ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

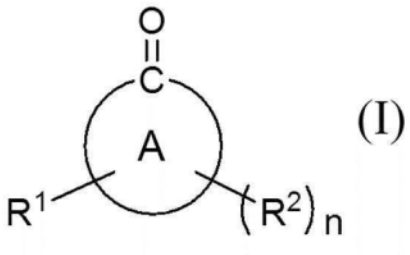
R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the composition comprises at least (A) and (B), and the weight ratio of the content of (A) and the content of (B) (A:B) in the composition is A:B=1:10 to 250.

In another aspect, the present disclosure relates to a method for producing a food, comprising adding at least two compounds selected from the group consisting of

(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-containing heterocycle;

R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and

when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

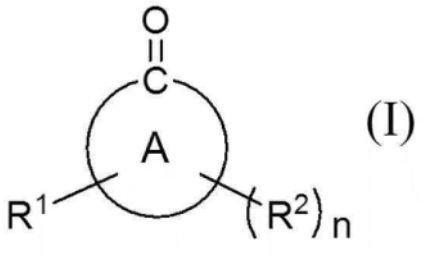
R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the method comprises adding at least (A) and (B), and said (A) and (B) are added such that the weight ratio of the concentration a of (A) and the concentration b of (B) in the food (a:b)is a:b=1:10 to 250.

In another aspect, the present disclosure relates to a food comprising at least two compounds selected from the group consisting of

(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-

containing heterocycle;

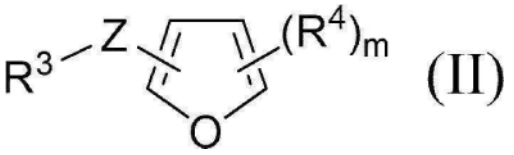
R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):



(II)

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

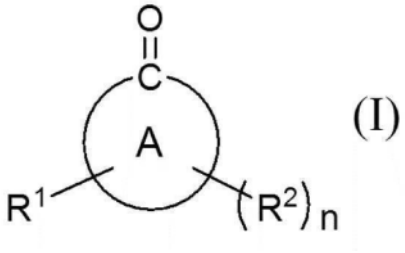
R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the food comprises at least (A) and (B), and the weight ratio of the concentration a of (A) and the concentration b of (B) in the food (a:b) is a:b=1:10 to 250.

In another aspect, the present disclosure relates to a method for enhancing a mouth-coating feel, comprising adding to a food at least two compounds selected from the group consisting of

(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-containing heterocycle;

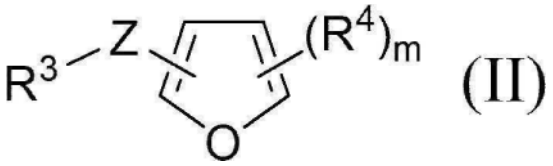
R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):



(II)

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the method comprises adding at least (A) and (B), and said (A) and (B) are added such that the weight ratio of the concentration a of (A) and the concentration b of (B) in the food (a:b) is a:b=1:10 to 250.

[Advantageous Effects]

[0026]

According to the present disclosure, a flavoring composition capable of effectively enhancing a mouth-coating feel can be provided. According to the present disclosure, moreover, a flavoring composition capable of effectively enhancing a mouth-coating feel without imparting an off-flavor to a food can be provided.

According to the present disclosure, a food with an effectively enhanced mouth-coating feel and a production method thereof can be provided. According to the present disclosure, moreover, a food with an effectively enhanced mouth-coating feel and without an off-flavor, and a production method thereof can be provided.

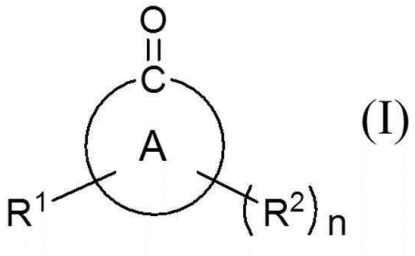
According to the present disclosure, a method capable of effectively enhancing a mouth-coating feel can be provided. According to the present disclosure, moreover, a method capable of effectively enhancing a mouth-coating feel without imparting an off-flavor to a food can be provided.

