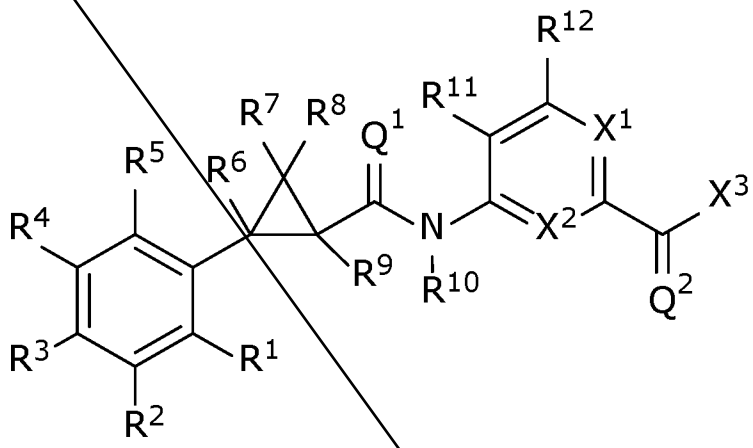
AMENDED CLAIMS
received by the International Bureau on 10 June 2022 (10.06.2022)

1. Compound of Formula(I)



Formula (I)

and N-oxides, veterinary acceptable acid addition salts, salt derivatives, solvates, ester derivatives, crystal polymorphs, isotopes, stereoisomers, and tautomers, for use in a method to control parasite infestations in fish wherein

R^1 is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_3\text{-}C_6)$cycloalkyl, $(C_2\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$cycloalkenyl, $(C_2\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkyl, $(C_3\text{-}C_6)$halocycloalkyl, $(C_2\text{-}C_6)$haloalkenyl, $(C_3\text{-}C_6)$halocycloalkenyl, $(C_1\text{-}C_6)$haloalkoxy, $S(C_1\text{-}C_6)$alkyl, $S(O)(C_1\text{-}C_6)$alkyl, $S(O)_2(C_1\text{-}C_6)$alkyl, $S(C_1\text{-}C_6)$haloalkyl, $S(O)(C_1\text{-}C_6)$haloalkyl, $S(O)_2(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkyl-$S(O)_2NH_2$, and $(C_1\text{-}C_6)$haloalkyl-$S(O)_2NH_2$;

R^2 is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_3\text{-}C_6)$cycloalkyl, $(C_2\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$cycloalkenyl, $(C_2\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkyl, $(C_3\text{-}C_6)$halocycloalkyl, $(C_2\text{-}C_6)$haloalkenyl, $(C_3\text{-}C_6)$halocycloalkenyl, $(C_1\text{-}C_6)$haloalkoxy, $S(C_1\text{-}C_6)$alkyl, $S(O)(C_1\text{-}C_6)$alkyl, $S(O)_2(C_1\text{-}C_6)$alkyl, $S(C_1\text{-}C_6)$haloalkyl, $S(O)(C_1\text{-}C_6)$haloalkyl, $S(O)_2(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkyl-$S(O)_2NH_2$, $(C_1\text{-}C_6)$haloalkyl-$S(O)_2NH_2$, and $S\text{-}(Halo)_5$;

R^3 is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_3\text{-}C_6)$cycloalkyl, $(C_2\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$cycloalkenyl, $(C_2\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkyl, $(C_3\text{-}C_6)$halocycloalkyl, $(C_2\text{-}C_6)$haloalkenyl, $(C_3\text{-}C_6)$halocycloalkenyl, $(C_1\text{-}C_6)$haloalkoxy, $S(C_1\text{-}C_6)$alkyl, $S(O)(C_1\text{-}C_6)$alkyl, $S(O)_2(C_1\text{-}C_6)$alkyl, $S(C_1\text{-}C_6)$haloalkyl, $S(O)(C_1\text{-}C_6)$haloalkyl, $S(O)_2(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkyl-$S(O)_2NH_2$, $(C_1\text{-}C_6)$haloalkyl-$S(O)_2NH_2$, and $S\text{-}(Halo)_5$;

