

SUPPLEMENTARY MATERIAL

Design, Synthesis and Application of Polymer-Supported Silicon Transfer Agents for Cross-Coupling Reactions with Organolithium Reagents

Minh H. Nguyen, Kevin T. O'Brien and Amos B. Smith, III*

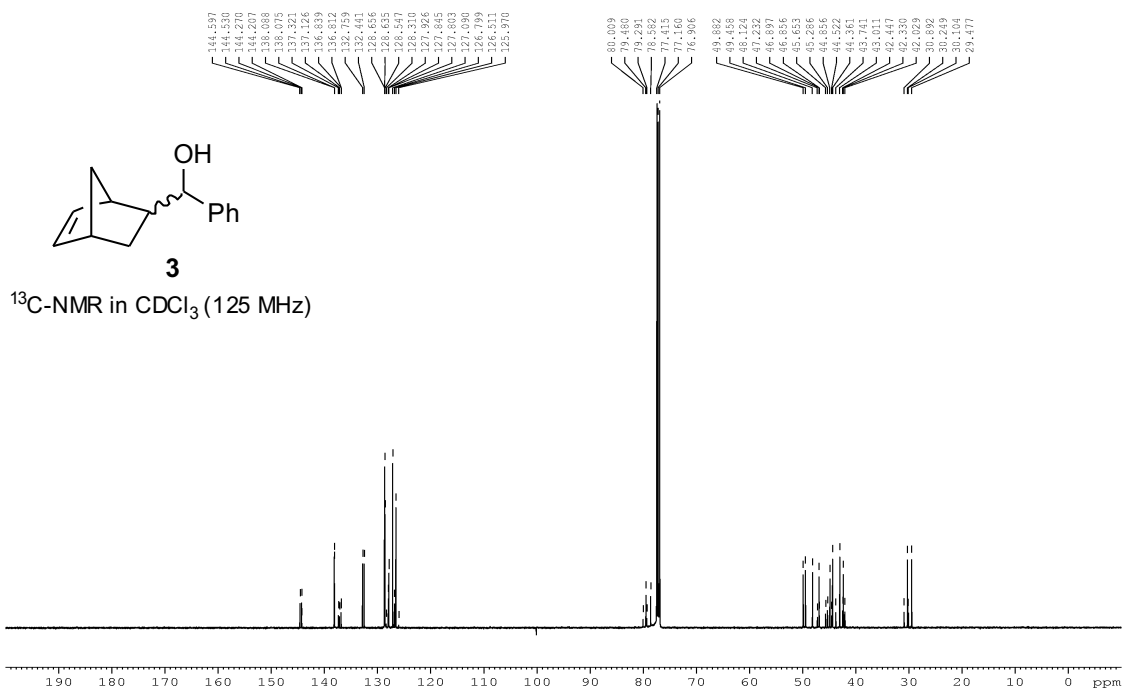
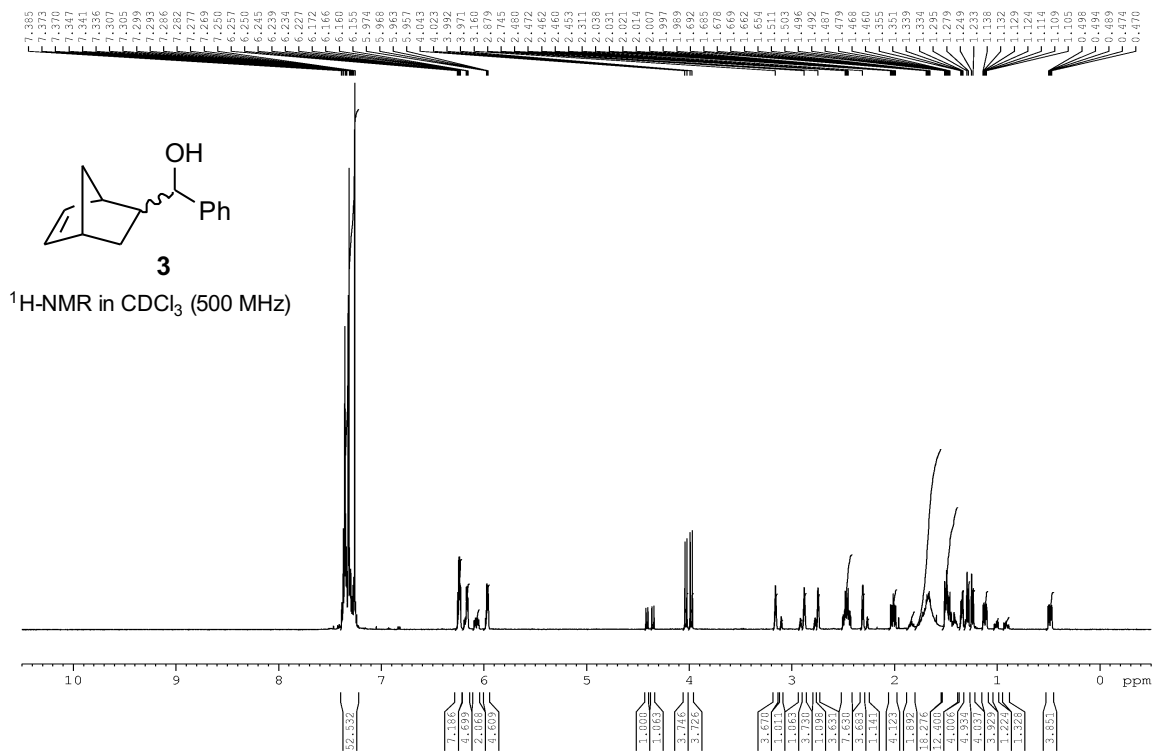
Department of Chemistry, Laboratory for Research on the Structure of Matter and

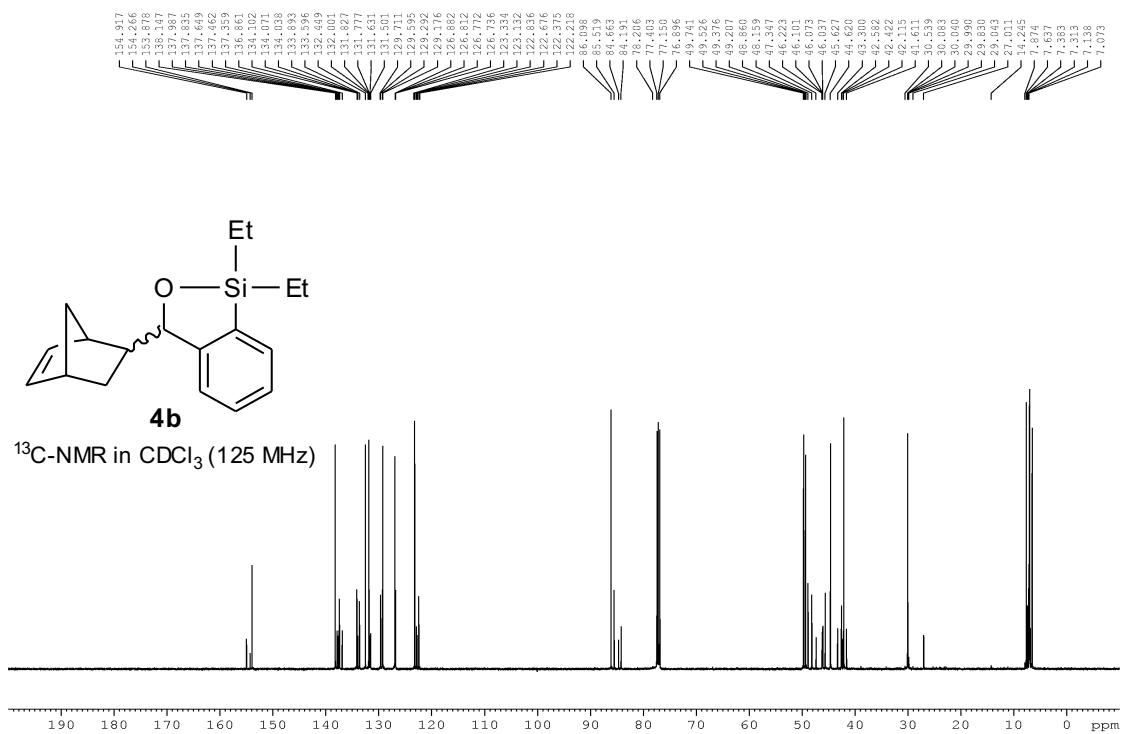
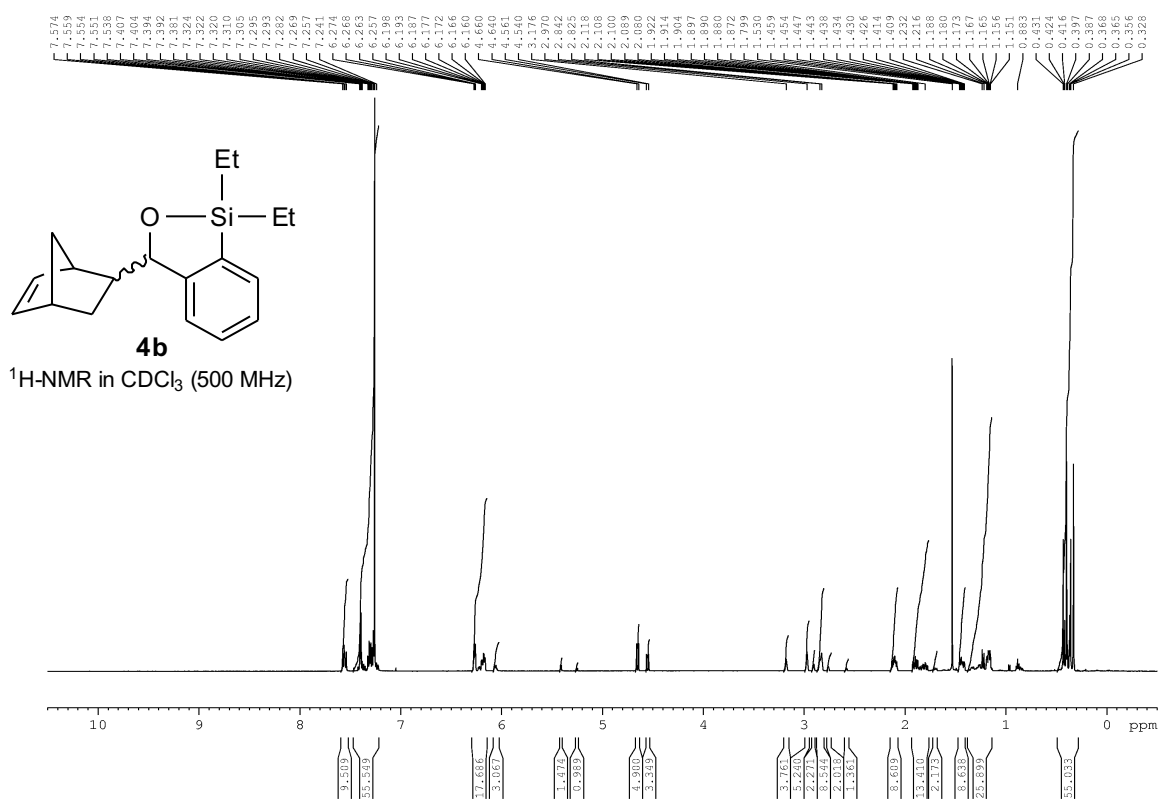
Monell Chemical Senses Center, University of Pennsylvania, Philadelphia,

