

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.

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

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

20 4. A compound composition ~~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 compound composition ~~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  $\text{R}^1$  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.

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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  $\text{R}^1$  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.

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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.