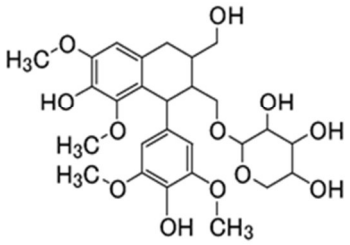
CLAIMS

Claim 1. A green tea beverage comprising a browning-inhibiting composition,

wherein the browning-inhibiting composition comprises:

at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



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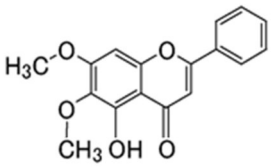
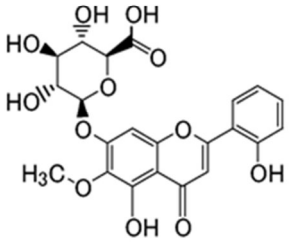


(A-2)



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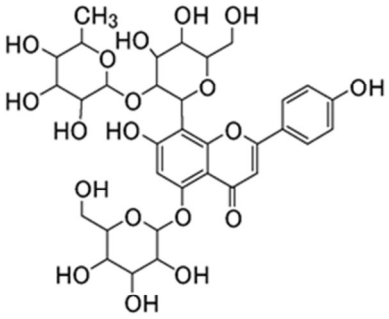

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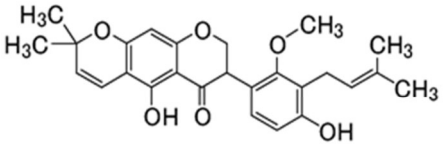


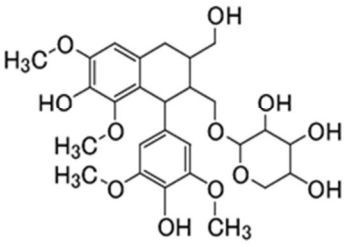
(A-5)

, and

wherein the compound (1) is in an amount of more than 0.04 and up to 10% by mass of the green tea beverage.

Claim 2. A method for inhibiting browning in a green tea beverage, the method comprising:

mixing a browning-inhibiting composition comprising at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



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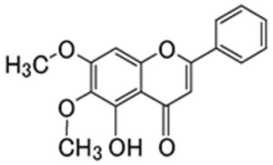

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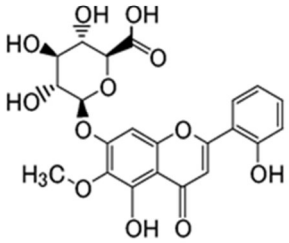

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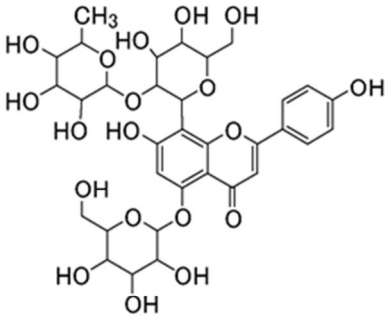

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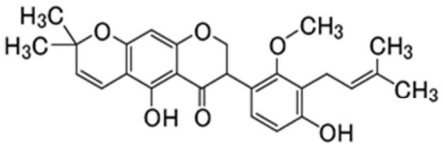


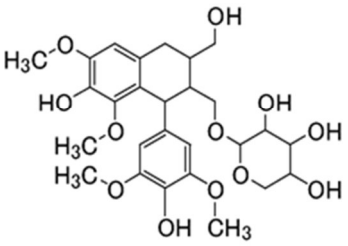
(A-5)

with the green tea beverage,

wherein the compound (1) is in an amount of more than 0.04 and up to 10% by mass of the green tea beverage.

Claim 3. A method for producing a food or drink product, the method comprising:

mixing at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



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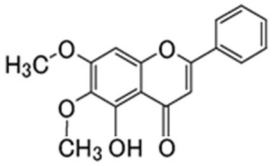

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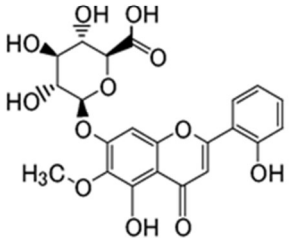

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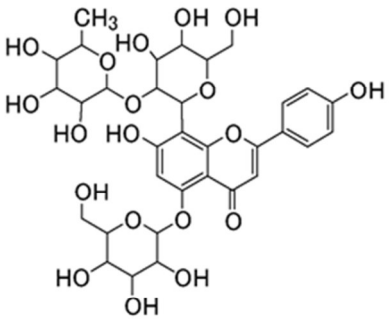

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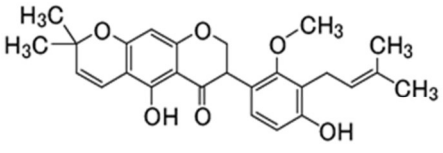


(A-5)

with a polyphenol-containing food or drink product.

