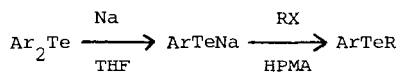


SOME NEW DIORGANYL TELLURIDES AND SELENIDES AND THEIR DERIVATIVES

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Organyl telluride anion provides a convenient precursor for the synthesis of unsymmetrical diorganyl tellurides. We have observed that diaryl ditellurides on reacting with sodium in THF generate aryl telluride anions. The latter have been used to obtain unsymmetrical diorganyl tellurides in high yields under mild conditions.



The new diorganyl tellurides of the types $\text{ArTeCH}_2\text{CF}_3$ have been prepared and characterised. The corresponding selenium derivatives have been obtained by the reaction of selenolate anion with tosyl ester of 2,2,2-trifluoroethanol. Various new derivatives of these tellurides/selenides, containing fluorinated ligands, have been prepared and will be discussed.