

Nucleophilic Fluorination using Imidazolium based Ionic liquid

bearing *tert*-Alcohol moiety

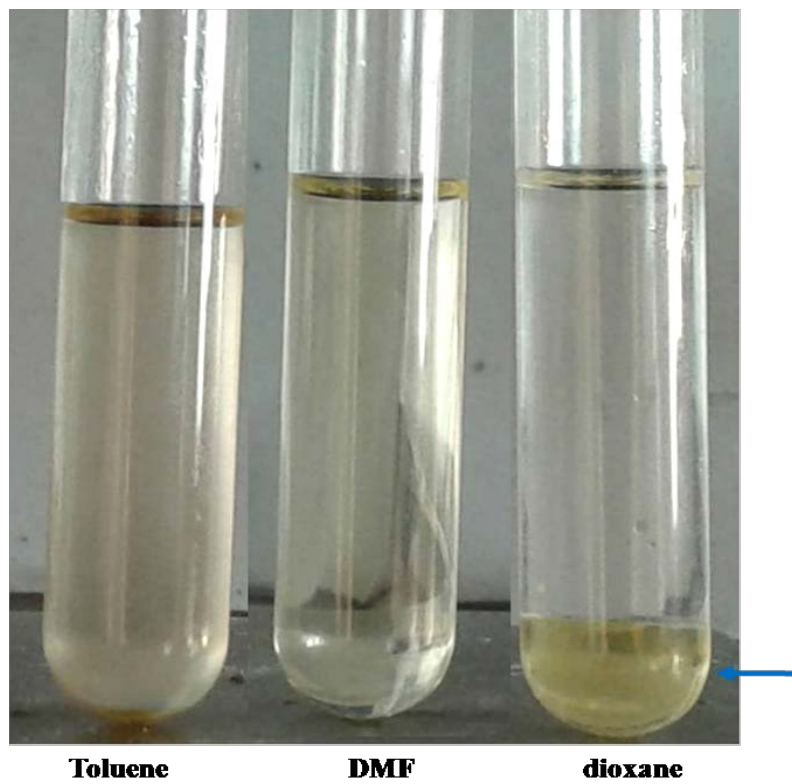
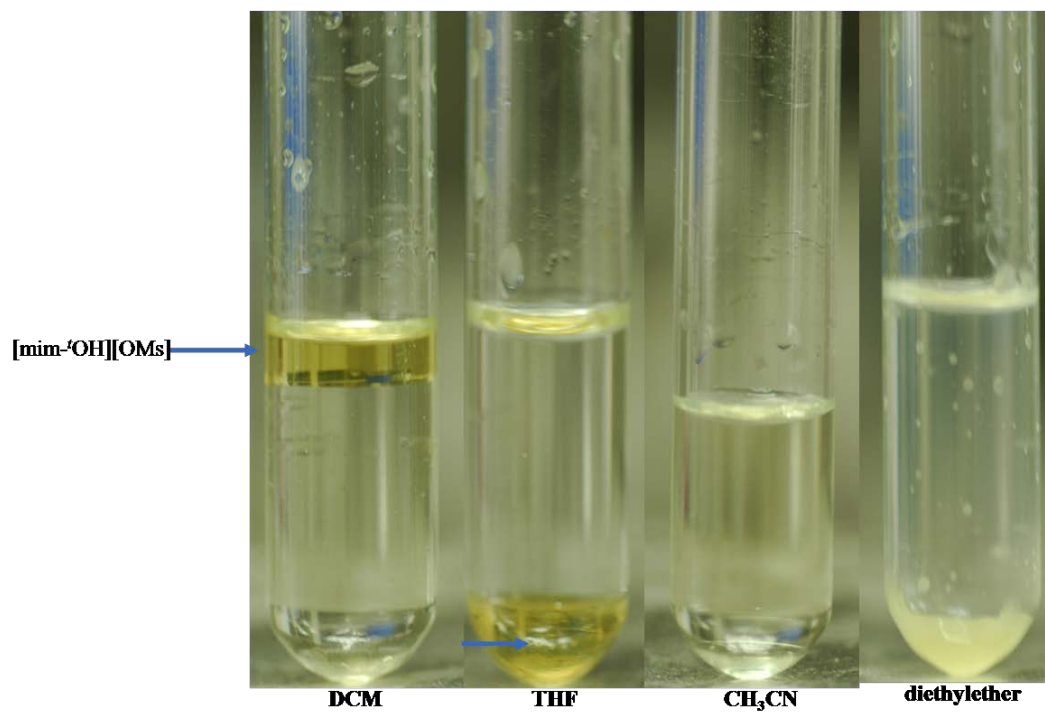
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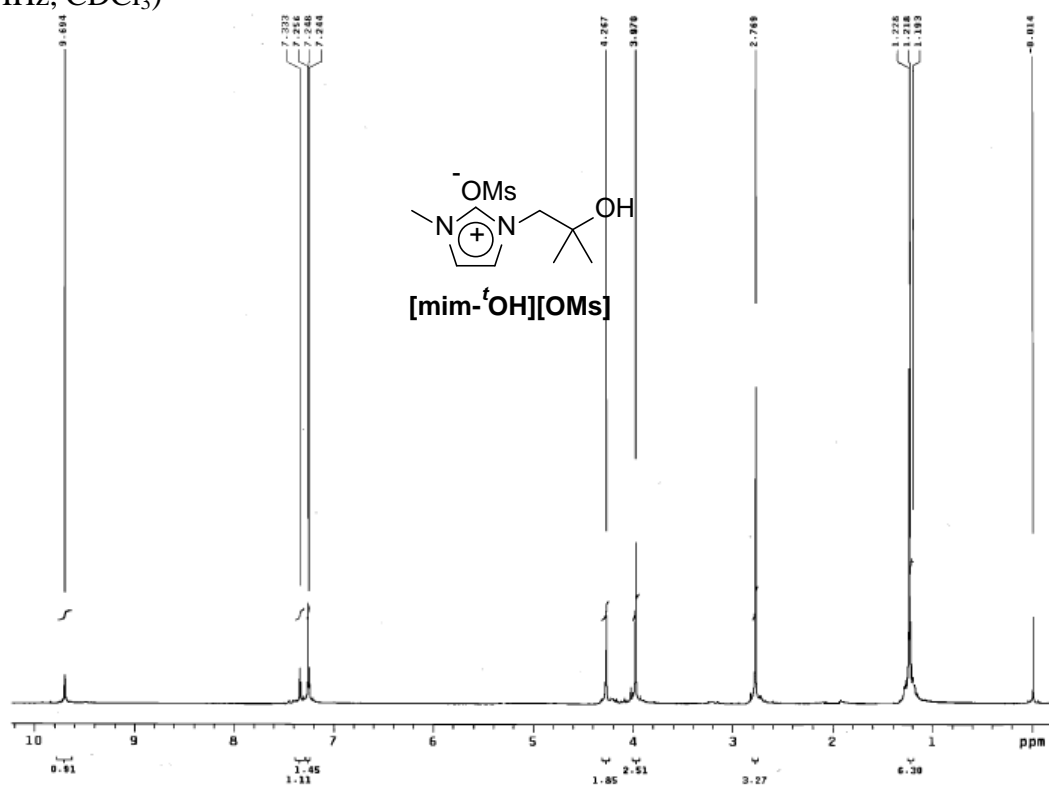
Bhabha Road, Pashan, Pune 411008, India. E-mail: ss.shinde@ncl.res.in;

