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## **Antioxidative Constituents from *Vitex trifoliae* Fructus (*rotundifolia* L.)**

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Seven phenolic compounds, vanillic acid (1), *threo*-guaiacyl glycerol (3), taxifolin (4), dihydrodehydrodiconiferyl alcohol (5), di alcohol-9-*O*- $\beta$ -D-glucoside (6) and dihydrodehydrodiconiferyl alcohol guaiacyl glycerol ether (7), were separated from the methanol extract of Fructus (Fruit of *Vitex rotundifolia* L.) and their structures were ic

spectroscopic data. In addition, 1, 2, 4-7 and two previously isolated agnuside (8) and VR-I (10-*O*-vanilloyl aucubin) (9) were tested for using the ferric thiocyanate method. These compounds, except 8, exhibited antioxidative activity than 3-*tert*-butyl-4-hydroxyanisole. Moreover, they were investigated for the scavenging effect on 1,1-diphenyl-2-picrylhydrazyl compounds, except 8, showed a potent scavenging effect. Especially, 8 showed almost twice that of  $\alpha$ -tocopherol at a concentration of 0.02 mM.

**Keywords:** [antioxidative constituent](#), [radical scavenger](#), [phenolic compounds](#), [ferric thiocyanate method](#), [Viticis trifoliae Fructus](#), [Vitex rotundifolia](#)

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