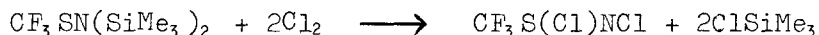


CF₃S-SUBSTITUTED CYCLIC SULPHUR-NITROGEN DERIVATIVES AND THEIR MONOMERES

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Trifluoromethylmercaptoamine reacts in the presence of R₃N (R = methyl, ethyl, buthyl) with other bifunctional molecules such as SCl₂, S₂Cl₂, SOCl₂, SO₂Cl₂ to give only undefined products. The sulphurchlorides are also not able to cleave the Si-N-bond in the newly prepared CF₃SN(SiMe₃)₂ and CF₃SSN(SiMe₃)₂. Halogenes, however, react with the Si-N-bond to give sulphurimides according to



In the presence of sterically hindered amines like chinoline or acridine the reaction between CF₃SNH₂ and sulphurchlorides provides monomeres. e.g.



A cyclic S-N-compound was prepared from S₃N₂Cl₂ and Hg(SCF₃)₂.

Several monomeres, cyclic compounds and polymeres will be presented.