Supporting Information

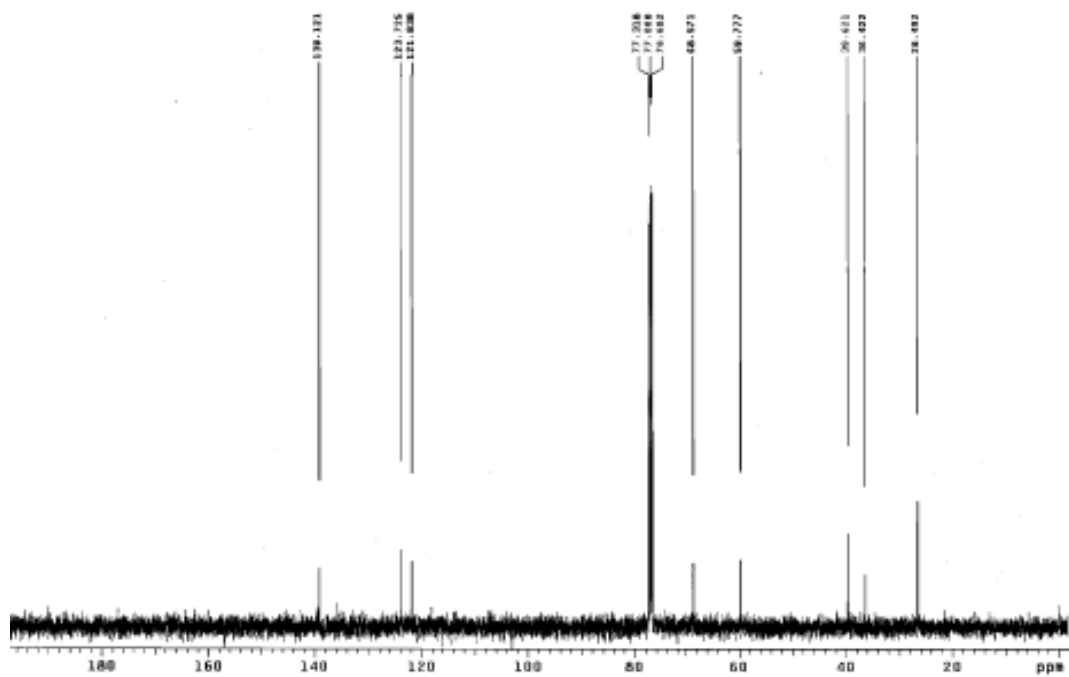
Solubility of [mim-⁺OH][OMs] (blue arrow) in various solvents



