

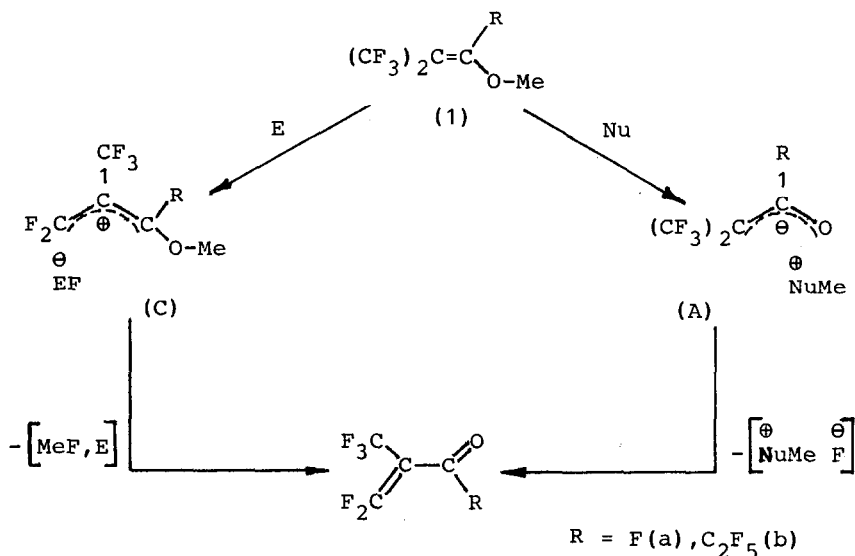
# POLYFLUORINATED ANIONS AND CATIONS AS INTERMEDIATES IN REACTIONS OF VINYLIC ETHERS

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Fluorinated vinylic ethers are rather convenient raw materials for production of  $\alpha,\beta$ -unsaturated carbonylic compounds.

It is found that the conversion of vinylic ethers(1) under the action of either electrophilic(E) or nucleophilic(Nu) agents is proceeded via formation of longlived intermediates - cations(C) and anions(A), correspondently.



The structures of (A) and (C) intermediates are verified by  $^{19}F$  and  $^{13}C$  NMR data. By comparison of spectral parameters of (A) and (C) particles and initial vinylic ethers some information about the distribution of the charge density was obtained.