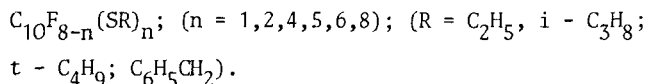


ALKYLTHIODERIVATIVES AND SULFONIC ACIDS OF FLUORO NAPHTHALINES

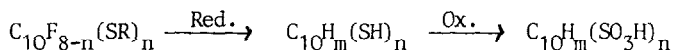
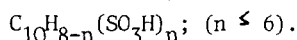
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Nucleophilic substitution of fluorine by thiolat anion in octafluoro naphthalene yielded the series of compounds



Reductive fragmentation by Na in HMPA converts Polyfluoropoly (alkylthio) naphthalenes into polymercapto naphthalenes, which on oxidation give a series of naphthalene polysulfonic acids



Hydrogenation of $C_{10}F_{8-n}(SR)_n$ compounds on Raney nickel gives the corresponding $C_{10}H_nF_{8-n}$ compounds. These are new educts for the preparation of $C_{10}H_n(SR)_{8-n}$; $C_{10}H_n(SH)_{8-n}$ and $C_{10}H_n(SO_3H)_{8-n}$ compounds.