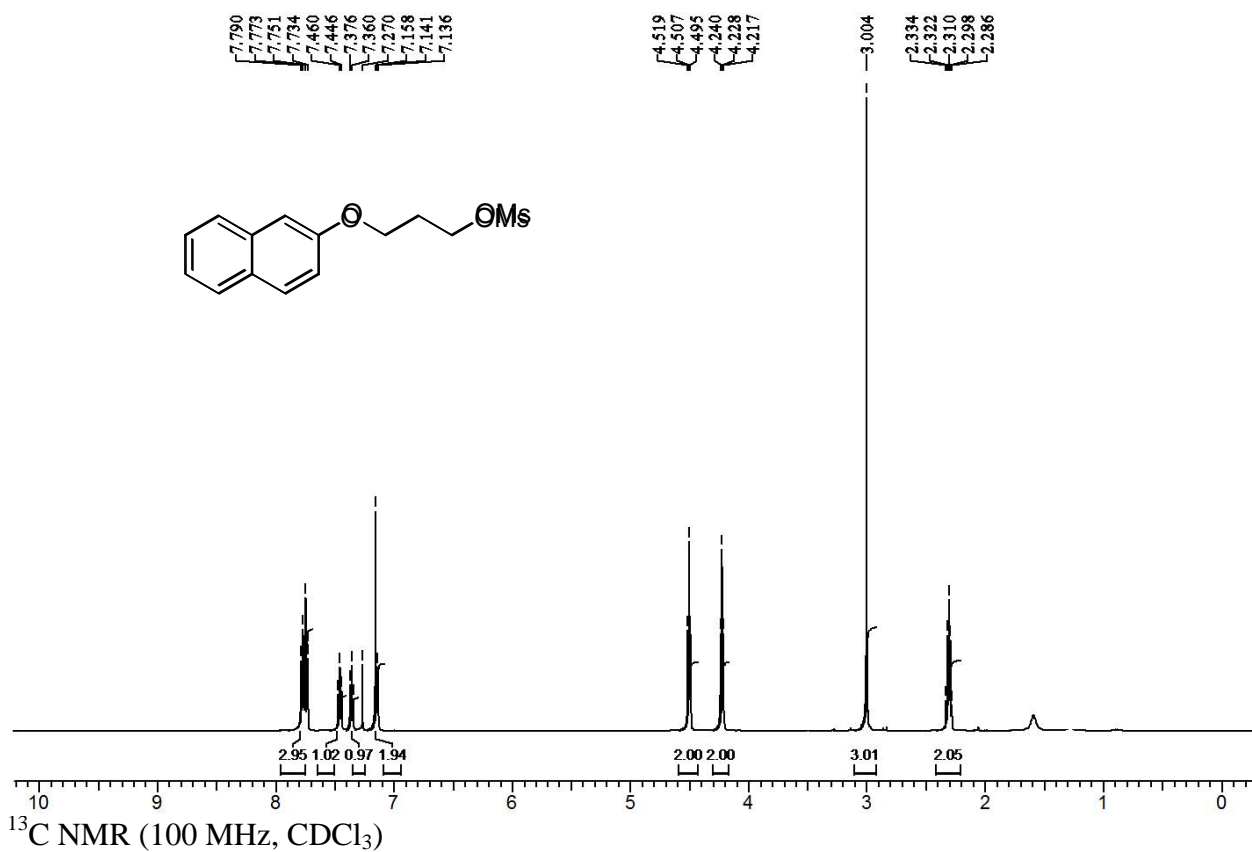
1-(2-Hydroxy-2-methylpropyl)-3-methylimidazolium mesylate [mim-^tOH][OMs]¹H NMR (400 MHz, CDCl₃)



