

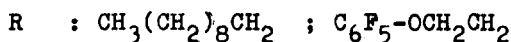
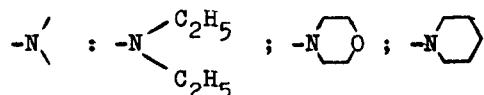
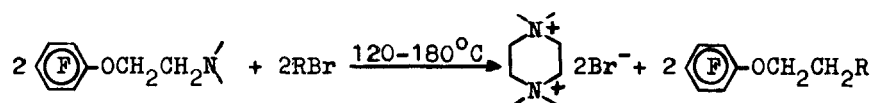
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# UNUSUAL TRANSFORMATION OF POLYFLUOROAROMATIC AMINOETHERS IN THE REACTION WITH ALKYLHALOGENIDES TO FORM PIPERAZINIUM SALTS

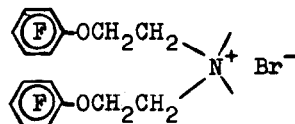
Günter Engler\*, Olga I. Osina, Viatcheslav E. Platonov, Dietrich Prescher and Alexander V. Sewer

Zentralinstitut für Organische Chemie, Akademie der Wissenschaften der DDR, Rudower Chaussee 5, DDR-1199 Berlin (G.D.R.) and Institute of Organic Chemistry, Siberian Division of the Academy of Science of the U.S.S.R., 630090 Novosibirsk (U.S.S.R.)

An unusual transformation to piperazinium salts was found during the reaction between pentafluorophenoxy-ethylamino derivatives and alkylbromides.



One way to obtain such a transformation could be the formation of an ammonium salt as a intermediate product, i.e.



This salt was prepared by the same reaction at milder temperature. It was destroyed by heating to higher temperature (about  $180^\circ\text{C}$ ) under formation of a piperazinium salt.

