Antioxidant Properties of Natural p-Terphenyl Derivatives from the Mushroom Thelephora ganbajun

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phenyl compounds from the edible mushroom *Thelephora ganbajun* were investigated. The IC_{50} values of compounds 1-3 for lipid peroxidation in rat liver homogenate were 400, 48,

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 $54 \,\mu\text{M}$, respectively. Compounds $1-\overline{3}$ increased superoxide dismutase (SOD) activity with EC_{50} values of 182, 74, 204 μ m. They were also assessed on the DPPH (1,1-diphenyl-2-picryl-

hydrazyl) radical scavenging activity with EC₅₀ values of 49, 1233, 55 μ m. Key words: Thelephora ganbajun, Terphenyl Derivatives, Antioxidant Activity