

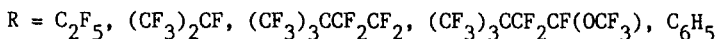
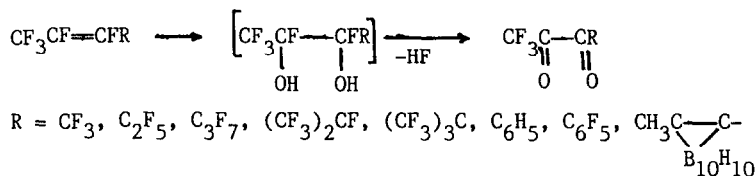
079

## INTERNAL FLUOROOLEFINS IN WAGNER REACTION

S. A. Postovoi, Yu. V. Zeifman and N. I. Deliagina

A. N. Nesmeyanov Institute of Organo-Element Compounds Academy of Sciences of U.S.S.R., Vavilova st. 28, Moscow 117813 (U.S.S.R.)

Internal fluoroolefins are oxidized by  $\text{KMnO}_4$  in mild conditions (acetone-water mixture,  $-20+0^\circ$ ) without cleavage of C-C bond



It has been shown that conversion of substituted 1,2-difluoroethylenes into  $\alpha$ -diketones is a general reaction and provides a new approach to the synthesis of  $\alpha$ -dicarbonyl compounds by means of substitution of fluorine atoms in tetrafluoroethylene molecule followed by oxidation