R^4 is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1$-$C_6)$alkyl, $(C_3$-$C_6)$cycloalkyl, $(C_2$-$C_6)$alkenyl, $(C_3$-$C_6)$cycloalkenyl, $(C_2$-$C_6)$alkynyl, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkyl, $(C_3$-$C_6)$halocycloalkyl, $(C_2$-$C_6)$haloalkenyl, $(C_3$-$C_6)$halocycloalkenyl, $(C_1$-$C_6)$haloalkoxy, $S(C_1$-$C_6)$alkyl, $S(O)(C_1$-$C_6)$alkyl, $S(O)_2(C_1$-$C_6)$alkyl, $S(C_1$-$C_6)$haloalkyl, $S(O)(C_1$-$C_6)$haloalkyl, $S(O)_2(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkyl-$S(O)_2NH_2$, $(C_1$-$C_6)$haloalkyl-$S(O)_2NH_2$, and S-$(Halo)_5$;

R^5 is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1$-$C_6)$alkyl, $(C_3$-$C_6)$cycloalkyl, $(C_2$-$C_6)$alkenyl, $(C_3$-$C_6)$cycloalkenyl, $(C_2$-$C_6)$alkynyl, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkyl, $(C_3$-$C_6)$halocycloalkyl, $(C_2$-$C_6)$haloalkenyl, $(C_3$-$C_6)$halocycloalkenyl, $(C_1$-$C_6)$haloalkoxy, $S(C_1$-$C_6)$alkyl, $S(O)(C_1$-$C_6)$alkyl, $S(O)_2(C_1$-$C_6)$alkyl, $S(C_1$-$C_6)$haloalkyl, $S(O)(C_1$-$C_6)$haloalkyl, $S(O)_2(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkyl-$S(O)_2NH_2$, and $(C_1$-$C_6)$haloalkyl-$S(O)_2NH_2$;

R^6 is selected from the group consisting of H and $(C_1$-$C_6)$alkyl;

R^7 is selected from the group consisting of H, F, Cl, Br, and I;

R^8 is selected from the group consisting of F, Cl, Br, and I;

R^9 is selected from the group consisting of H and $(C_1$-$C_6)$alkyl;

Q^1 is selected from the group consisting of O and S;

Q^2 is selected from the group consisting of O and S;

R^{10} is selected from the group consisting of H, $(C_1$-$C_6)$alkyl, $(C_2$-$C_6)$alkenyl, $(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkyl$(C_1$-$C_6)$alkoxy, $C(=O)(C_1$-$C_6)$alkyl, and $(C_1$-$C_6)$alkoxy$C(=O)(C_1$-$C_6)$alkyl;

R^{11} is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1$-$C_6)$alkyl, $(C_3$-$C_6)$cycloalkyl, $(C_2$-$C_6)$alkenyl, $(C_3$-$C_6)$cycloalkenyl, $(C_2$-$C_6)$alkynyl, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkyl, $(C_3$-$C_6)$halocycloalkyl, $(C_2$-$C_6)$haloalkenyl, $(C_3$-$C_6)$halocycloalkenyl, $(C_1$-$C_6)$haloalkoxy, $S(C_1$-$C_6)$alkyl, $S(O)(C_1$-$C_6)$alkyl, $S(O)_2(C_1$-$C_6)$alkyl, $S(C_1$-$C_6)$haloalkyl, $S(O)(C_1$-$C_6)$haloalkyl, $S(O)_2(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkyl-$S(O)_2NH_2$, and $(C_1$-$C_6)$haloalkyl-$S(O)_2NH_2$;

