

Supporting information for

Lignin deconstruction by oxidation: model studies in conventional and ionic liquid solvents

Soledad G. Yao,^a Mark S. Meier,^{*,a}
Robert Pace^b and Mark Crocker,^{a,b}

^a*Department of Chemistry, University of Kentucky, Lexington, KY 40506, USA*

^b*Center for Applied Energy Research, Lexington, KY 40511, USA*

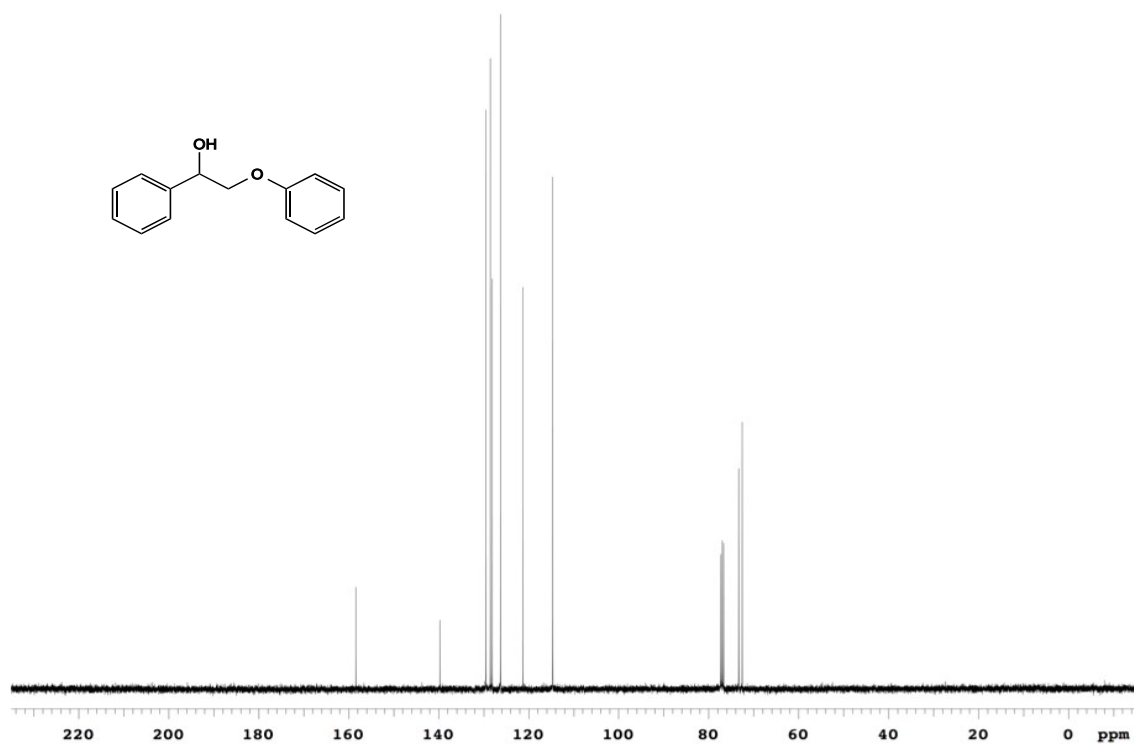
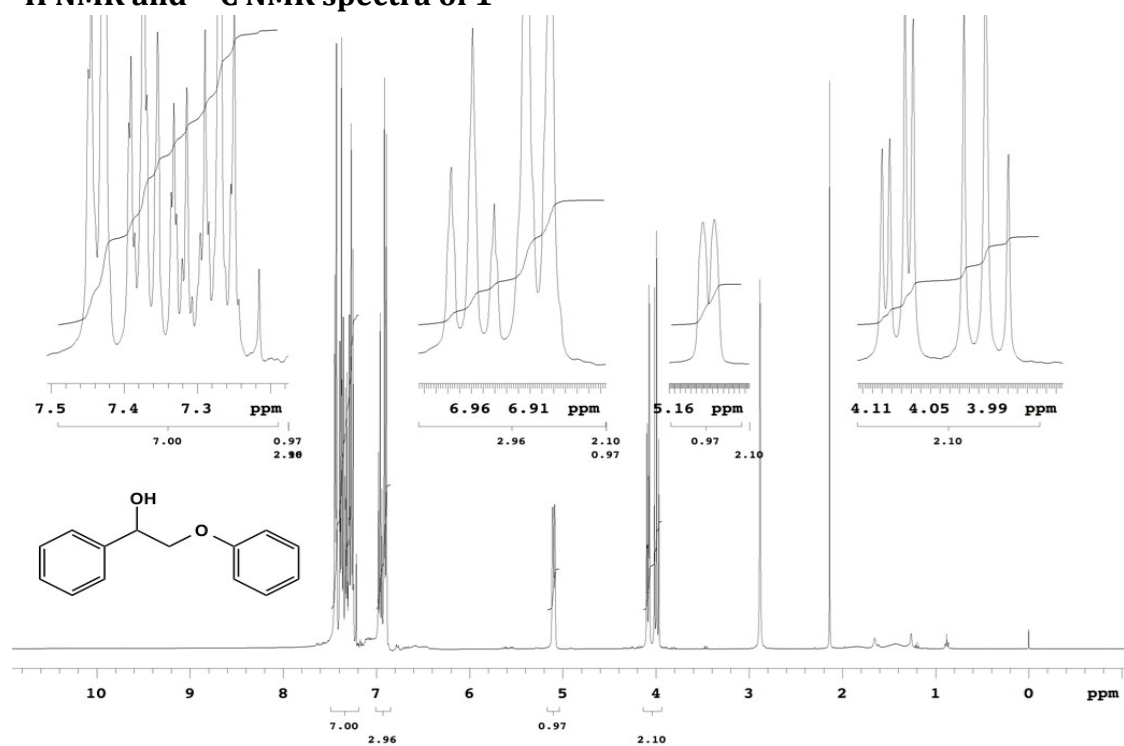
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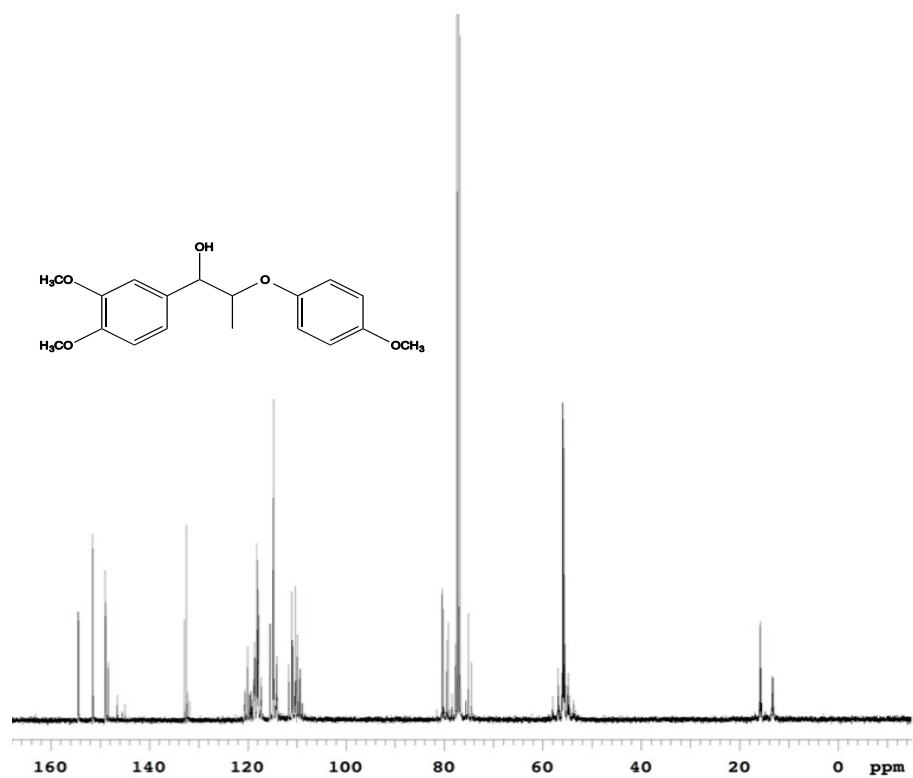
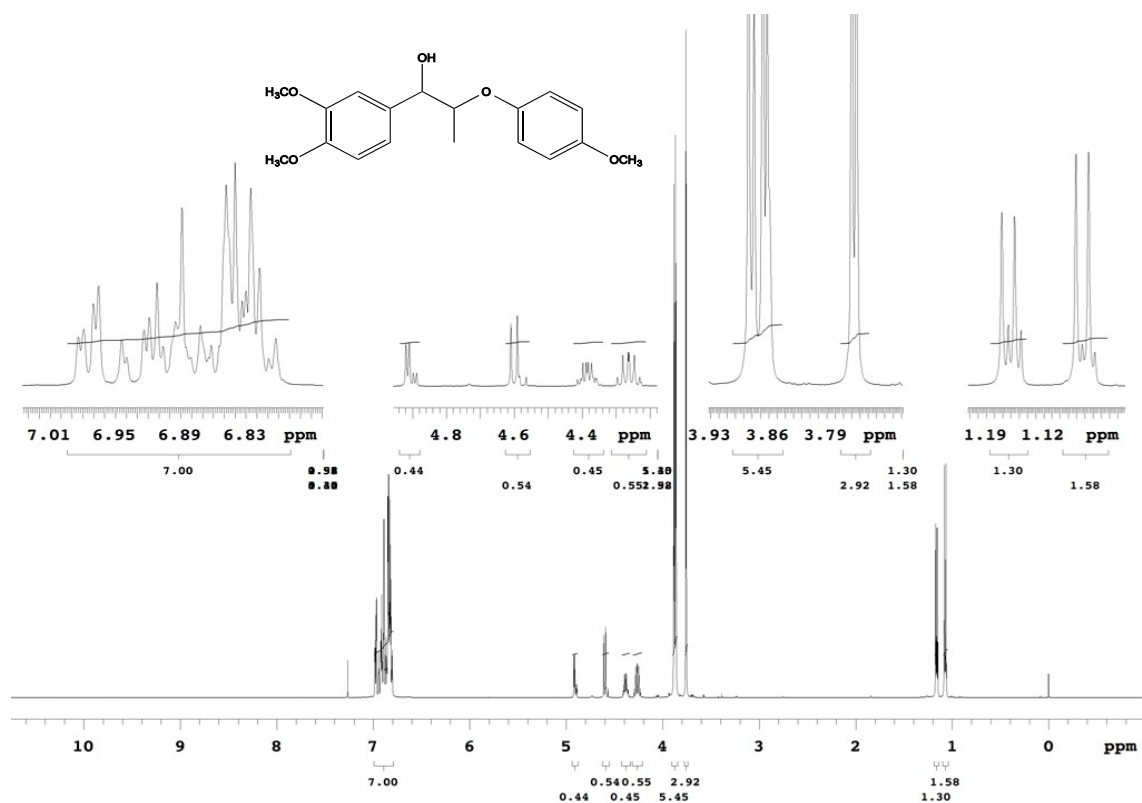
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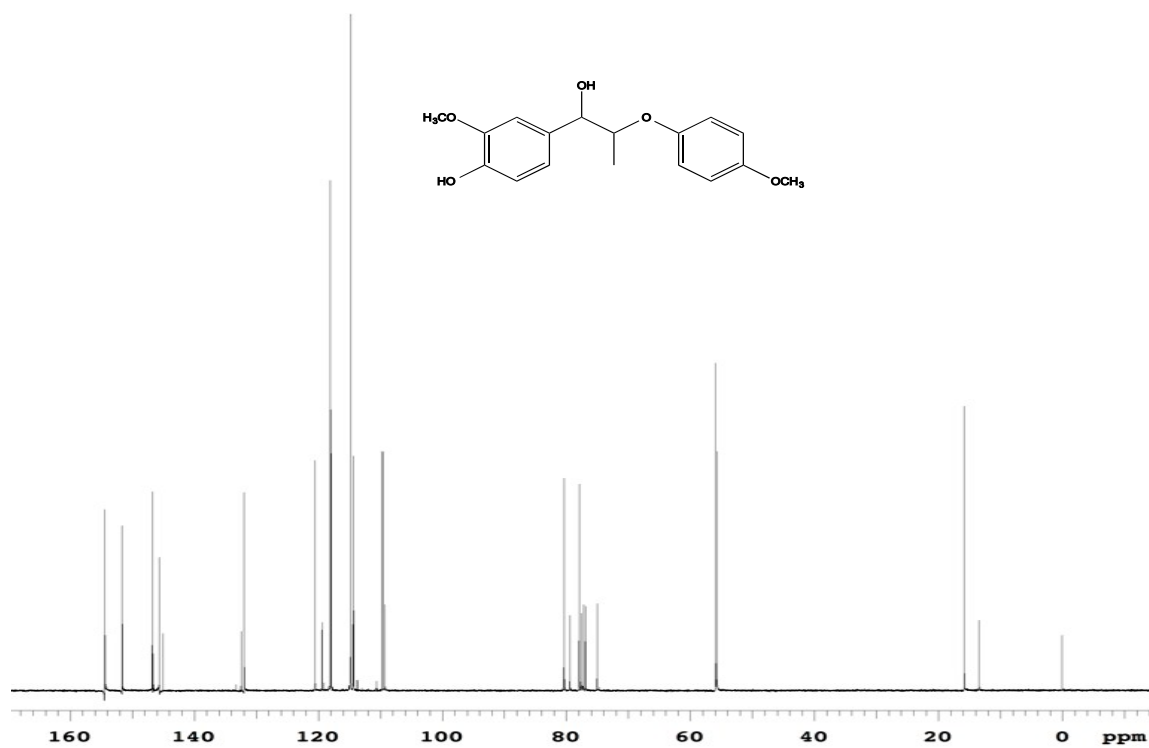
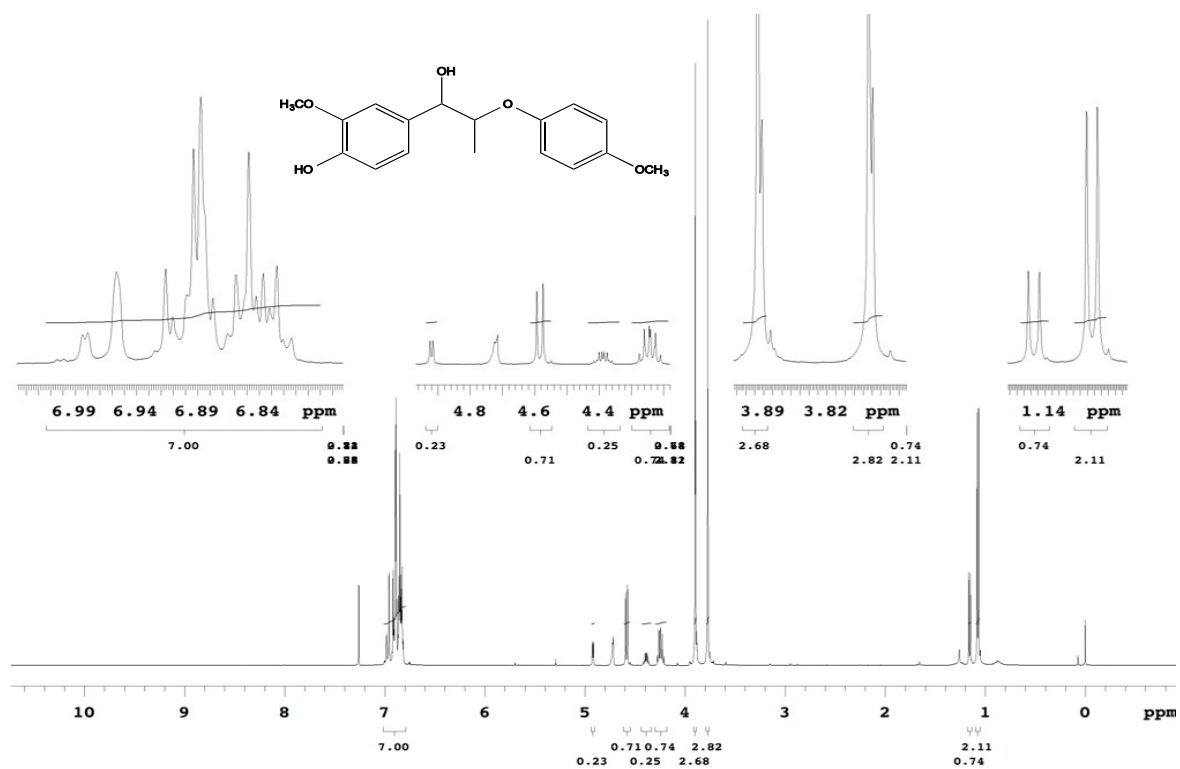
^1H NMR and ^{13}C NMR spectra of 1