[Description of Embodiments]

[0027]

[CLAIMS]

1. A flavoring composition comprising at least two compounds selected from the group consisting of
(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-containing heterocycle;

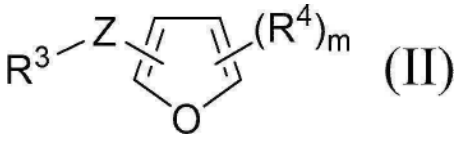
R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):



(II)

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6

carbon atoms;

R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the composition comprises at least (A) and (B), and the weight ratio of the content of (A) and the content of (B) (A:B) in the composition is A:B=1:10 to 250.

2. The composition according to claim 1, wherein said (A) is at least one compound selected from the group consisting of cyclotene, γ-butyrolactone, 2-methyltetrahydrofuran-3-one, α-angelicalactone, maltol, 3-methyl-1,2-cyclohexanedione, γ-dodecanolactone, 5-dodecanolide, 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, and D-camphor.

3. The composition according to claim 1 or 2, wherein said (C) is at least one compound selected from the group consisting of furfural, 2-acetylfuran, 2-acetyl-5-methylfuran, 3-acetyl-2,5-dimethylfuran, furfuryl alcohol, 1-furfurylpyrrole, furfuryl propionate, 5-methylfurfural, and 5-(hydroxymethyl)furfural.

4. The composition according to any one of claims 1 to 3, wherein said at least two compounds selected from the group consisting of (A), (B), and (C) are any of the following (i) to (xviii):

(i) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural

(ii) at least two compounds selected from the group consisting of (A) γ-butyrolactone, (B) β-caryophyllene oxide, and (C) furfural

(iii) at least two compounds selected from the group consisting of (A) 2-methyltetrahydrofuran-3-one, (B) β-caryophyllene oxide, and (C) furfural

(iv) at least two compounds selected from the group consisting of (A) α-angelicalactone, (B) β-caryophyllene oxide, and (C) furfural

(v) at least two compounds selected from the group

consisting of (A) maltol, (B) β-caryophyllene oxide, and (C) furfural

(vi) at least two compounds selected from the group consisting of (A) 3-methyl-1,2-cyclohexanedione, (B) β-caryophyllene oxide, and (C) furfural

(vii) at least two compounds selected from the group consisting of (A) γ-dodecanolactone, (B) β-caryophyllene oxide, and (C) furfural

(viii) at least two compounds selected from the group consisting of (A) 5-dodecanolide, (B) β-caryophyllene oxide, and (C) furfural

(ix) at least two compounds selected from the group consisting of (A) 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, (B) β-caryophyllene oxide, and (C) furfural

(x) at least two compounds selected from the group consisting of (A) D-camphor, (B) β-caryophyllene oxide, and (C) furfural

(xi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetylfuran

(xii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetyl-5-methylfuran

(xiii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 3-acetyl-2,5-dimethylfuran

(xiv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl alcohol

(xv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 1-furfurylpyrrole

(xvi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl propionate

(xvii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-methylfurfural

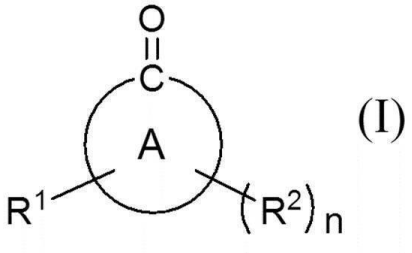
(xviii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-(hydroxymethyl)furfural.

5. The composition according to any one of claims 1 to 4, wherein said at least two compounds selected from the group consisting of (A), (B), and (C) are at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural.