R^{12} is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1$-$C_6)$alkyl, $(C_3$-$C_6)$cycloalkyl, $(C_2$-$C_6)$alkenyl, $(C_3$-$C_6)$cycloalkenyl, $(C_2$-$C_6)$alkynyl, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkyl, $(C_3$-$C_6)$halocycloalkyl, $(C_2$-$C_6)$haloalkenyl, $(C_3$-$C_6)$halocycloalkenyl, $(C_1$-$C_6)$haloalkoxy, $S(C_1$-$C_6)$alkyl, $S(O)(C_1$-$C_6)$alkyl, $S(O)_2(C_1$-$C_6)$alkyl, $S(C_1$-$C_6)$haloalkyl, $S(O)(C_1$-$C_6)$haloalkyl, $S(O)_2(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkyl-$S(O)_2NH_2$, and $(C_1$-$C_6)$haloalkyl-$S(O)_2NH_2$;

X^1 is selected from the group consisting of N, NO, and CR^{13},

wherein R^{13} is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, CHO, $(C_1$-$C_6)$alkyl, $(C_3$-$C_6)$cycloalkyl, $(C_2$-$C_6)$alkenyl, $(C_3$-$C_6)$cycloalkenyl, $(C_2$-$C_6)$alkynyl, $(C_1$-$C_6)$alkoxy, $(C_1$-

C_6)haloalkyl, (C_3-C_6)halocycloalkyl, (C_2-C_6)haloalkenyl, (C_3-C_6)halocycloalkenyl, (C_1-C_6)haloalkoxy, S(C_1-C_6)alkyl, S(O)(C_1-C_6)alkyl, $S(O)_2$(C_1-C_6)alkyl, S(C_1-C_6)haloalkyl, S(O)(C_1-C_6)haloalkyl, $S(O)_2$(C_1-C_6)haloalkyl, (C_1-C_6)alkyl-$S(O)_2NH_2$, (C_1-C_6)haloalkyl-$S(O)_2NH_2$, and triazolyl;

X^2 is selected from the group consisting of N, NO, and C**R^{14}**,

wherein **R^{14}** is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, (C_1-C_6)alkyl, (C_3-C_6)cycloalkyl, (C_2-C_6)alkenyl, (C_3-C_6)cycloalkenyl, (C_2-C_6)alkynyl, (C_1-C_6)alkoxy, (C_1-C_6)haloalkyl, (C_3-C_6)halocycloalkyl, (C_2-C_6)haloalkenyl, (C_3-C_6)halocycloalkenyl, (C_1-C_6)haloalkoxy, S(C_1-C_6)alkyl, S(O)(C_1-C_6)alkyl, $S(O)_2$(C_1-C_6)alkyl, S(C_1-C_6)haloalkyl, S(O)(C_1-C_6)haloalkyl, $S(O)_2$(C_1-C_6)haloalkyl, (C_1-C_6)alkyl-$S(O)_2NH_2$, and (C_1-C_6)haloalkyl-$S(O)_2NH_2$;

X^3 is selected from the group consisting of N(**R^{15}**)(substituted or unsubstituted phenyl), N(**R^{15}**)(substituted or unsubstituted heterocyclyl), and substituted or unsubstituted heterocyclyl,

wherein said **R^{15}** is selected from the group consisting of H, (C_1-C_6)alkyl, (C_2-C_6)alkenyl, (C_2-C_6)alkynyl, (C_1-C_6)haloalkyl, (C_1-C_6)alkyl(C_1-C_6)alkoxy, C(=O)(C_1-C_6)alkyl, and (C_1-C_6)alkoxyC(=O)(C_1-C_6)alkyl,

wherein said substituted phenyl and substituted heterocyclyl has one or more substituents selected from the group consisting of

