

FERRATA

I. J. BOROWITZ and M. ANSHEL: Reactions of fluorenones with trivalent and phosphines

Tetrahedron Letters No.16, pp. 1517-1521 (1967)

After much repetition of the treatment of tetrabromophosphorane 6 (from 2,7-dibromofluorenone and triethyl phosphite) with acetonitrile our group now finds that the previously postulated formation of the hydroxyether 14 by Anselhel cannot be repeated. Other compounds are reproducibly formed. A general polar solvent effect is not involved since 6 rearranges to phenanthrone 11 in nitromethane as well as in less polar solvents. Further work on the identity of the products which are formed in acetonitrile is in progress.

J. PUSSET and R. BEUGELMANS: Photoaddition on conjugated dienes and photochemical allylic rearrangement

Tetrahedron Letters No.34, p. 3249

The following reference has been missed:

W. G. DAUBEN, W. T. WIPKE, Organic Photochemistry, Butterworth, London (1964).

The irradiation of a conjugated diene, the 3,10 dimethyl Δ 3,5 hexalin in methanol gives rise, among other products to:

- 3,10 dimethyl 3β methoxy Δ^4 hexalin
- 3,10 dimethyl 3α methoxy Δ^4 hexalin
- 3,10 dimethyl 5β methoxy Δ^3 hexalin

analogous respectively to Compounds 8, 9, and 10.