

Differential effect of silybin on the Fe²⁺-ADP and t-butyl hydroperoxide-induced microsomal lipid peroxidation

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We have observed a differential effect of silybin dihemisuccinate on rat liver microsomal oxygen consumption and on lipid peroxidation induced by NADPH-Fe²⁺-ADP and t-butyl hydroperoxide.

These results are ascribed to the antioxidant properties of the flavonoid. The differences observed in the effect of the catalysts may be a consequence of the different capacity of silybin to act as a scavenger of free radicals formed by NADPH-Fe²⁺-ADP or t-butyl hydroperoxide. © 1986

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