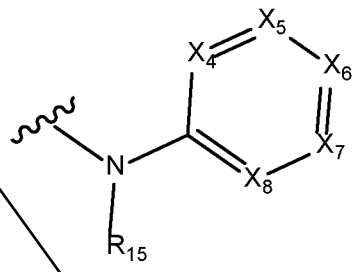
F, Cl, Br, I, H, CN, CHO, NHOH, NO, NO_2, OH, NH_2, (C_1-C_6)alkoxy, (C_1-C_6)alkyl, (C_2-C_6)alkenyl, (C_2-C_6)alkynyl, , (C_1-C_6)haloalkoxy, (C_1-C_6)haloalkyl, (C_2-C_6)haloalkenyl, (C_3-C_6)cycloalkenyl, (C_3-C_6)cycloalkyl, (C_3-C_6)halocycloalkenyl, (C_3-C_6)halocycloalkyl, (C_1-C_6)alkylphenyl, N=CH-phenyl, (C_1-C_6)alkyl-$S(O)_2NH_2$, (C_1-C_6)haloalkyl-$S(O)_2NH_2$, (C_1-C_6)alkyl((C_1-C_6)alkyl)(=NO(C_1-C_6)alkyl), C(=NO(C_1-C_6)alkyl)(C_1-C_6)alkyl, C(O)(C_1-C_6)alkyl, C(O)NH(C_1-C_6)alkyl, C(O)NHphenyl, C(O)O(C_1-C_6)alkyl, CH(=NO(C_1-C_6)alkyl), $NR^{x1}C(O)R^{x2}$, N((C_1-C_6)alkyl)(C(O)(C_1-C_6)alkyl), N((C_1-C_6)alkyl)(C(O)(C_1-C_6)alkyl-O(C_1-C_6)alkyl), N((C_1-C_6)alkyl)(C(O)(C_1-C_6)haloalkyl), N((C_1-C_6)alkyl)(C(O)O(C_1-C_6)alkyl), N((C_1-C_6)alkyl)$_2$, N(C(O)O(C_1-C_6)alkyl)$_2$, NH((C_1-C_6)alkylC(O)(C_1-C_6)alkyl), NH(C_1-C_6)alkyl, NH(C_1-C_6)alkenyl, NH(C_1-C_6)alkynyl, NH(C_1-C_6)alkylphenyl, NH($S(O)_2$(C_1-C_6)alkyl), S(=NCN)((C_1-C_6)alkyl), S(C_1-C_6)alkyl, S(C_1-C_6)haloalkyl, S(O)(=NCN)((C_1-C_6)alkyl), S(O)(C_1-C_6)alkyl, S(O)(C_1-C_6)haloalkyl, $S(O)_2$(C_1-C_6)alkyl, $S(O)_2$(C_1-C_6)haloalkyl, SCN, imidazolyl, oxazolyl, phenyl, pyrazolyl, pyridinyl, thiazolyl, thienyl, pyrrolopyridinyl, and triazolyl,

wherein each alkoxy, alkyl, haloalkoxy, haloalkyl, alkenyl, alkynyl, haloalkenyl, cycloalkenyl, cycloalkyl, halocycloalkenyl, halocycloalkyl, imidazolyl, phenyl, pyrazolyl, pyridinyl, thiazolyl, thienyl, and triazolyl, may be optionally substituted with one or more substituents selected from the group consisting of F, Cl, Br, I, CN, OH, NH(C_1-C_6)alkyl, NH(C_3-C_6)cycloalkylCH_2O(C_1-C_6)alkyl, NH(C_3-C_6)cycloalkylCH_2O(C_1-C_6)haloalkyl, NHCH_2(C_3-C_6)cycloalkyl, NH_2, NO_2, oxo, (C_1-C_6)alkyl, (C_1-C_6)alkyl, (C_1-C_6)alkoxy, and C(O)O-(C_1-C_6)alkyl;

R^{x1} is selected from the group consisting of H and $(C_1\text{-}C_3)$alkyl;