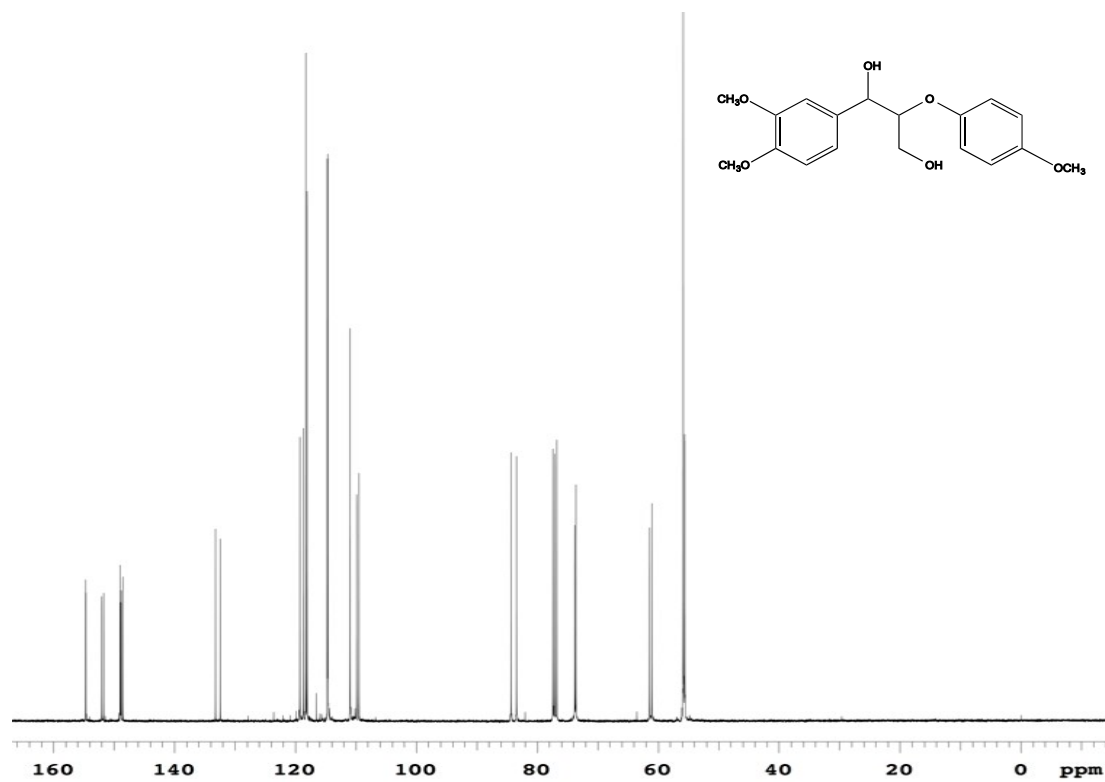
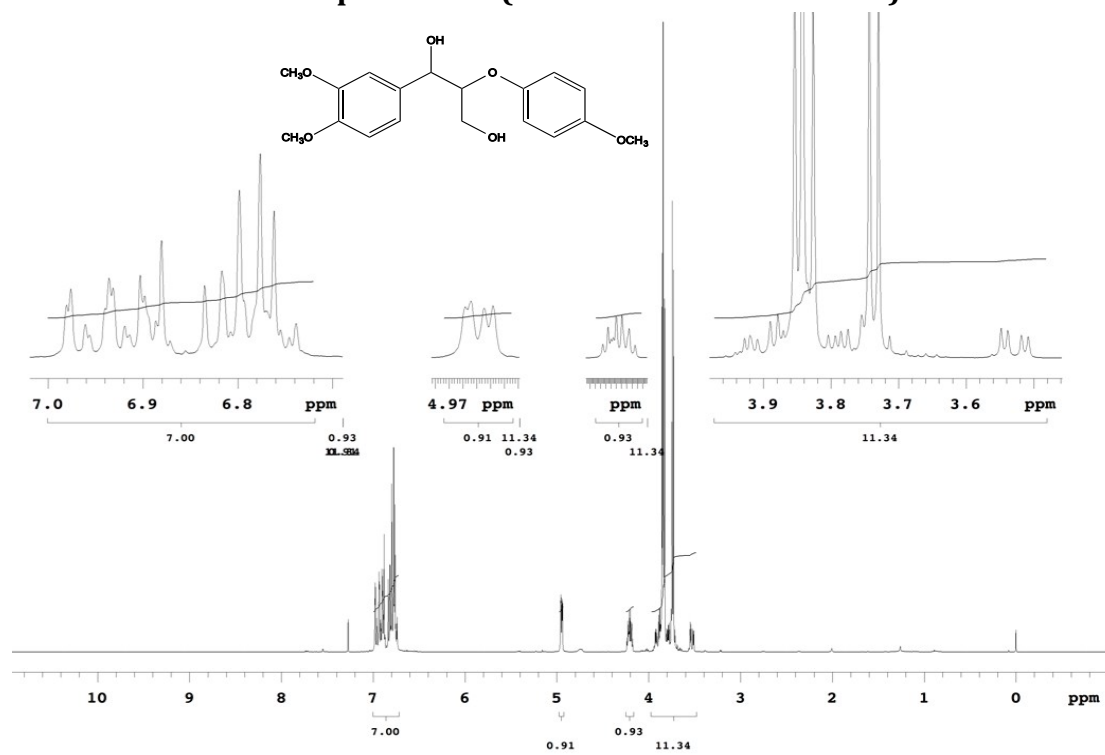
^1H NMR and ^{13}C NMR spectra of 2 (mixture of diastereomers)