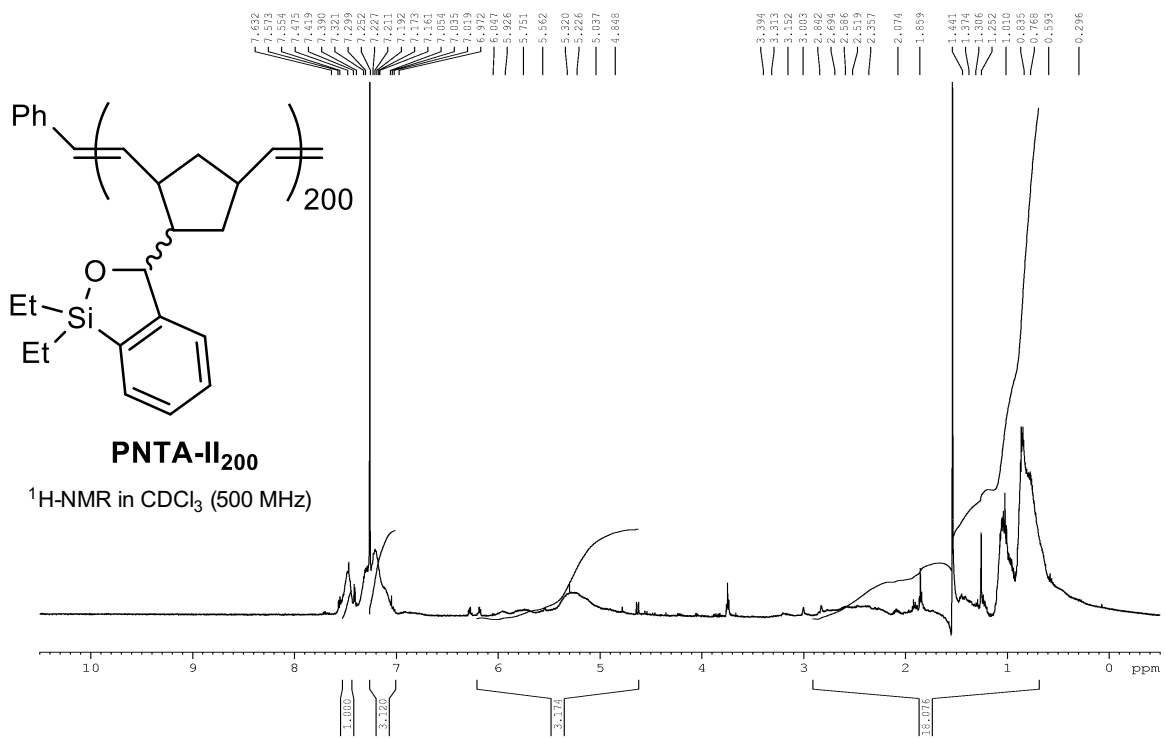
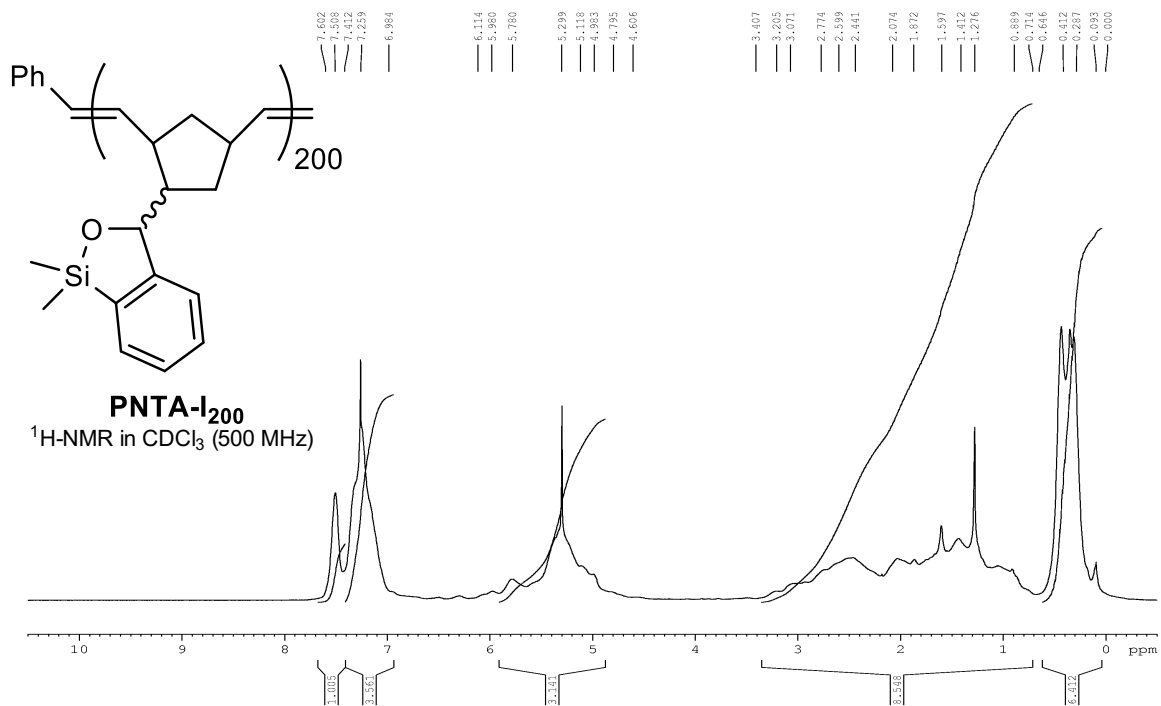
Pennsylvania 19104, United States

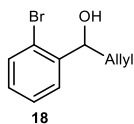
smithab@sas.upenn.edu

^1H NMR and ^{13}C NMR spectra of new compounds and cross-coupling products

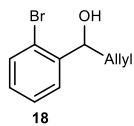
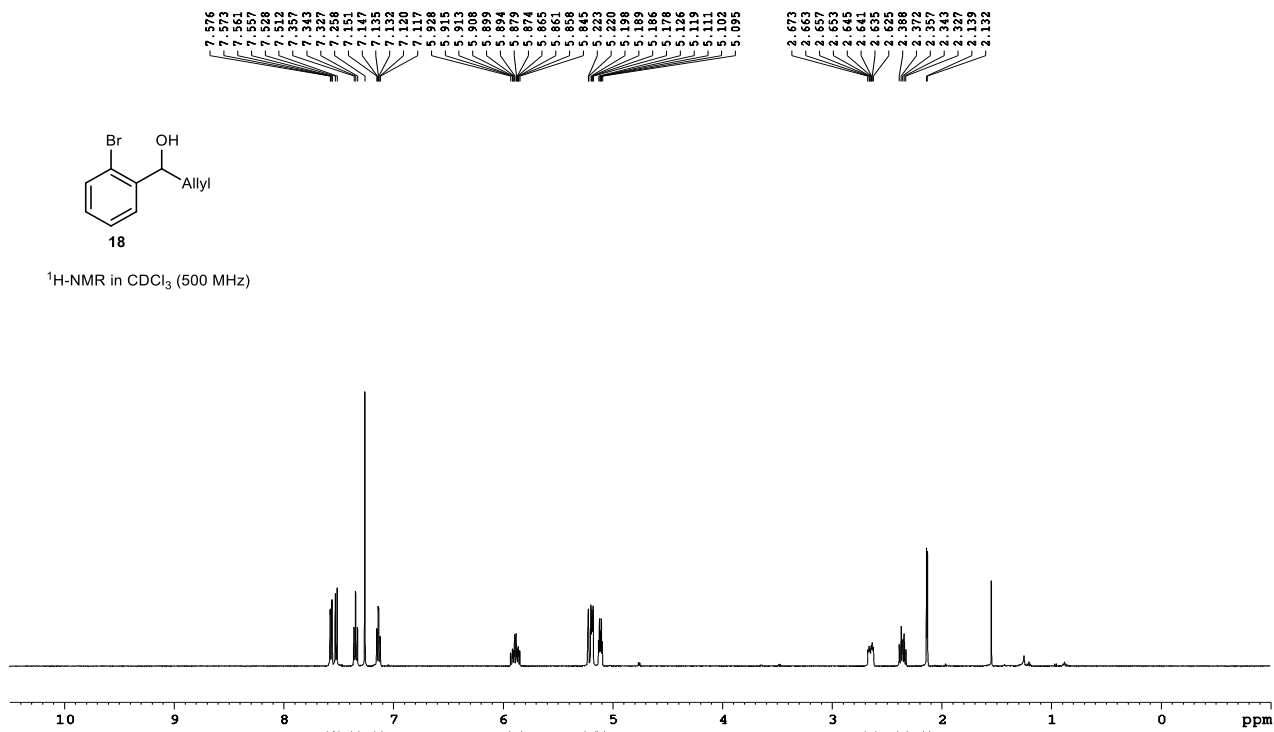




