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# ADDITION OF FLUORINE ANIONS ON ELECTROGENERATED CATIONS DESTABILIZED BY AN ELECTROATTRACTIVE GROUP

E. Laurent\*, B. Marquet, R. Tardivel and H. Thiebault

Lab. de Chimie Organique 3, UA CNRS 467, Université Lyon I, 43, Bd du 11 Novembre 1918, 69622 Villeurbanne (France)

Using, as fluorinating reagent, the available compound  $\text{Et}_3\text{N}$ ,  $3\text{HF}$ , we prove that it is possible, in a **one-pot reaction** to synthesise **specifically mono or difluoro** benzylic, ketones, esters or nitriles. The reaction proceeds through an  $\alpha$ -cetyl (or  $\alpha$ -cyano) carbenium.

Yields are about 70 % for monofluoro compounds and 55 % for difluoro compounds.

Examples :

