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Synthesis of the first C-phosphorylated pyrrol-2(5H)-one. Quantum chemical calculations of the pyrrol-2(5H)one structures

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Abstract

A new approach to the synthesis of the first C-phosphorylated pyrrol-2(5H)-one is developed. Direct reaction of 3,4-dichloropyrrol-2(5H)-one with P-nucleophiles fails to give the desired compounds. This fact was explained on the basis of quantum-chemical calculations of the pyrrol-2(5H)-one structures. © 1996 MAEe cyrillic signK Hayka/Interperiodica Publishing.