6. The composition according to any one of claims 1 to 5, wherein the composition is for enhancing a mouth-coating feel.

7. The composition according to any one of claims 1 to 6, comprising (A), (B), and (C).

8. A method for producing a food, comprising adding at least two compounds selected from the group consisting of
(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-containing heterocycle;

R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

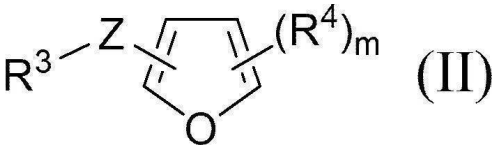
R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a

hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):



(II)

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the method comprises adding at least (A) and (B), and said (A) and (B) are added such that the weight ratio of the concentration a of (A) and the concentration b of (B) in the food (a:b)is a:b=1:10 to 250.

9. The production method according to claim 8, wherein said (A) is at least one compound selected from the group consisting of cyclotene, γ-butyrolactone, 2-methyltetrahydrofuran-3-one, α-angelicalactone, maltol, 3-methyl-1,2-cyclohexanedione, γ-dodecanolactone, 5-dodecanolide, 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, and D-camphor.

10. The production method according to claim 8 or 9, wherein said (C) is at least one compound selected from the group consisting of furfural, 2-acetylfuran, 2-acetyl-5-methylfuran, 3-acetyl-2,5-dimethylfuran, furfuryl alcohol, 1-furfurylpyrrole, furfuryl propionate, 5-methylfurfural, and 5-(hydroxymethyl)furfural.

11. The production method according to any one of claims 8 to 10, wherein said at least two compounds selected from the

group consisting of (A), (B), and (C) are any of the following (i) to (xviii):

(i) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural

(ii) at least two compounds selected from the group consisting of (A) γ-butyrolactone, (B) β-caryophyllene oxide, and (C) furfural

(iii) at least two compounds selected from the group consisting of (A) 2-methyltetrahydrofuran-3-one, (B) β-caryophyllene oxide, and (C) furfural

(iv) at least two compounds selected from the group consisting of (A) α-angelicalactone, (B) β-caryophyllene oxide, and (C) furfural

(v) at least two compounds selected from the group consisting of (A) maltol, (B) β-caryophyllene oxide, and (C) furfural

(vi) at least two compounds selected from the group consisting of (A) 3-methyl-1,2-cyclohexanedione, (B) β-caryophyllene oxide, and (C) furfural

(vii) at least two compounds selected from the group consisting of (A) γ-dodecanolactone, (B) β-caryophyllene oxide, and (C) furfural

(viii) at least two compounds selected from the group consisting of (A) 5-dodecanolide, (B) β-caryophyllene oxide, and (C) furfural

(ix) at least two compounds selected from the group consisting of (A) 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, (B) β-caryophyllene oxide, and (C) furfural

(x) at least two compounds selected from the group consisting of (A) D-camphor, (B) β-caryophyllene oxide, and (C) furfural

(xi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetylfuran

(xii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetyl-5-methylfuran

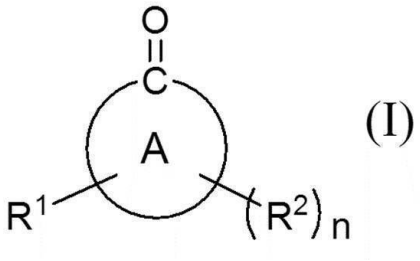
(xiii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 3-acetyl-2,5-dimethylfuran
(xiv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl alcohol
(xv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 1-furfurylpyrrole
(xvi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl propionate
(xvii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-methylfurfural
(xviii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-(hydroxymethyl)furfural.

12. The production method according to any one of claims 8 to 11, wherein said at least two compounds selected from the group consisting of (A), (B), and (C) are at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural.

13. The production method according to any one of claims 8 to 12, wherein the food is a food with an enhanced mouth-coating feel.

14. The production method according to any one of claims 8 to 13, comprising adding (A), (B), and (C).

15. A food comprising at least two compounds selected from the group consisting of
(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-containing heterocycle;

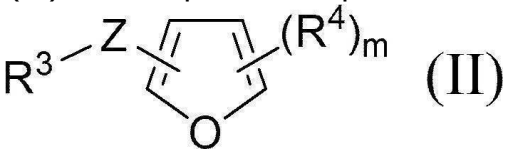
R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):



(II)

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the food comprises at least (A) and (B), and the weight ratio of the concentration a of (A) and the concentration b of (B) in the food (a:b) is a:b=1:10 to 250.