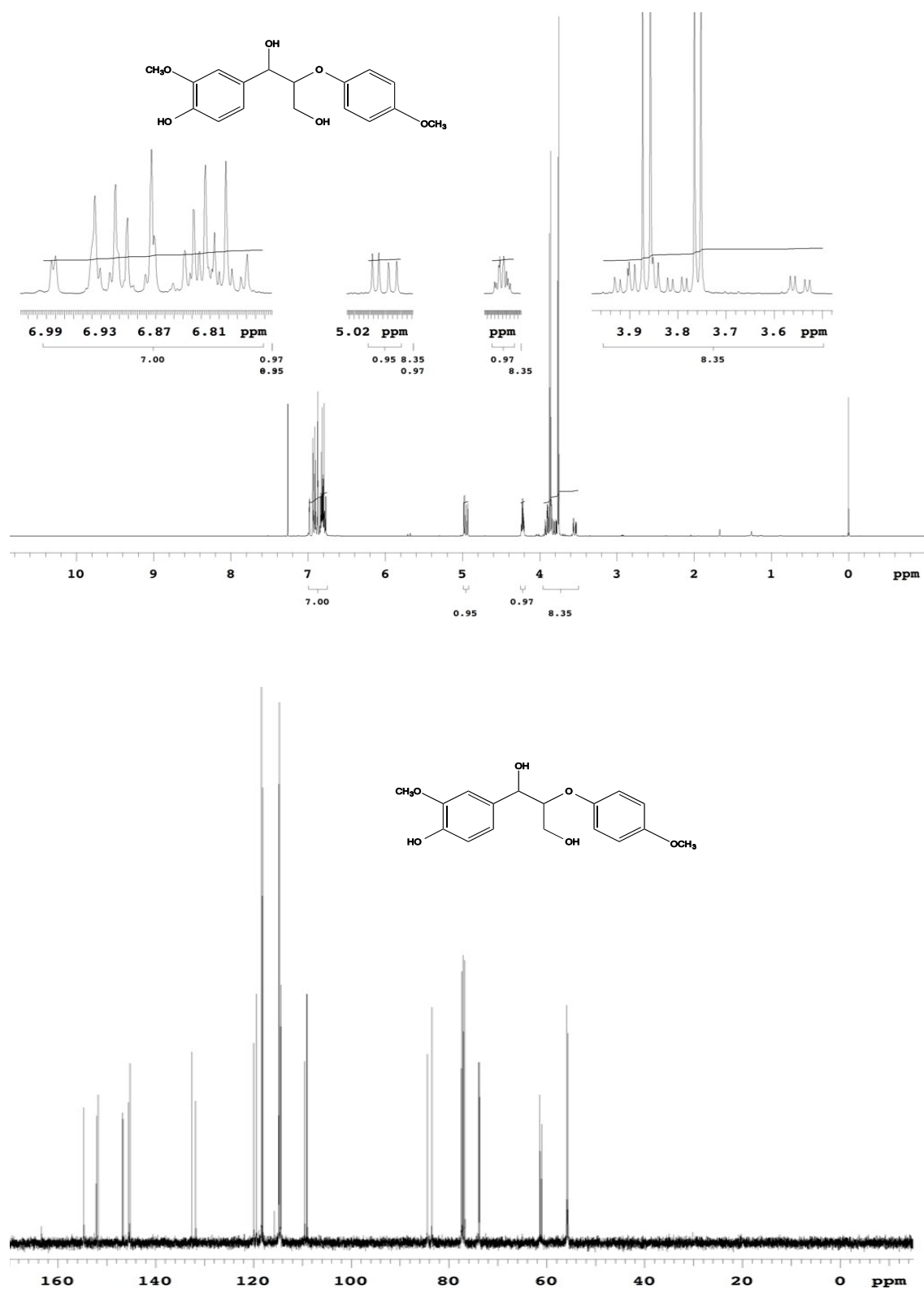
^1H NMR and ^{13}C NMR spectra of 3 (mixture of diastereomers)



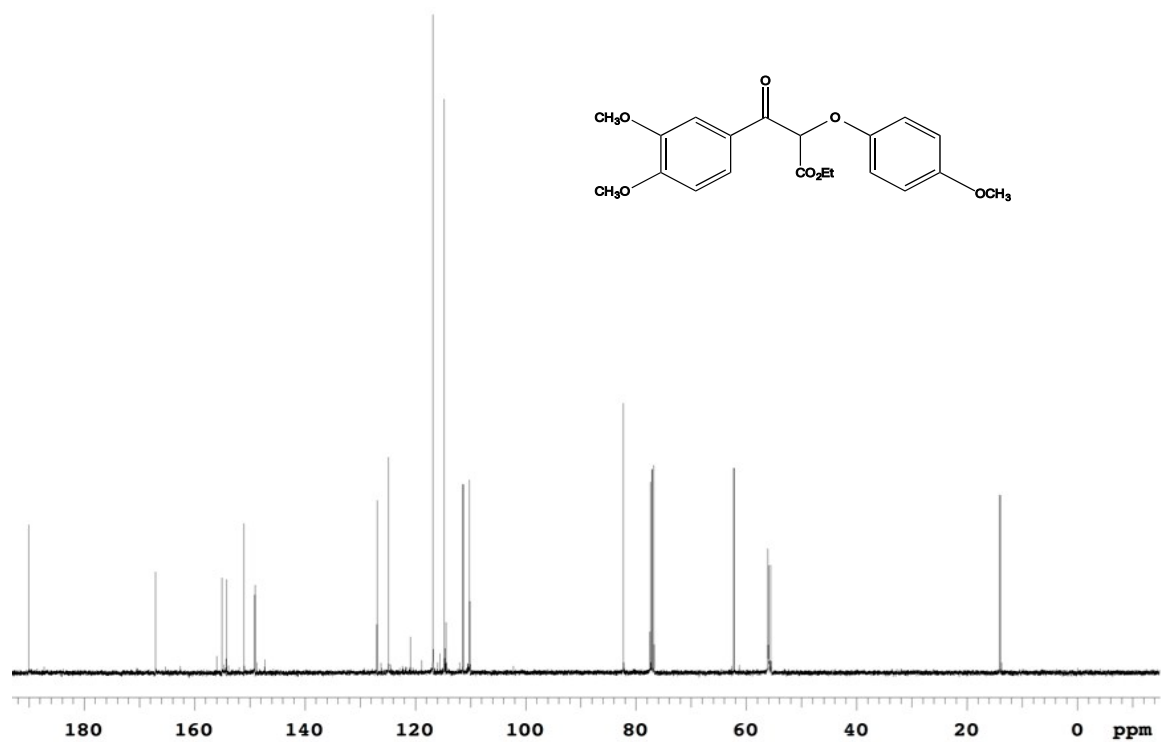
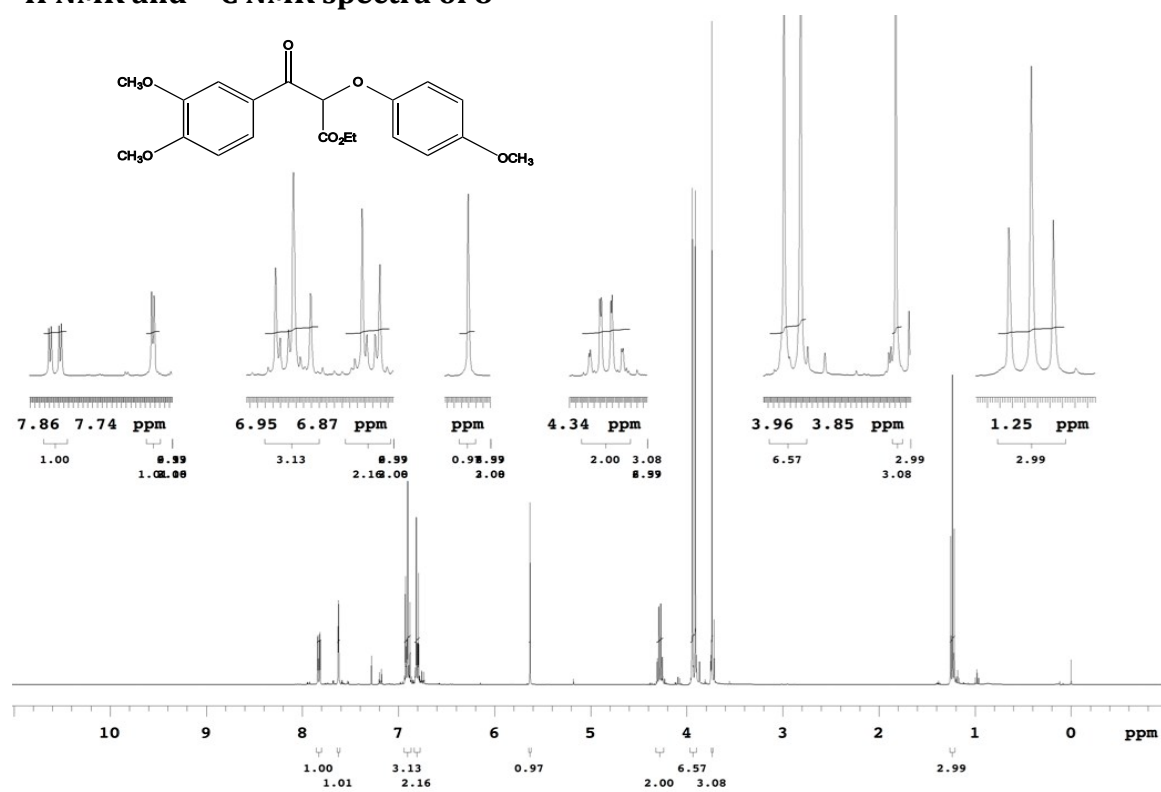
^1H NMR and ^{13}C NMR spectra of 4 (mixture of diastereomers)