R^{x2} is selected from the group consisting of $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$alkyl, $(C_2\text{-}C_6)$alkenyl, $(C_2\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$haloalkoxy, $(C_1\text{-}C_6)$haloalkyl, $(C_2\text{-}C_6)$haloalkenyl, $(C_3\text{-}C_6)$cycloalkenyl, $(C_3\text{-}C_6)$cycloalkyl, $(C_3\text{-}C_6)$halocycloalkenyl, $(C_3\text{-}C_6)$halocycloalkyl, $(C_1\text{-}C_6)$alkylphenyl, halo$(C_1\text{-}C_6)$alkylphenyl, $(C_1\text{-}C_6)$alkyl-O-$(C_1\text{-}C_6)$alkyl, O$(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkyl-O-$(C_1\text{-}C_6)$haloalkyl, isoxazolyl, isothiazolyl, furanyl, tetrahydrofuranyl, oxazolyl, and pyrazolyl.

2. A compound for use according to any of the preceding claims, wherein **X^3** is



wherein

R^{15} is selected from the group consisting of H, and $(C_1\text{-}C_6)$alkyl;

X^4 is N or CR^{16} wherein R^{16} is selected from the group consisting of H, F, Cl, NH_2, CN, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkoxy, and $(C_1\text{-}C_6)$haloalkoxy;

X^5 is N or CR^{17} wherein R^{17} is selected from the group consisting of H, F, Cl, NH_2, CN, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkoxy, and $(C_1\text{-}C_6)$haloalkoxy;

X^6 is N or CR^{18} wherein R^{18} is selected from the group consisting of H, F, Cl, NH_2, CN, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkoxy, and $(C_1\text{-}C_6)$haloalkoxy;

X^7 is N or CR^{19} wherein R^{19} is selected from the group consisting of H, F, I, Br, Cl, NH_2, CN, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkoxy, and $(C_1\text{-}C_6)$haloalkoxy;

X^8 is N or CR^{20} wherein R^{20} is selected from the group consisting of H, F, Cl, CN, NH_2, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$alkoxy, and $(C_1\text{-}C_6)$haloalkoxy

or wherein **R^{18}** and **R^{19}** or **R^{17}** and **R^{18}** form together with ring they are part of a bicyclic ring selected from the group consisting of pyrrolopyridinyl, pyrazolopyridinyl, and azaindolyl,

or wherein **X^7** is N and forms together with **R^{18}** a 4 to 6 membered ring, wherein the ring formed by R^{18} comprises 0, 1, or 2 heteroatoms selected from the group consisting of O, N and S.

3. A compound for use according to any of the preceding claims, wherein **X^1** is C**R^{13}** and **R^{13}** is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkyl, $(C_1\text{-}C_6)$haloalkoxy, $S(C_1\text{-}C_6)$alkyl, $S(O)(C_1\text{-}C_6)$alkyl, $S(O)_2(C_1\text{-}C_6)$alkyl, and triazolyl.

4. A compound for use according to any of the preceding claims, wherein **X^2** is C**R^{14}** and **R^{14}** is selected from the group consisting of H, F, Cl, Br, I, CN, NH_2, NO_2, $(C_1\text{-}C_6)$alkyl, $(C_2\text{-}C_6)$alkenyl, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkyl, $(C_2\text{-}C_6)$haloalkenyl, and $(C_1\text{-}C_6)$haloalkoxy.

5. A compound for use according to any of the preceding claims, wherein **R^1** is selected from the group consisting of H F, and Cl, preferably H.

6. A compound for use according to any of the preceding claims, wherein **R^5** and **R^6** are each H.

7. A compound for use according to any of the preceding claims, wherein **R^7** and **R^8** are each selected from the group consisting of Cl and Br, preferably **R^7** and **R^8** are each Cl.

8. A compound for use according to any of the preceding claims, wherein, **R^9**, **R^{10}**, and **R^{11}** are each H.

9. A compound for use according to any of the preceding claims, wherein, **R^{12}** is selected from the group consisting H and F.

