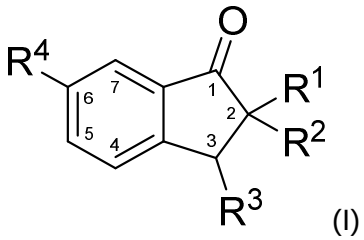
Claims

1. The use of a compound of formula (I)



(I)

as fragrance,

wherein

R^1 is selected from hydrogen, methyl and ethyl;

R^2 is selected from hydrogen, methyl and ethyl, and R^3 is hydrogen;

R^4 is selected from C_2-C_5 alkyl, C_2 – C_5 alkenyl, C_1 – C_4 alkoxy, C_3-C_5 cycloalkyl, and C_3-C_6 cycloalkenyl.

2. The use as fragrance of a compound of formula (I) according to claim 1 selected from the group consisting of:

6-isobutyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-isobutyl-2,3-dihydro-1*H*-inden-1-one;

6-isopropyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-(*tert*-butyl)-2-methyl-2,3-dihydro-1*H*-inden-1-one;

2-methyl-6-propyl-2,3-dihydro-1*H*-inden-1-one;

6-isobutyl-2,2-dimethyl-2,3-dihydro-1*H*-inden-1-one;

6-cyclopropyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-cyclopentyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

2-ethyl-6-isobutyl-2,3-dihydro-1*H*-inden-1-one;

6-ethyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-isopentyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-ethoxy-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-isopropoxy-2-methyl-2,3-dihydro-1*H*-inden-1-one;

2-methyl-6-propoxy-2,3-dihydro-1*H*-inden-1-one;

6-isobutoxy-2-methyl-2,3-dihydro-1*H*-inden-1-one;

2-methyl-6-(2-methylallyl)-2,3-dihydro-1*H*-inden-1-one; and

6-butyl-2-methyl-2,3-dihydro-1*H*-inden-1-one.

3. A fragrance composition comprising as odorant, a compound of formula (I) as defined in claim 1, or a mixture thereof, and a base material.

4. A fragrance composition according to claim 3, wherein the base material is selected from odorant molecules and auxiliary agents.

5. A fragranced article comprising as odorant, a compound of formula (I) as defined in claim 1, or a mixture thereof, and a consumer product base.

6. A fragranced article according to claim 5, wherein the consumer product base is selected from the group consisting of fine fragrance, household products, laundry products, body care products, cosmetic and air care products.

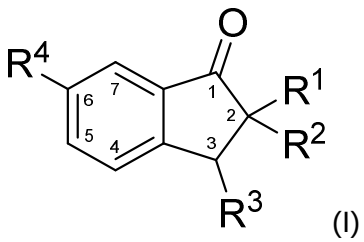
7. A fragranced article according to claim 5 or claim 6, comprising 0.00001 weight % to 90 weight %, of a compound of formula (I) based on the total weight of the article.

8. A fragranced article according to claim 5, comprising at least one compound of formula (I), or a mixture thereof, and at least one ingredient selected from the group consisting of a carrier material and fragrance ingredients.

9. A method of improving, enhancing or modifying a consumer product base by means of addition thereto of an olfactory acceptable amount of a compound of formula (I) as defined in claim 1, or a mixture thereof.

10. A method according to claim 9, wherein the consumer product base is selected from the group consisting of fine fragrance, household products, laundry products, body care products, cosmetic and air care products.

11. A compound of formula (I)



(I)

wherein

R^1 is selected from methyl and ethyl;

R^2 is hydrogen, and R^3 is hydrogen;

R^4 is selected from C_3-C_5 alkyl, C_2 – C_5 alkenyl, C_3-C_4 alkoxy, C_3-C_5 cycloalkyl, and C_3 – C_6 cycloalkenylwith the proviso that R^4 is not isopropyl or tert-butyl, and the compound of formula (I) is not 6-isobutyl-2-methyl-2,3-dihydro-1*H*-inden-1-one, 6-cyclopropyl-2-methyl-2,3-dihydro-1*H*-inden-1-one, 6-isopropoxy-2-methyl-2,3-dihydro-1*H*-inden-1-one, or 2-methyl-6-propoxy-2,3-dihydro-1*H*-inden-1-one .

12. A compound according to claim 11 selected from the group consisting of:

6-isobutyl-2,3-dihydro-1*H*-inden-1-one;

6-isopropyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-(*tert*-butyl)-2-methyl-2,3-dihydro-1*H*-inden-1-one;

2-methyl-6-propyl-2,3-dihydro-1*H*-inden-1-one;

6-cyclopentyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

2-ethyl-6-isobutyl-2,3-dihydro-1*H*-inden-1-one;

6-isopentyl-2-methyl-2,3-dihydro-1*H*-inden-1-one;

6-isobutoxy-2-methyl-2,3-dihydro-1*H*-inden-1-one; and

6-butyl-2-methyl-2,3-dihydro-1*H*-inden-1-one.