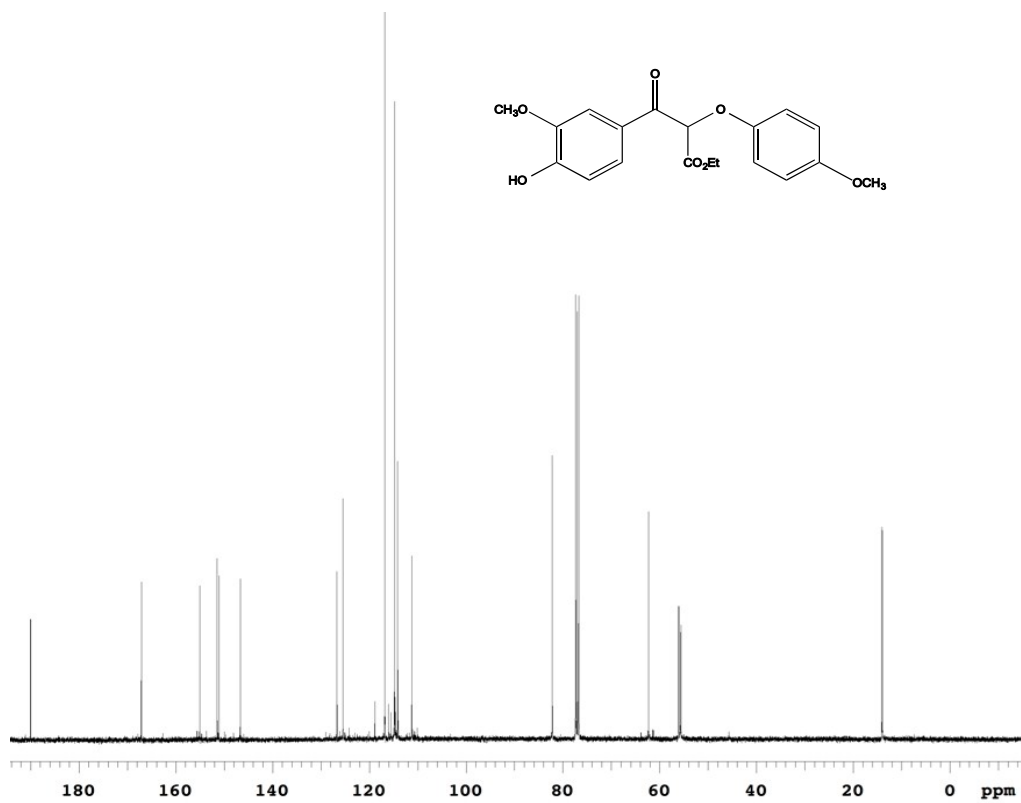
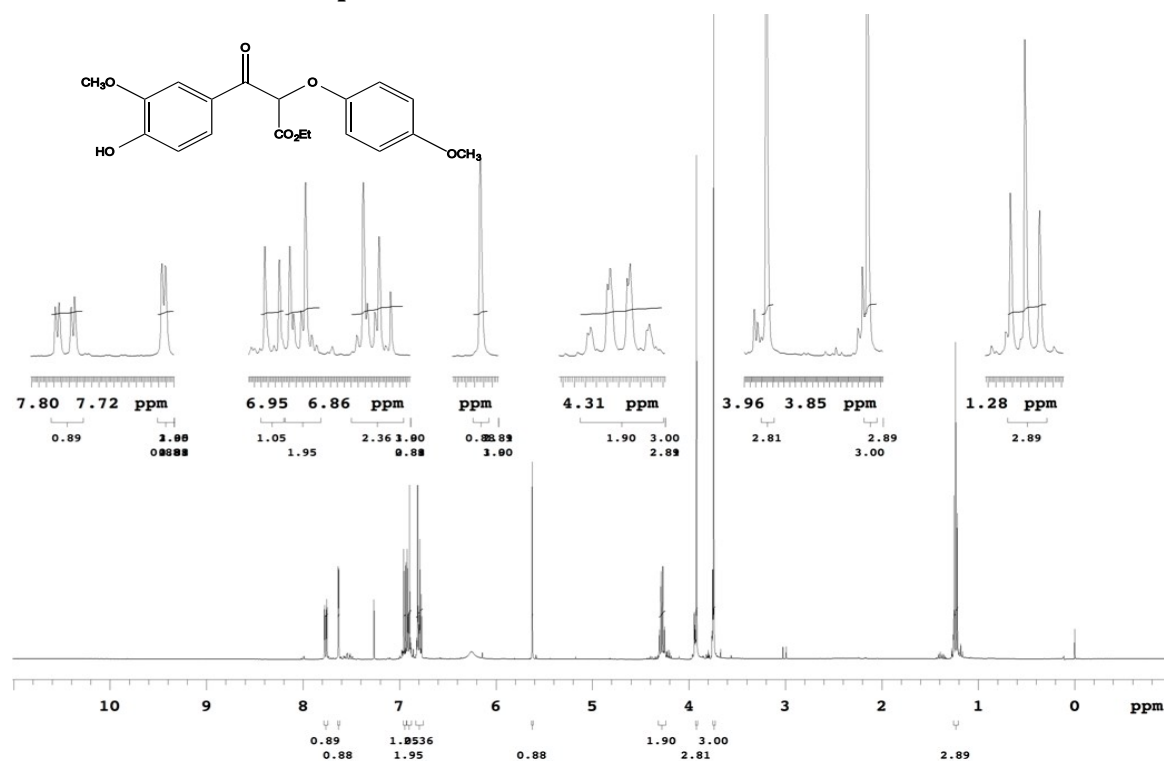
^1H NMR and ^{13}C NMR spectra of 5 (mixture of diastereomers)



