

EPR study of radicals of phenolic antioxidants with terpene substituents

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Abstract

First recorded and studied the EPR spectra of phenoxyl radicals of a series of phenols with isobornyl and isocamphyl substituents having high antioxidant activity and promising as drugs. Hyperfine interaction constants of the unpaired electron with the protons was found. Phenoxyl *orto*-isobornyl substituents radicals are less stable than *tert*-butyl substituents radicals was found.