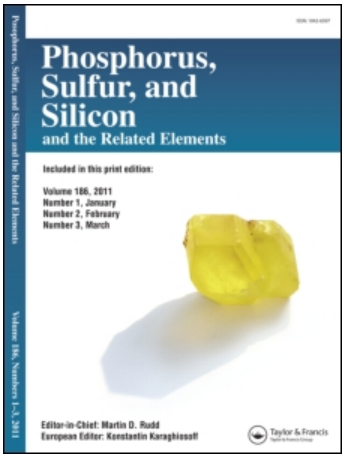

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Reactions ANC Rearangements of Carboxamides Phosphorylated by Tervalent Phosphorus Chlorides

D. M. Malenko[a]; L. I. Nesterova[a]; L. A. Repina[a]; S. N. Lukjanenko[a]; A. D. Sinytsa[a]
[a] Institute of Organic Chemistry, Ukrainian Academy of Sciences, Kiev, USSR

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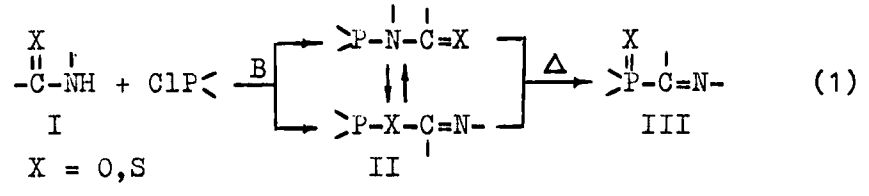
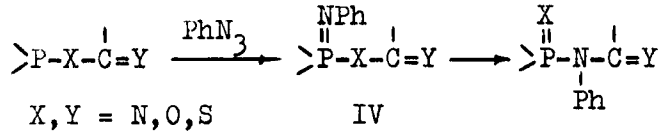
REACTIONS AND REARANGEMENTS OF CARBOXAMIDES PHOSPHORYLATED BY TERVALENT PHOSPHORUS CHLORIDES

D.M.MALENKO, L.I.NESTEROVA, L.A.REPINA, S.N.LUKJANENKO, and A.D.SINYTSA
Institute of Organic Chemistry, Ukrainian Academy of Sciences, Murmanskaya Str. 5, Kiev 252660, USSR

We have found that N-substituted amides of carboxylic or thiocarboxylic acids (I) react with tervalent phosphorus chlorides to give N- and O(S)-phosphorylated derivatives (II) which isomerise into imidoyl(thio)phosphonates (III). The factors determining the ability of the initial products (II) and their iminated derivatives (IV) to participate in diad and triad rearrangements have also been studied.



(1)



The phosphorotropic rearrangements of azaallyl phosphites (V) and oxazaphospholines (VI) obtained by scheme (1) have been observed and investigated.