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Comparisons of the Inhibitory Effects of Genistein and Genistin on Lipid Peroxidation of Brain Homogenate *in vitro*

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Abstract: Genistein and its glycoside genistin are isoflavones. The inhibitory effects of genistein and genistin were compared *in vitro*. While genistein inhibited lipid peroxidation of mouse brain homogenate induced by the ferrous ion-hydrogen peroxide, the inhibitory effect of genistin was little. The effect of genistein was similar to that of mannitol as hydroxy radical scavenger.

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