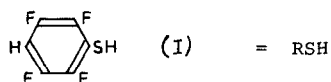


SOME CHEMISTRY OF 2,3,5,6-TETRAFLUOROBENZENETHIOL

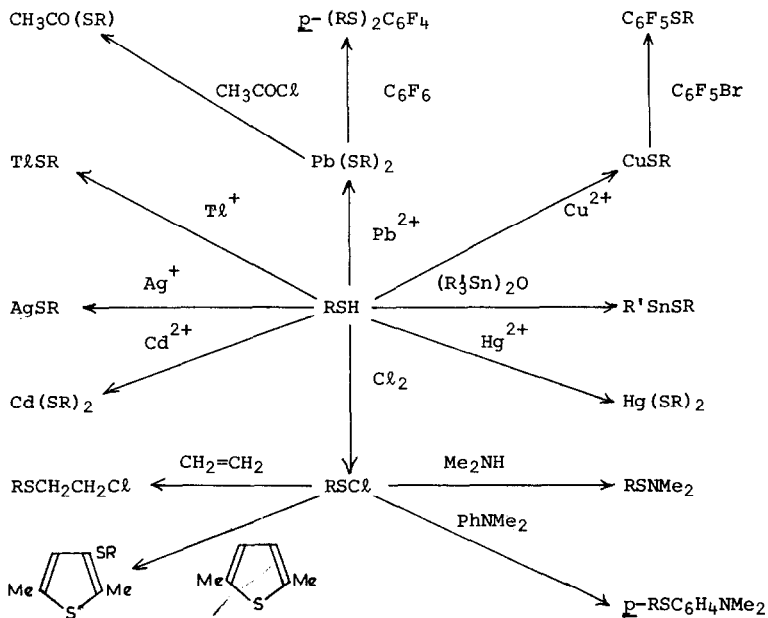
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The chemistry of 2,3,5,6-tetrafluorobenzenethiol (I) has been studied and



compared with that of pentafluorobenzenethiol and benzenethiol. Some of the reactions are shown schematically below:



The new products have been characterized by chemical analysis, mass, NMR (H-1 and F-19) and infrared spectroscopy.

The reactions are typical of aromatic thiols and indicate that the electronegativity of the $\text{HC}_6\text{F}_4\text{S}$ group is less than that of chlorine and probably comparable to that of the $\text{C}_6\text{F}_5\text{S}$ group.