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C-Phosphorylation of Electron-Rich Heterocycles by Trivalent Phosphorus Halides

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Convenient methods for introducing dihalogenphosphinogroup at of pyrrole and furan rings have been developed. It was found that dibromphosphinogroup migrated from the second to the third position of the N-methylpyrrole. Convenient methods for phosphorylation of N-alkylcarbazole and iminostilbene have been developed.

Regulations of phosphorylation found were used for synthesis of novel phosphorus-containing heterocycles.