

Appendix Two

^{13}C NMR Spectra for Chapter Three

2 ^{13}C NMR spectra for Chapter 3

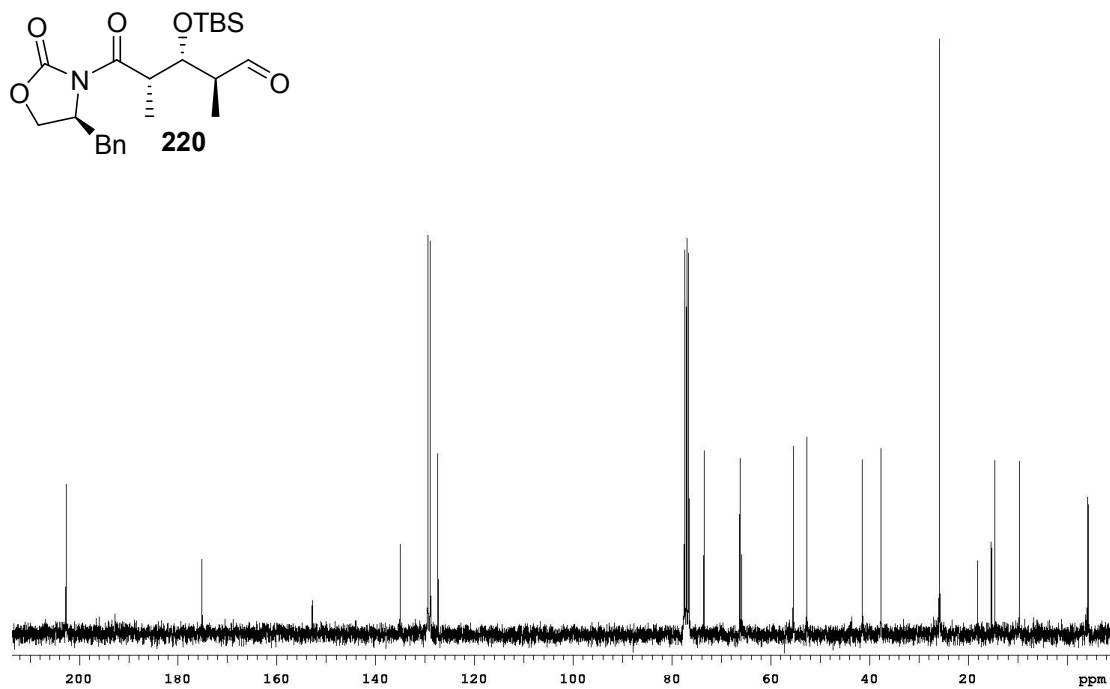


Figure 2.1. ^{13}C NMR spectrum of aldehyde **220** in CDCl_3 at 75.5 MHz.