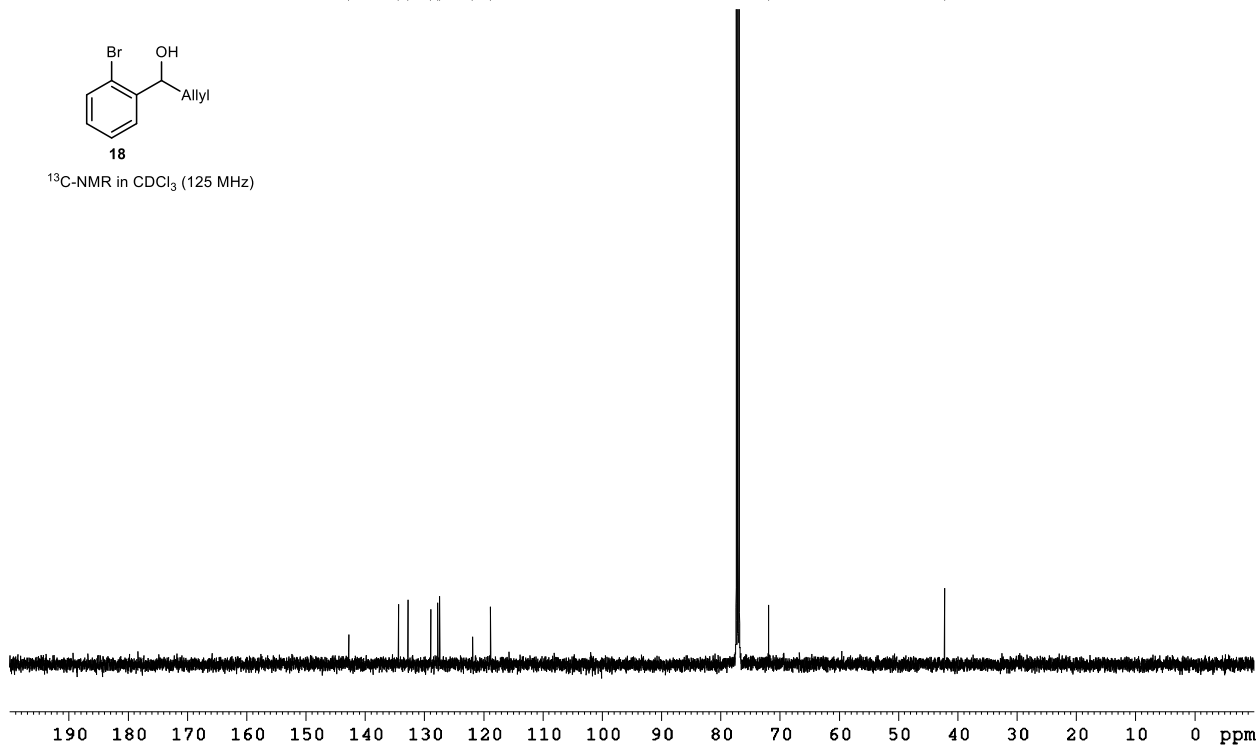


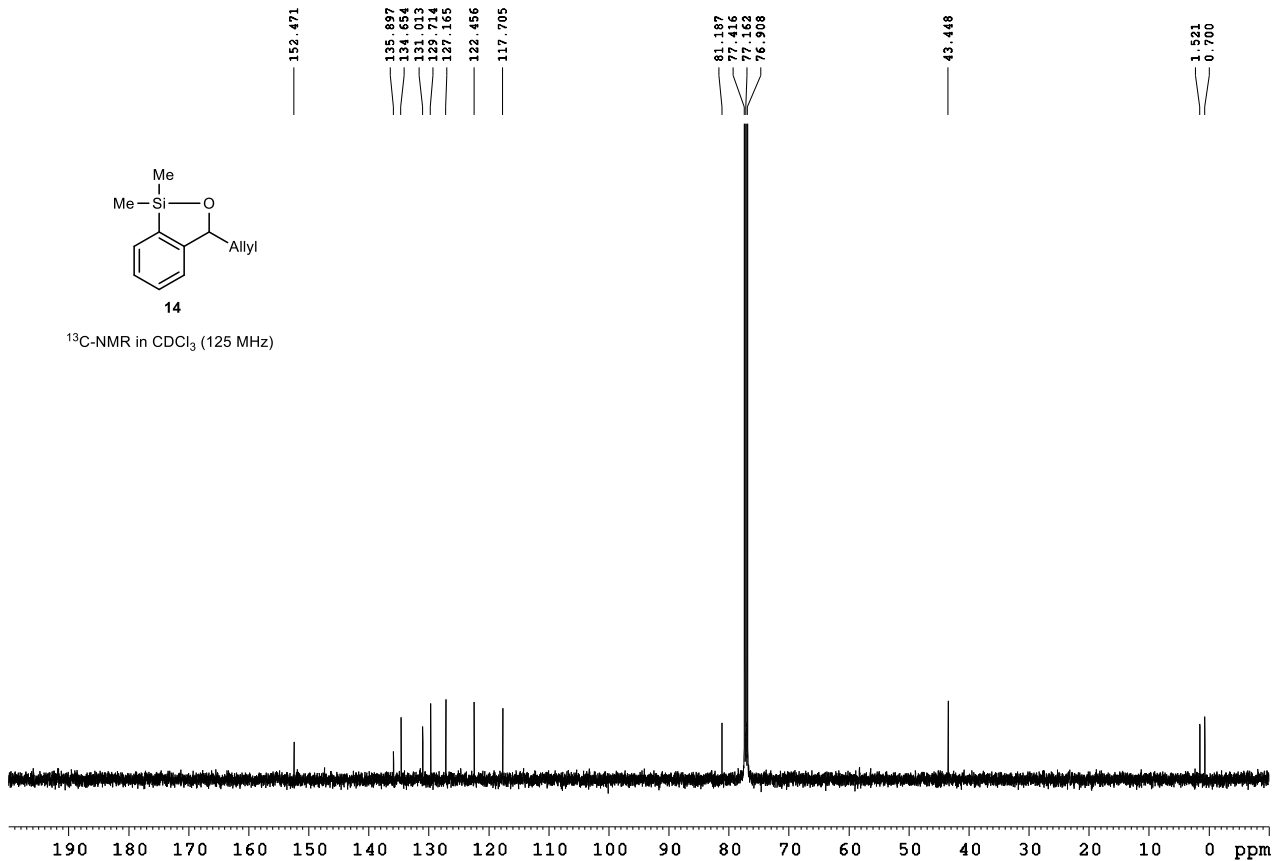
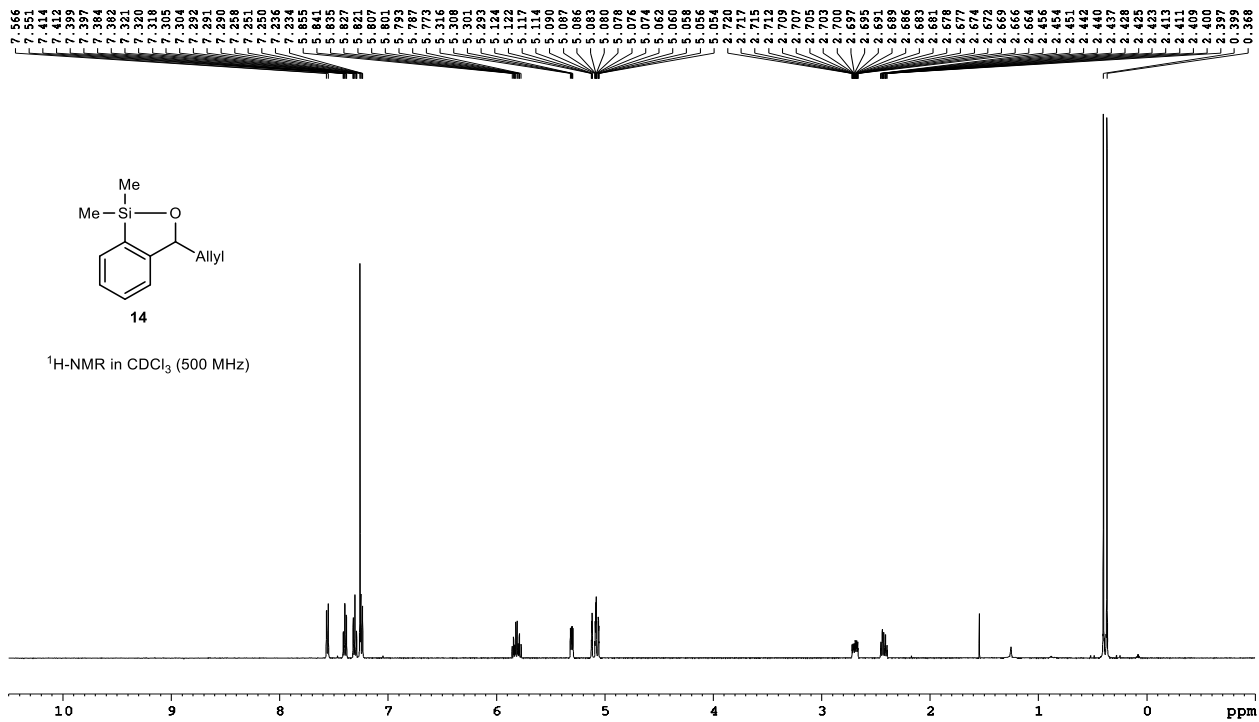


