Organo-phosphorus compounds

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A New Approach to 1-Substituted-1,2-alkadiene-phosphonates. Part 3. Synthesis of 2-Keto-5-methyl-3,4-hexadienyl-3-phosphonate Dimethyl Esters. — The synthesis of different 1-keto-substituted allenephosphonate derivatives (VI) using the acetylene-allene rearrangement of α-keto substituted acetylenic alcohol (IV) is reported. — (ENCHEV*, D. D.; Phosphorus, Sulfur Silicon Relat. Elem. 180 (2005) 9, 2127-2130; Dep. Org. Chem., Fac. Chem., K. Preslavski Univ., BG-9700 Shoumen, Bulg.; Eng.) — C. Hettrich