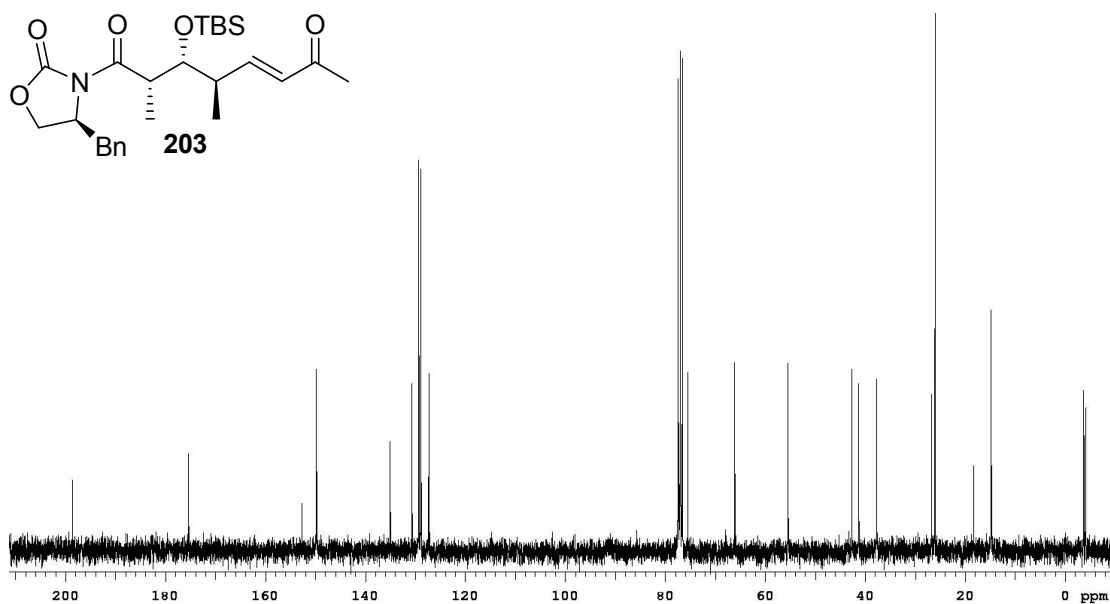


Figure 2.2. ^{13}C NMR spectrum of trans enone **203** in CDCl_3 at 75.5 MHz.

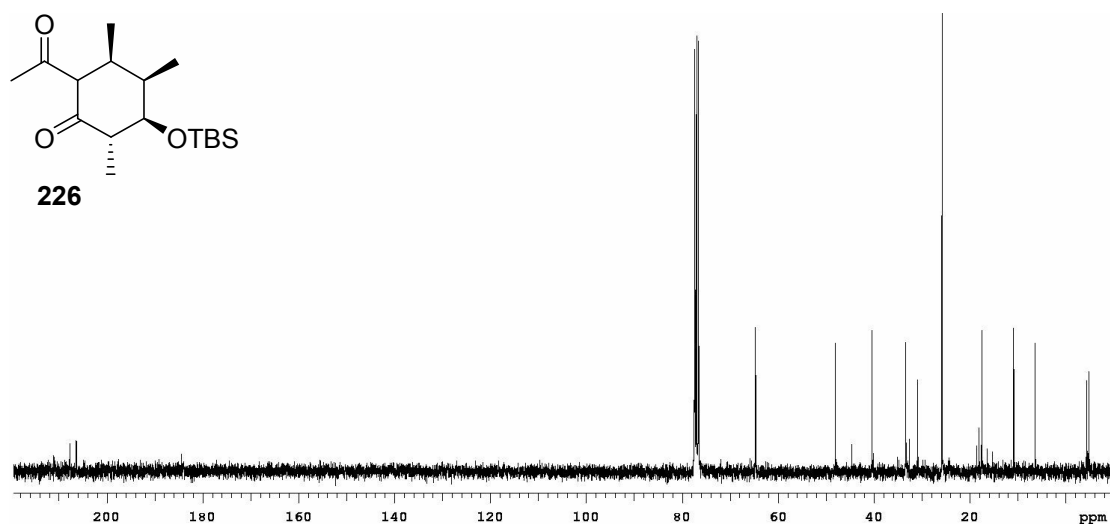


Figure 2.3. ^{13}C NMR spectrum of cyclohexanone **226** in CDCl_3 at 75.5 MHz.

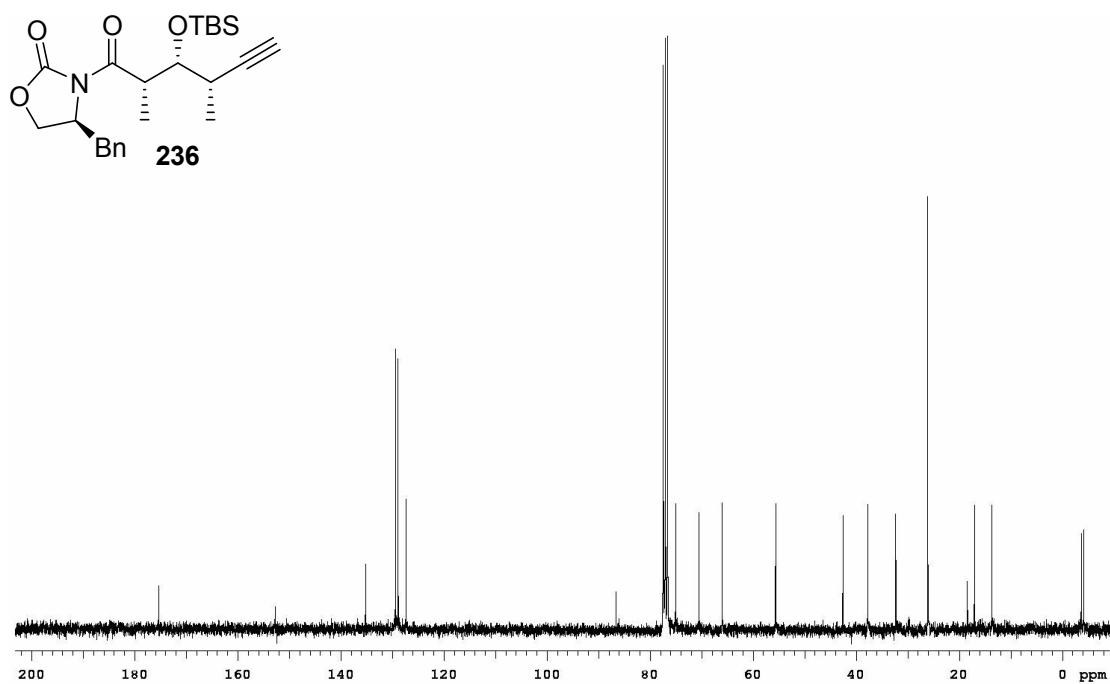


Figure 2.4. ^{13}C NMR spectrum of alkyne **236** in CDCl_3 at 75.5 MHz.

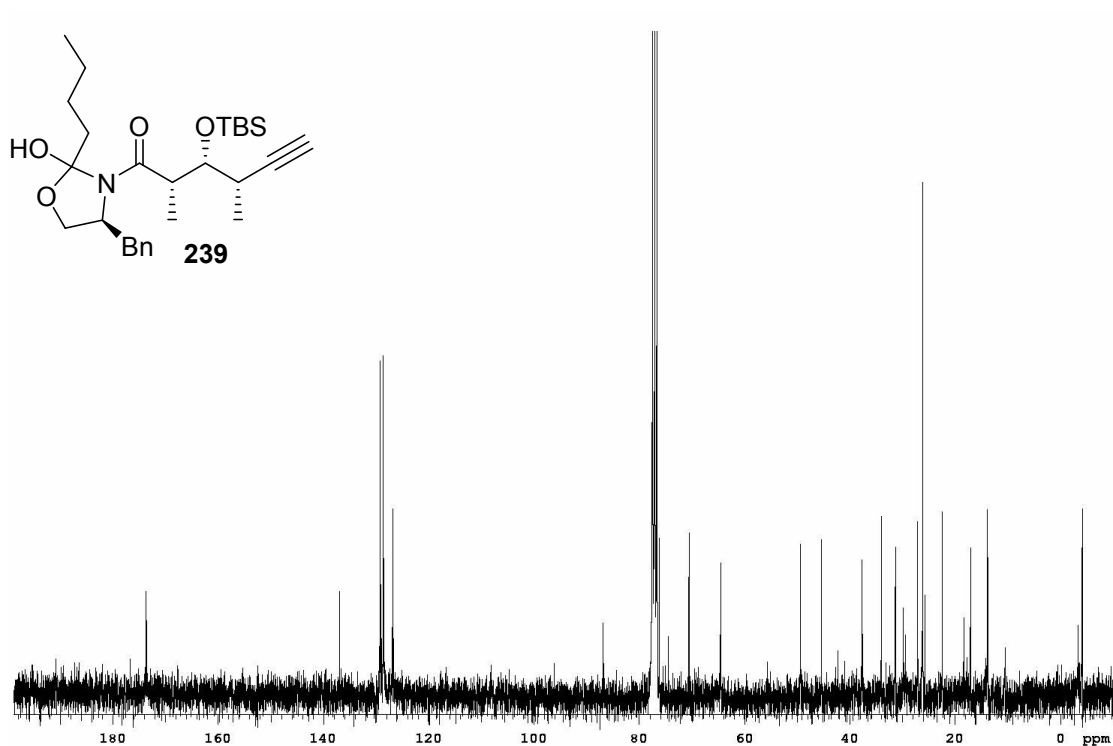


Figure 2.5. ^{13}C NMR spectrum of addition product **239** in CDCl_3 at 75.5 MHz.

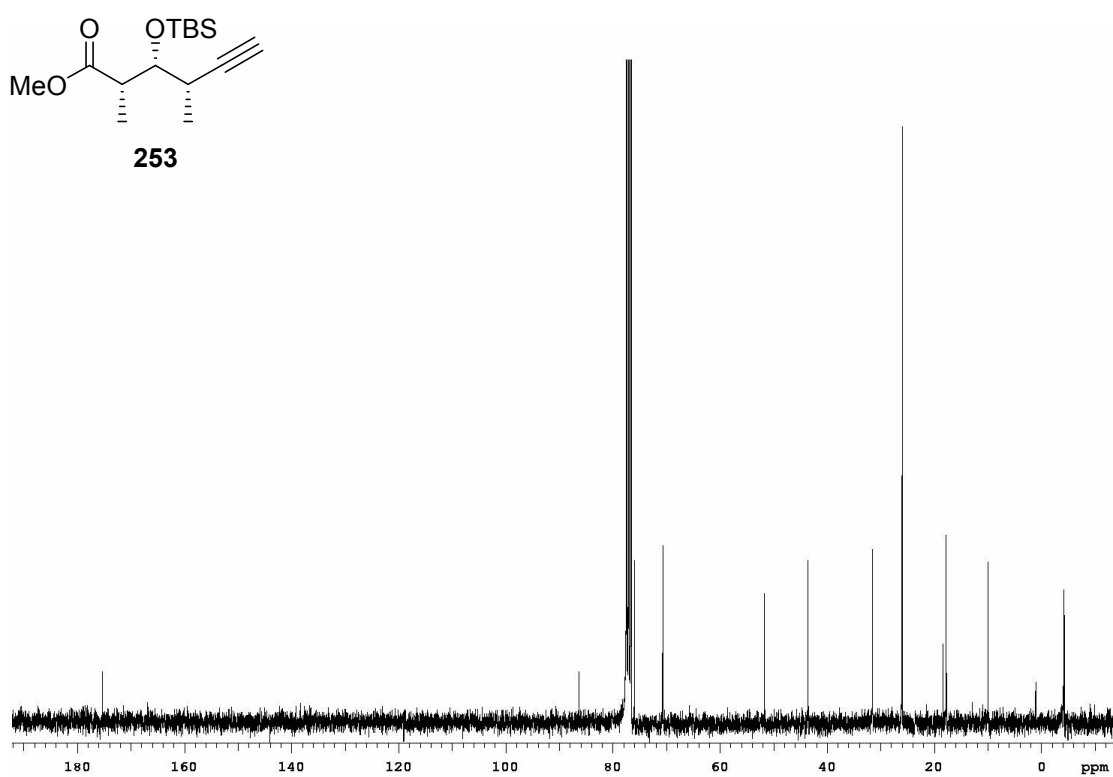


Figure 2.6. ^{13}C NMR spectrum of ester **253** in CDCl_3 at 75.5 MHz.

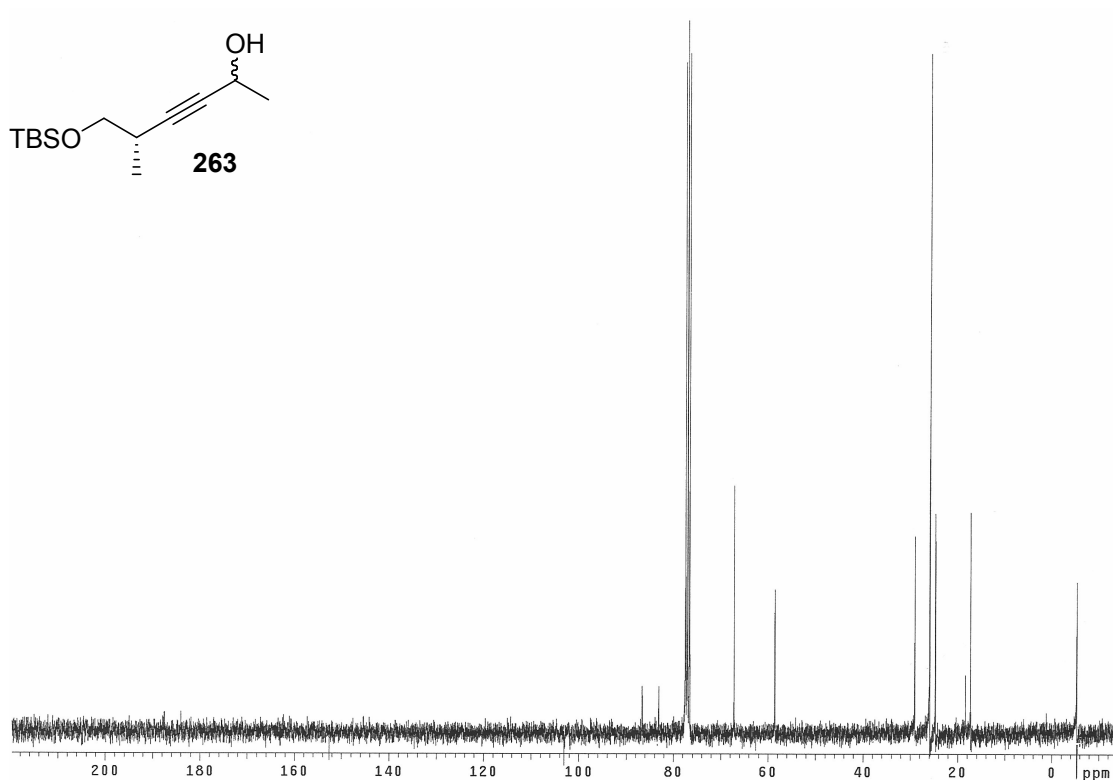


Figure 2.7. ^{13}C NMR spectrum of propargylic alcohol **263** in CDCl_3 at 75.5 MHz.

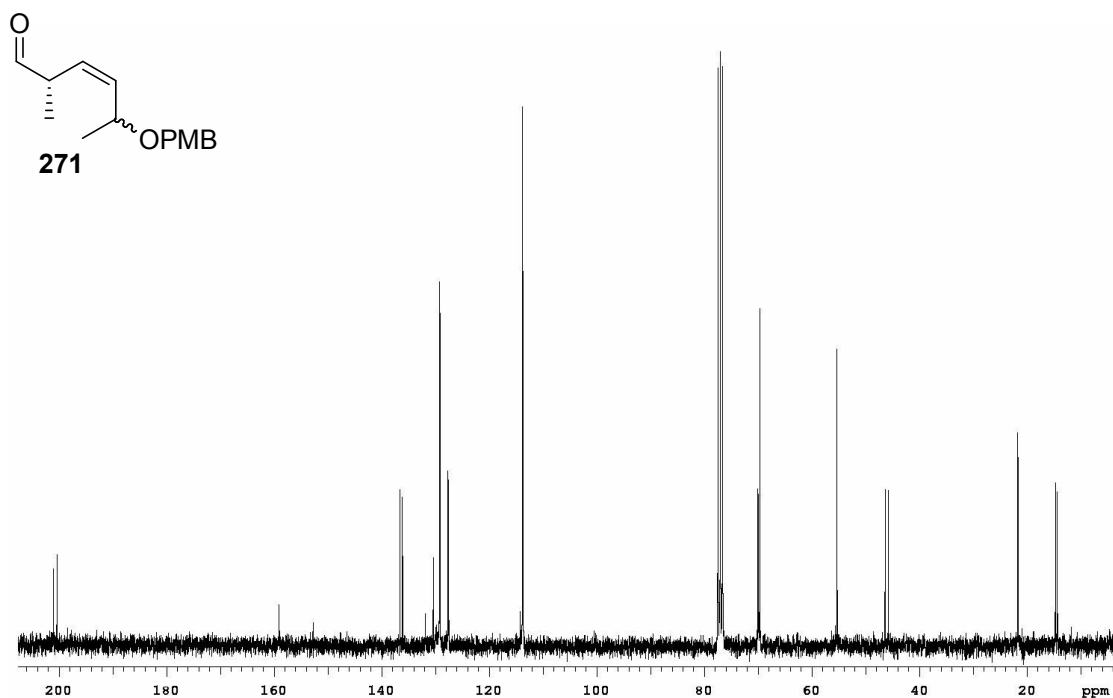


Figure 2.8. ^{13}C NMR spectrum of aldehyde **271** in CDCl_3 at 75.5 MHz.