¹H-NMR in CDCl₃ (500 MHz)

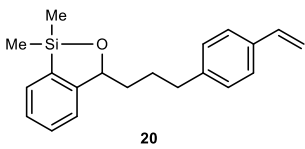


¹³C-NMR in CDCl₃ (125 MHz)

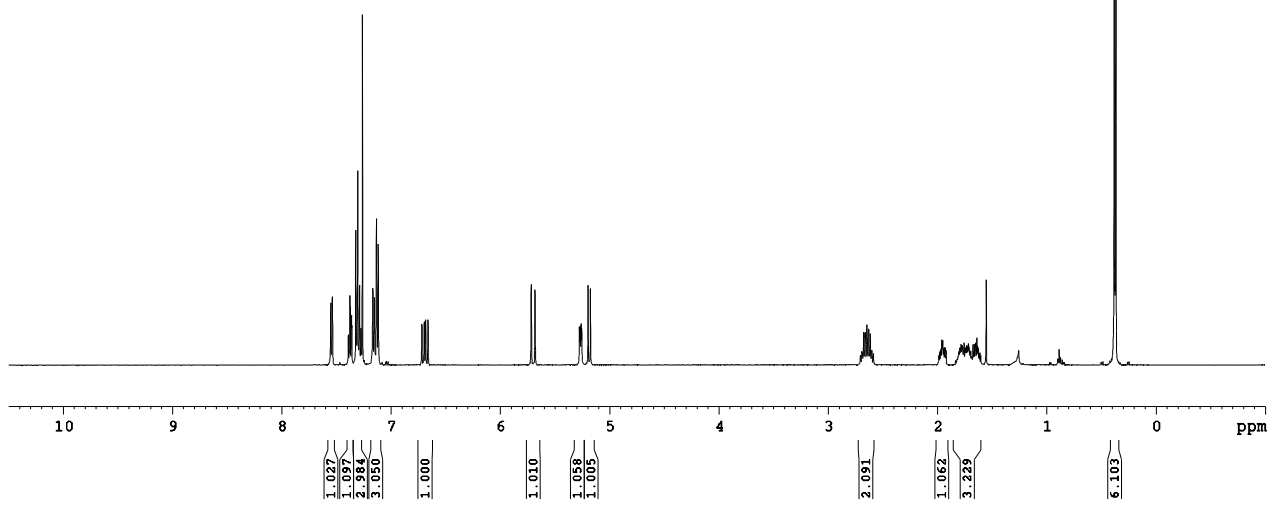




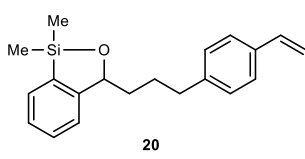
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7.535
7.389
7.387
7.372
7.359
7.357
7.319
7.303
7.287
7.268
7.264
7.185
7.150
7.131
7.115
6.716
6.684
6.684
6.659
5.715
5.714
5.680
5.679
5.274
5.274
5.259
5.252
5.195
5.194
5.173
5.172
5.172
2.686
2.677
2.664
2.660
2.646
2.638
2.604
1.982
1.978
1.971
1.968
1.961
1.956
1.944
1.941
1.934
1.930
1.923
1.807
1.790
1.785
1.785
1.773
1.769
1.762
1.758
1.748
1.744
1.741
1.736
1.732
1.728
1.723
1.718
1.711
1.706
1.701
1.697
1.676
1.667
1.655
1.654
1.652
1.650
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1.640
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1.628
1.628
1.625
1.619
1.613
0.383
0.369



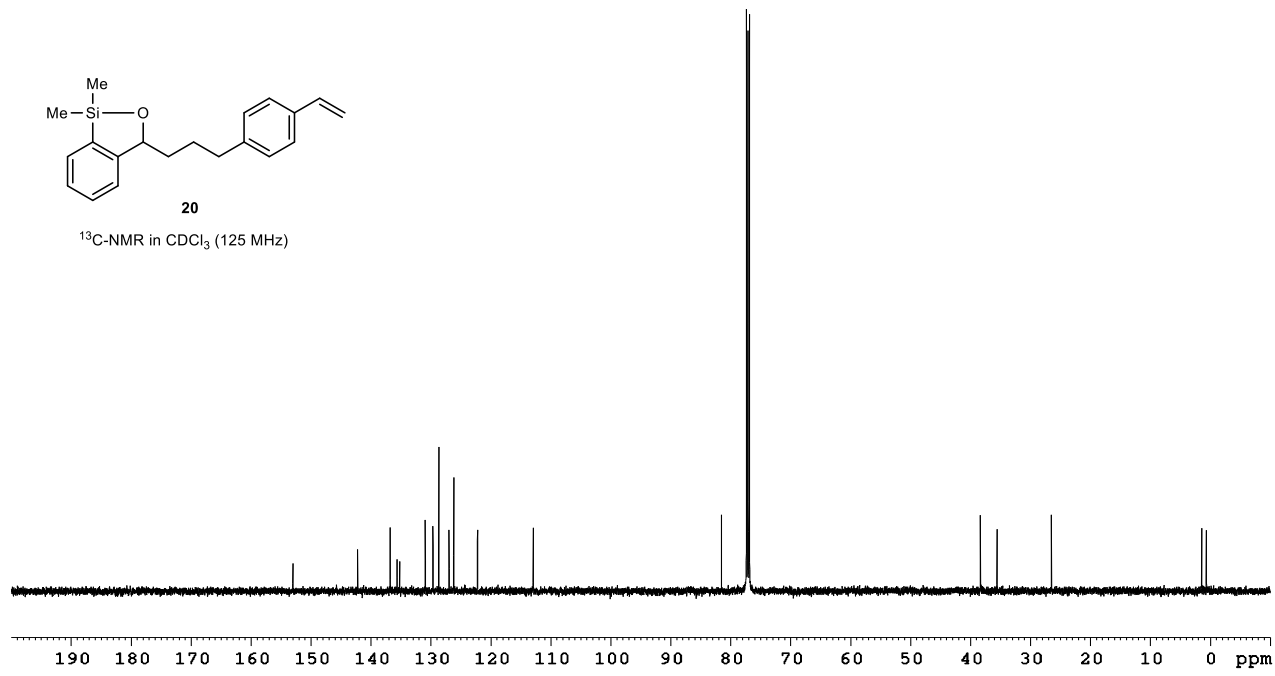
¹H-NMR in CDCl₃ (500 MHz)