10. A compound for use according to any of the preceding claims, wherein, **R^{13}** is selected from the group consisting of H, F, Cl, and CH_3.

11. A compound for use according to any of the preceding claims, wherein, **R^{14}** is H or F;

12. A compound for use according to any of the preceding claims, wherein, **R^{15}** is selected from the group consisting of H and CH_3.

13. A compound for use according to any of the preceding claims, wherein, **Q1** and **Q2** are O.

14. A compound for use according to any of the preceding claims, wherein, **R^2** is selected from the group consisting of H, F, Cl, Br, CH_3, OCH_3 and CF_3, preferably R^2 is Cl, F or H.

15. A compound for use according to any of the preceding claims, wherein, **R^3** is selected from the group consisting of H, F, Cl, Br, and CHF_2, CF_3, OCF_3.

16. A compound for use according to any of the preceding claims, wherein, **R^4** is selected from the group consisting of H, F, Cl, Br, CN, CH_3, and CF_3, preferably R^4 is Cl.

17. A compound for use according to any of the preceding claims, wherein,

R1 is selected from the group consisting of H F, and Cl;

R2 is selected from the group consisting of H, F, Cl, Br, CH_3, OCH_3 and CF_3;

R3 is selected from the group consisting of H, F, Cl, Br, and CHF_2, CF_3, OCF_3;

R4 is selected from the group consisting of H, F, Cl, Br, CN, CH_3, and CF_3;

R5 is H;

R6 is H;

R7 is selected from the group consisting of Cl and Br;

R8 is selected from the group consisting of Cl and Br;

R9, **R10**, and **R11** is H;

R12 is selected from the group consisting H and F;

R13 is selected from the group consisting of H, F, Cl, and CH_3;

R14 is H or F;

R15 is selected from the group consisting of H and CH_3;

Q1 and **Q2** are O.

18. A compound for use according to any of the preceding claims, wherein:

R1 is H;

R2 is selected from the group consisting of F, and Cl;

R3 is selected from the group consisting of H, F, and Cl;

R4 is selected from the group consisting of H, F, and Cl;

R5 is H;

R6 is H;

R7 is Cl;

R8 is Cl;

R9, **R10**, and **R11** is H;

R^{12} is selected from the group consisting H and F;

R^{13} is selected from the group consisting of F, Cl, and CH_3;

R^{14} is H;

R^{15} is H;

Q1 and **Q2** are O.

19. A compound for use according to any of the preceding claims, wherein the parasite infestation is a sea lice infestation.

20. A compound for use according to any of the preceding claims, wherein the parasite is at least one of *Lepeophtheirus salmonis*, *Caligus celmensi*, *Caligus curtus*, *Caligus dussumieri*, *Caligus elongates*, *Caligus longicaudatus*, *Caligus rogercresseyi* or *Caligus stromii*.

21. A compound for use according to any of the preceding claims, wherein the parasite infestation is with copepodites, pre-adult, or adult sea lice or a mixed infestation with various stages.

22. A compound for use according to any of the preceding claims, wherein the rate of infestation of the fish is between 0.5 and 3 parasites on average per fish in a fish facility, preferably wherein the parasite is an adult female sea louse.

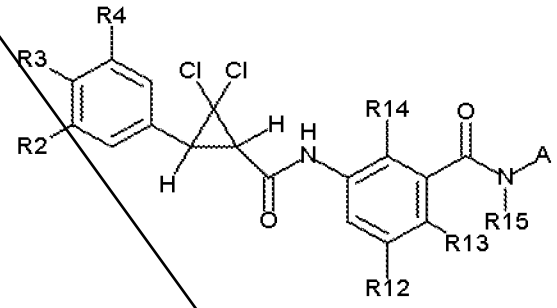
23. A compound for use according to any of the preceding claims, wherein the method comprises administering to fish the compound of Formula(I) as defined in any of the claims 1 to 18 by oral administration, or by topical administration such as by bath treatment or by intraperitoneal or intramuscular injection.

