

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

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

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

4. A ~~compound composition~~ according to claim 1, wherein said fish is a  
25 Salmonidae, preferably selected from the group consisting of Atlantic salmon, Coho  
salmon, 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 ~~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, and wherein said parasite is an ectoparasite, preferably sea lice (*Lepeophtheirus salmonis*, *Caligus* sp.).~~

~~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.~~

58. 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);



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

69. A feed composition according to claim 58, wherein said compound ~~or extract~~ in the feed are is in a concentration range of 0.01-0,5, preferably in a concentration of 0.125% by weight of the feed.