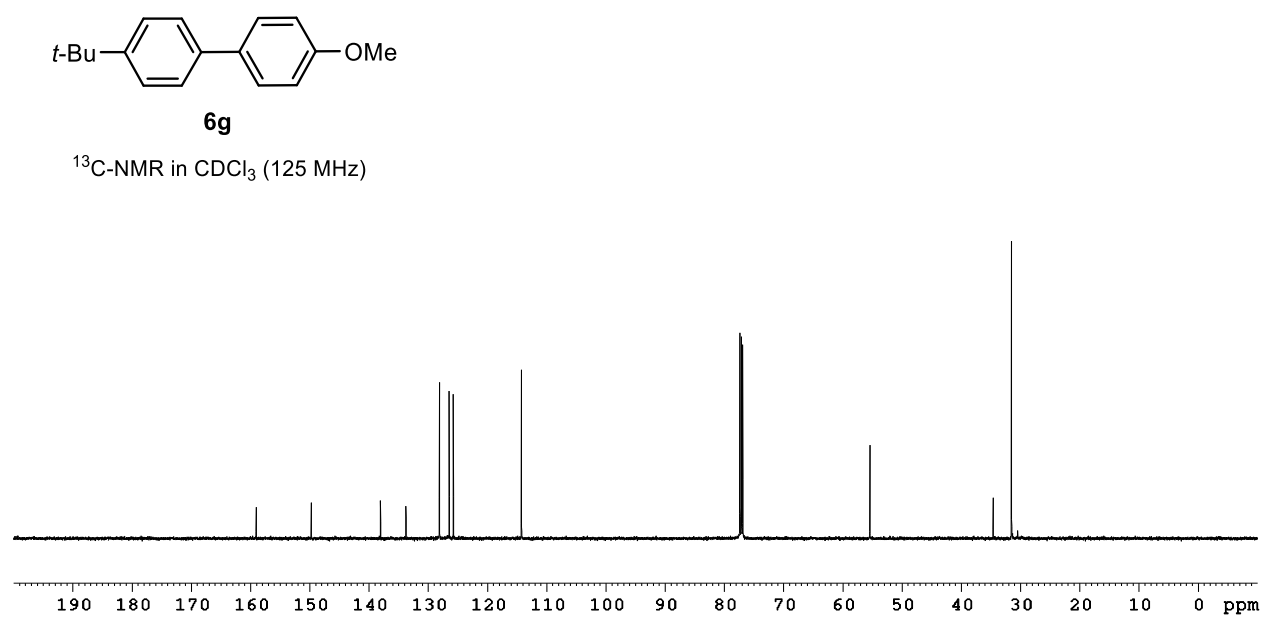
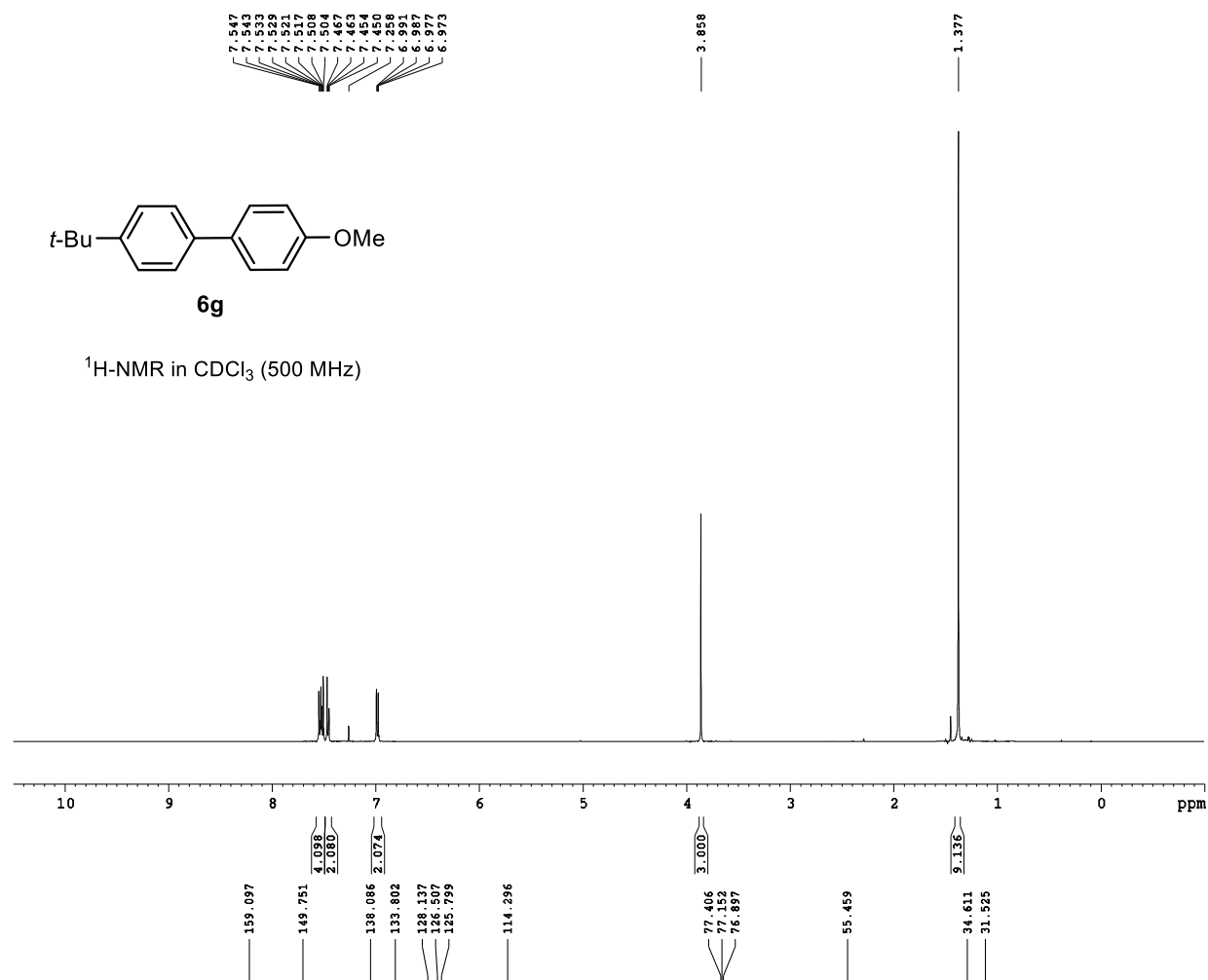


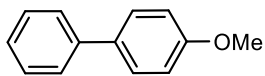
153.062
142.277
136.838
135.876
135.206
130.953
129.695
128.694
127.005
126.265
122.262
112.927
81.540
77.385
77.131
76.877
38.381
35.589
26.516
1.445
0.677



¹³C-NMR in CDCl₃ (125 MHz)

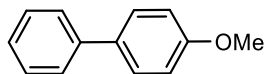
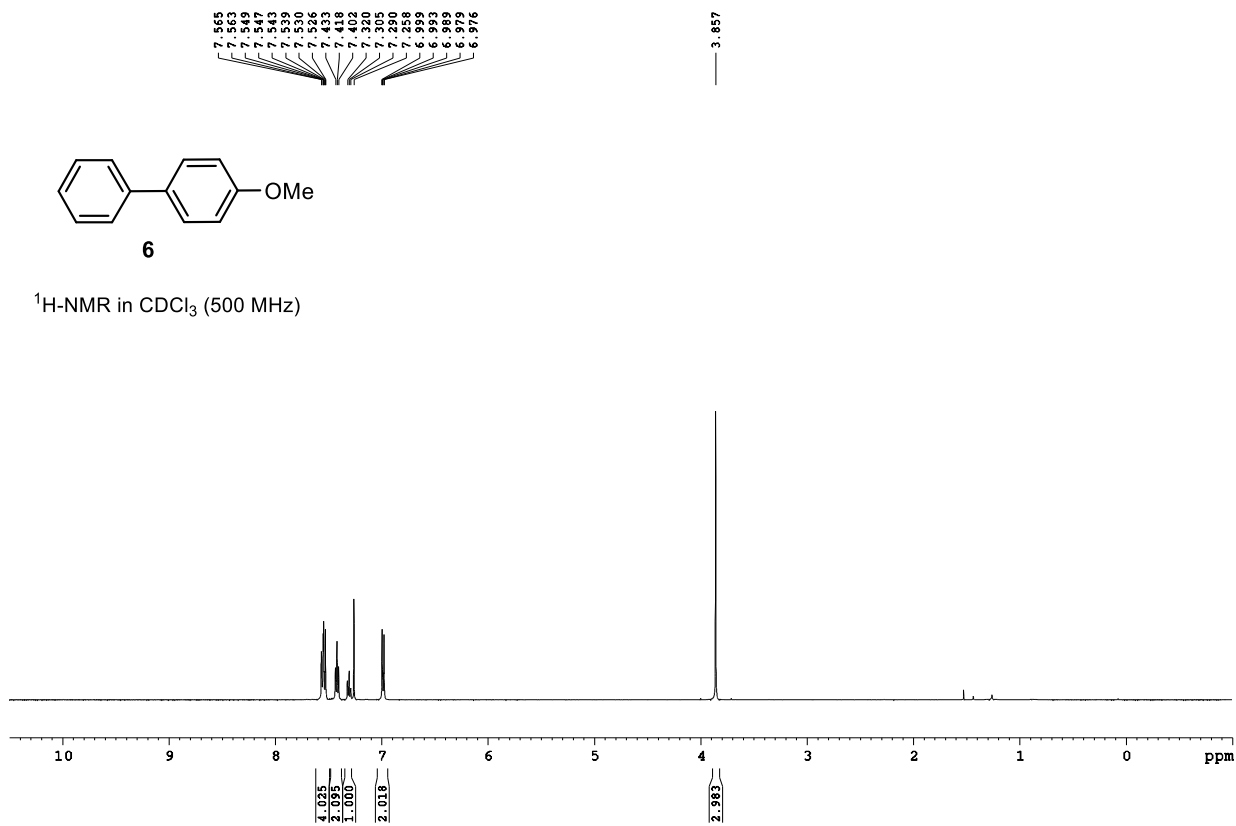






