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## NUCLEOPHILIC ADDITION OF ALCOHOLS TO 1,1-DIFLUOROETHYLENES

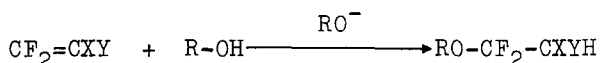
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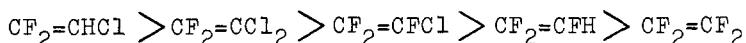
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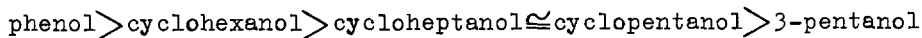
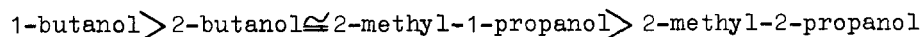
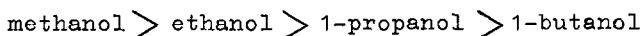
The reactions of 1,1-difluoroethylenes with sodium alkoxides in parent alcohol solutions were studied.



Relative reactivities of 1,1-difluoroethylenes in the competitive addition reaction with methanol were found to be in the following order



Competitive reactions of various alcohols and phenol with chlorotrifluoroethylene were carried out. The order of reactivity of alcohols and quantitative ratios were estimated.



Quantitative analyses of products of the competitive reactions were performed by gas chromatography. The relationship between the relative reactivity and the structure of alcohols and 1,1-difluoroethylenes is discussed.