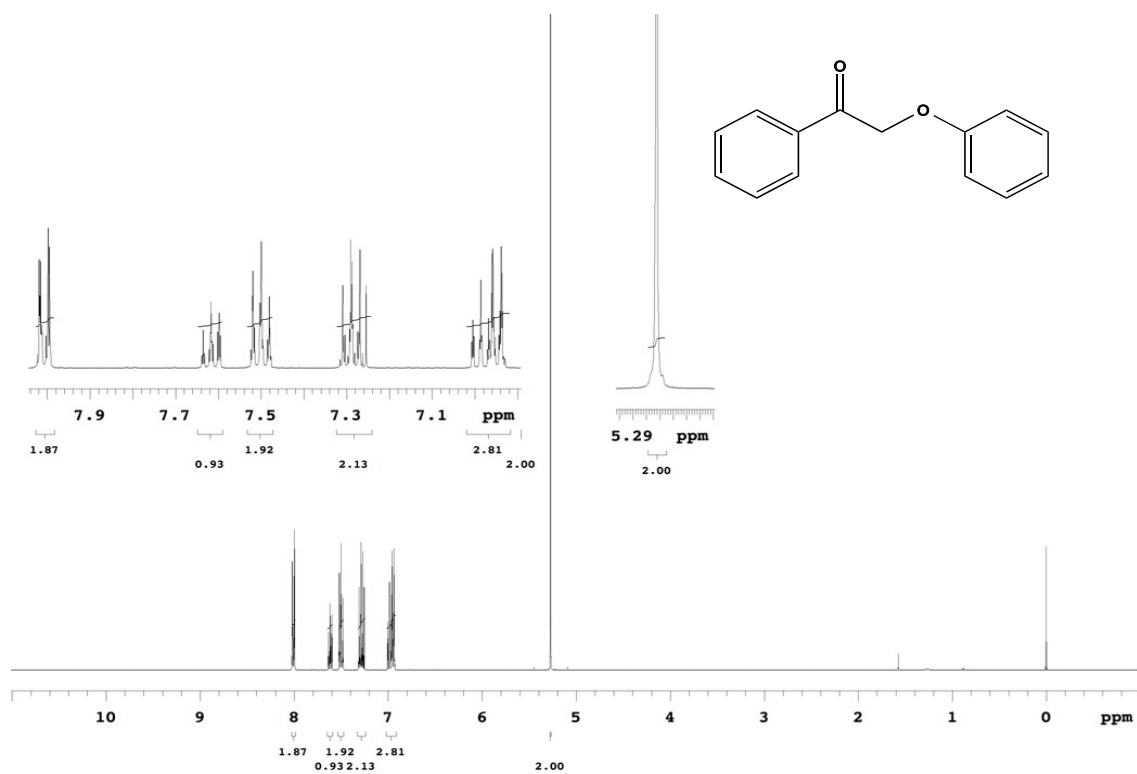
^1H NMR and ^{13}C NMR spectra of 8



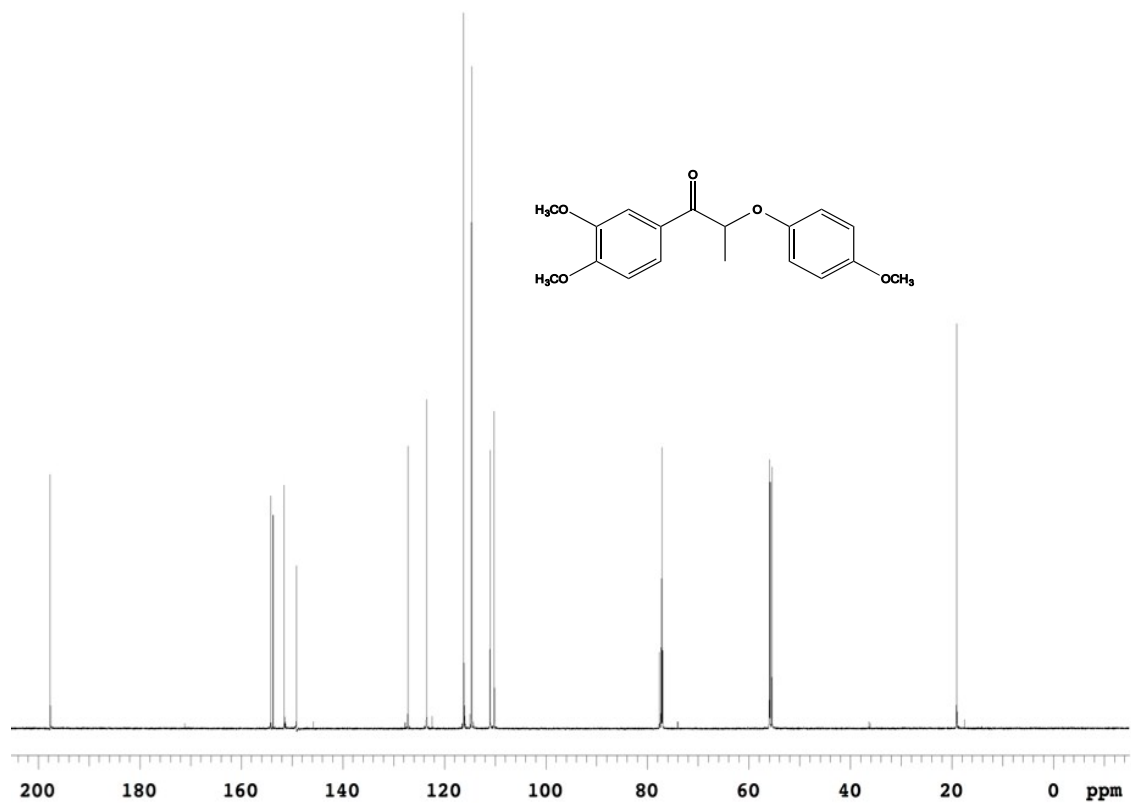
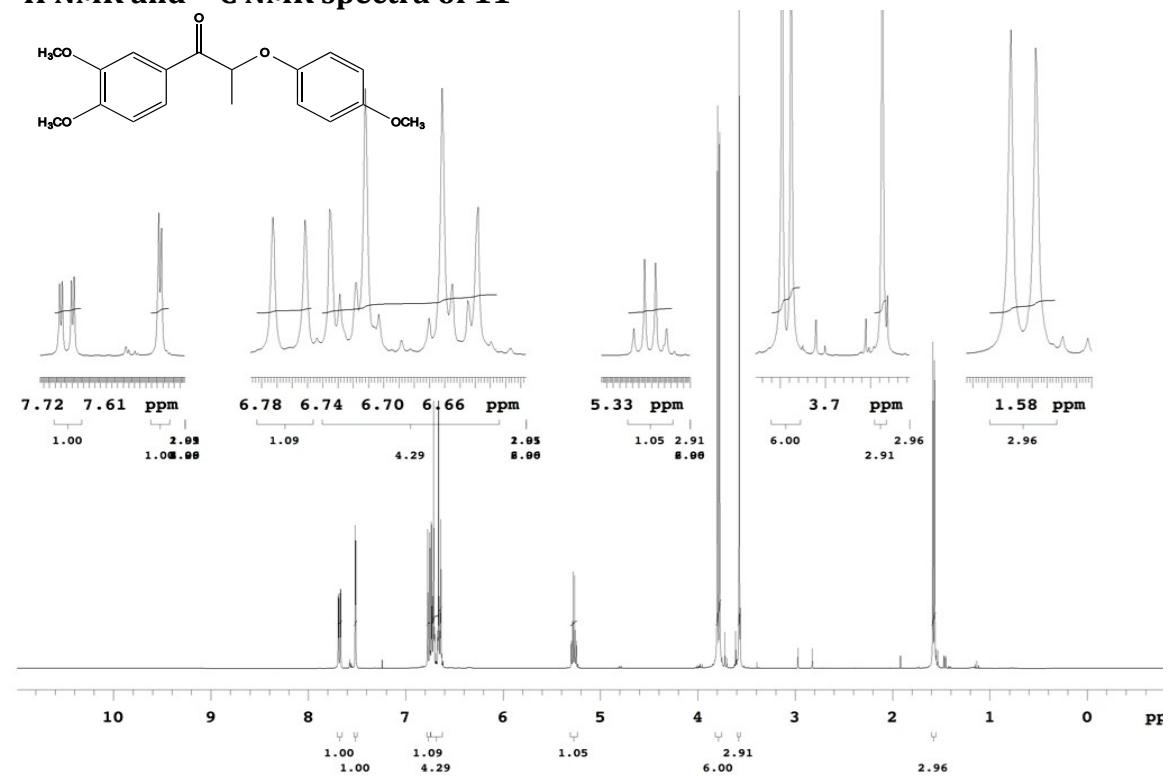
^1H NMR and ^{13}C NMR spectra of 9



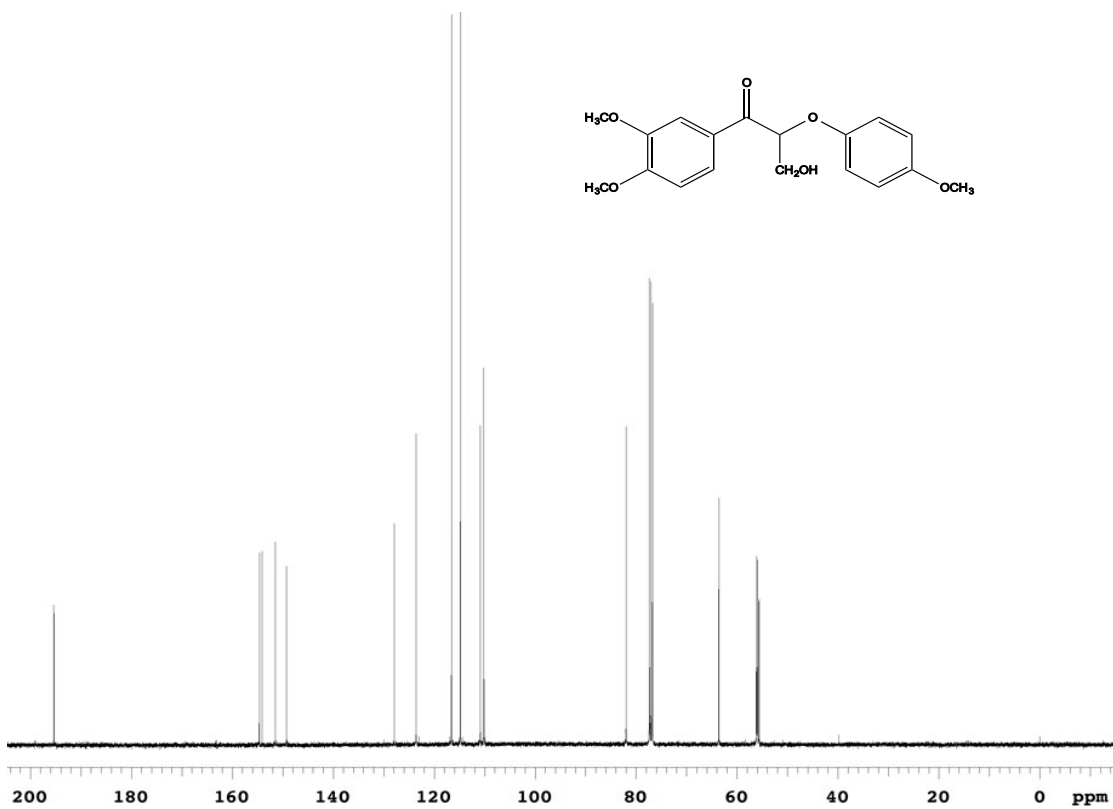
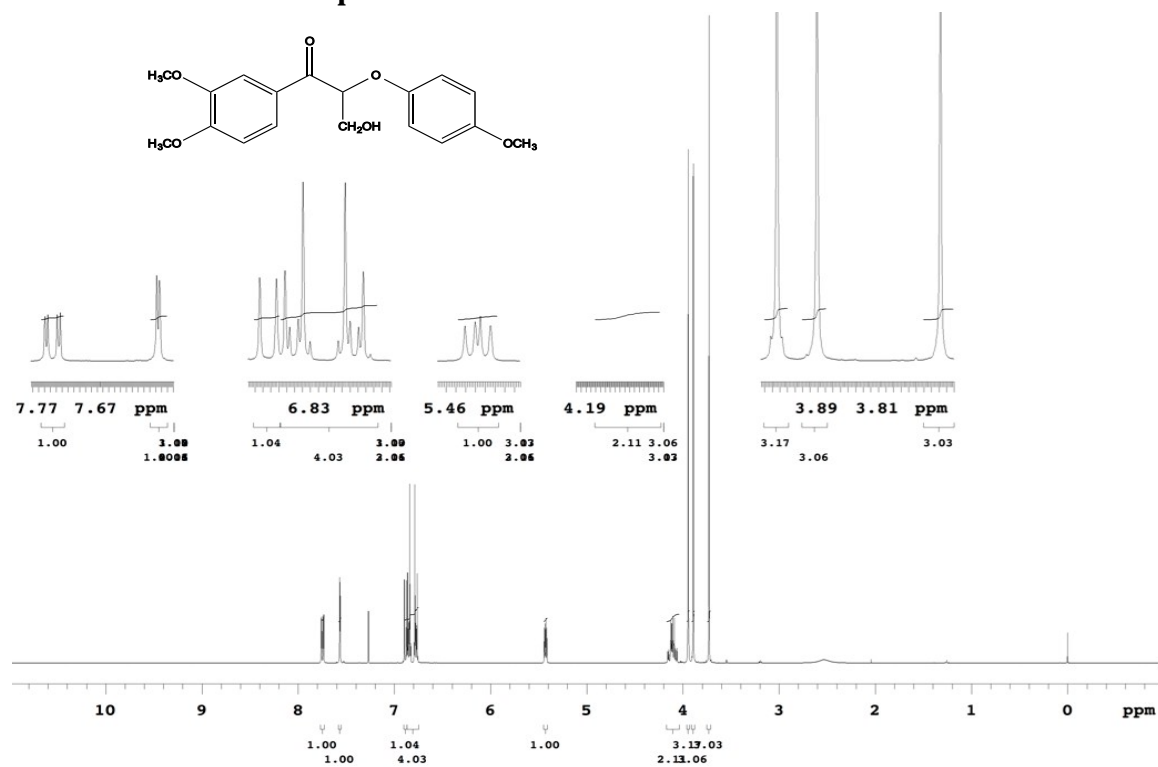
^1H NMR and ^{13}C NMR spectra of 10



