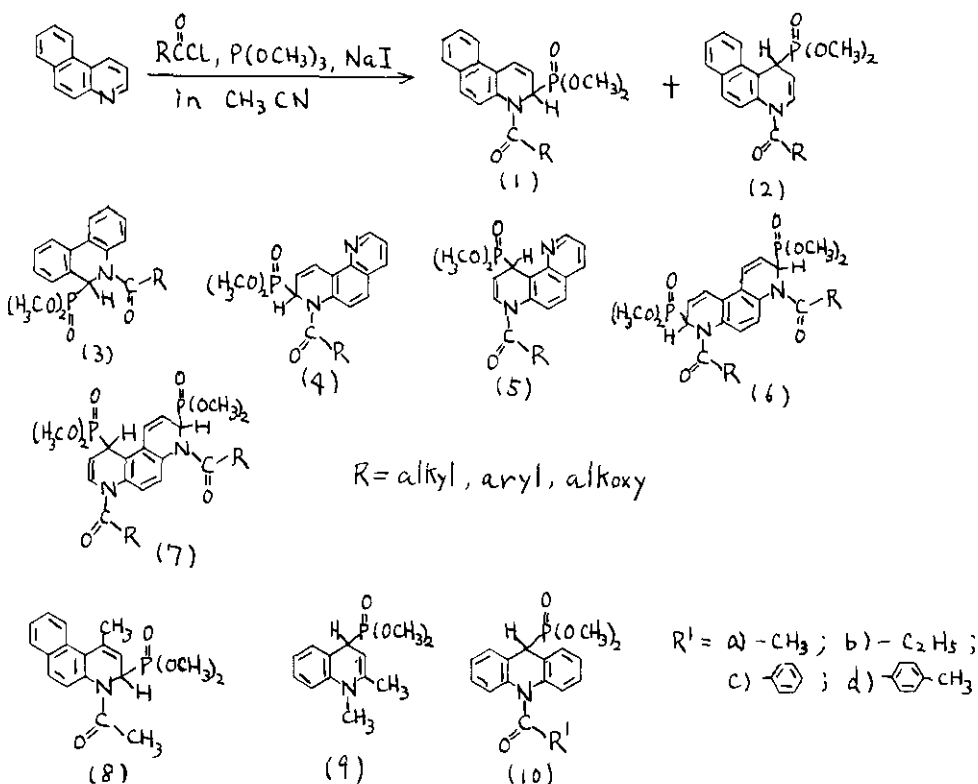


REISSERT TYPE'S REACTION BY USE OF PHOSPHITE (II)

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Reaction of benzo[*f*]quinoline, 1,7-phenanthroline and 4,7-phenanthroline with acyl chloride followed by the addition of trimethyl phosphite and sodium iodide gave the N-heterocyclic α -phosphonates(1,4,6) and γ -phosphonates(2,5,7) respectively. The position of these phosphonates(1,2,4-7) was confirmed by comparison of $^1\text{H-NMR}$ spectral data of phosphonate reported in literature* and synthesized phosphonates (8,9). The same reaction of acridine gave the corresponding phosphonates(10) of Reissert type's compounds which were not obtained in the Reissert reaction.

* K. Akiba, T. Kasai, M. Wada, *Tetrahedron Lett.*, **23**, 1709 (1982).