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(57) Abstract :

The present invention relates to a method for isolating bioactive compounds (108) from the ginkgo biloba plant (102) having anti-cancer property. The method includes collecting and washing leaves (106) of the ginkgo biloba plant (102) to remove impurities. The method further includes drying the washing leaves (106). The method further includes grinding the dried leaves (106) into powder. The method further adding powdered leaves (106) with ethanol (104) to form mixture. The method further allows the prepared mixture to incubate for 24 hours at 60°C to obtain a mixture containing liquid extract and a solid residue. The method further includes filtering the obtained mixture to separate the liquid extract. The method further heating the filtered liquid extract to obtain a concentrated crude extract. The method further purifying the obtained extract to isolate bioactive compounds (108) including flavonoid (108a), terpenoid (108b) and ginkgetin (108c). Finally, analyses of them to determine their concentration.

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