

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 compound is diallyl disulfide.

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

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

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

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

~~6. 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
30 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 R^1 independently of each other is $\text{C}_1\text{-C}_4$ alkyl or $\text{C}_2\text{-C}_3$ alkenyl or $\text{C}_2\text{-C}_3$ alkynyl, and wherein said parasite is an ectoparasite, preferably sea lice (*Lepeophtheirus salmonis*, *Caligus* sp.).

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7. _____ A composition according to claim 6, wherein said fish is a Salmonidae, preferably selected from the group consisting of Atlantic salmon, Coho salmon, Chinook, rainbow trout, Arctic char and other farmed salmon species.

10 8. _____ 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 comprises conventional feed ingredients such as lipids, proteins, vitamins, carbohydrates and minerals, and a compound of formula (I);

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$$\text{R}^1-\text{S}-\text{S}-\text{R}^1 \text{---} (I)$$

wherein each R^1 independently of each other is $\text{C}_1\text{-C}_4$ alkyl or $\text{C}_2\text{-C}_3$ alkenyl or $\text{C}_2\text{-C}_3$ alkynyl. _____

20 9. _____ A feed composition according to claim 8, said compound or extract in the feed are in a concentration range of 0.01-0,5, preferably in a concentration of 0.125% by weight of the feed.