



Iminoxy free radicals derived from diethyl (1-hydroxyimino)phosphonates. An EPR study.

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Streszczenie

Iminoxy radicals containing the diethyl phosphonate group have been synthesized and characterized by means of EPR spectroscopy. Structures of the *Z* and *E* isomers have been established on the basis of hyperfine splitting due to ^{14}N , ^{31}P , and ^1H nuclei. The higher stability of the *E* isomer over the *Z* isomer has been established by analysis of anisotropic spectra. The source of a dependence of the ^{31}P hyperfine constant on the solvent polarity is discussed.

Adres publiczny

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