

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 R<sup>1</sup> independently of each other is C<sub>1</sub>-C<sub>4</sub> alkyl or C<sub>2</sub>-C<sub>3</sub> alkenyl or  
C<sub>2</sub>-C<sub>3</sub> 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.).

30 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  
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<sup>1</sup> independently of each other is C<sub>1</sub>-C<sub>4</sub> alkyl or C<sub>2</sub>-C<sub>3</sub> alkenyl or C<sub>2</sub>-C<sub>3</sub> alkynyl, wherein said compound is diallyl disulfide, 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.

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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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wherein each R<sup>1</sup> independently of each other is C<sub>1</sub>-C<sub>4</sub> alkyl or C<sub>2</sub>-C<sub>3</sub> alkenyl or C<sub>2</sub>-C<sub>3</sub> alkynyl, wherein said compound is diallyl disulfide, and wherein said compound in the feed is in a concentration range of 0.01-0,5% by weight of the feed.

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

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