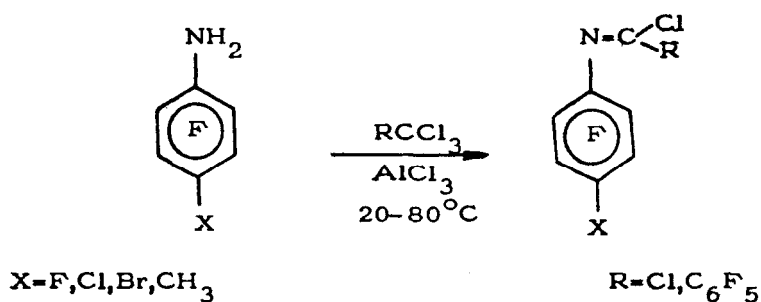


NEW ROUTE TO FLUORINATED ARYLCARBONIMIDOYL CHLORIDES :  
INTERACTION OF POLYFLUOROARYL-AMINES WITH HALOMETHANES IN THE  
PRESENCE OF LEWIS ACIDS

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Recently we have described the preparation of polyfluoroarylcarbonimidoyl chlorides by high-temperature copyrolysis of polyfluoroaromatic amines with  $\text{CCl}_4$  or pentafluorobenzotrichloride. In presented paper we wish to report a new and convenient route to carbonimidoyl chlorides by interaction of polyfluoroaromatic amines with  $\text{CCl}_4$  or pentafluorobenzotrichloride in the presence of  $\text{AlCl}_3$  at ordinary temperature. This method gives carbonimidoyl chlorides in high yields.



Polyfluorinated carbonimidoyl chlorides of naphthalene can be also obtained. The possibility of synthesis of both nonfluorinated and polychlorinated arylcarbonimidoyl chlorides, as well as

utilization of another halomethanes and Lewis acids will be discussed. Polyfluorinated carbonimidoyl chlorides can be transformed to N-trifluoromethylpolyfluoroanilines according to the following scheme:



A number of reactions of polyfluoroarylcyanimidoyl chlorides and the mechanistic details of the titled reactions will be considered.