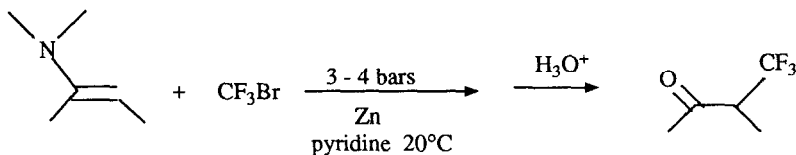


ZINC MEDIATED TRIFLUOROMETHYLATION OF ENAMINES WITH BROMOTRIFLUOROMETHANE

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Bromotrifluoromethane does not react spontaneously with enamines. However, in the presence of a molar quantity of zinc powder in pyridine, a reaction occurs. Hydrolysis leads to α trifluoromethyl ketones.



This condensation is interpreted by a single electron transfer process.