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Structure and intramolecular mobility of N-(phosphoryl)- -or N-(thiophosphoryl)amides and -thioamides: VIII. Structure of N-(thiophosphoryl)- S-organylbenzimidothioates by NMR spectroscopy

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Abstract

N-(Diisopropoxythiophosphoryl)-and N-(diisopropoxyphosphoryl)-S-organylbenzimidothioates, which contain one and two imidothiol fragments, are structurally homogeneous in solutions. Cis arrangement of the Ph and P(X)(OPr-i)₂ substituents about the C=N bond (E isomer) was deduced from the ³JPNCC constants.