Claim 4. The method according to claim 3,

wherein the amount of the compound (1) is 0.001 to 10% by mass relative to the food or drink product.

Claim 5. The production method according to claim 3 or 4,

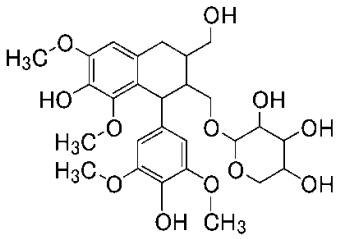
wherein the polyphenols are catechins.

Claim 6. The production method according to any one of claims 3 to 5,

wherein the food or drink product containing polyphenols is a green tea beverage.

Claim 7. A green tea beverage comprising:

at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



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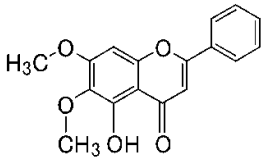

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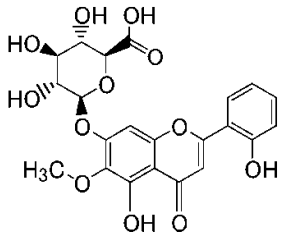

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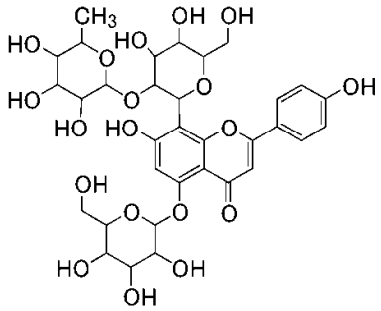

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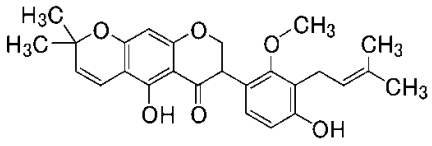


(A-5)

,

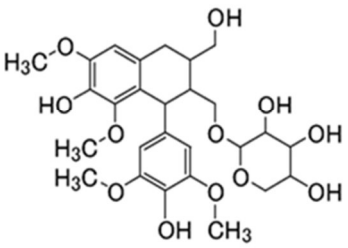
wherein the compound (1) is in an amount of more than 0.04 and up to 10% by mass of the green tea beverage.

Claim 8. The green tea beverage according to claim 7,

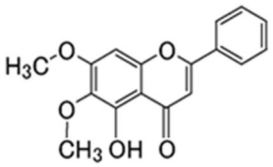
wherein after the green tea beverage is stored at room temperature for nine months, the percentage change in the area under an absorbance spectrum measured with light having a wavelength of 400 to 600 nm or in absorbance measured with light having a wavelength of 487 nm is less than 150%.

Claim 9. A method for suppressing reduction of polyphenols in a polyphenol-containing composition, the method comprising:

mixing the polyphenol-containing composition with at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



(A-1)



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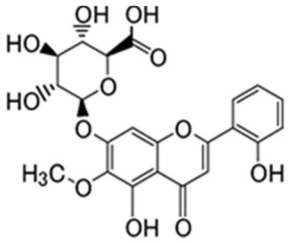

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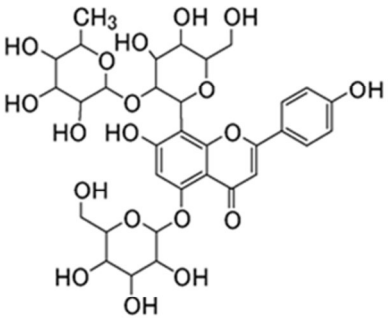

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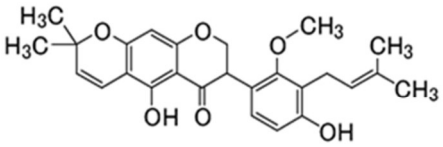

(A-5)

