

Claims

1. An extract or compound for use in masking the odor of a fish semiochemical
5 in water, wherein the attraction between a parasite and a fish in water is reduced,
characterized in that an extract or compound is added to said water or is
administered to a fish in said water, wherein said extract or compound is selected
from;

i) an extract of garlic, or

10 ii) a compound of formula (I);



wherein each R¹ independently of each other is C₁-C₄ alkyl or C₂-C₃ alkenyl or
C₂-C₃ alkynyl.

and wherein said parasite is an ectoparasite being sea lice (*Lepeophtheirus*
15 *salmonis*, *Caligus sp.*).

2. A composition according to claim 1, wherein said fish semiochemical is
isophorone.

20 3. A composition according to claim 1, wherein said fish semiochemical is
1-Octen-3-ol or 6-methyl-5-hepten-2-one.

4. A composition according to claim 1, wherein said fish is a Salmonidae,
preferably selected from the group consisting of Atlantic salmon, Coho salmon,
25 Chinook, rainbow trout, Arctic char and other farmed salmon species .

~~5. A composition according to claim 1, wherein said parasite is an ectoparasite,
and preferably sea lice (*Lepeophtheirus salmonis*, *Caligus sp.*).~~

30 56. A compound for use in masking the odor of a fish semiochemical in water,
wherein the attraction between a parasite and a fish is reduced, or wherein the
infestation or infection of a parasite in a fish is reduced, ~~or,~~ characterized in that said

compound is added to said water or is administered to a fish in said water, wherein said compound is a compound of formula (I);



wherein each R¹ independently of each other is C₁-C₄ alkyl or C₂-C₃ alkenyl or

5 C₂-C₃ alkynyl, and wherein said parasite is an ectoparasite ~~preferably being~~ sea lice (*Lepeophtheirus salmonis*, *Caligus* sp.).

67. A composition according to claim 56, wherein said fish is a Salmonidae, preferably selected from the group consisting of Atlantic salmon, Coho salmon,
10 Chinook, rainbow trout, Arctic char and other farmed salmon species.

78. A feed composition for use in masking the odor of a fish semiochemical in water, wherein the attraction between a parasite and a fish is reduced, or wherein the infestation or infection of a parasite in a fish is reduced, wherein the feed
15 comprises conventional feed ingredients such as lipids, proteins, vitamins, carbohydrates and minerals, and a compound of formula (I);



wherein each R¹ independently of each other is C₁-C₄ alkyl or C₂-C₃ alkenyl or C₂-C₃ alkynyl.

20 ~~and wherein said parasite is an ectoparasite being sea lice (*Lepeophtheirus salmonis*, *Caligus* sp.).~~

89. A feed composition according to claim 87, ~~wherein~~ said compound ~~or extract~~ in the feed ~~are is~~ in a concentration range of 0.01-0,5, preferably in a concentration
25 of 0.125% by weight of the feed.