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## SOME FLUORINATED SULFUR AND NITROGEN COMPOUNDS — SYNTHESIS, STRUCTURE AND REARRANGEMENTS

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Syntheses and structural studies of fluorinated compounds which contain nitrogen and/or sulfur as well as other Group V and VI elements continue to tweak the imagination of the fluorine chemist. For example, the substitution of a trifluoromethyl group or a chlorine atom for a fluorine atom of  $\text{SF}_6$  or a trifluoromethyl group and a chlorine atom for two fluorine atoms of  $\text{SF}_6$  modifies the chemical behavior of the resulting compounds significantly. Additionally, polyazacycloalkanes provide excellent substrates for the preparation of families of new heterocycles and their acid derivatives.