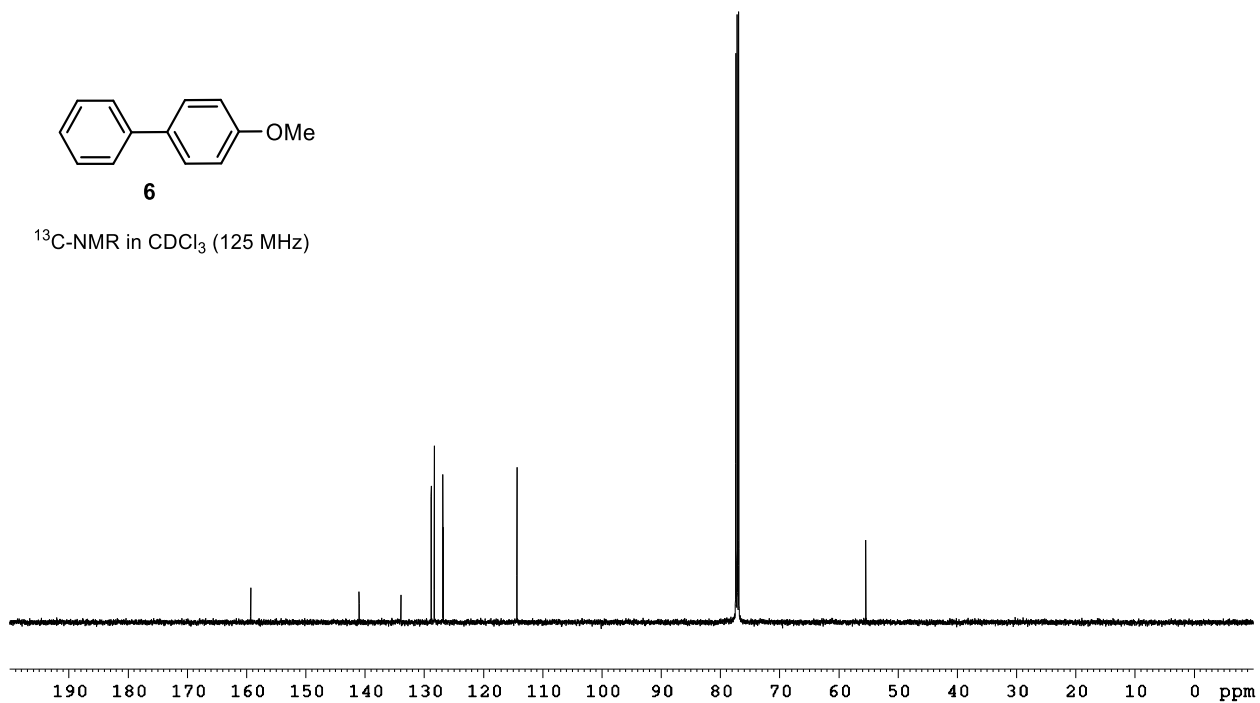
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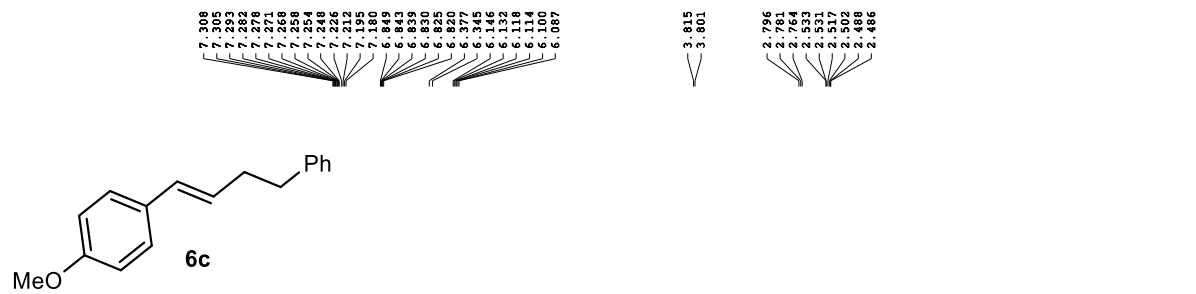
¹H-NMR in CDCl₃ (500 MHz)



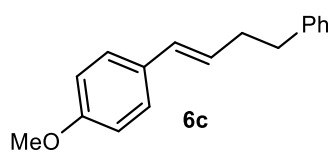
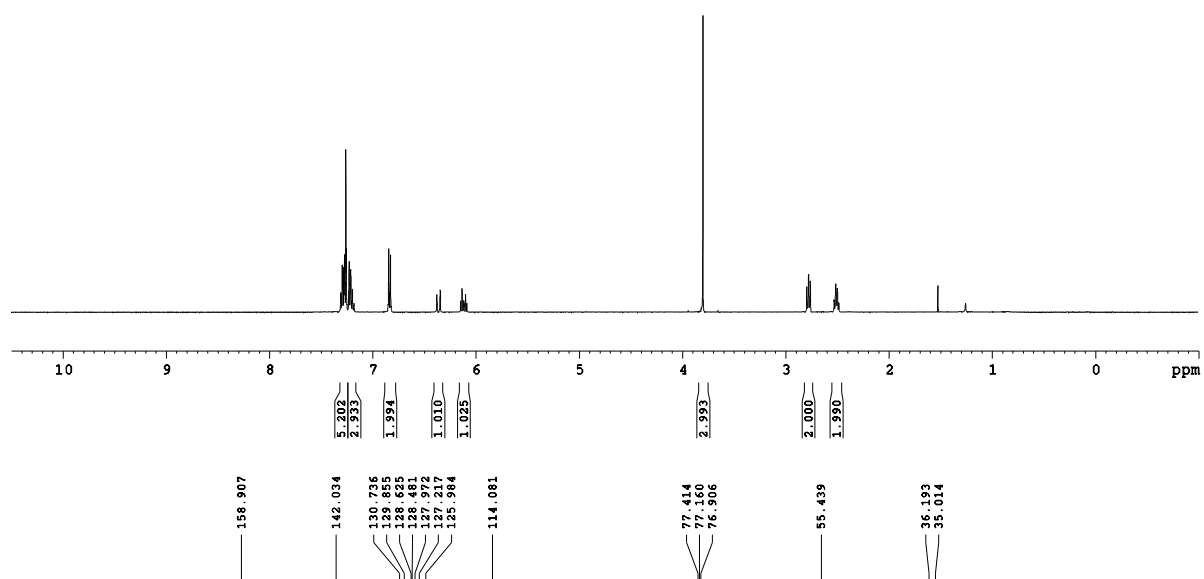
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¹³C-NMR in CDCl₃ (125 MHz)

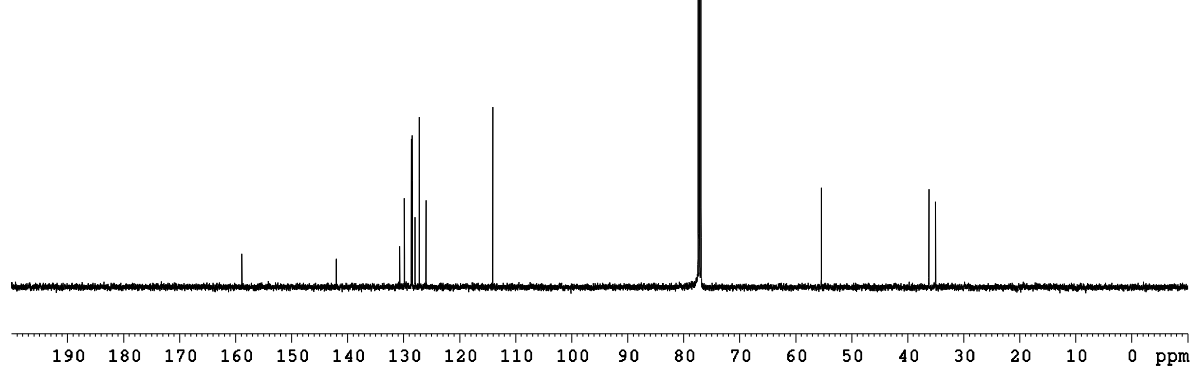


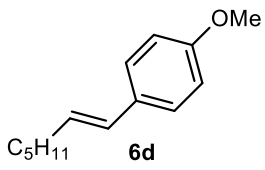


$^1\text{H-NMR}$ in CDCl_3 (500 MHz)

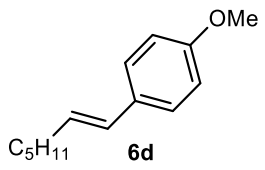
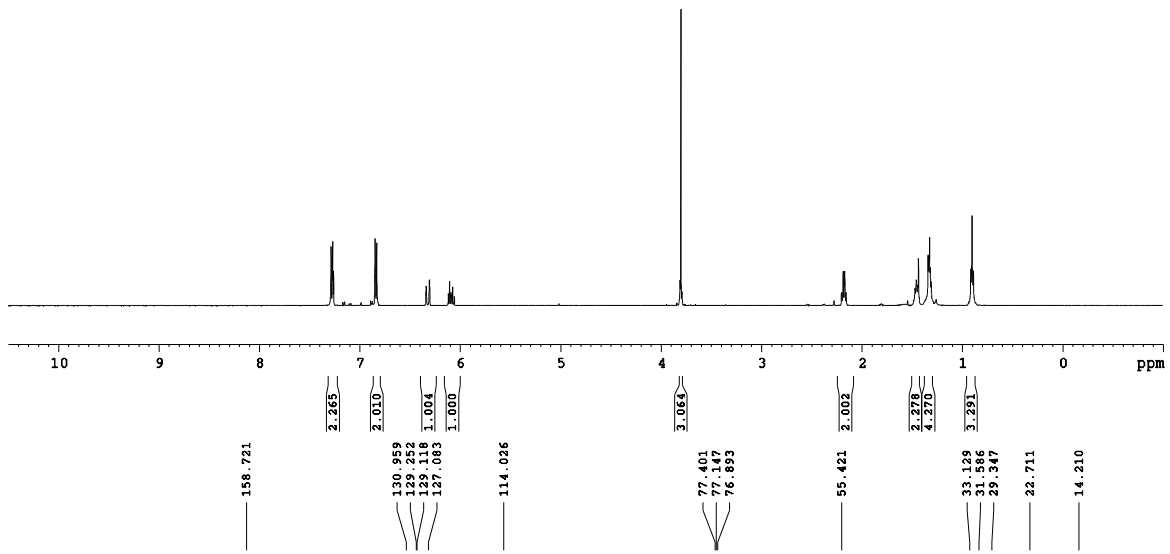


$^{13}\text{C-NMR}$ in CDCl_3 (125 MHz)

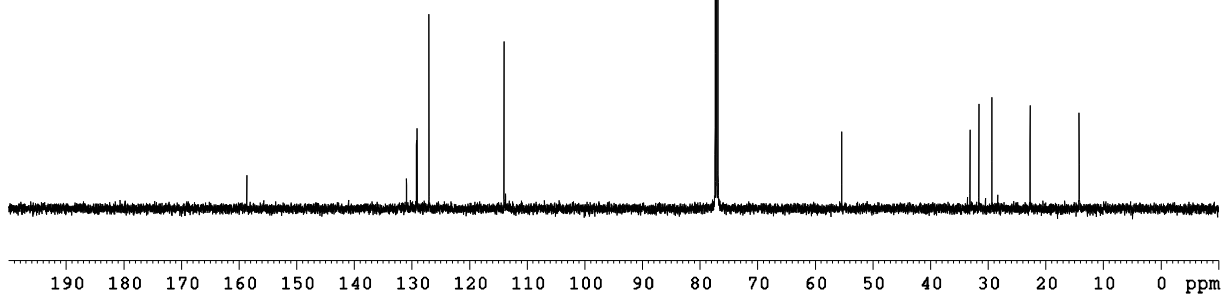


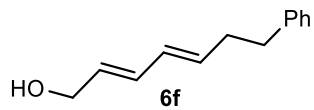


¹H-NMR in CDCl₃ (500 MHz)

