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## 13C NMR Spectra of organic peroxides

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### Abstract

A study has been made of the  $^{13}\text{C}$  NMR spectra of hydroperoxides, peroxides, peroxy esters, and diacyl peroxides. The signal of the carbon atoms of a hydrocarbon radical present in the  $\alpha$ -position relative to the peroxide group is shifted downfield in comparison with the nonperoxide analog. The replacement of -O- by an -OO-group at a carbonyl carbon produces an upfield shift of the signal from this atom. © 1982 Plenum Publishing Corporation.

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