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C-Phosphorylation of Electron-Rich Heterocycles

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C-PHOSPHORYLATION OF ELECTRON-RICH HETEROCYCLES

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C-phosphorylation of pyrrole, furan, thiophene derivatives and their benzanalogs by phosphorus tribromide has been studied. Perspective methods for involving trivalent phosphorus residues at a different position of the rings have been developed. Unknown early the heterocycle's derivatives with tri- and tetracoordinated phosphorus substituents (1-5) and novel types of phosphoruscontaining heterocycles (6,7) have been obtained.