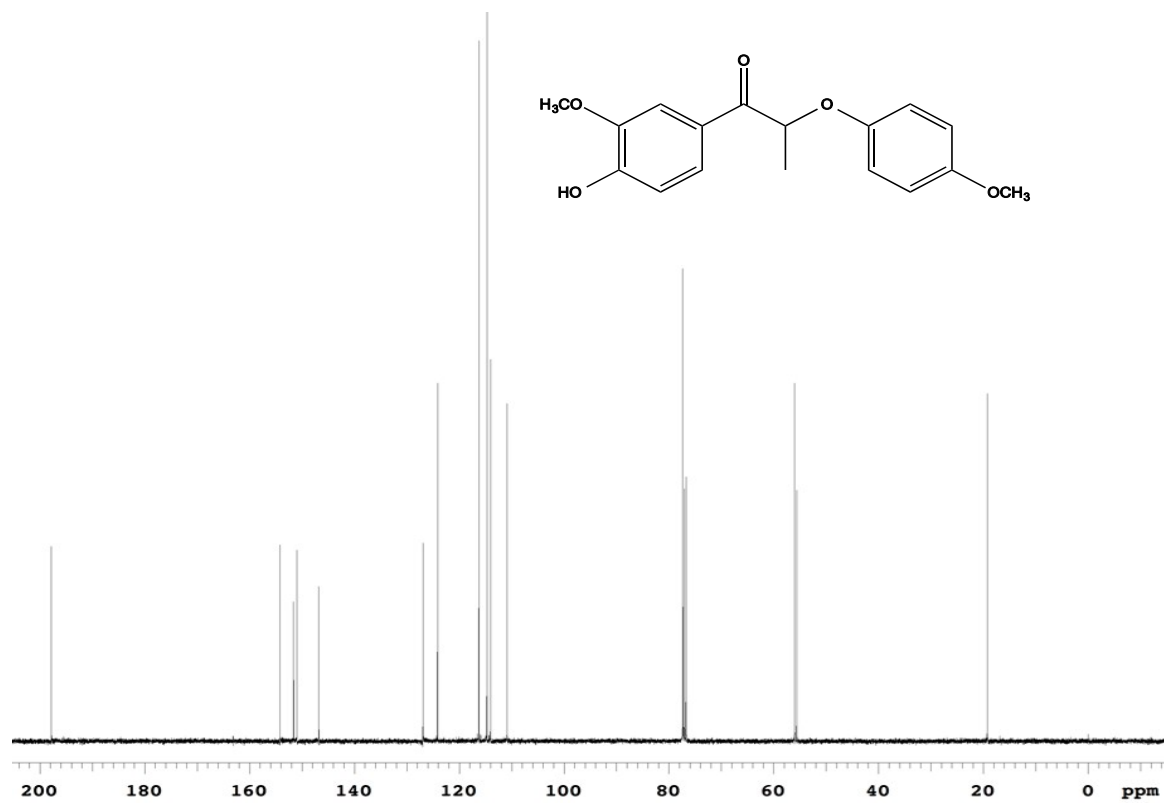
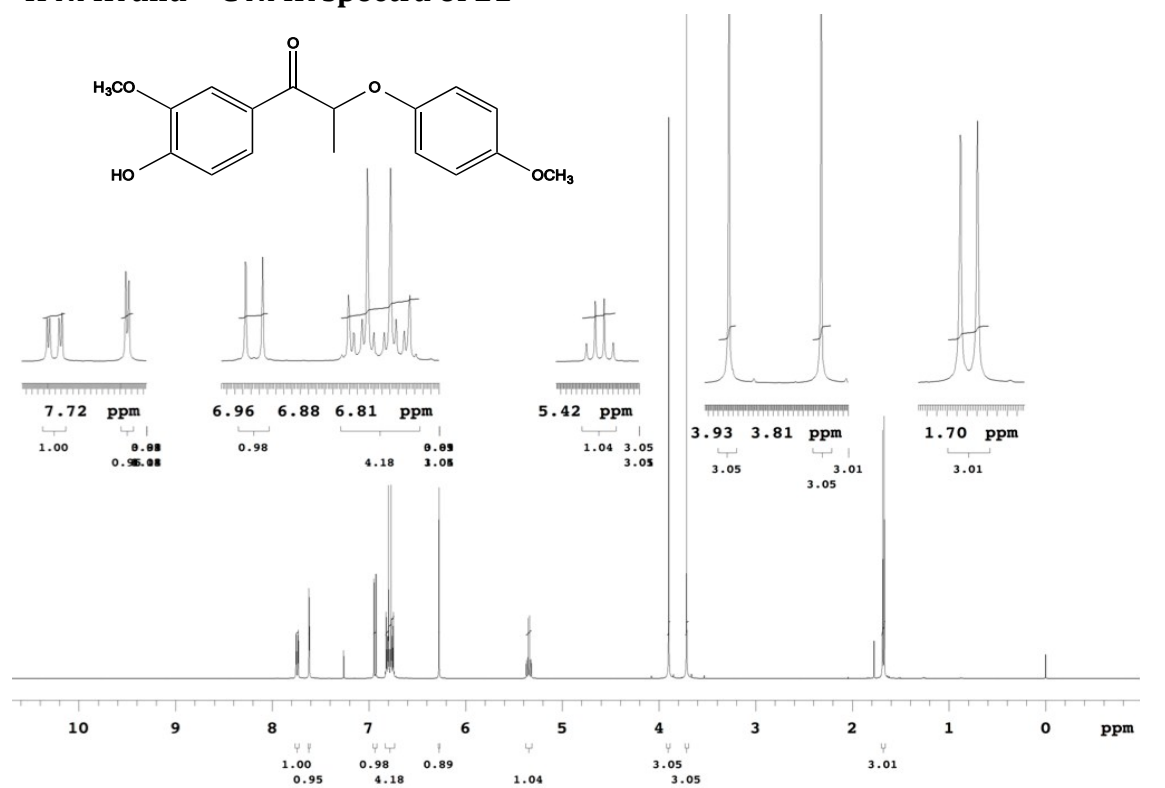
¹H NMR and ¹³C NMR spectra of 11