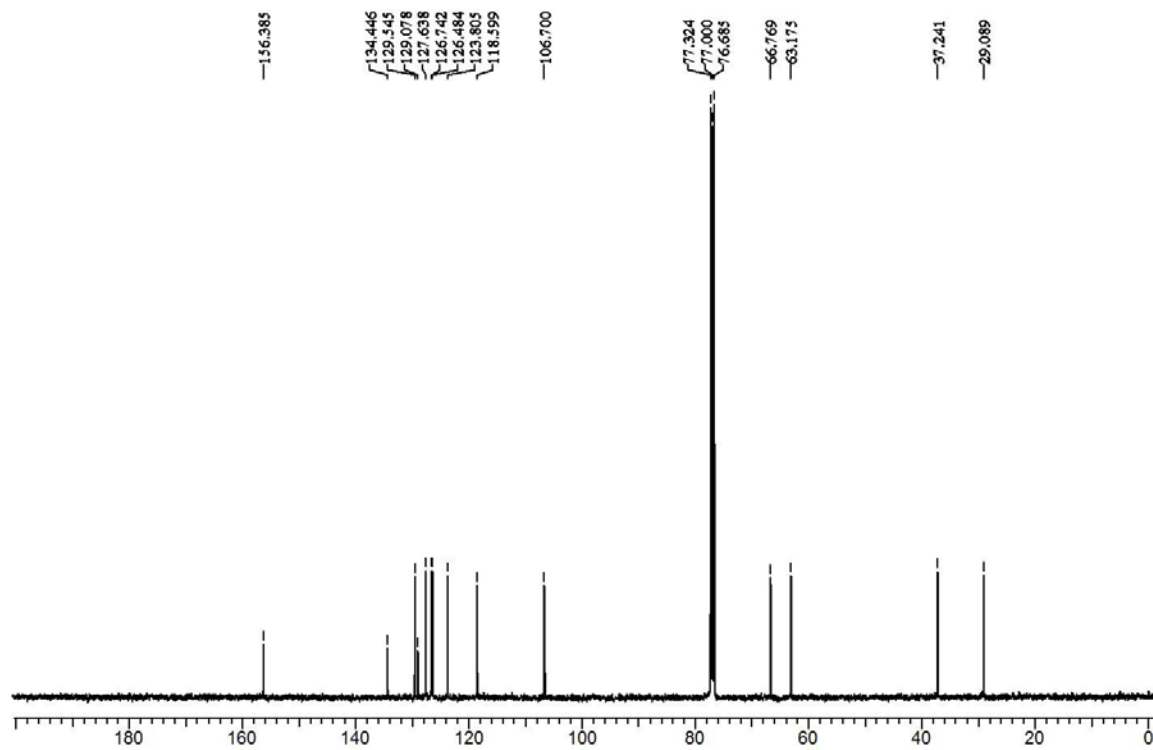
¹³C NMR (100 MHz, CDCl₃)



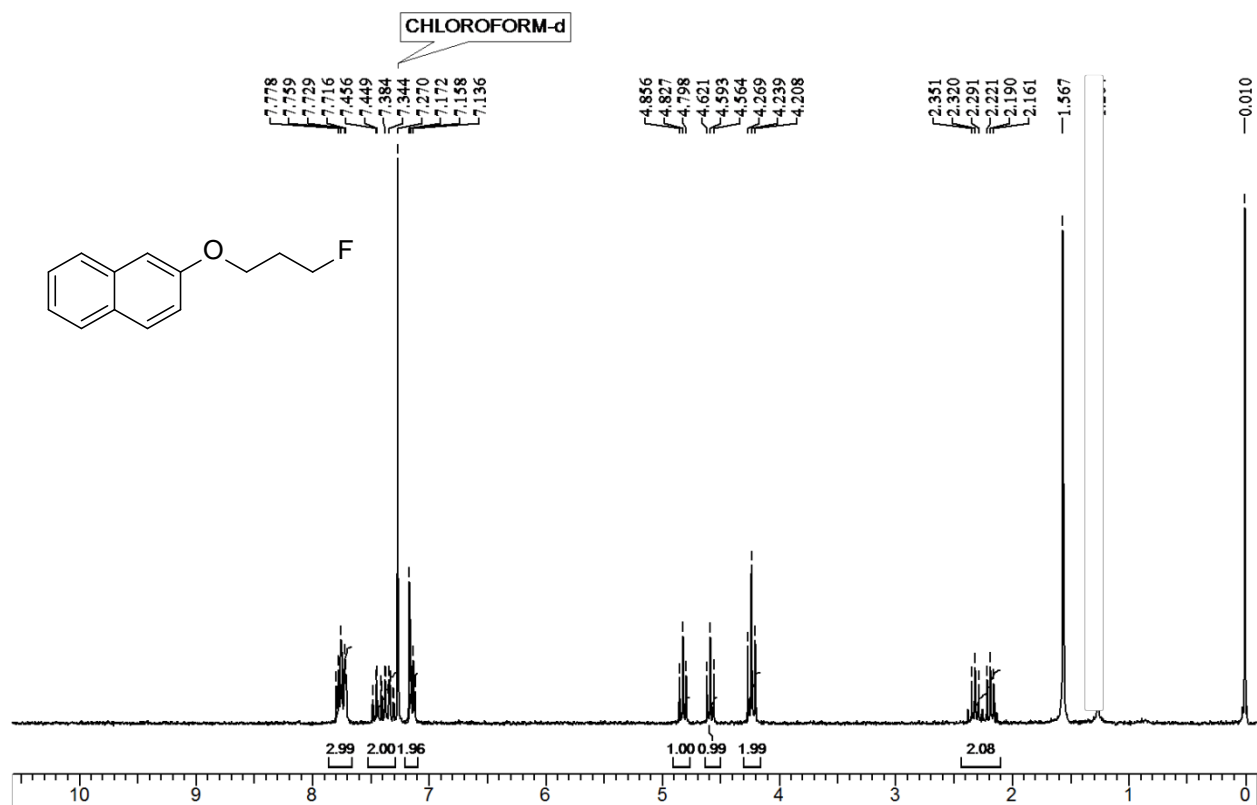
2. 2-(3-Methanesulfonyloxypropoxy)naphthalene. ¹H NMR (500 MHz, CDCl₃)