16. The food according to claim 15, wherein said (A) is at least one compound selected from the group consisting of cyclotene, γ-butyrolactone, 2-methyltetrahydrofuran-3-one, α-angelicalactone, maltol, 3-methyl-1,2-cyclohexanedione, γ-dodecanolactone, 5-dodecanolide, 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, and D-camphor.

17. The food according to claim 15 or 16, wherein said (C) is at least one compound selected from the group consisting of furfural, 2-acetylfuran, 2-acetyl-5-methylfuran, 3-acetyl-2,5-dimethylfuran, furfuryl alcohol, 1-furfurylpyrrole, furfuryl propionate, 5-methylfurfural, and 5-(hydroxymethyl)furfural.

18. The food according to any one of claims 15 to 17, comprising any of the following (i) to (xviii) as (A), (B), and (C):
(i) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural
(ii) at least two compounds selected from the group consisting of (A) γ-butyrolactone, (B) β-caryophyllene oxide, and (C) furfural
(iii) at least two compounds selected from the group consisting of (A) 2-methyltetrahydrofuran-3-one, (B) β-caryophyllene oxide, and (C) furfural
(iv) at least two compounds selected from the group consisting of (A) α-angelicalactone, (B) β-caryophyllene oxide, and (C) furfural
(v) at least two compounds selected from the group consisting of (A) maltol, (B) β-caryophyllene oxide, and (C) furfural
(vi) at least two compounds selected from the group consisting of (A) 3-methyl-1,2-cyclohexanedione, (B) β-caryophyllene oxide, and (C) furfural
(vii) at least two compounds selected from the group consisting of (A) γ-dodecanolactone, (B) β-caryophyllene oxide, and (C) furfural

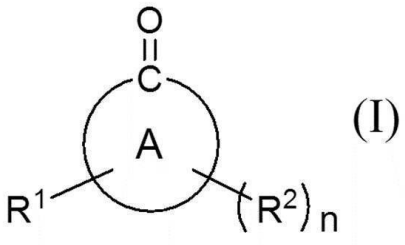
(viii) at least two compounds selected from the group consisting of (A) 5-dodecanolide, (B) β-caryophyllene oxide, and (C) furfural
(ix) at least two compounds selected from the group consisting of (A) 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, (B) β-caryophyllene oxide, and (C) furfural
(x) at least two compounds selected from the group consisting of (A) D-camphor, (B) β-caryophyllene oxide, and (C) furfural
(xi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetylfuran
(xii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetyl-5-methylfuran
(xiii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 3-acetyl-2,5-dimethylfuran
(xiv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl alcohol
(xv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 1-furfurylpyrrole
(xvi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl propionate
(xvii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-methylfurfural
(xviii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-(hydroxymethyl)furfural.

19. The food according to any one of claims 15 to 18, comprising at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural.

20. The food according to any one of claims 15 to 19, wherein the food has an enhanced mouth-coating feel.

21. The food according to any one of claims 15 to 20, comprising (A), (B), and (C).

22. A method for enhancing a mouth-coating feel, comprising adding to a food at least two compounds selected from the group consisting of
(A) a compound represented by the formula (I):



(I)

wherein

ring A is a 5-membered or 6-membered, saturated or unsaturated, carbocycle or oxygen-containing or nitrogen-containing heterocycle;

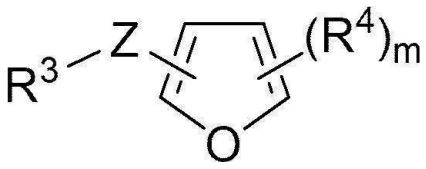
R^1 is an oxo group, a hydroxy group, an alkoxy group having 1 - 4 carbon atoms, an acyloxy group having 1 - 4 carbon atoms, a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), or a hydrogen atom, and when R^1 is a hydrocarbon group having 1 - 8 carbon atoms and optionally having substituent(s), a carbon atom in the hydrocarbon group may be bonded to a carbon atom of ring A to form a crosslinked structure or a saturated or unsaturated ring structure;