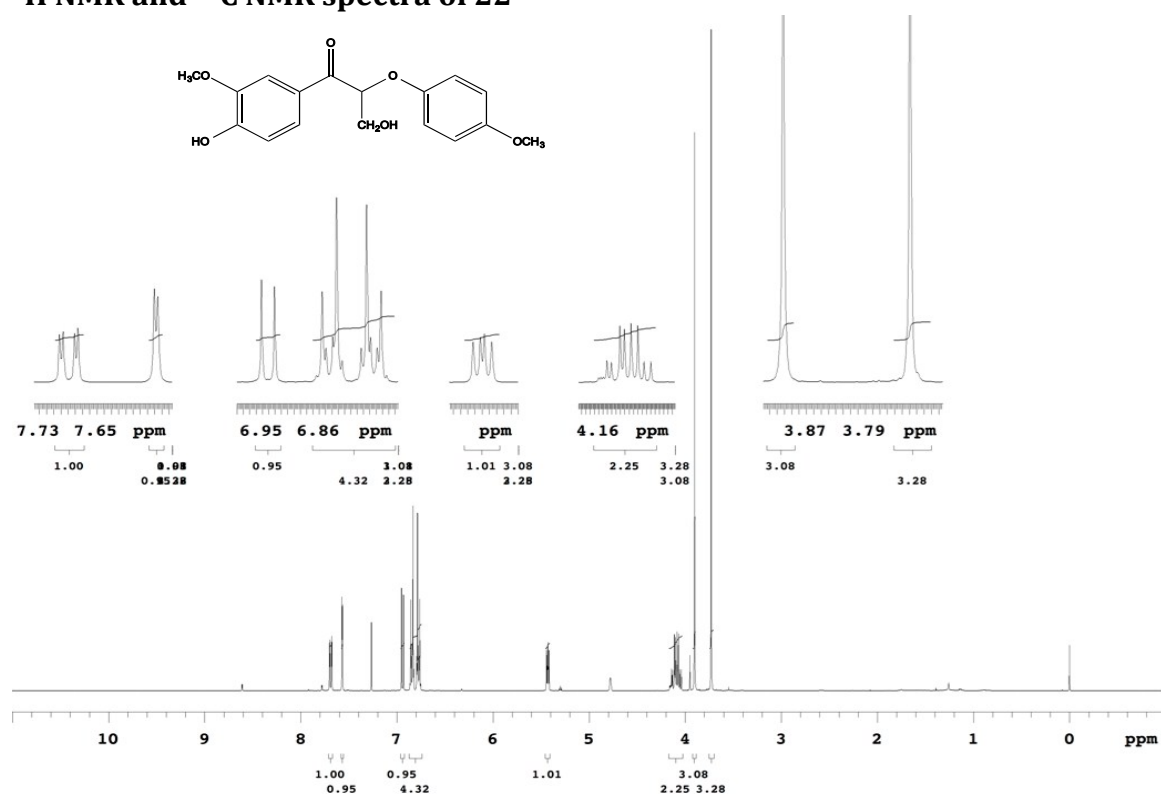
^1H NMR and ^{13}C NMR spectra of 12



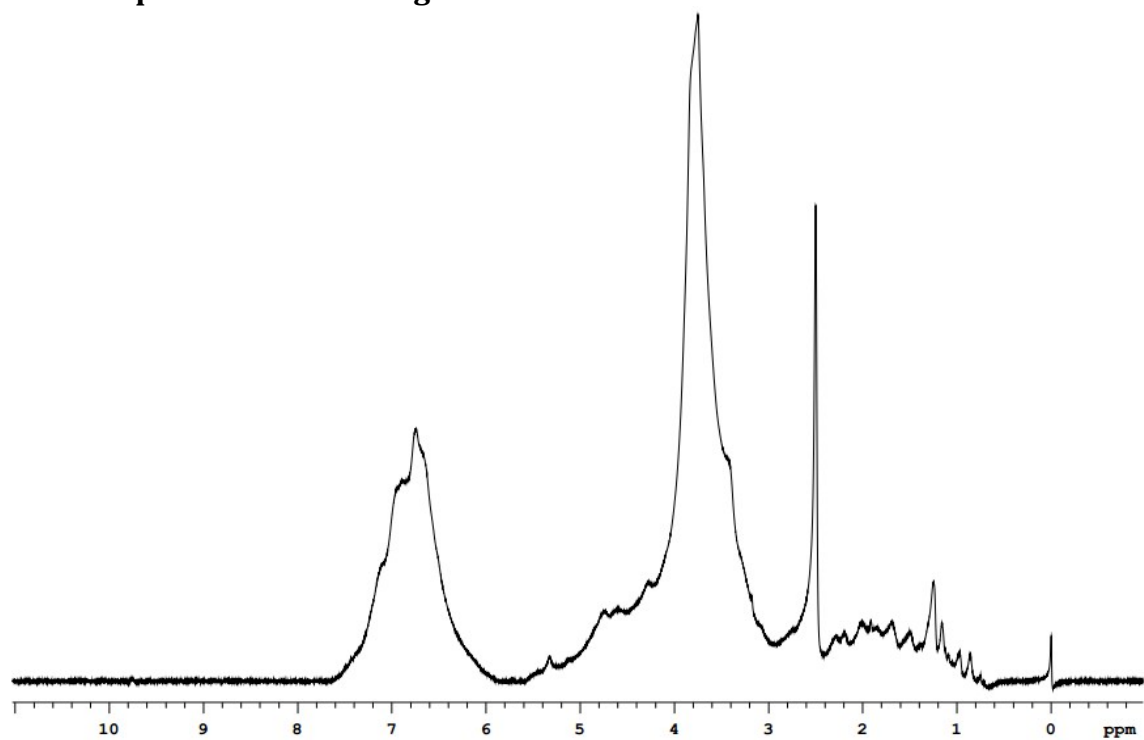
^1H NMR and ^{13}C NMR spectra of 21



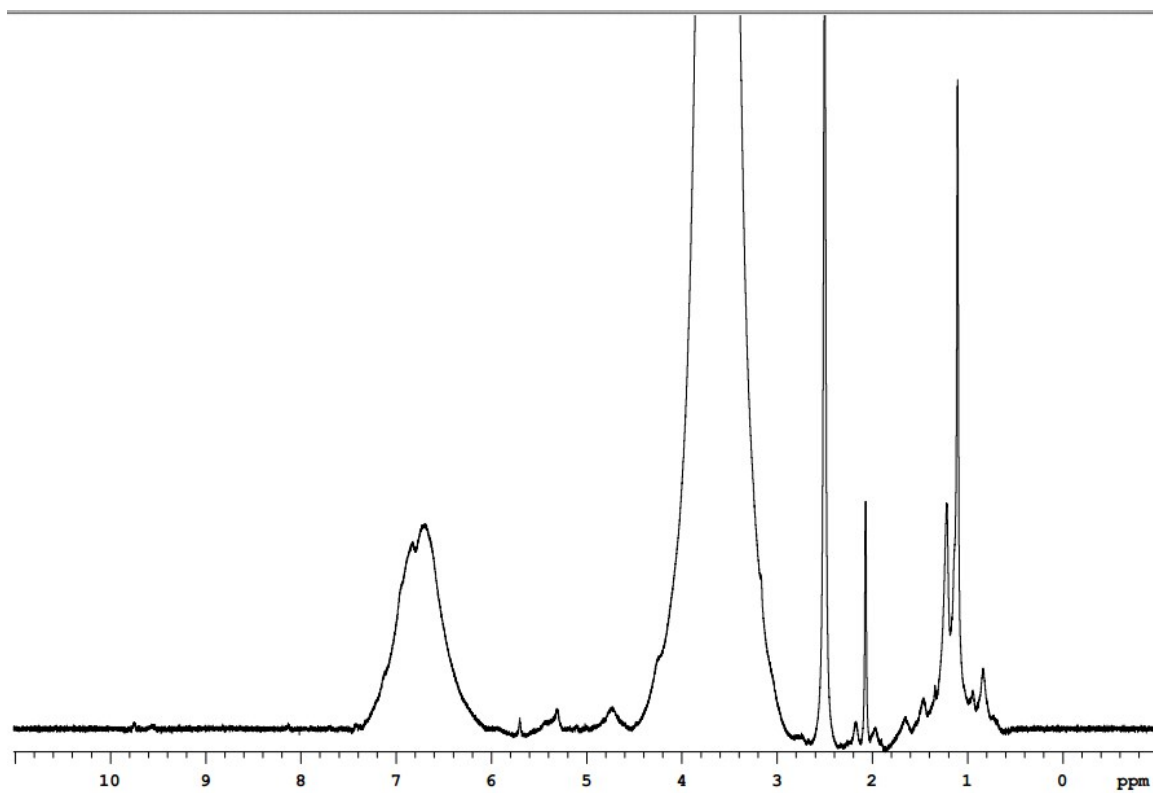
^1H NMR and ^{13}C NMR spectra of 22



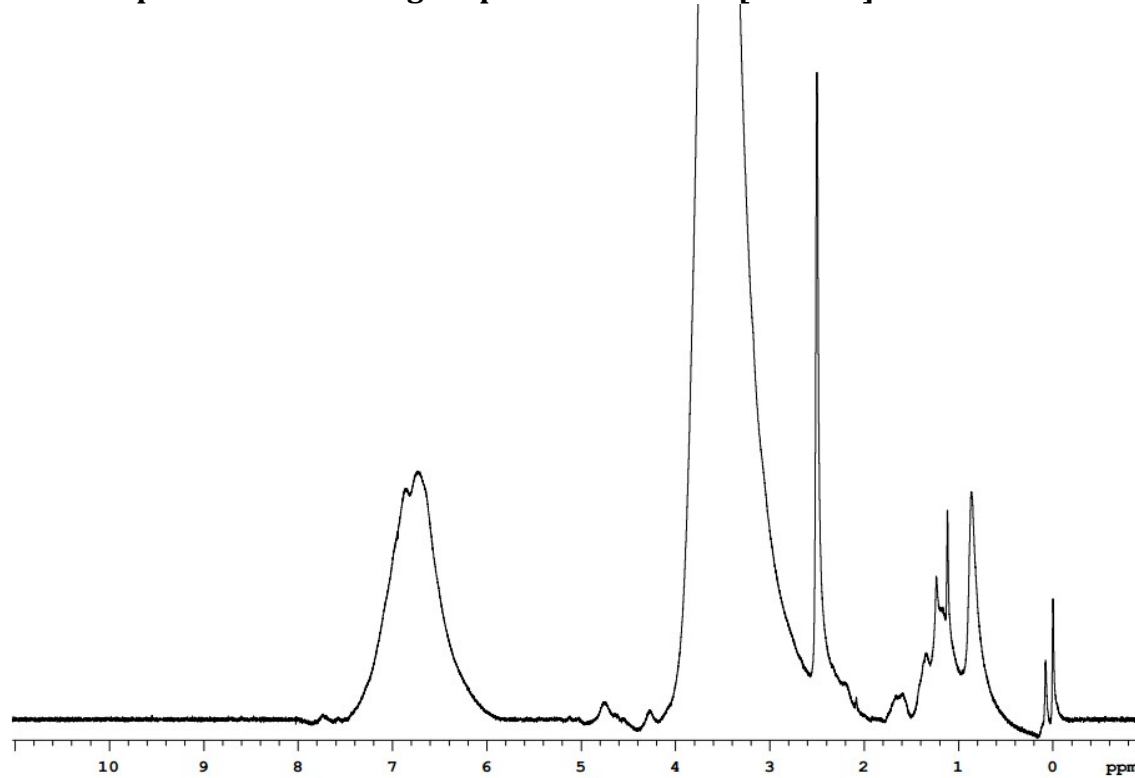
^1H NMR spectrum of Kraft Lignin



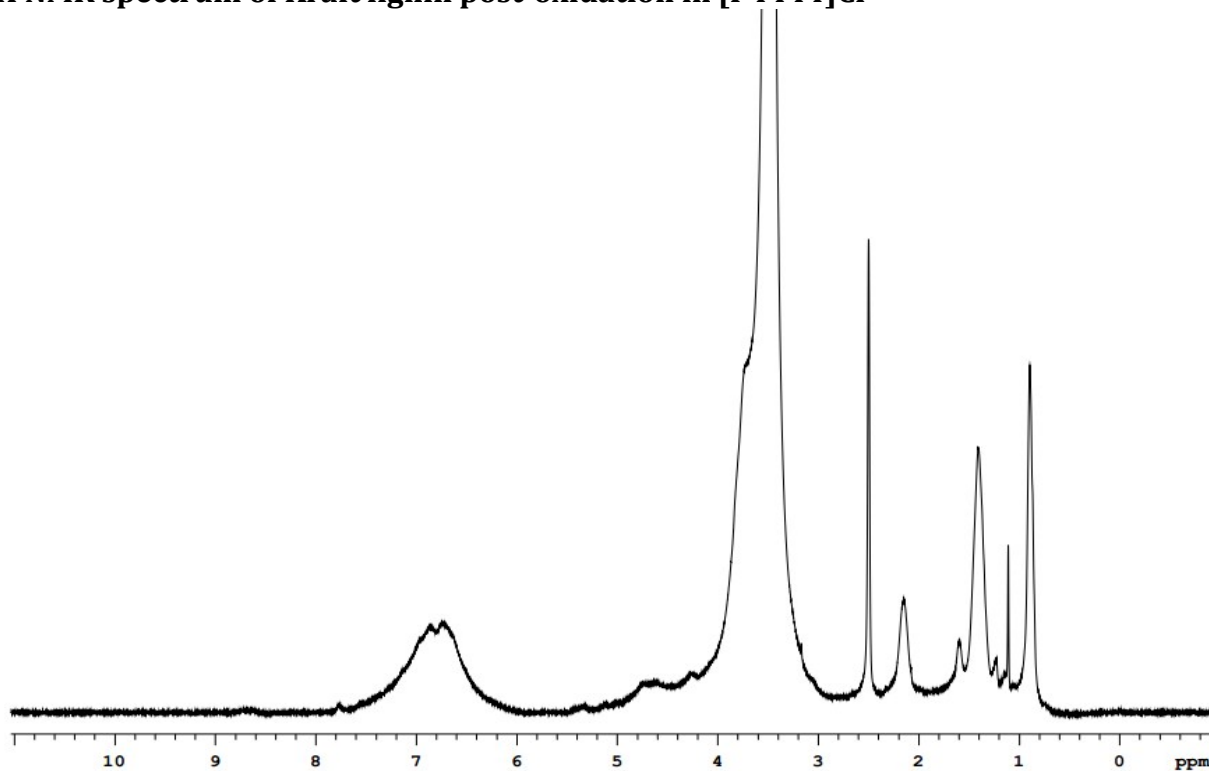
^1H NMR spectrum of Kraft lignin post-oxidation in MeCN



