

APPROACHES TO THE SYNTHESIS OF STABLE FLUORINATED ORGANO-METALLICS

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The direct preparation of stable perfluoroalkenyl organometallic reagents, $R_FCF=CFMX$ (M - Cd, Zn, Cu) will be described, and illustrative examples of the application of these reagents in the stereospecific synthesis of polyfunctionalized organofluorine compounds will be presented.

In addition, a new and novel approach for the direct conversion of dihalodifluoromethanes to stable trifluoromethyl organometallics will be described and the mechanistic details of this unusual conversion discussed.