AMINES CONTAINING FLUOROALKYL GROUPS: METHODS OF SYNTHESIS AND PROPERTIES

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Amines containing fluorine are useful intermediates for the preparation of polymers, dyes and active compounds. Depending on the position of the fluorine in the molecule the fluoroamines show different properties in comparison with the analogous nonfluorinated compounds. The base strength of the amines is for example influenced and thus, connected with this, changes in their chemical reactivity are produced. For each type of amine a different method of synthesis has to be followed. The methods of synthesizing amines of groups (I), (II) and (III) are described: