

Supporting Information
for
Iridium-catalyzed intramolecular [4 + 2] cycloadditions of
alkynyl halides

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Copies of ¹H and ¹³C NMR spectra for new compounds **1c**, **1e**, **1g**, and cycloadducts
2a–g

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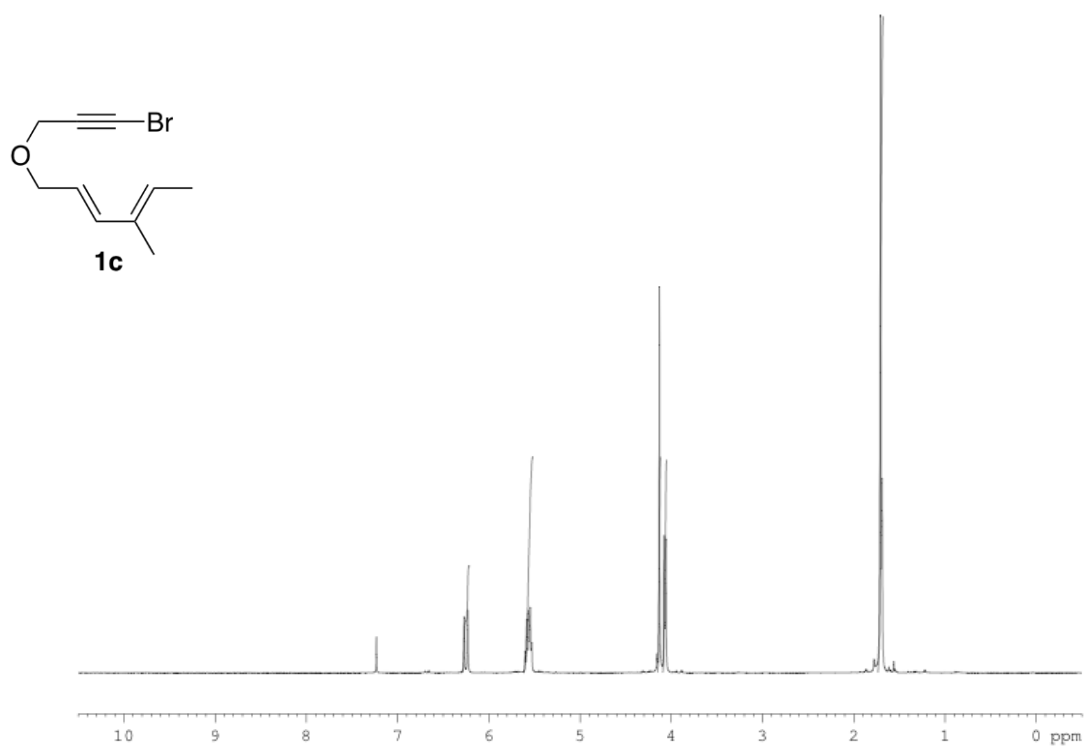


Figure 1: 400 MHz ^1H NMR spectrum in CDCl_3 .

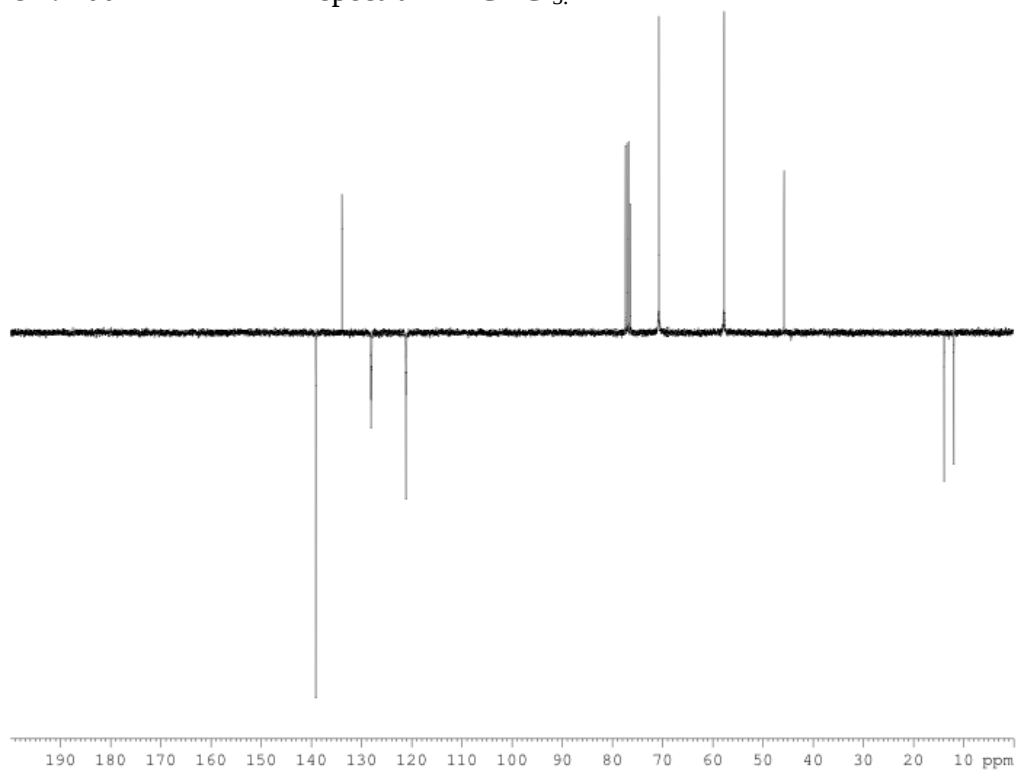


Figure 2: 100 MHz ^{13}C NMR spectrum in CDCl_3 .

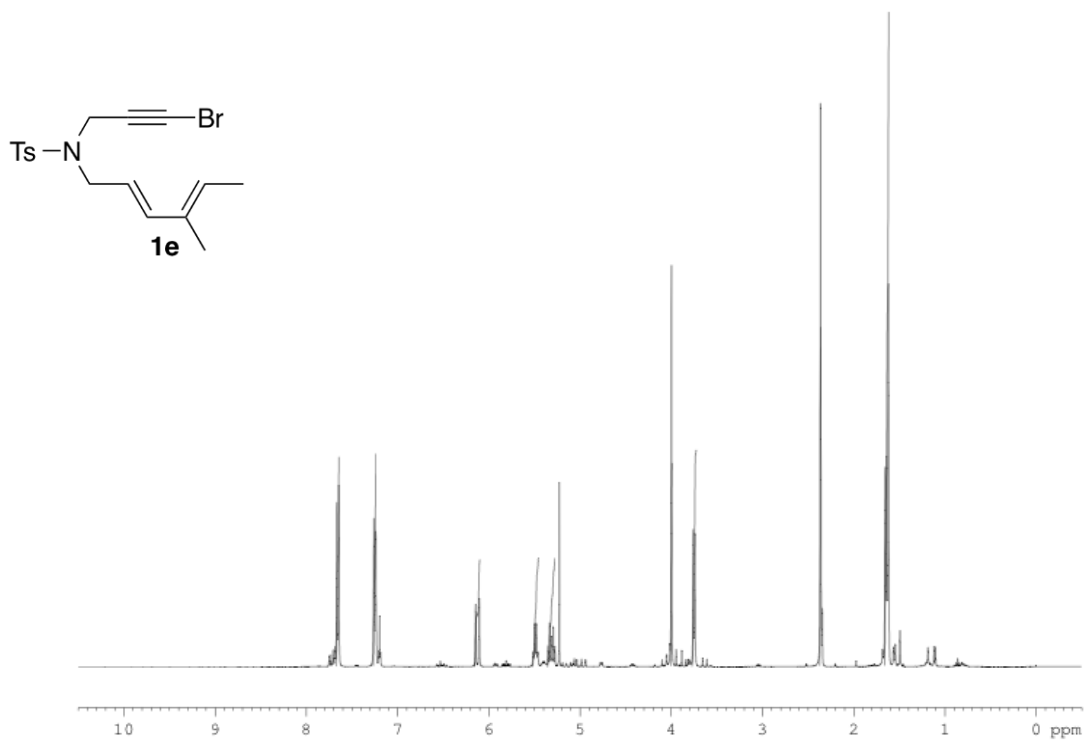


Figure 3: 400 MHz ^1H NMR spectrum in CDCl_3 .

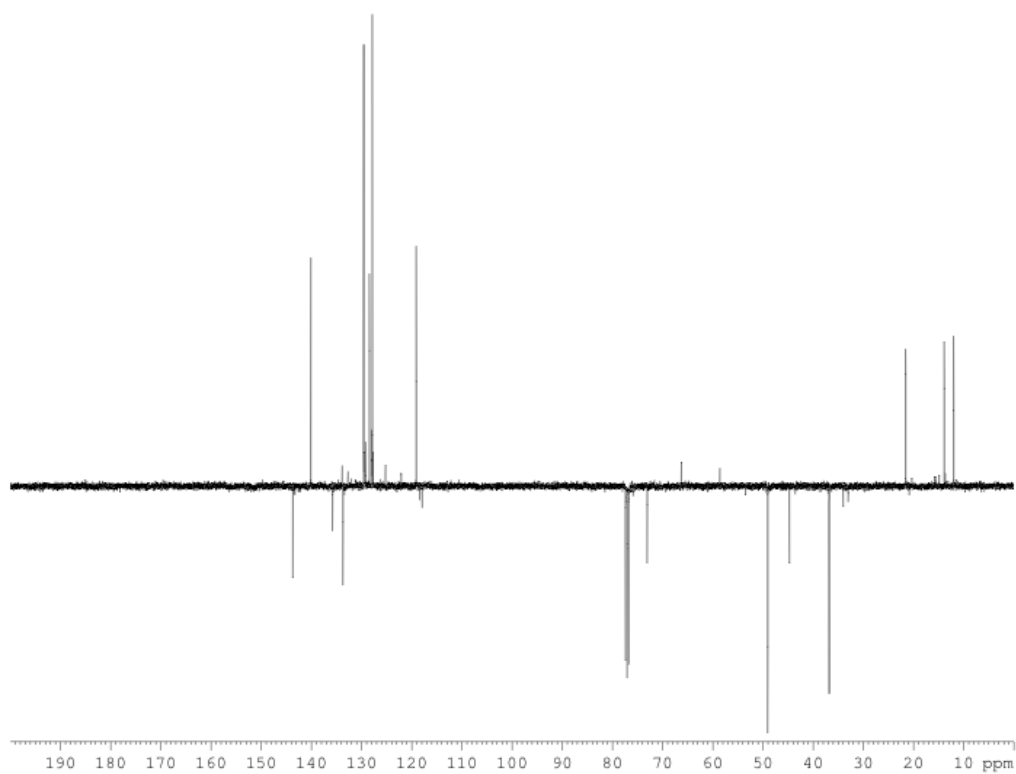


Figure 4: 100 MHz ^{13}C NMR spectrum in CDCl_3 .

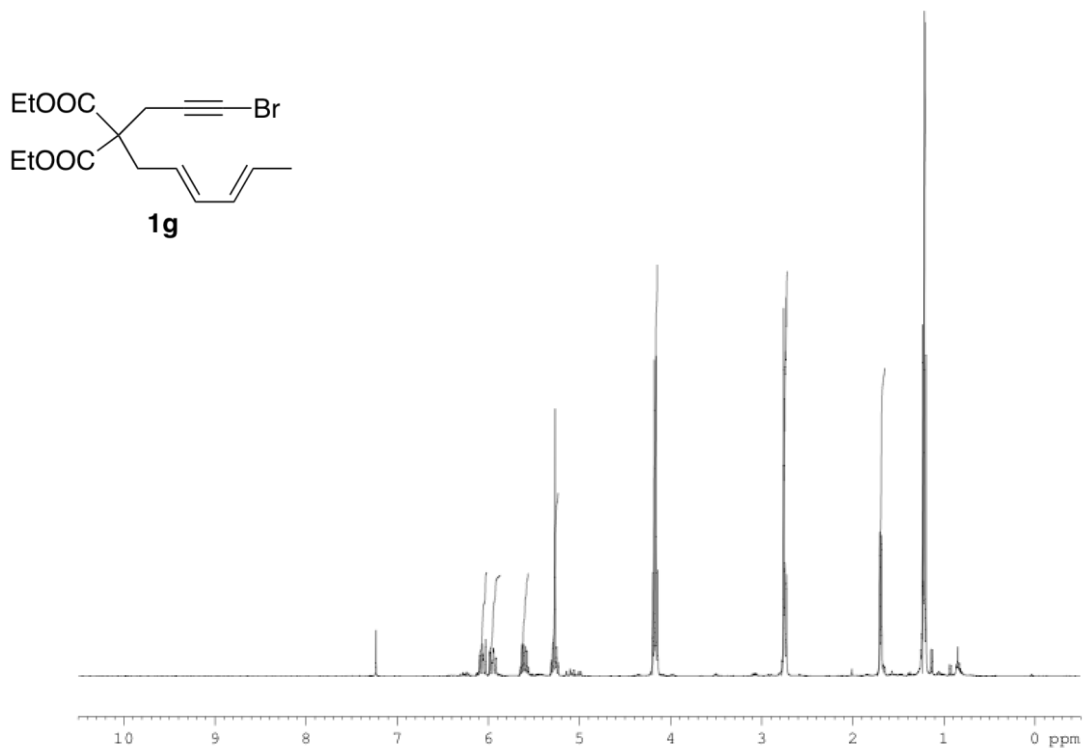


Figure 5: 400 MHz ^1H NMR spectrum in CDCl_3 .

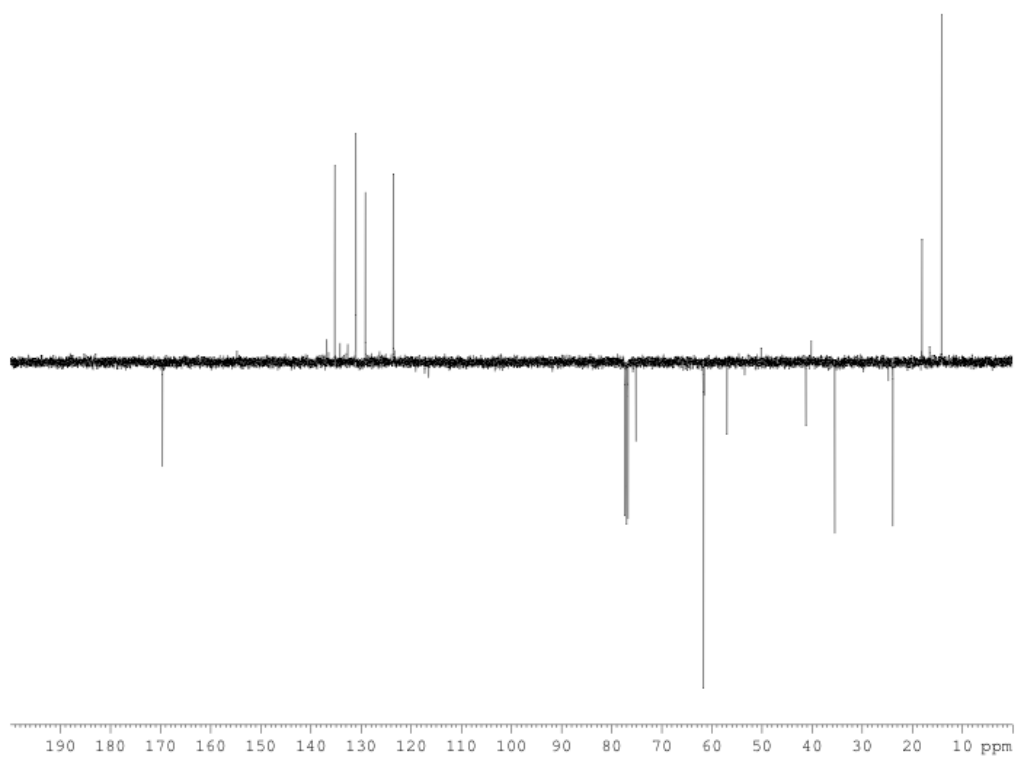


Figure 6: 100 MHz ^{13}C NMR spectrum in CDCl_3 .

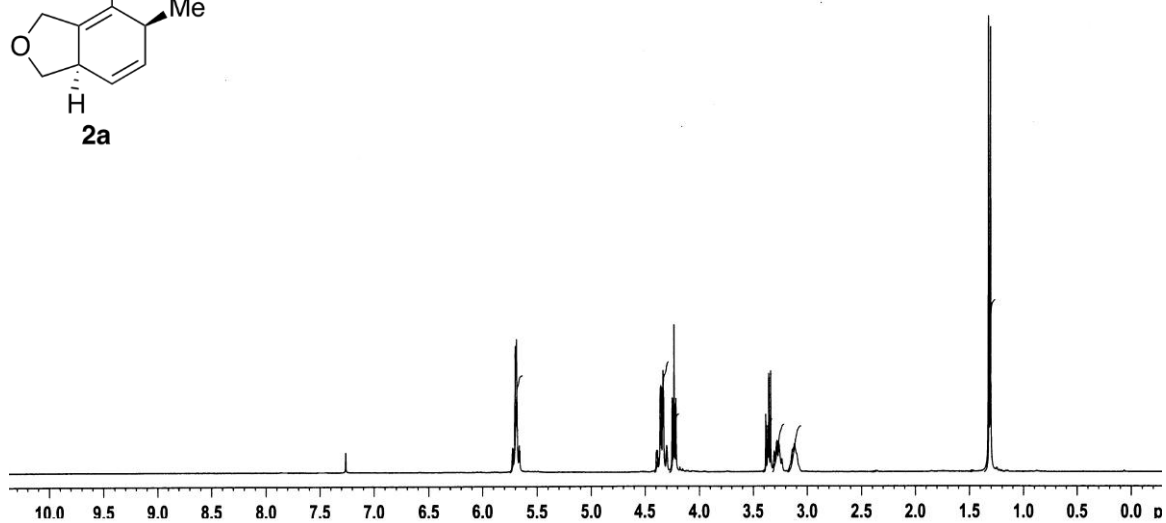
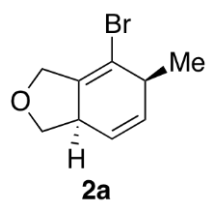


Figure 7: 400 MHz ^1H NMR spectrum in CDCl_3 .

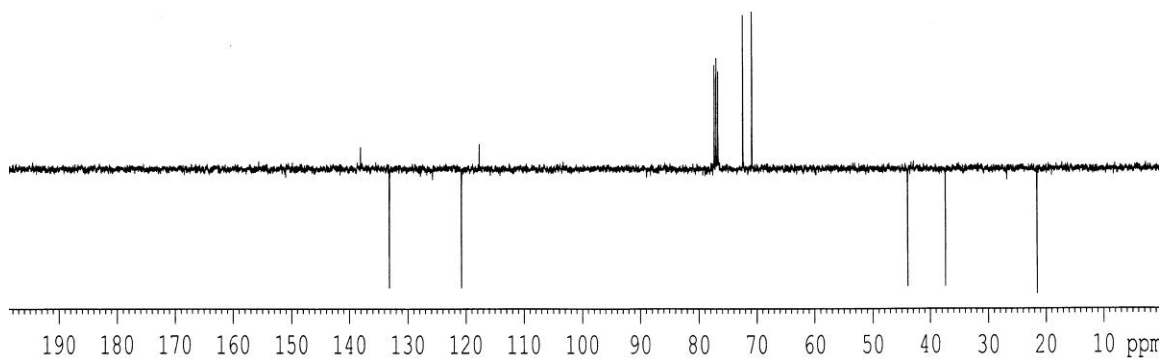


Figure 8: 100 MHz ^{13}C NMR spectrum in CDCl_3 .

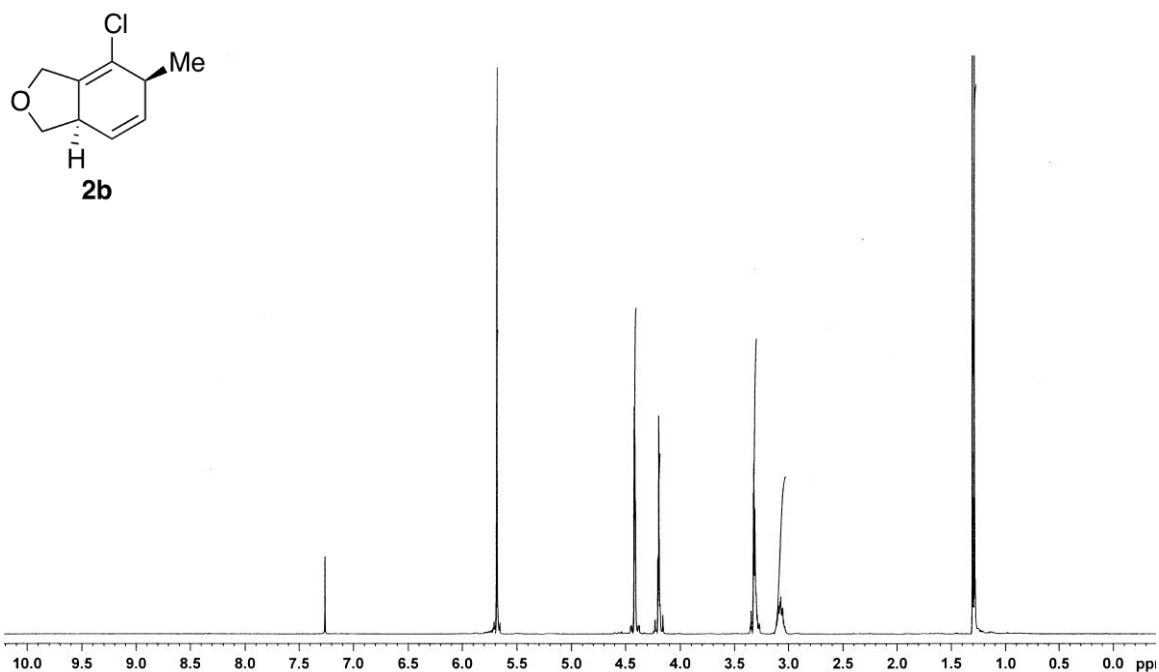


Figure 9: 400 MHz ¹H NMR spectrum in CDCl₃.

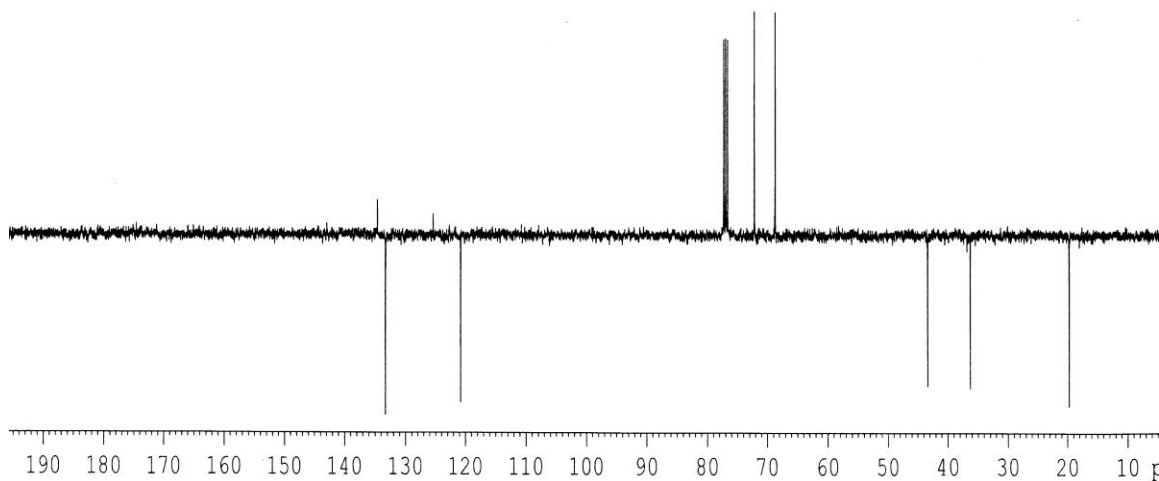


Figure 10: 100 MHz ¹³C NMR spectrum in CDCl₃.

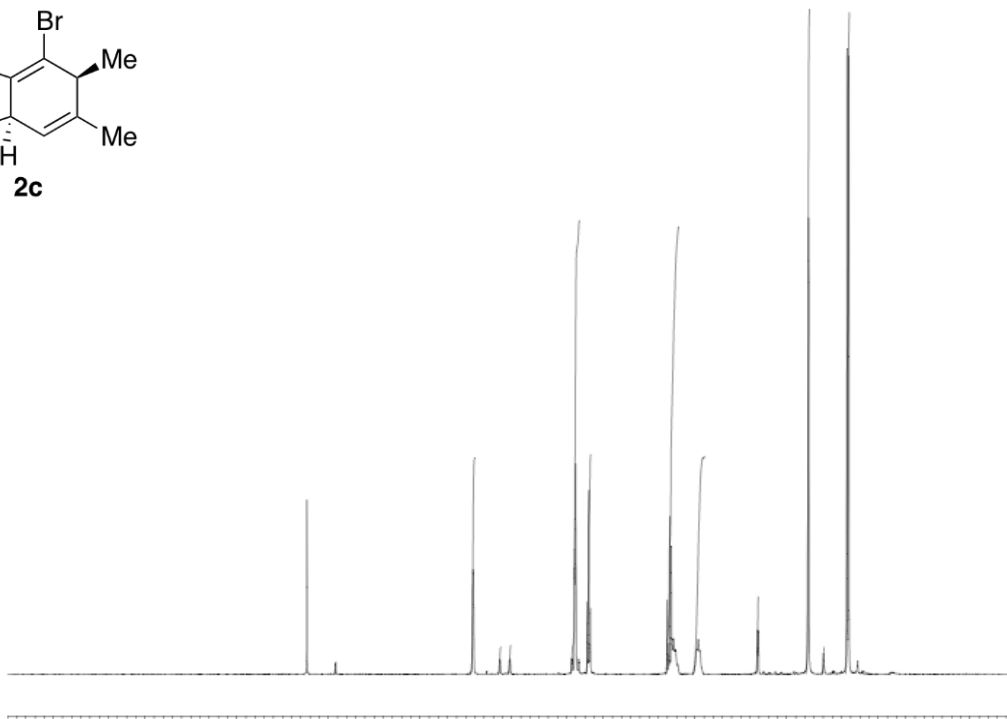
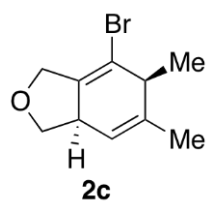


Figure 11: 400 MHz ^1H NMR spectrum in CDCl_3 .

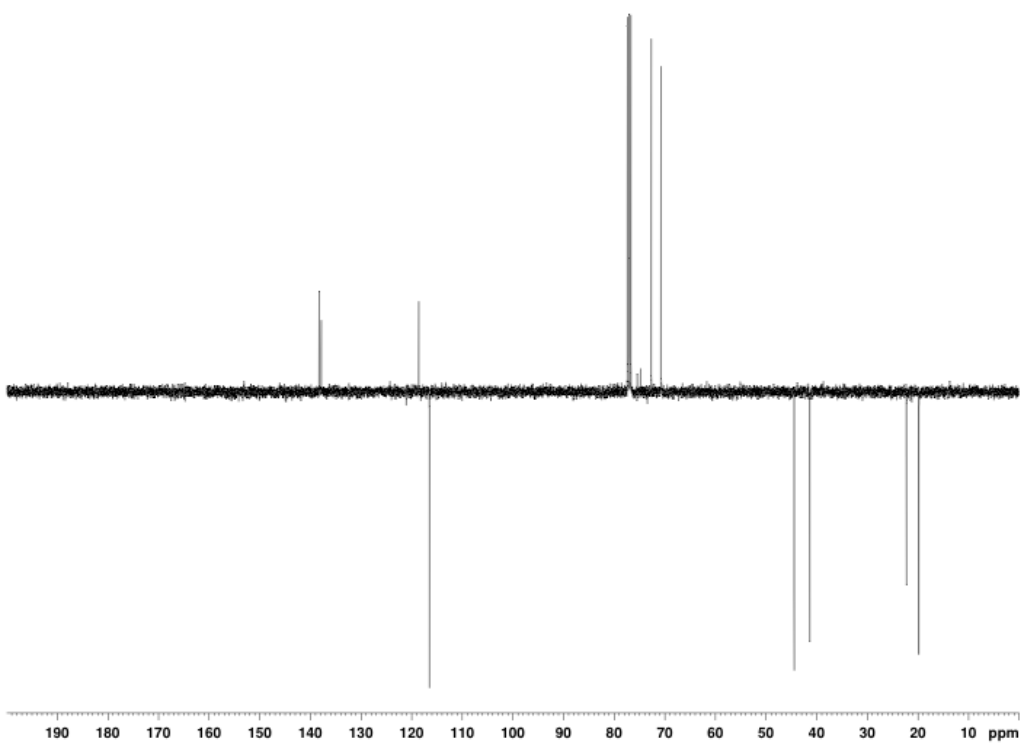


Figure 12: 100 MHz ^{13}C NMR spectrum in CDCl_3 .

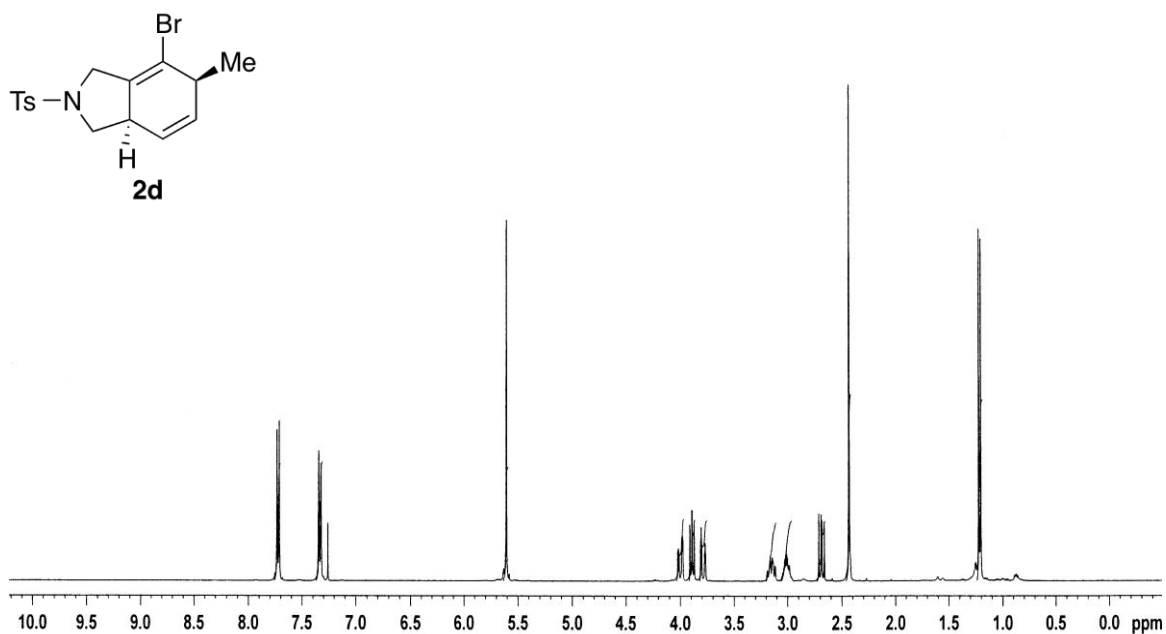


Figure 13: 400 MHz ¹H NMR spectrum in CDCl₃.

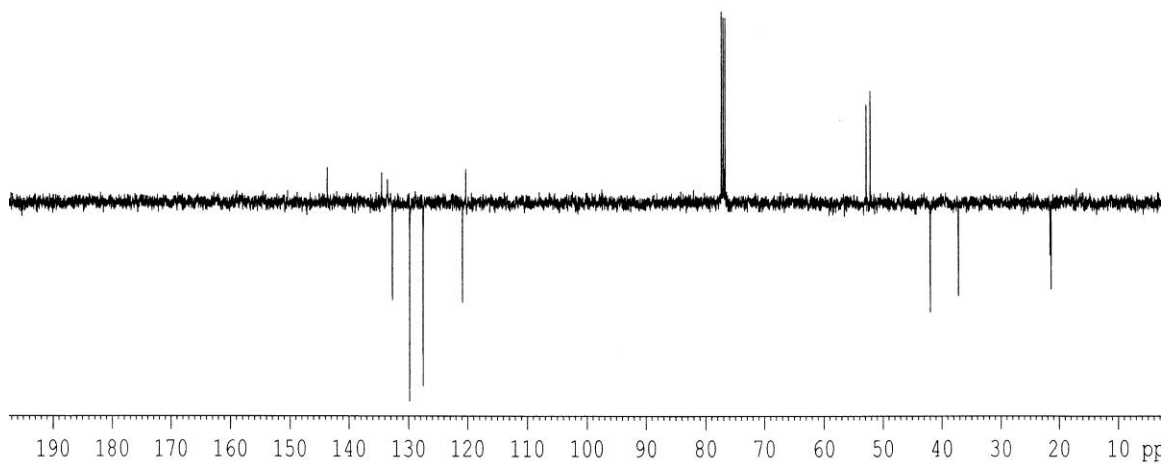


Figure 14: 100 MHz ¹³C NMR spectrum in CDCl₃.

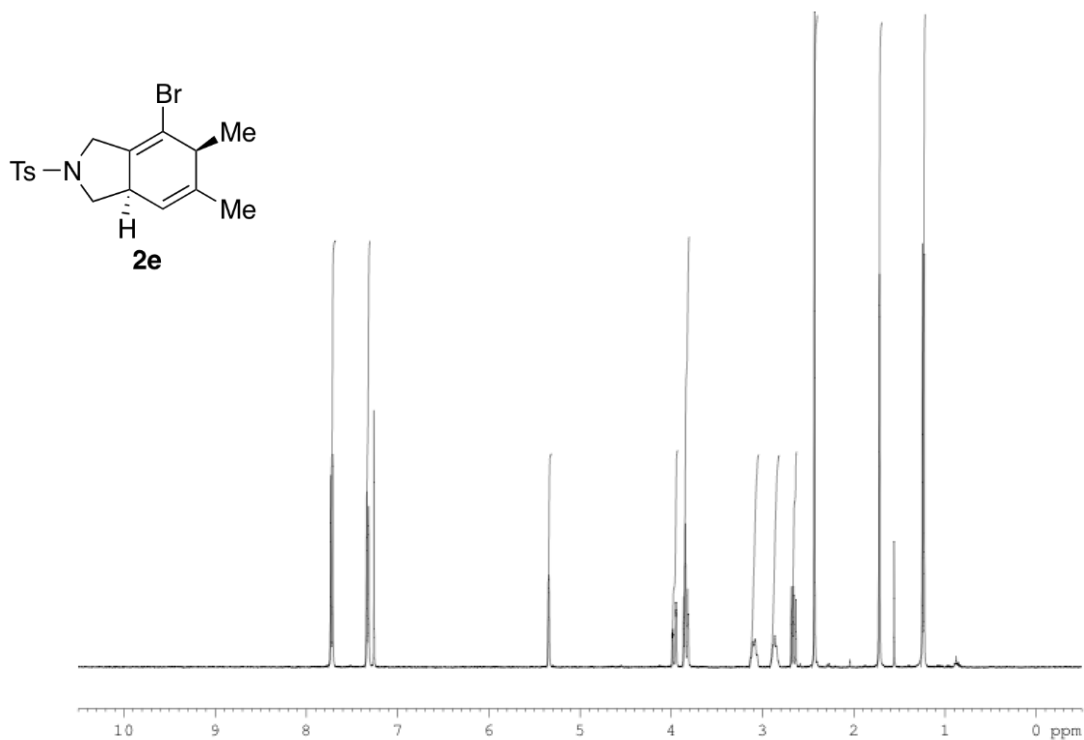


Figure 15: 400 MHz ¹H NMR spectrum in CDCl₃.

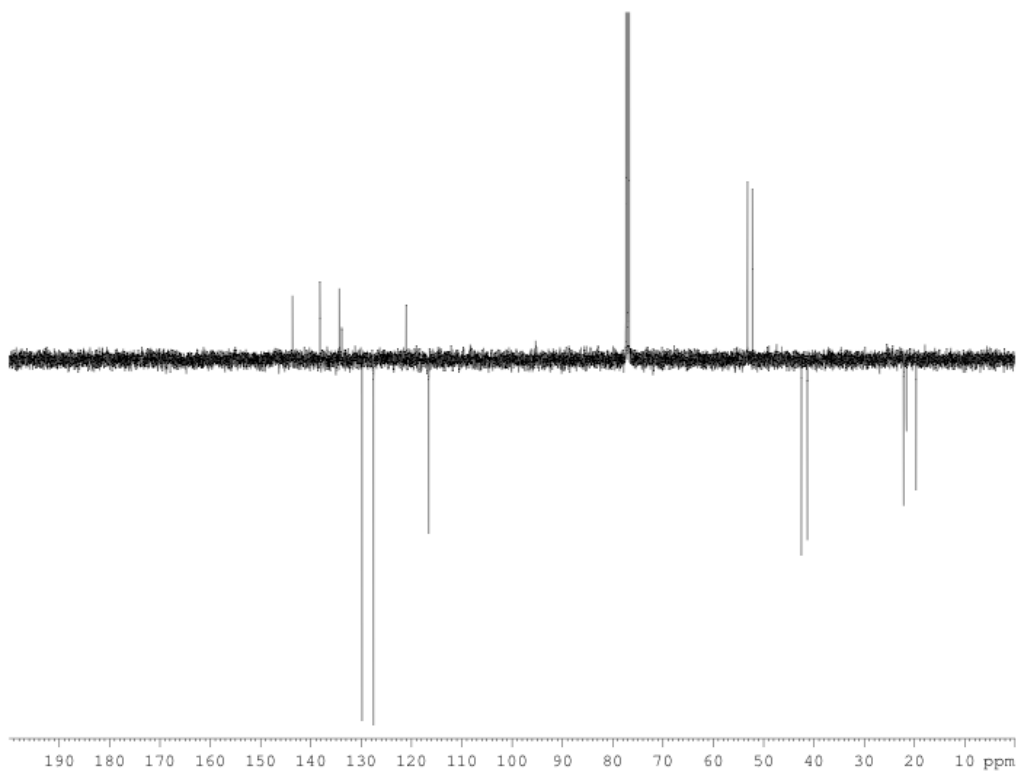


Figure 16: 100 MHz ¹³C NMR spectrum in CDCl₃.

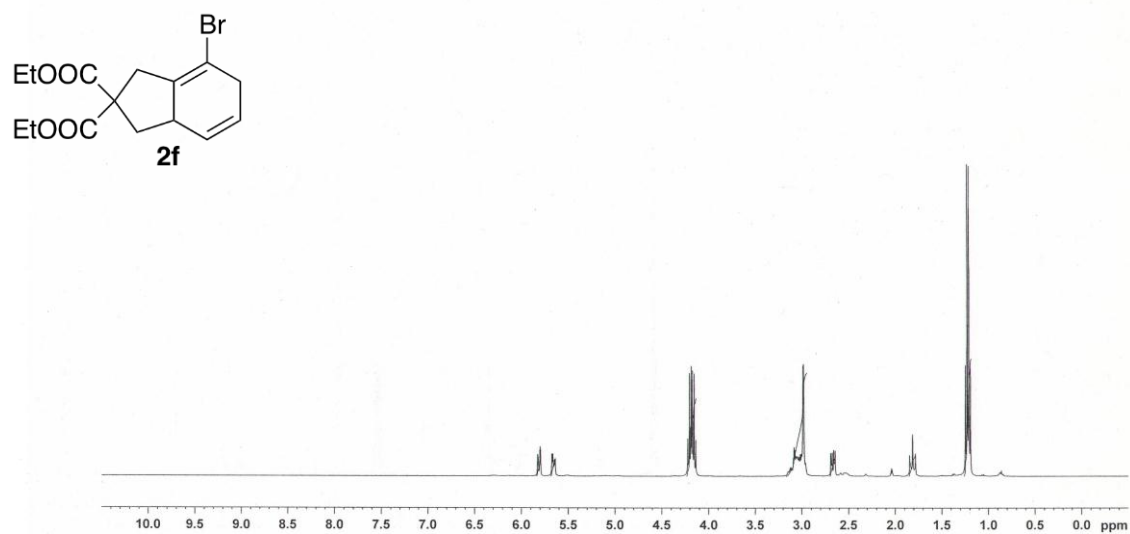


Figure 17: 400 MHz ^1H NMR spectrum in CDCl_3 .

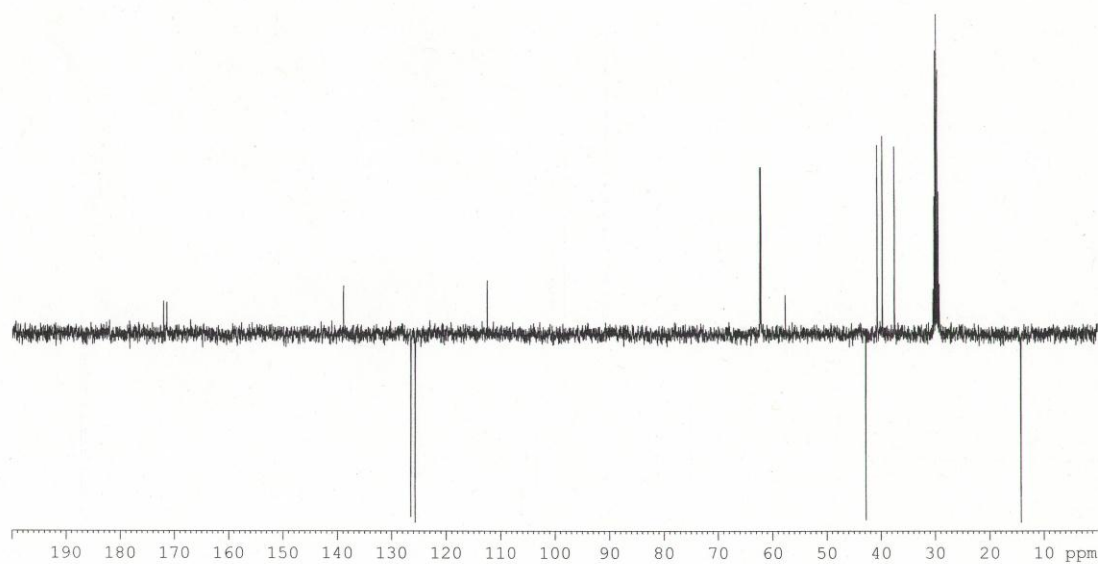


Figure 18: 100 MHz ^{13}C NMR spectrum in CDCl_3 .