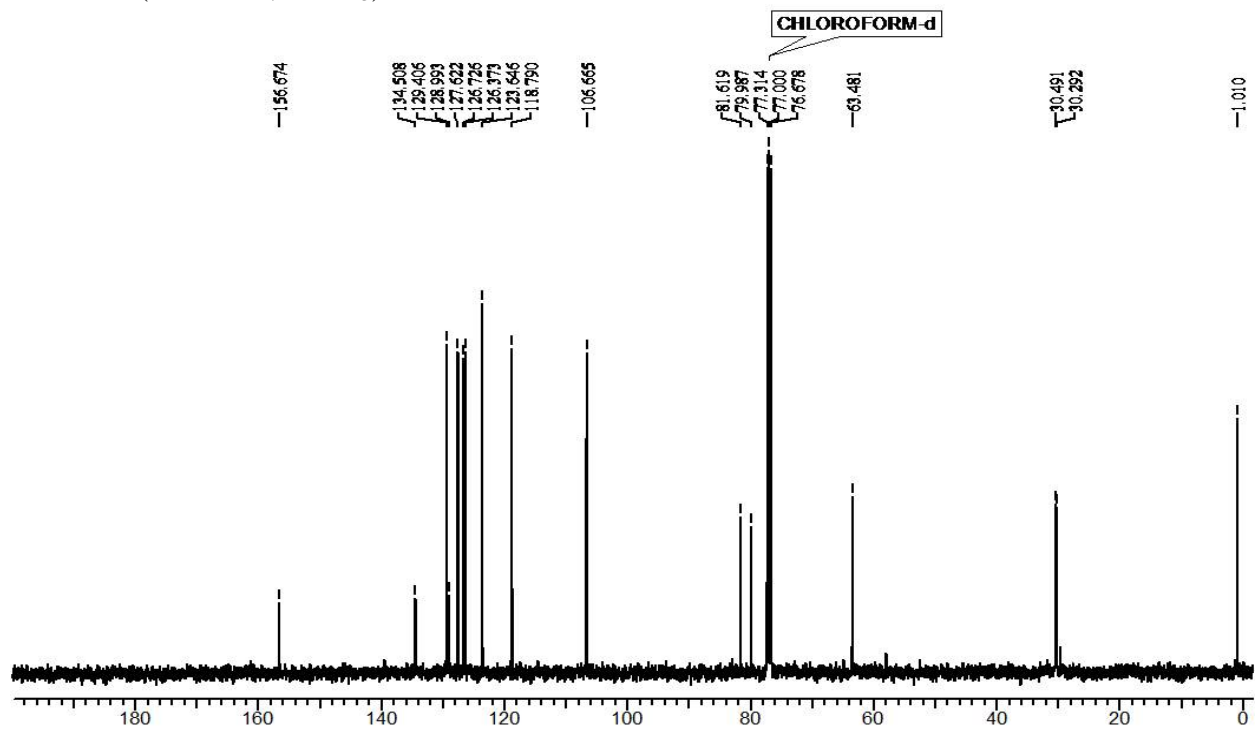
¹³C NMR (100 MHz, CDCl₃)



