CLAIMS

[Claim 1]

Use of a composition comprising a persimmon leaf extract that is obtained by a process comprising extracting persimmon leaves with a 40-60% ethanol-water mixture to yield an ethanol/water extract of persimmon leaves; adsorbing the ethanol/water extract of persimmon leaves onto a column packed with an octadecylsilyl-bonded silica gel; and performing an elution with a 5-10% acetonitrile-water mixture to yield the persimmon leaf extract,

in the manufacture of a medicament for the treatment of a disease selected from the group consisting of diabetes, hyperglycemia, abnormal glucose tolerance, insulin resistance, arteriosclerosis, obesity, dyslipidemia, fat liver and mixtures thereof.

[Claim 2]

The use according to claim 1, wherein the persimmon leaf extract is obtained by a process comprising: extracting persimmon leaves with a 40-60% ethanol–water mixture to yield the ethanol/water extract of persimmon leaves; adsorbing the ethanol/water extract of persimmon leaves onto a column packed with a modified dextran; and performing elution with a 70-100% methanol/water mixture, or a 60-80% acetone/water mixture to yield the persimmon leaf extract.

[Claim 3]

A method for producing a persimmon leaf extract, the method comprising:

extracting persimmon leaves with a 40-60% ethanol-water mixture;

adsorbing an extract obtained in the above extraction step on a column packed with an octadecylsilyl-bonded silica gel; and

performing an elution with a 5-10% acetonitrile-water mixture.

[Claim 4]

A method for producing a persimmon leaf extract, the method comprising:

extracting persimmon leaves with a 40-60% ethanol-water mixture;

adsorbing an extract obtained in the above extraction step on a column packed with a modified dextran; and

performing an elution with a 70-100% methanol/water mixture, or a 60-80% acetone/water mixture.