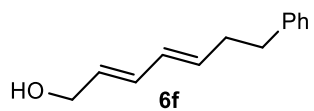
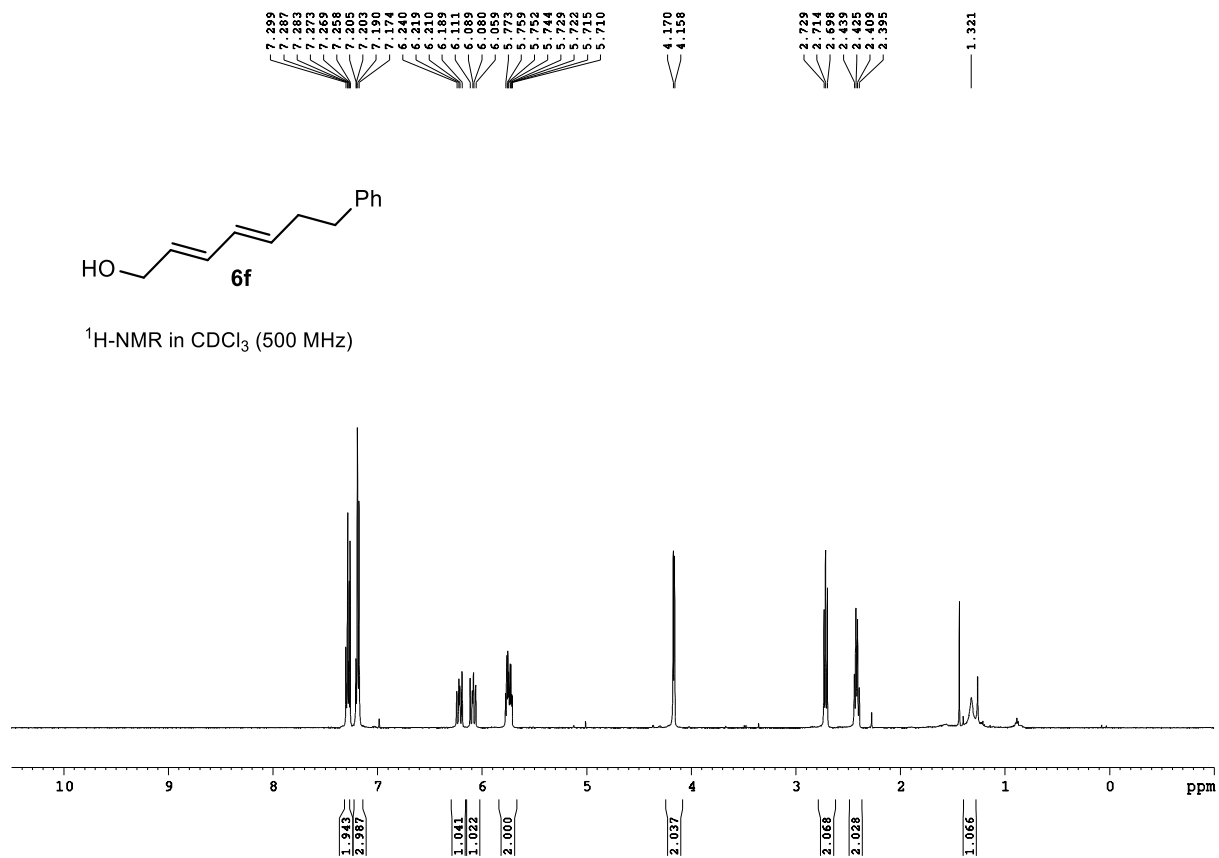


¹³C-NMR in CDCl₃ (125 MHz)

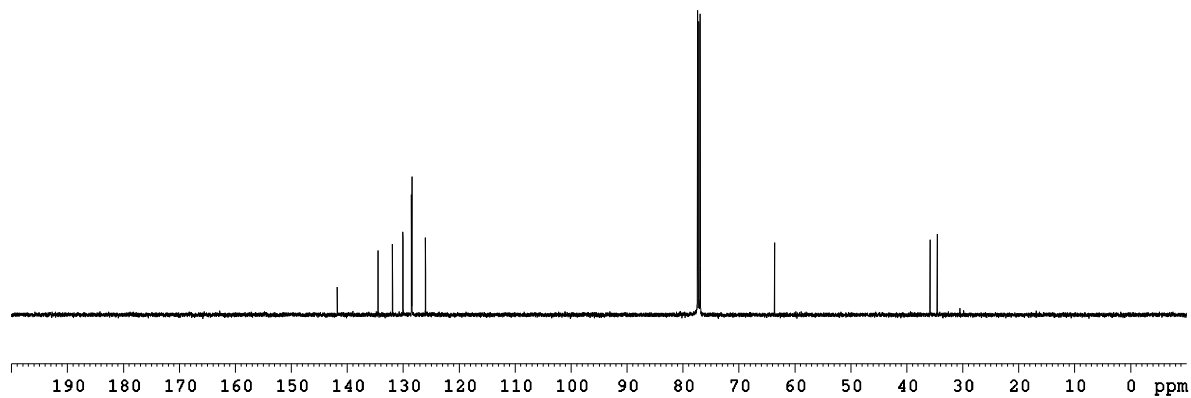




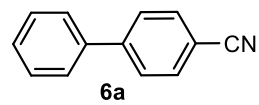
¹H-NMR in CDCl₃ (500 MHz)



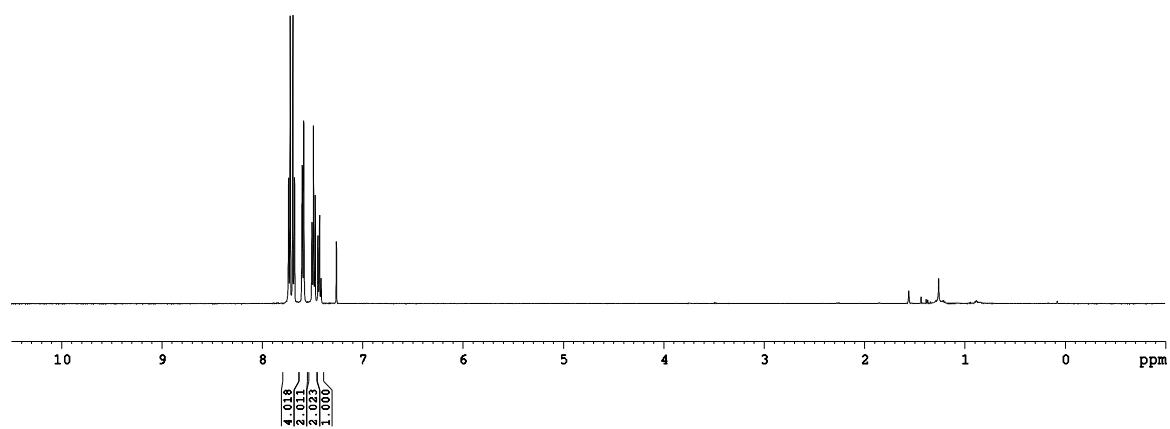
¹³C-NMR in CDCl₃ (125 MHz)



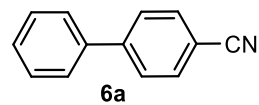
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7.677
7.599
7.584
7.582
7.497
7.471
7.442
7.427
7.258



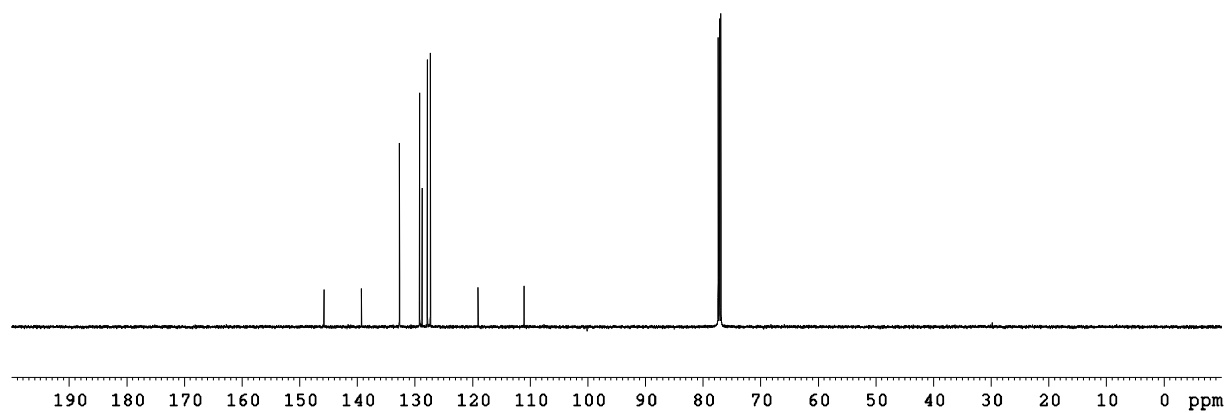
¹H-NMR in CDCl₃ (500 MHz)