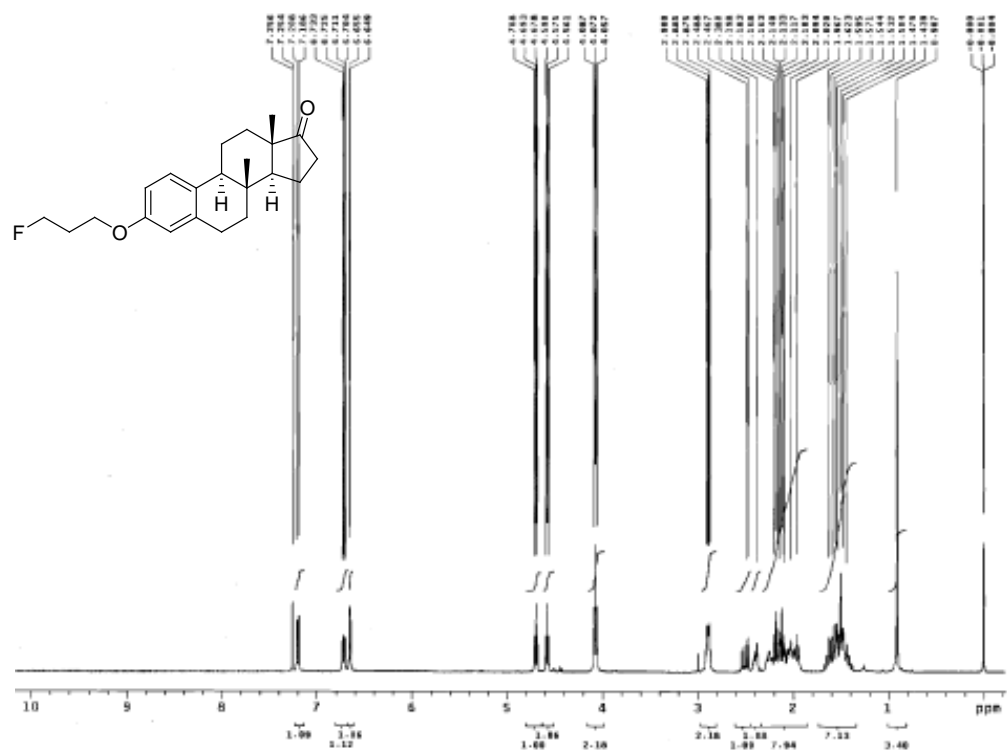
3. 2-(3-fluoropropoxy)naphthalene. ¹H NMR (200 MHz, CDCl₃)



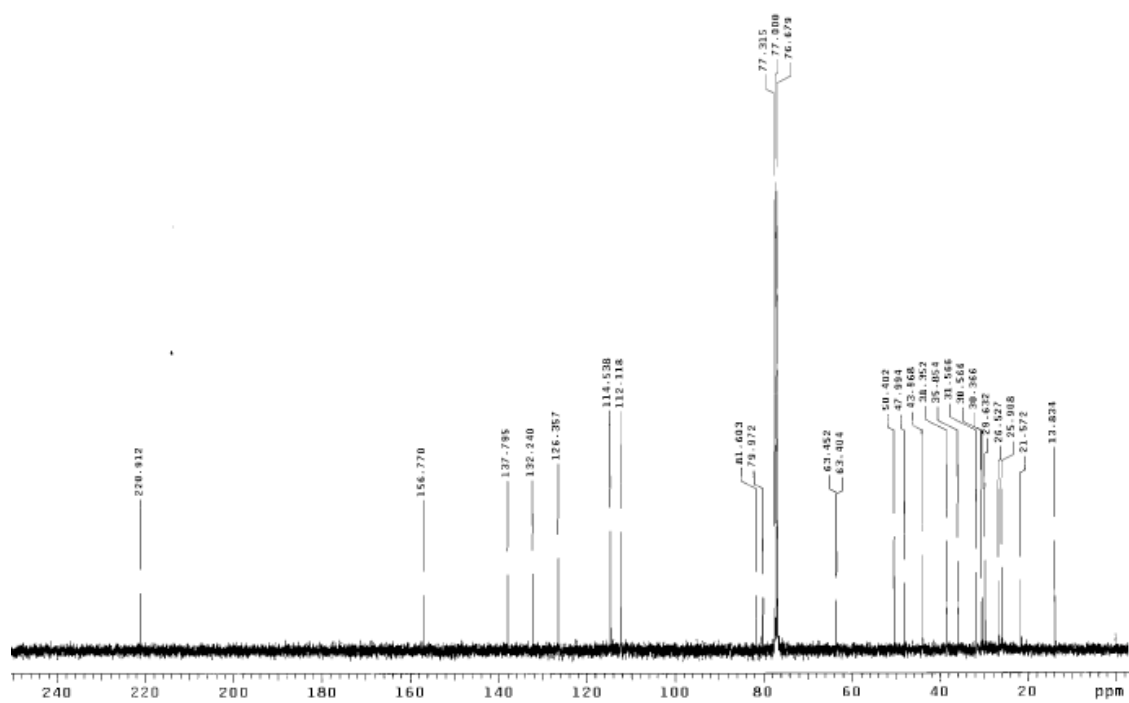
^{13}C NMR (100 MHz, CDCl_3)