24. A compound for use according to any of the preceding claims, wherein the method comprises administering to fish the compound of Formula(I) as defined in any of the claims 1 to 18 by oral administration, wherein the oral administration comprises administering a medicated fish feed comprising a therapeutically effective amount the compound and fish feed.

25. A compound for use according to any of the preceding claims, wherein the method comprises administering the compound of Formula(I) as defined in any of the claims 1 to 18, by bath treatment, wherein the bath treatment comprises immersion of fish in water with a therapeutically effective amount of a compound.

26. A compound for use according to any of the preceding claims, wherein the fish is a salmonide.

27. Compound of Formula



and N-oxides, veterinary acceptable acid addition salts, salt derivatives, solvates, ester derivatives, crystal polymorphs, isotopes, stereoisomers, and tautomers, wherein the compound is selected from the group consisting of

#	R2	R3	R4	R12	R13	R14	R15	A
1366	Cl	H	Cl	H	Cl	H	H	4,6-difluoro-3-pyridyl
1367	Cl	H	Cl	H	Cl	H	H	2,4-difluoro-3-pyridyl
1368	Cl	H	Cl	F	CH_3	H	H	3,5-difluoro-2-pyridyl
1369	Cl	Cl	H	H	CH_3	F	H	3,5-difluoro-2-pyridyl
1370	Cl	H	Cl	H	Cl	H	H	2,6-difluorophenyl
1371	Cl	H	Cl	H	Cl	H	H	pyrimidin-5-yl
1372	Cl	H	Cl	H	Cl	H	H	5-fluoropyrimidin-2-yl
1373	Cl	H	Cl	H	Cl	H	H	imidazo[1,2-a]pyridin-6-yl
1374	Cl	H	Cl	H	F	H	H	3,5-difluoro-2-pyridyl
1375	Cl	Cl	H	H	Cl	H	H	3,5-difluoro-2-pyridyl
1376	Cl	H	Cl	H	F	H	H	3,5-difluoro-2-pyridyl
1378	Cl	H	Cl	F	Cl	H	H	3,5-difluoro-2-pyridyl
1379	Cl	H	Cl	H	H	F	H	3,5-difluoro-2-pyridyl
1380	Cl	Cl	Cl	H	Cl	H	H	4,6-difluoro-3-pyridyl
1381	Cl	H	Cl	H	Cl	F	H	3,5-difluoro-2-pyridyl
1382	H	Cl	Cl	H	CH_3	F	H	3,5-difluoro-2-pyridyl
1383	Cl	F	Cl	H	Cl	H	H	3,5-difluoro-2-pyridyl
1385	CF_3	H	CF_3	H	Cl	H	H	3,5-difluoro-2-pyridyl
1386	CF_3	H	CF_3	H	Cl	H	H	2,4-difluorophenyl
1387	CF_3	H	CF_3	H	F	H	H	2,4-difluorophenyl

#	R2	R3	R4	R12	R13	R14	R15	A
1388	CF_3	H	CF_3	F	F	H	H	3,5-difluoro-2-pyridyl
1389	Cl	H	CF_3	H	Cl	H	H	3,5-difluoro-2-pyridyl
1390	Cl	H	CF_3	H	Cl	H	H	3,5-difluoro-2-pyridyl
1391	Cl	H	Cl	F	F	H	H	3,5-difluoro-2-pyridyl
1392	F	F	F	H	Cl	H	H	3,5-difluoro-2-pyridyl
1393	F	F	F	H	F	H	H	3,5-difluoro-2-pyridyl
1394	Cl	H	Cl	H	F	F	H	3,5-difluoro-2-pyridyl

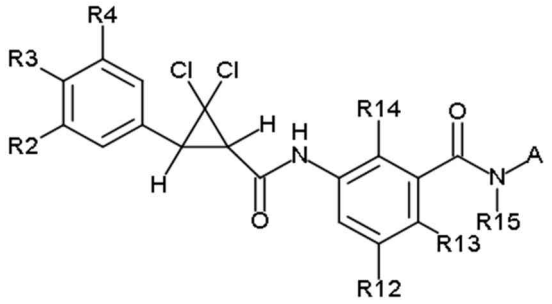
28. A premix comprising a compound of Formula(I) as defined in any one of claim 1 to 18 or 27, wherein the premix further comprises nutrients.

