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The New Synthetic Route to the Dyalkylacylphosphites

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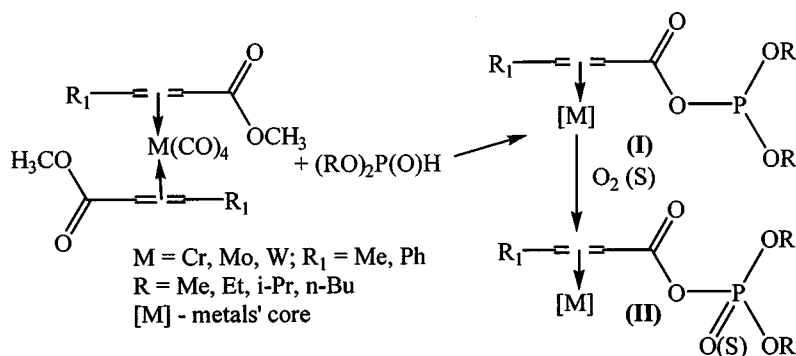
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THE NEW SYNTHETIC ROUTE TO THE DYALKYLACYLPHOSPHITES

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The unsaturated carboxylic acids' esters usually react with the dialkylphosphites according to the A_N mechanism. We have observed the acrylic and cinnamic acids' methyl esters π -coordinated react with the dialkylphosphoric acids forming the dyalkylacylphosphites (**I**).



SCHEME 1

The compounds (**I**) easily oxidize or sulphuridize giving phosphates or thiophosphates (**II**).

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