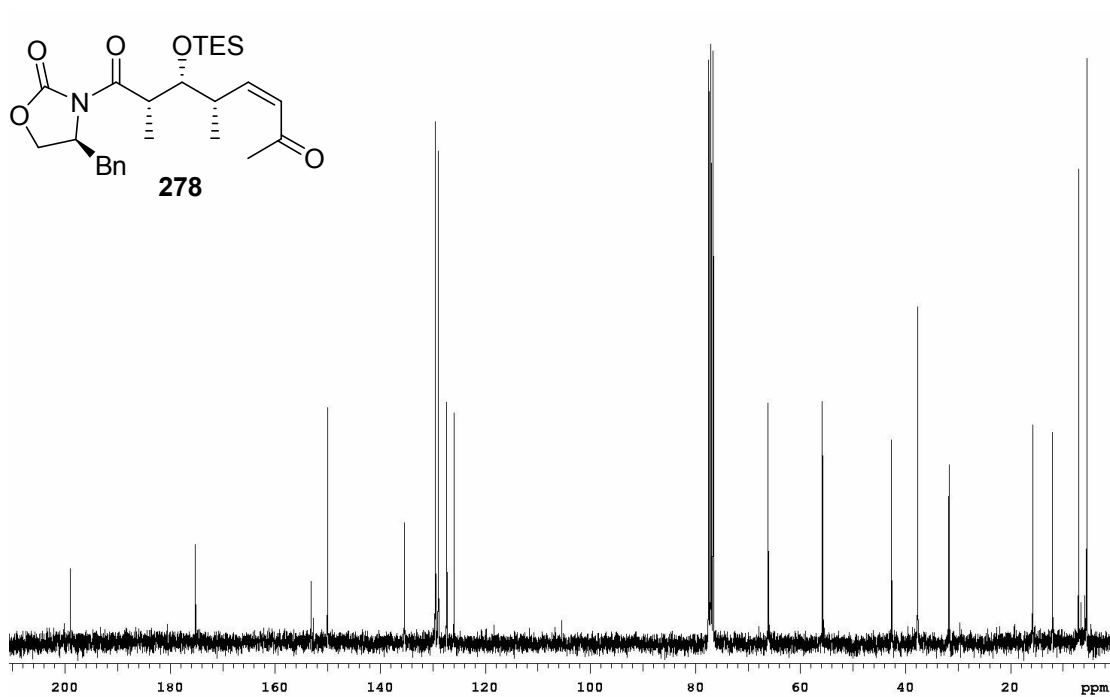


Figure 2.9. ^{13}C NMR spectrum of *cis* enone **278** in CDCl_3 at 75.5 MHz.

