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Reaction of Trialkyl Phosphites with α,β -Unsaturated Carbonyl Compounds

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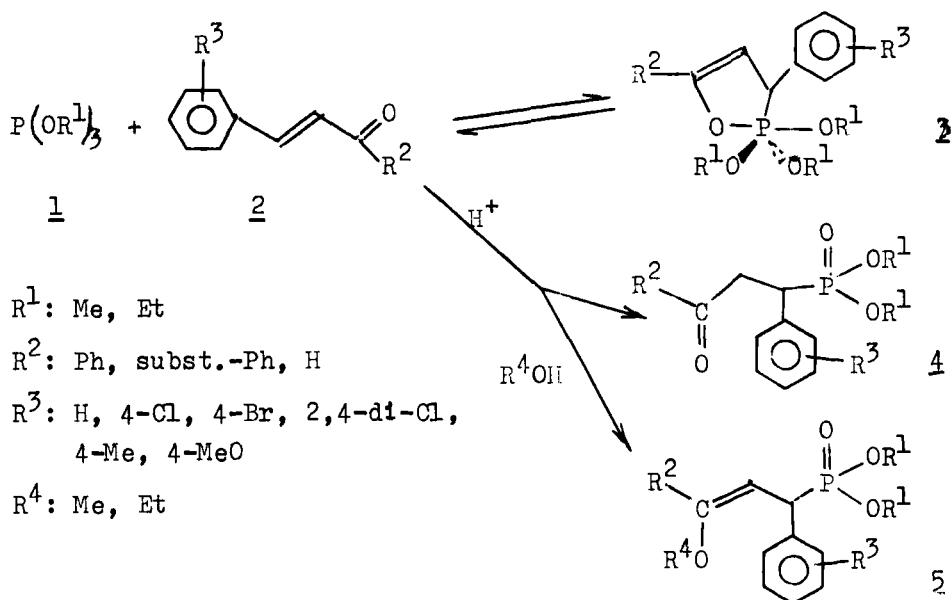
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Reaction of Trialkyl Phosphites with α,β -Unsaturated Carbonyl Compounds

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Reaction of trialkyl phosphites 1 with α,β -unsaturated oxo-compounds 2 gives oxaphospholenes 3 or/and two types of Arbuzov products, γ -keto-phosphonates 4 and alkyl-enol-ethers 5.



The influence of the nature of the substituents and the solvents on the run of the reaction will be discussed and a new intermediate of 3 observed in ^{31}P -NMR will be suggested.