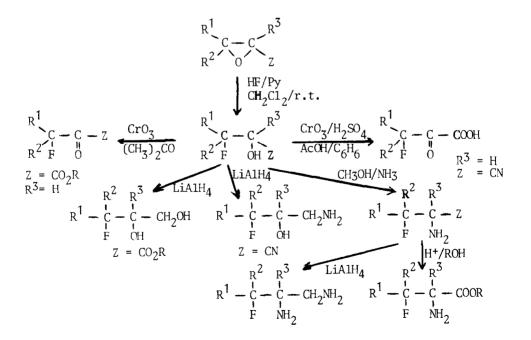
FLUOROALCOHOLS AS VERSATILE INTERMEDIATES FOR THE PREPARATION OF MONOFLUORINATED COMPOUNDS OF BIOLOGICAL AND PHARMACOLOGICAL INTEREST

Ayicoué Ayi and Roger Guedj*

Laboratoire de Chimie Structurale Organique, Université de Nice, UER IMSP, Parc Valrose, 06034 Nice (France)

Ring-opening of α -fonctionalized oxiranes (i.e. glycidic derivatives) by hydrogen fluoride in pyridine solution provides a good method for the preparation of fluoroalcohols (i.e. β -fluorolactates, β -fluorocyanohydrins, ...) which allow the obtaining of numerous fluorine containing molecules of biological and pharmacological interest. The reactions gave good yields and were convenient, since the reagent (i.e. Olah's reagent) is easy to handle.

The synthetic schemes are shown below.



498

0-22