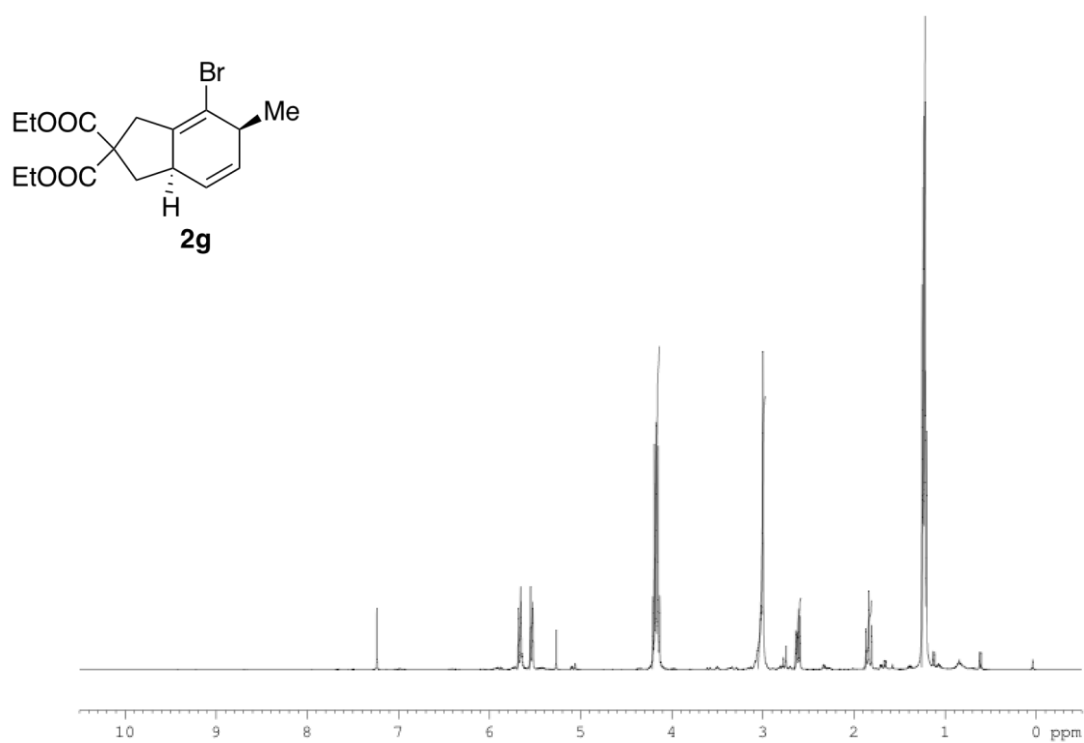


Figure 19: 400 MHz ¹H NMR spectrum in CDCl₃.

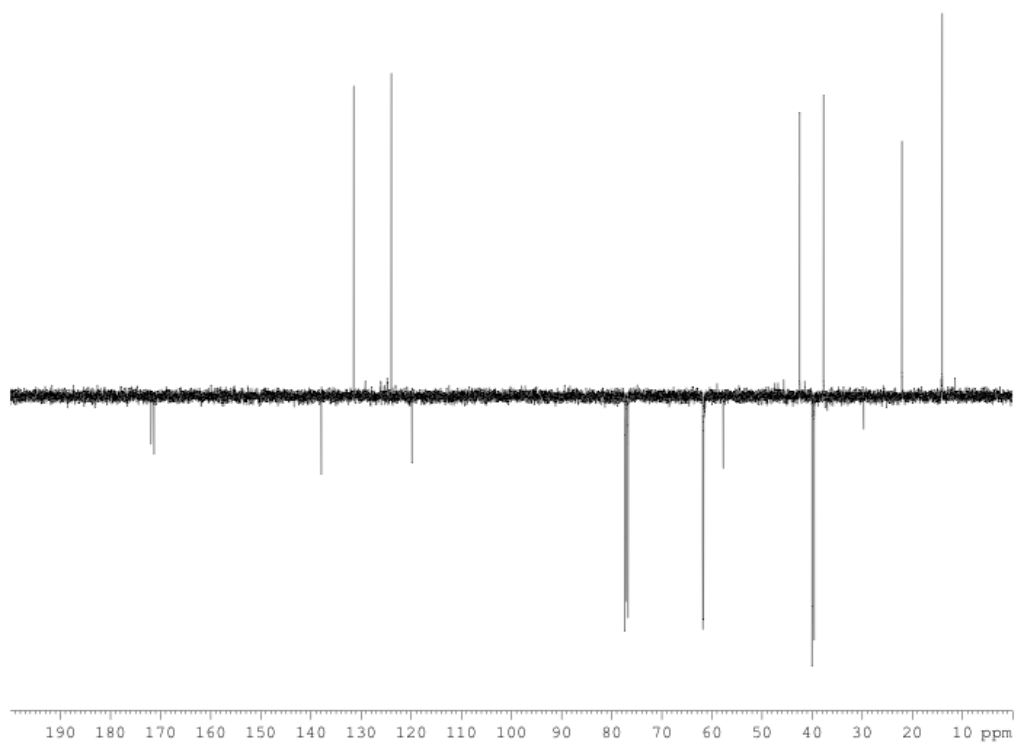


Figure 20: 100 MHz ¹³C NMR spectrum in CDCl₃.