29. The premix according to claim 28, wherein the premix comprises nutrients in the form of pellets wherein the pellets are coated with a composition comprising a compound of Formula(I) as defined in any one of claims 1 to 18 or 27.

30. A medicated fish feed comprising the premix as defined in any of claims 28 to 29 and fish feed.

CLAIMS

1. Compound of Formula



and N-oxides, veterinary acceptable acid addition salts, salt derivatives, solvates, ester derivatives, crystal polymorphs, isotopes, stereoisomers, and tautomers, wherein the compound is selected from the group consisting of

#	R2	R3	R4	R12	R13	R14	R15	A
1366	Cl	H	Cl	H	Cl	H	H	4,6-difluoro-3-pyridyl
1367	Cl	H	Cl	H	Cl	H	H	2,4-difluoro-3-pyridyl
1368	Cl	H	Cl	F	CH_3	H	H	3,5-difluoro-2-pyridyl
1369	Cl	Cl	H	H	CH_3	F	H	3,5-difluoro-2-pyridyl
1370	Cl	H	Cl	H	Cl	H	H	2,6-difluorophenyl
1371	Cl	H	Cl	H	Cl	H	H	pyrimidin-5-yl
1372	Cl	H	Cl	H	Cl	H	H	5-fluoropyrimidin-2-yl
1373	Cl	H	Cl	H	Cl	H	H	imidazo[1,2-a]pyridin-6-yl
1374	Cl	H	Cl	H	F	H	H	3,5-difluoro-2-pyridyl
1375	Cl	Cl	H	H	Cl	H	H	3,5-difluoro-2-pyridyl
1376	Cl	H	Cl	H	F	H	H	3,5-difluoro-2-pyridyl
1378	Cl	H	Cl	F	Cl	H	H	3,5-difluoro-2-pyridyl
1379	Cl	H	Cl	H	H	F	H	3,5-difluoro-2-pyridyl
1380	Cl	Cl	Cl	H	Cl	H	H	4,6-difluoro-3-pyridyl
1381	Cl	H	Cl	H	Cl	F	H	3,5-difluoro-2-pyridyl
1382	H	Cl	Cl	H	CH_3	F	H	3,5-difluoro-2-pyridyl
1383	Cl	F	Cl	H	Cl	H	H	3,5-difluoro-2-pyridyl

#	R2	R3	R4	R12	R13	R14	R15	A
1385	CF_3	H	CF_3	H	Cl	H	H	3,5-difluoro-2-pyridyl
1386	CF_3	H	CF_3	H	Cl	H	H	2,4-difluorophenyl
1387	CF_3	H	CF_3	H	F	H	H	2,4-difluorophenyl
1388	CF_3	H	CF_3	F	F	H	H	3,5-difluoro-2-pyridyl
1389	Cl	H	CF_3	H	Cl	H	H	3,5-difluoro-2-pyridyl
1390	Cl	H	CF_3	H	Cl	H	H	3,5-difluoro-2-pyridyl
1391	Cl	H	Cl	F	F	H	H	3,5-difluoro-2-pyridyl
1392	F	F	F	H	Cl	H	H	3,5-difluoro-2-pyridyl
1393	F	F	F	H	F	H	H	3,5-difluoro-2-pyridyl
1394	Cl	H	Cl	H	F	F	H	3,5-difluoro-2-pyridyl