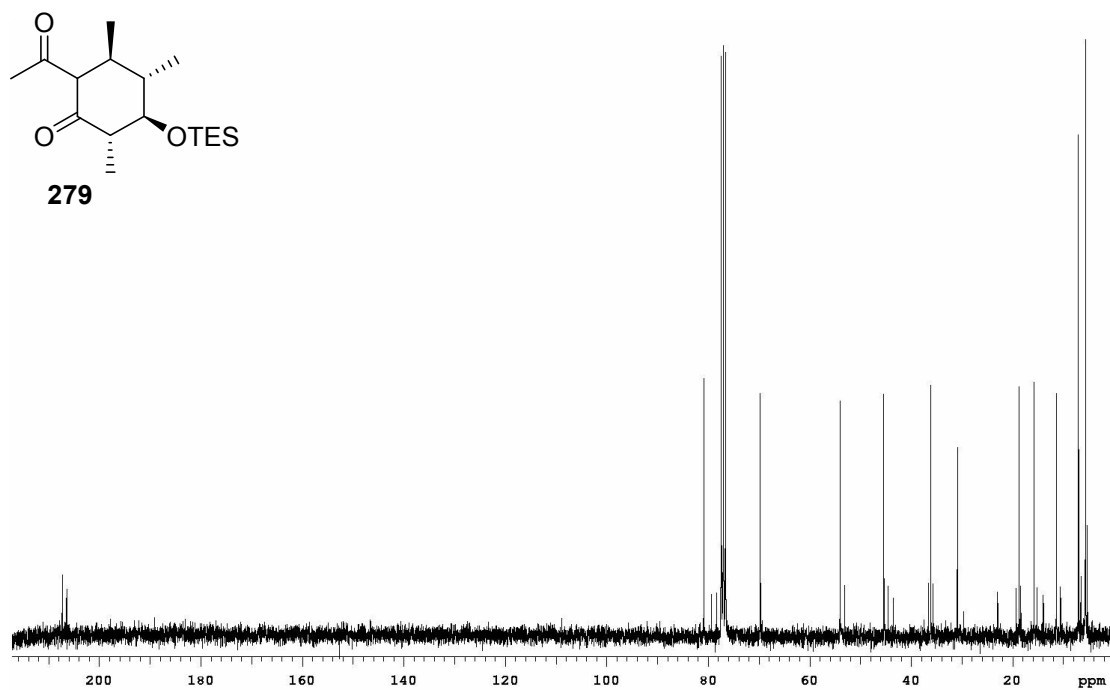


Figure 2.10. ^{13}C NMR spectrum of cyclohexanone **279** in CDCl_3 at 75.5 MHz.

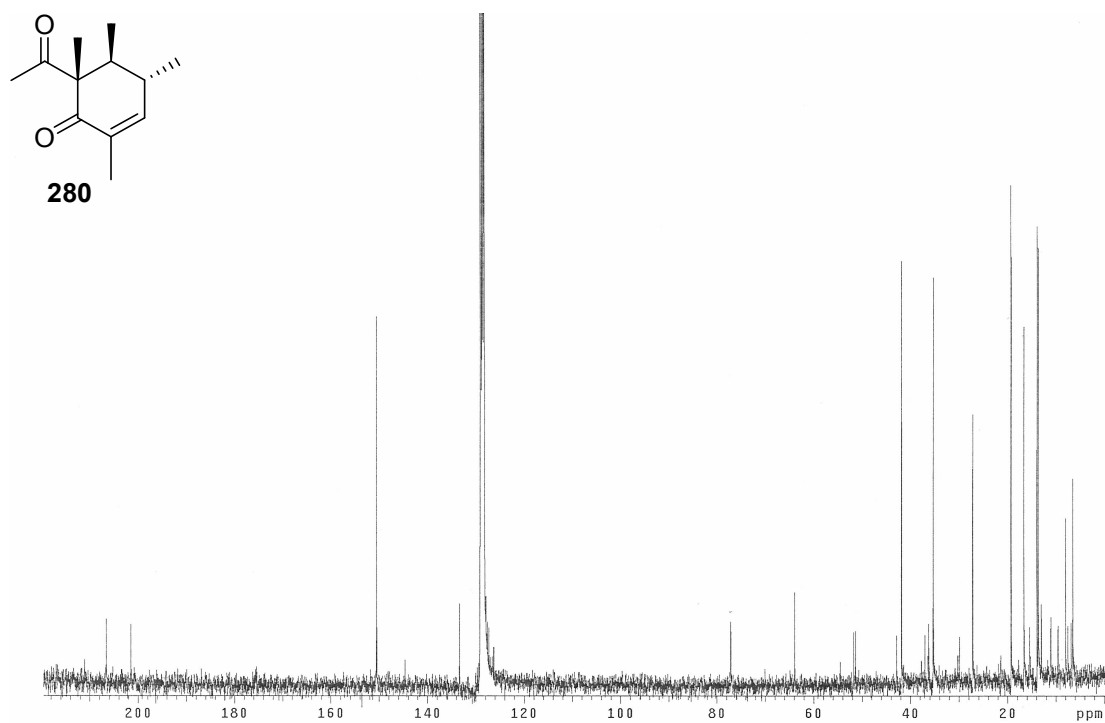


Figure 2.11. ^{13}C NMR spectrum of cyclohexenone **280** in C_6D_6 at 75.5 MHz.