Supporting Information

for

Conformational preferences of α -fluoroketones may influence their reactivity

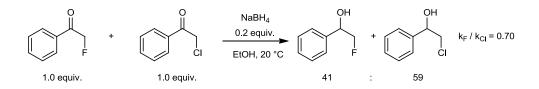
Graham Pattison*

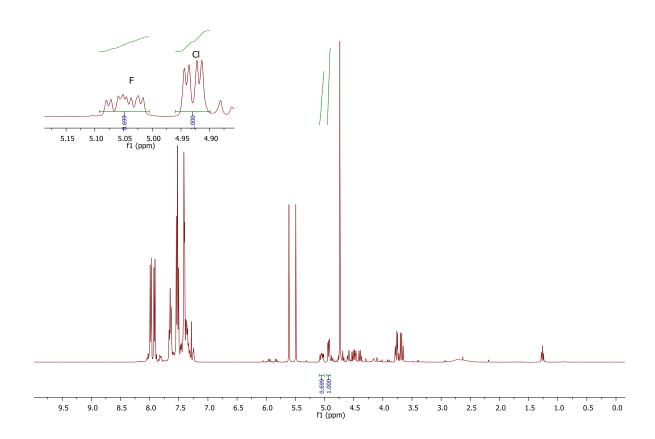
Address: Department of Chemistry, University of Warwick, Gibbet Hill Road, Coventry CV4 7AL, UK

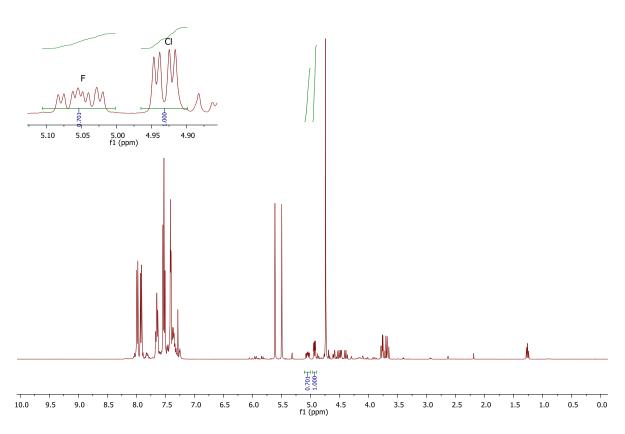
Email: Graham Pattison - graham.pattison@warwick.ac.uk

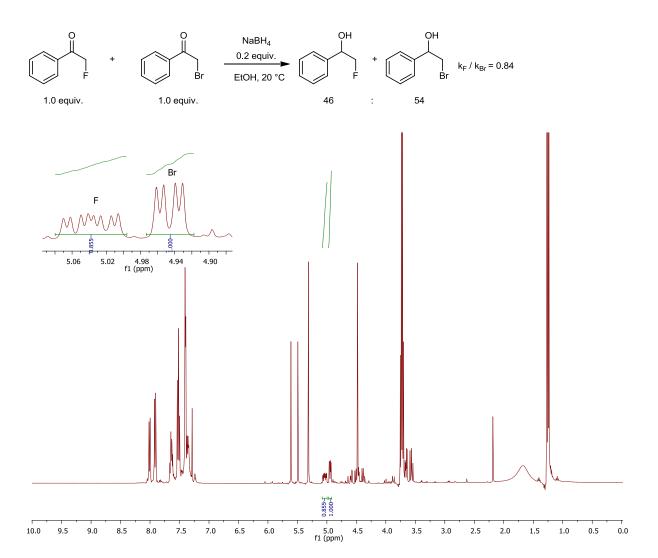
* Corresponding author

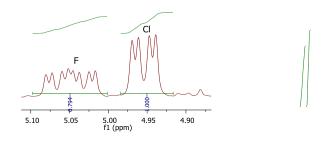
Copies of NMR spectra showing ratios of fluorinated and halogenated products