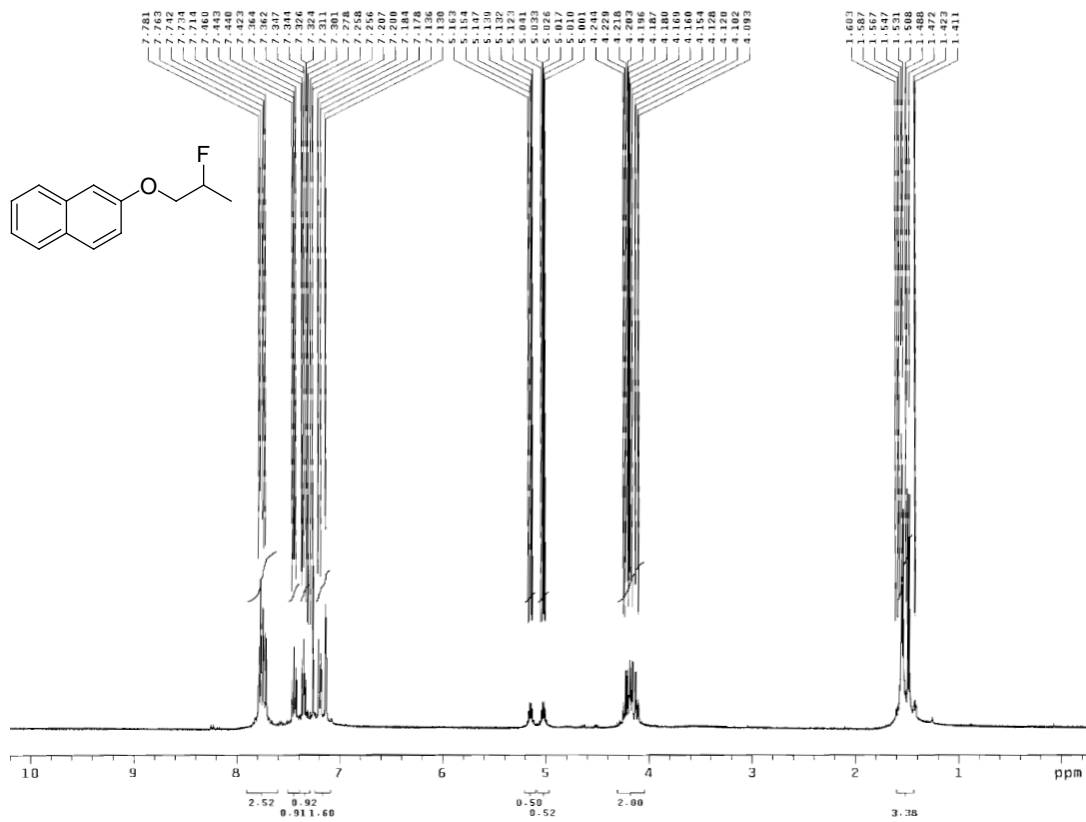
3-(3-Fluoropropoxy)estrone. ^1H NMR (400 MHz, CDCl_3)