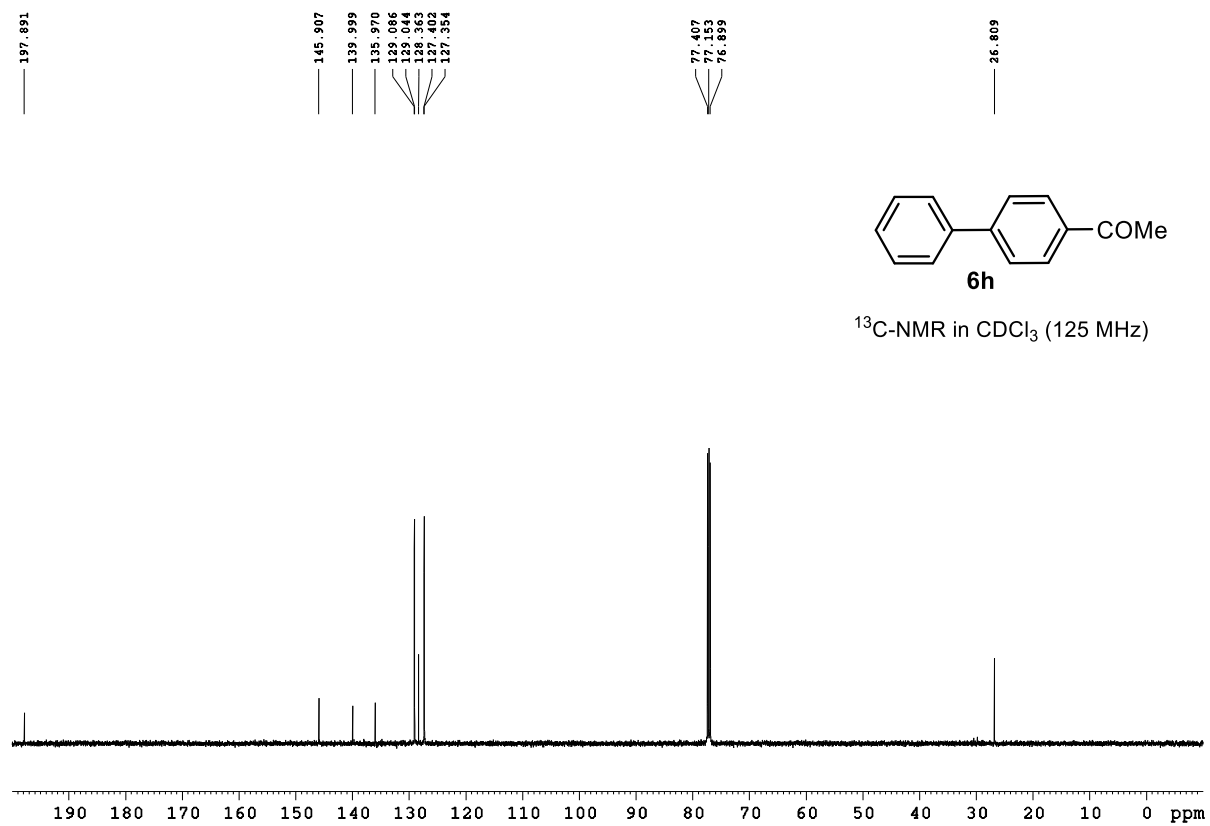
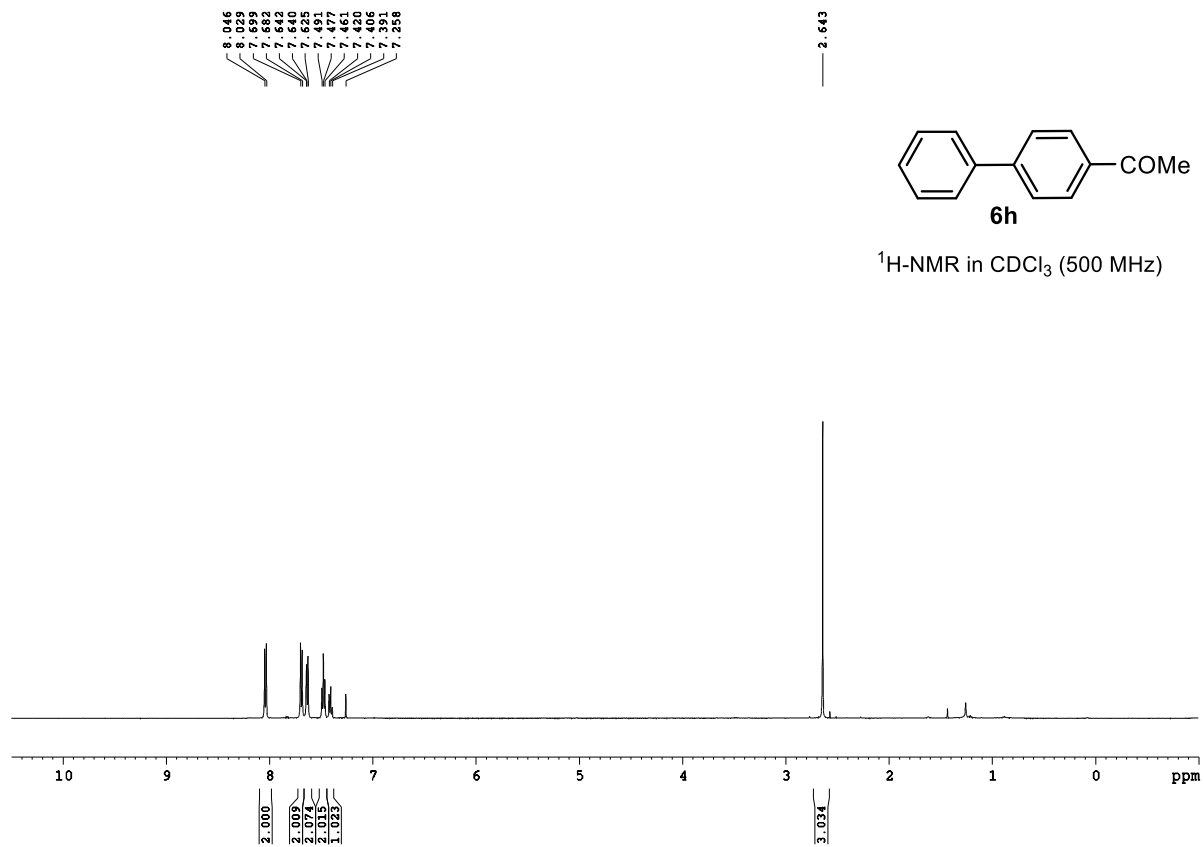


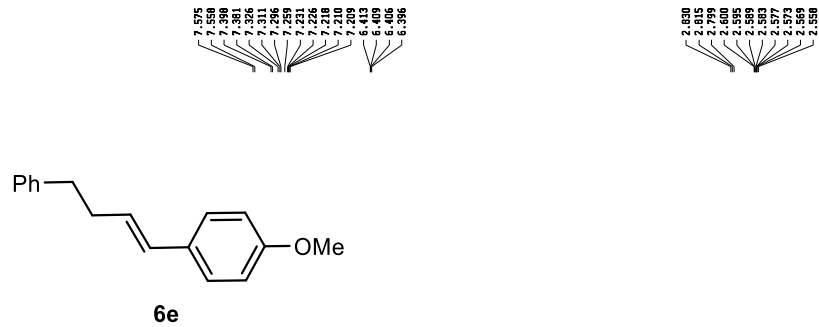
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129.238
128.784
127.860
127.354
119.048
111.075
77.403
77.149
76.895



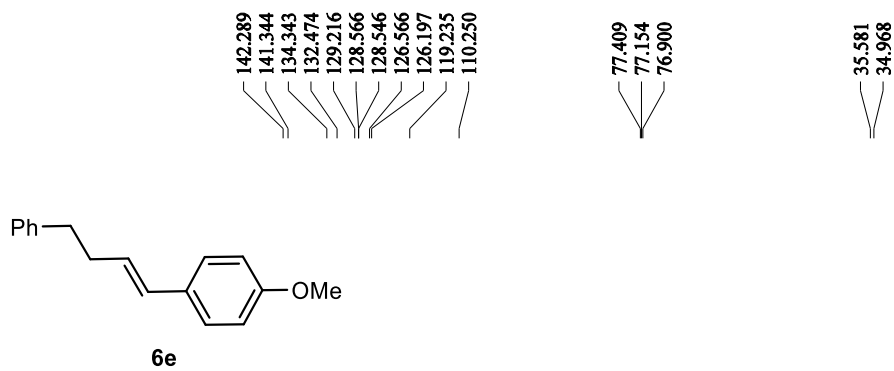
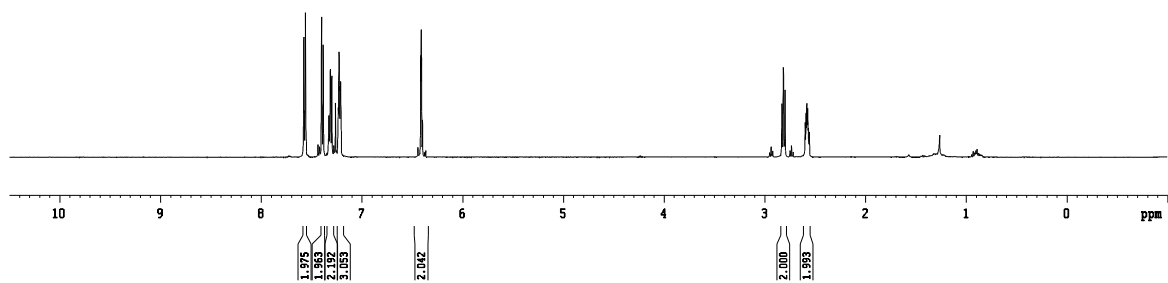
¹³C-NMR in CDCl₃ (125 MHz)







$^1\text{H-NMR}$ in CDCl_3 (500 MHz)



$^{13}\text{C-NMR}$ in CDCl_3 (125 MHz)