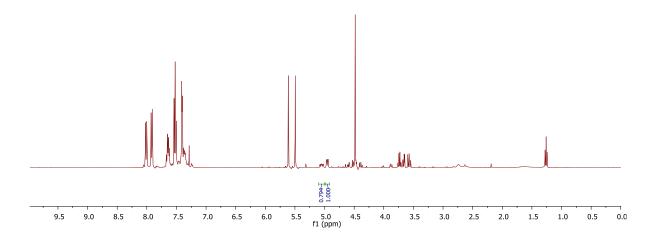


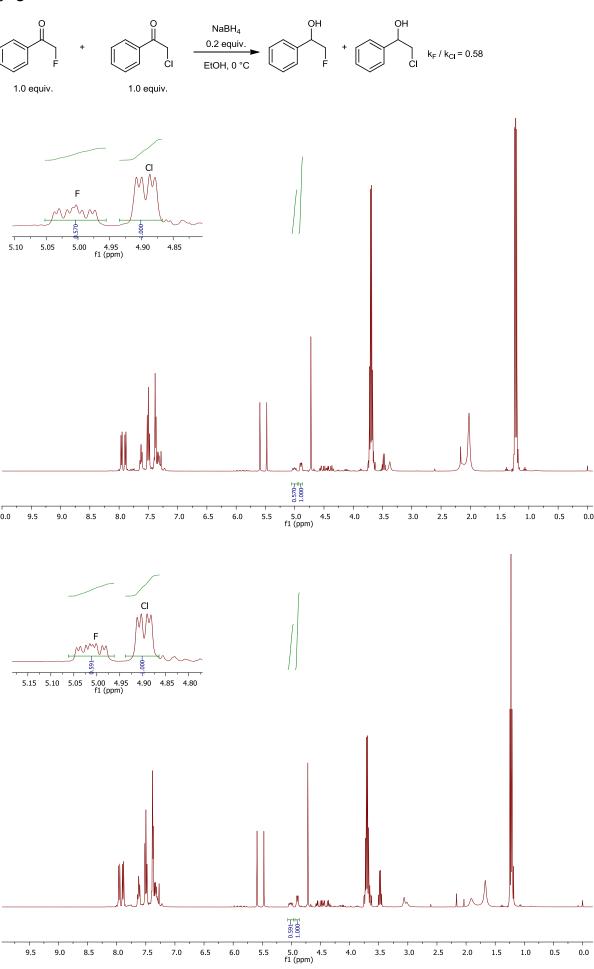




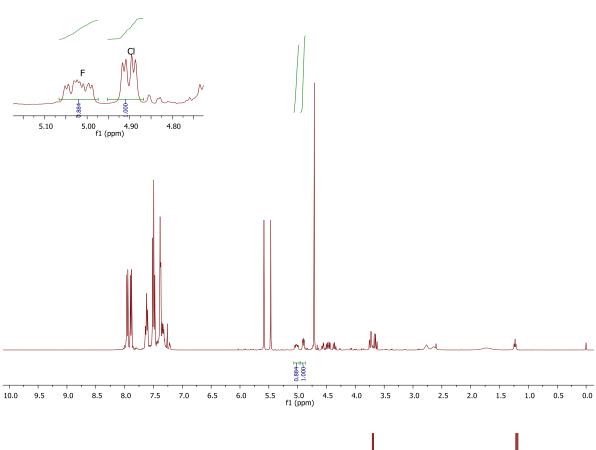


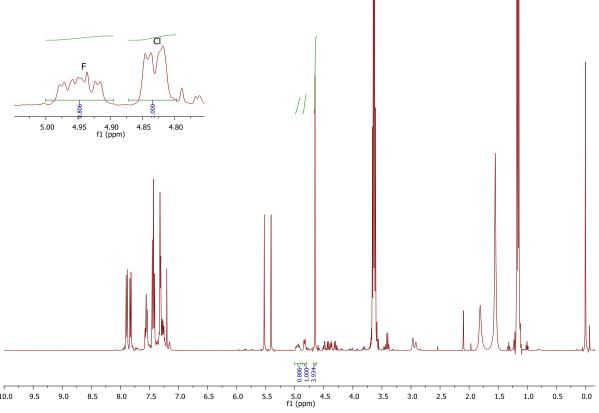






NaBH₄ OH OH OH OH
$$0.2 \text{ equiv.}$$
 EtOH, $40 \,^{\circ}\text{C}$ F $+$ CI $k_{\text{F}} / k_{\text{CI}} = 0.77$





NaBH₄ OH OH OH OH
$$0.2 \text{ equiv.}$$
 EtOH, $60 \,^{\circ}\text{C}$ 0.2 equiv. 0.3 equiv. 0.3 equiv. 0.4 equiv. 0.4 equiv. 0.5 equiv. 0.5 equiv. 0.5 equiv.