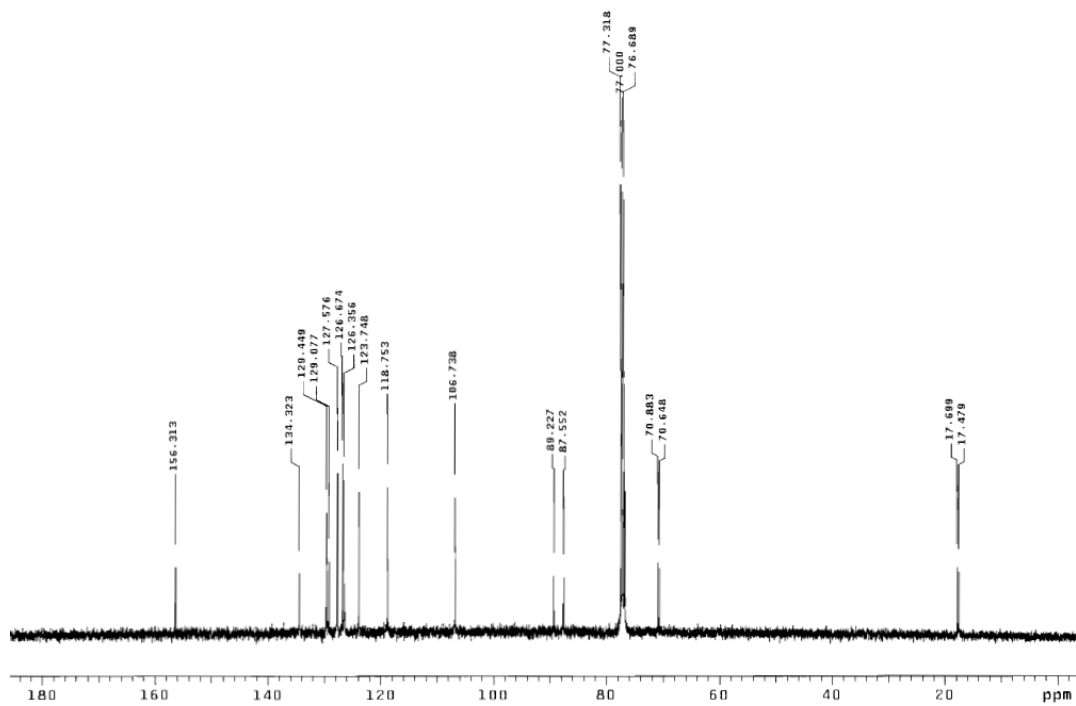
^{13}C NMR (100 MHz, CDCl_3)



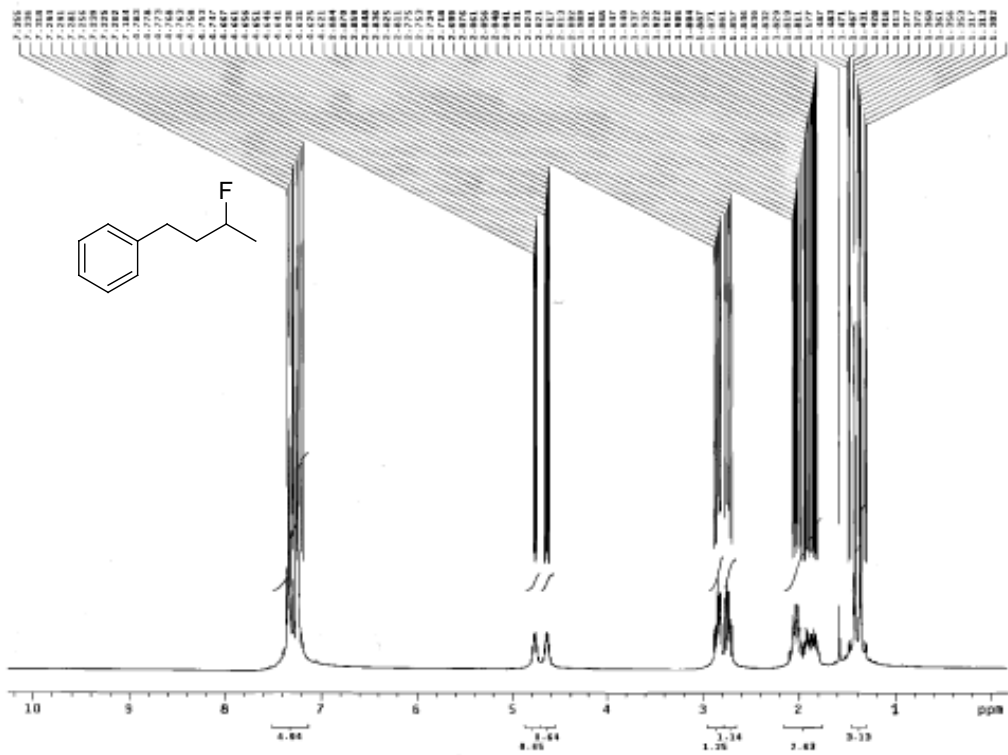
2-(2-Fluoropropoxy)naphthalene. ^1H NMR (400 MHz, CDCl_3)



^{13}C NMR (100 MHz, CDCl_3)



3-fluorobutyl benzene. ^1H NMR (400 MHz, CDCl_3)



¹³C NMR (100 MHz, CDCl₃)

