

organo-phosphorus compounds, acyclic O,N,S derivatives

S 0081

35 - 197

**New Feature of Friedel-Crafts Phosphonation of Anisoles: Unexpected in situ Methylphosphorylation Reaction.** — Friedel-Crafts phosphonation of anisoles (I) follows a complex multistep pathway and leads, in dependence on the ratio of the reagents, to methylphosphonates (II) and (IV) or to a mixture of methylphosphoryl derivatives with methylphosphinates (V) as main compounds. This new unexpected in situ methylphosphorylation is of interest for the synthesis of other P-methyl-substituted compounds. — (BACCOLINI, GRAZIANO; BOGA, CARLA; Synlett (1999) 6, 822-824; Dip. Chim. Org. "A. Mangini", Univ. Bologna, I-40136 Bologna, Italy; EN)

