

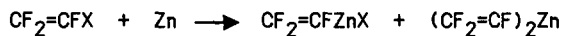
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THE PREPARATION AND SPECTROSCOPIC PROPERTIES OF TRIFLUOROVINYL KETONES

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A general route to trifluorovinyl ketones has been developed via the copper(I) halide catalyzed acylation of trifluorovinyl zinc reagents. The FT-IR of these ketones show two carbonyl bands due to restricted rotation, and the NMR spectra exhibit unusual long range couplings. The synthetic aspects and spectroscopic properties of these reactive species will be presented and discussed.



X = Br, I