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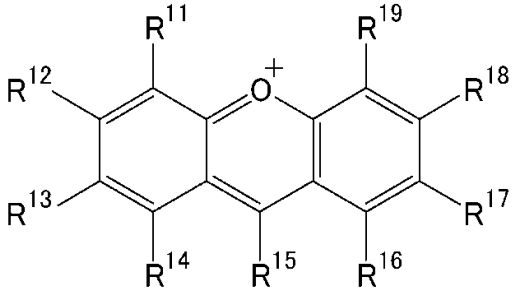
Claim 10. A method for suppressing production of a compound represented by the following formula (2)

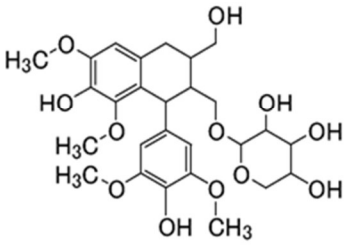


(2)

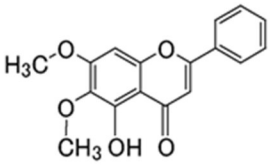
wherein R^{11}, R^{12}, R^{13}, R^{14}, R^{15}, R^{16}, R^{17}, R^{18}, and R^{19} each independently represent a hydrogen atom or a substituent; R^{11} and R^{12}, R^{12} and R^{13}, or R^{13} and R^{14} may be bonded together to form a ring structure with carbon atoms to which these Rs are bonded; and R^{16} and R^{17}, R^{17} and R^{18}, or R^{18} and R^{19} may be bonded together to form a ring structure with carbon atoms to which these Rs are bonded,

in a polyphenol-containing composition, the method comprising:

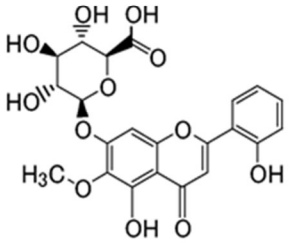
mixing the polyphenol-containing composition with at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



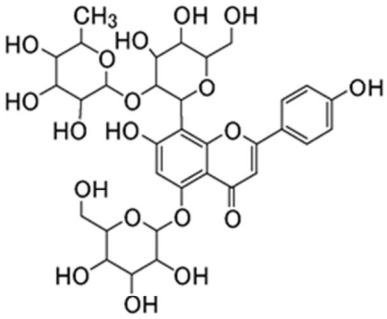
(A-1)



(A-2)



(A-3)



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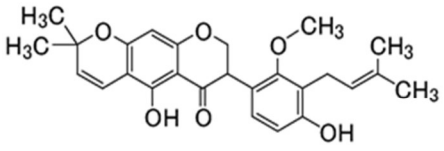

(A-5)

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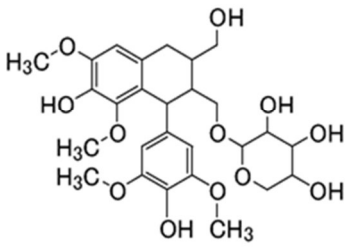
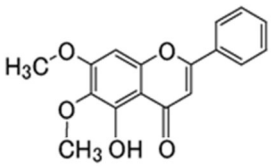
Claim 11. Use of a composition comprising at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the

following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



(A-1)



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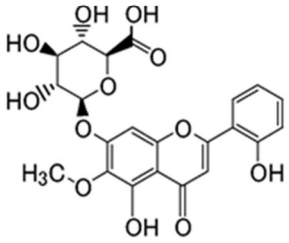

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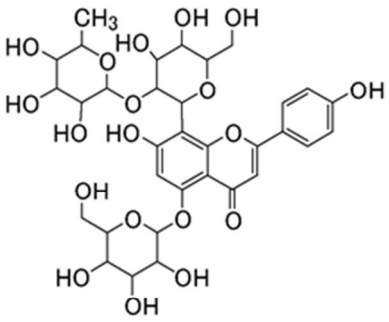

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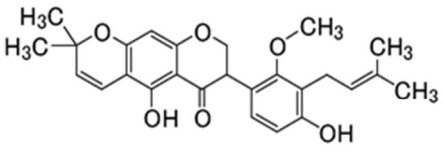


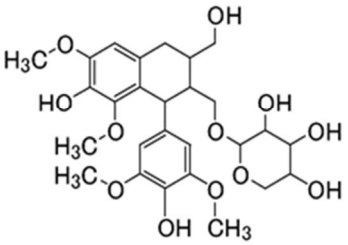
(A-5)

in a green tea beverage to inhibit browning,

wherein the compound (1) is in an amount of more than 0.04 and up to 10% by mass of the green tea beverage.

