

Scoparone Inhibits Ultraviolet Radiation-Induced Lipid Peroxidation

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Antioxidant capabilities of scoparone, the component of *Artemisia scoparia* and other medicinal plants, against lipid peroxidation induced by ultraviolet radiation or Fenton reaction have been analyzed. Lipid peroxidation was monitored by measuring the absorption spectra of the conjugated dienes and quantified by the Klein oxidation index. Obtained results imply that scoparone is a very efficient inhibitor of ultraviolet radiation-induced lipid peroxidation and damage.

Key words: *Artemisia scoparia*, Ultraviolet Radiation, Lipid Peroxidation