R^2 is a hydrocarbon group having 1 - 8 carbon atoms, a hydroxy group, or a hydrogen atom; and

n is an integer of 1 to 3,

(B) β-caryophyllene oxide, and

(C) a compound represented by the formula (II):



(II)

wherein

R^3 is an acyl group having 1 - 6 carbon atoms, a hydroxy group, a pyrrole group, or an acyloxy group having 1 - 6 carbon atoms;

Z is a single bond or an alkylene group having 1 - 6 carbon atoms;

R^4 is a substituent; and

m is an integer of 0 to 3;

wherein the method comprises adding at least (A) and (B), and said (A) and (B) are added such that the weight ratio of the concentration a of (A) and the concentration b of (B) in the food (a:b) is a:b=1:10 to 250.

23. The enhancing method according to claim 22, wherein said (A) is at least one compound selected from the group consisting of cyclotene, γ-butyrolactone, 2-methyltetrahydrofuran-3-one, α-angelicalactone, maltol, 3-methyl-1,2-cyclohexanedione, γ-dodecanolactone, 5-dodecanolide, 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, and D-camphor.

24. The enhancing method according to claim 22 or 23, wherein said (C) is at least one compound selected from the group consisting of furfural, 2-acetylfuran, 2-acetyl-5-methylfuran, 3-acetyl-2,5-dimethylfuran, furfuryl alcohol, 1-furfurylpyrrole, furfuryl propionate, 5-methylfurfural, and 5-(hydroxymethyl)furfural.

25. The enhancing method according to any one of claims 22 to 24, wherein said at least two compounds selected from the group consisting of (A), (B), and (C) are any of the following (i) to (xviii):

(i) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural

(ii) at least two compounds selected from the group consisting of (A) γ-butyrolactone, (B) β-caryophyllene oxide, and (C) furfural

(iii) at least two compounds selected from the group consisting of (A) 2-methyltetrahydrofuran-3-one, (B) β-caryophyllene oxide, and (C) furfural

(iv) at least two compounds selected from the group consisting of (A) α-angelicalactone, (B) β-caryophyllene oxide, and (C) furfural

(v) at least two compounds selected from the group consisting of (A) maltol, (B) β-caryophyllene oxide, and (C) furfural

(vi) at least two compounds selected from the group consisting of (A) 3-methyl-1,2-cyclohexanedione, (B) β-caryophyllene oxide, and (C) furfural

(vii) at least two compounds selected from the group consisting of (A) γ-dodecanolactone, (B) β-caryophyllene oxide, and (C) furfural

(viii) at least two compounds selected from the group consisting of (A) 5-dodecanolide, (B) β-caryophyllene oxide, and (C) furfural

(ix) at least two compounds selected from the group consisting of (A) 4,5-dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, (B) β-caryophyllene oxide, and (C) furfural

(x) at least two compounds selected from the group consisting of (A) D-camphor, (B) β-caryophyllene oxide, and (C) furfural

(xi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetylfuran

(xii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 2-acetyl-5-methylfuran

(xiii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 3-acetyl-2,5-dimethylfuran

(xiv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and

(C) furfuryl alcohol
(xv) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 1-furfurylpyrrole
(xvi) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfuryl propionate
(xvii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-methylfurfural
(xviii) at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) 5-(hydroxymethyl)furfural.

26. The enhancing method according to any one of claims 22 to 25, wherein said at least two compounds selected from the group consisting of (A), (B), and (C) are at least two compounds selected from the group consisting of (A) cyclotene, (B) β-caryophyllene oxide, and (C) furfural.

27. The enhancing method according to any one of claims 22 to 26, wherein the method comprises adding (A), (B), and (C).