Claim 12. An aldehyde-scavenging method comprising:

contacting at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



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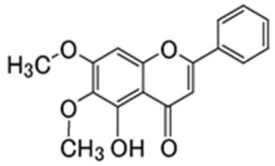

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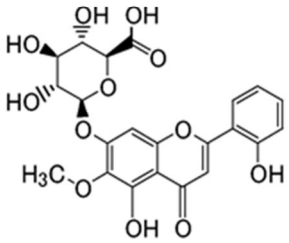

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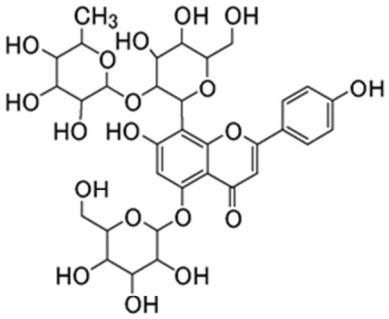

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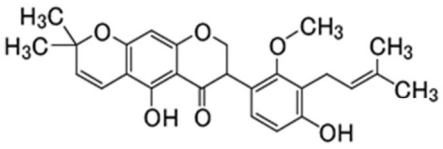
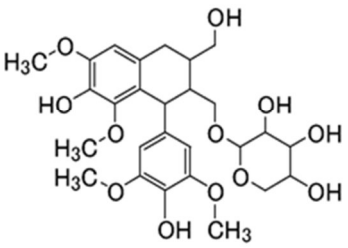


(A-5)

with an aldehyde-containing gas or liquid.

Claim 13. A deodorizing method comprising:

contacting at least one compound (1) selected from the group consisting of: baicalin, baicalin glycosides, a compound represented by the following formula (A-1), a compound represented by the following formula (A-2), a compound represented by the following formula (A-3), a compound represented by the following formula (A-4), a compound represented by the following formula (A-5), chafuroside A, icariin, and scutellarin



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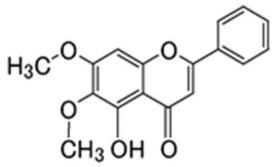

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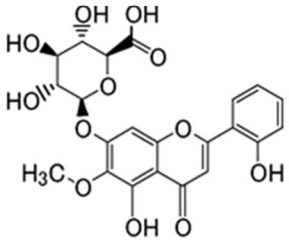

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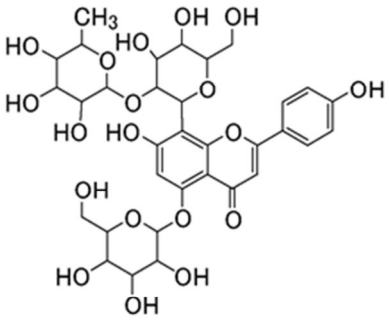

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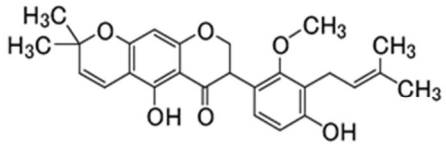

(A-5)

with an aldehyde-containing gas or liquid.

Claim 14. The method according to any one of claims 2-6, 9-10 and 12-13,

wherein the compound (1) is baicalin or baicalin glycosides.

Claim 15. The method according to any one of claims 2-6, 9-10 and 12-13,

wherein the baicalin glycosides is at least one compound selected from the group consisting of baicalin monoglucoside, baicalin diglucoside and baicalin triglucoside.

Claim 16. The green tea beverage according to any one of claims 1, 7 and 8,

wherein the compound (1) is baicalin or baicalin glycosides.

Claim 17. The green tea beverage according to any one of claims 1, 7 and 8,

wherein the baicalin glycosides is at least one compound selected from the group consisting of baicalin monoglucoside, baicalin diglucoside and baicalin triglucoside.

Claim 18. The use according to claim 11,

wherein the compound (1) is baicalin or baicalin glycosides.

Claim 19. The use according to claim 11,

wherein the baicalin glycosides is at least one compound selected from the group consisting of baicalin monoglucoside, baicalin diglucoside and baicalin triglucoside.