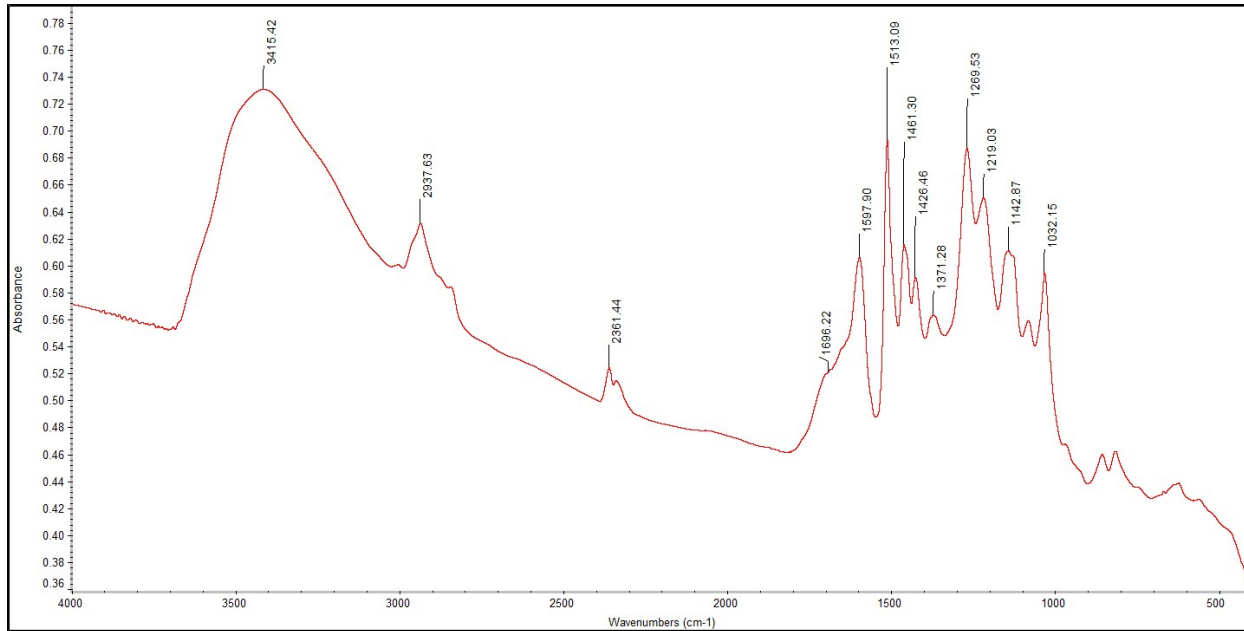
^1H NMR spectrum of Kraft lignin post-oxidation in [C4C1im]Cl



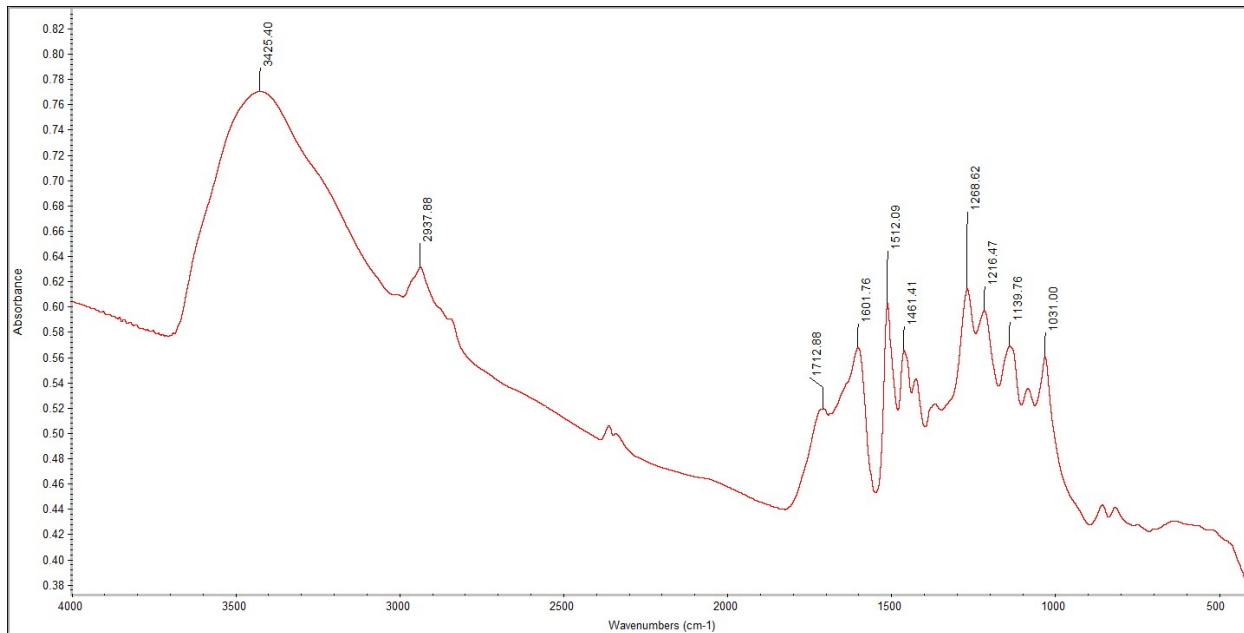
^1H NMR spectrum of Kraft lignin post-oxidation in [P4444]Cl



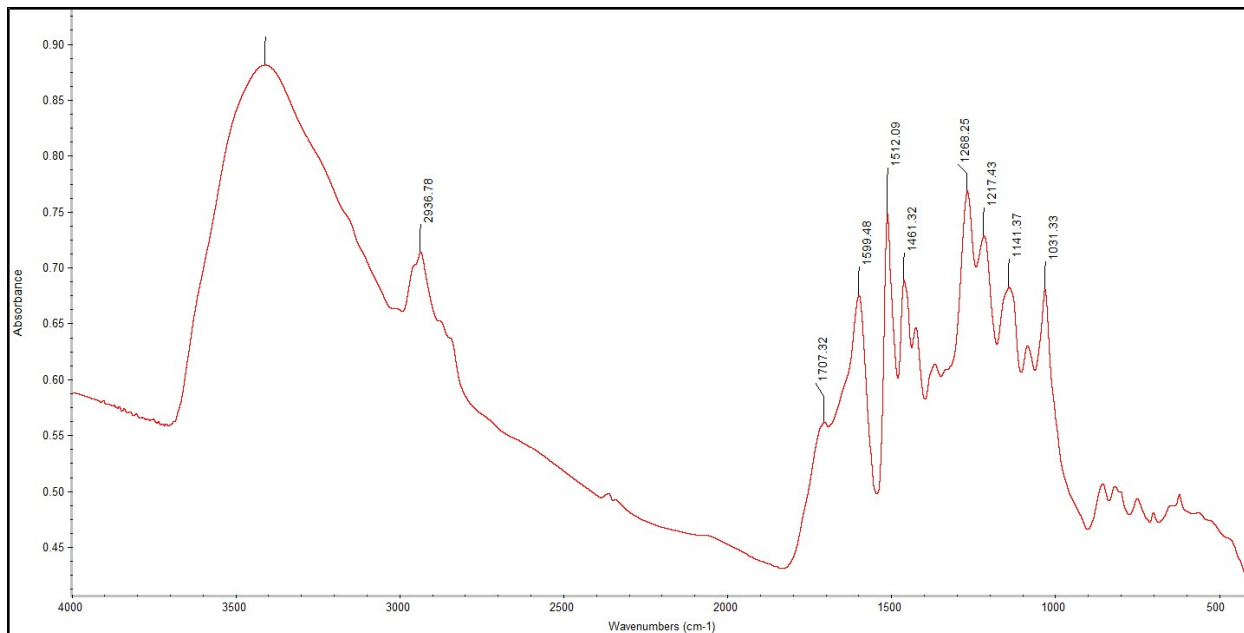
KBr-FTIR spectrum of Kraft lignin



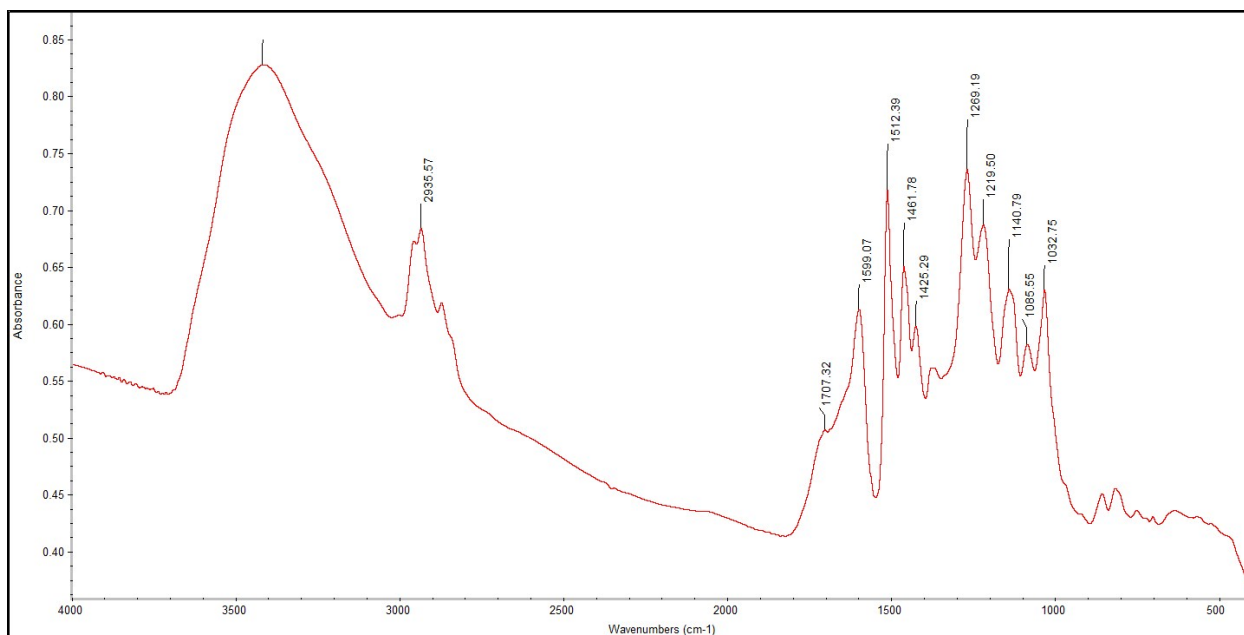
KBr-FTIR spectrum of Kraft lignin post-oxidation in MeCN



KBr-FTIR spectrum of Kraft lignin post-oxidation in [C4C1im]Cl



KBr-FTIR spectrum of Kraft lignin post-oxidation in [P4444]Cl



KBr-FTIR superimposed spectra of Kraft lignin before and after oxidation

