

## (POLYFLUOROORGANYL)TRIMETHYLSILANES IN SYNTHESIS OF FLUOROORGANIC COMPOUNDS

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The paper considers the use of (polyfluoroorganyl)trimethylsilanes  $R_F\text{SiMe}_3$  in the presence of fluoride ions for the introduction of polyfluorinated groups  $R_F$  ( $R_F$  = polyfluoroaryl, polyfluoroalkenyl or polyfluoroalkyl) into the molecules of carbonyl compounds and polyfluorinated alkenes, azalkenes, cycloalkenes and arenes. Peculiarities and applications of these processes are disclosed. Mechanism of the transformations is discussed.

