

## Supporting Information

# Fused Ring Aziridines as a Facile Entry into Triazole Fused Tricyclic and Bicyclic Heterocycles

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Figure 1.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **2** ( $\text{CDCl}_3$ )

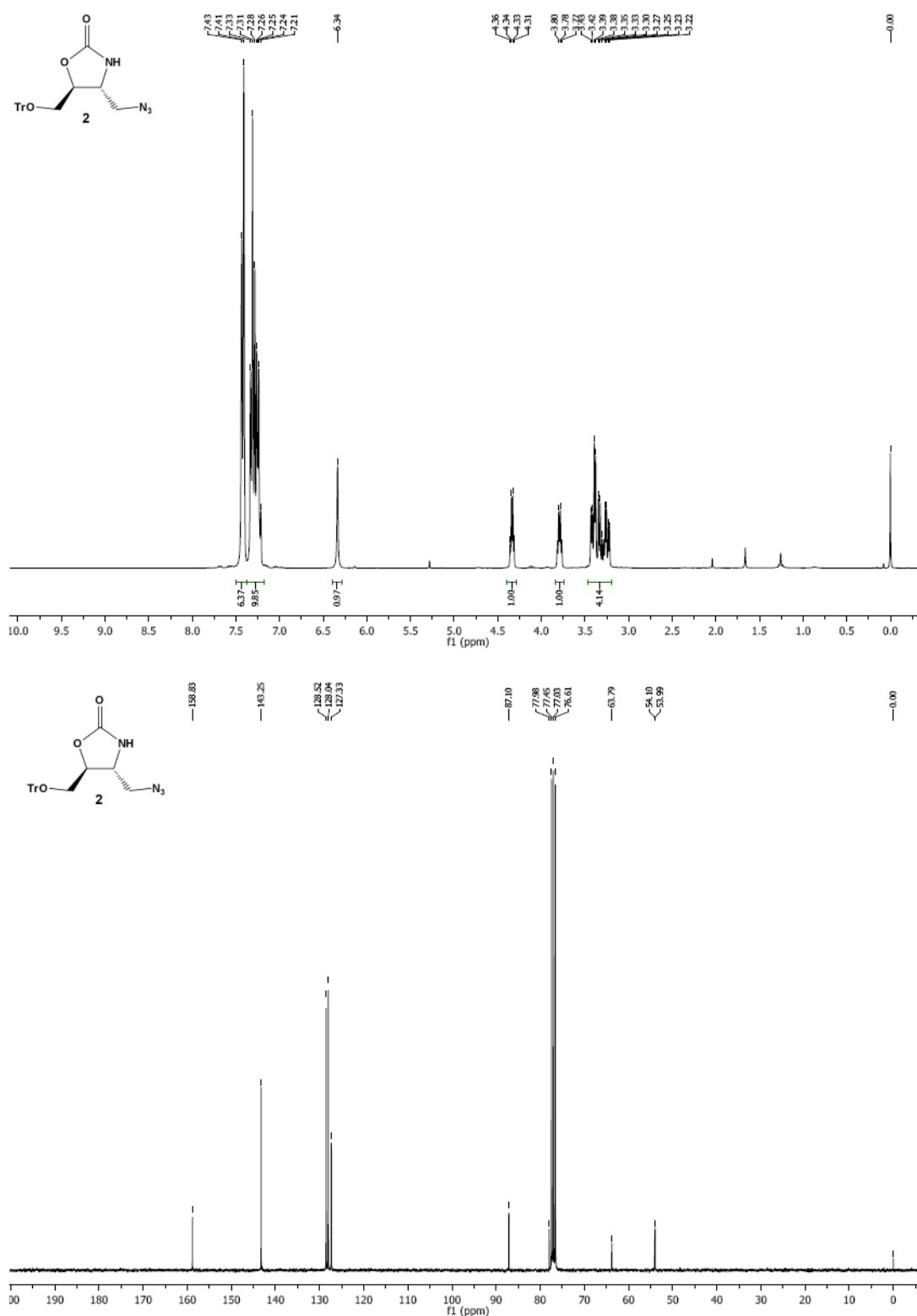


Figure 2.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **5b** ( $\text{CDCl}_3$ )

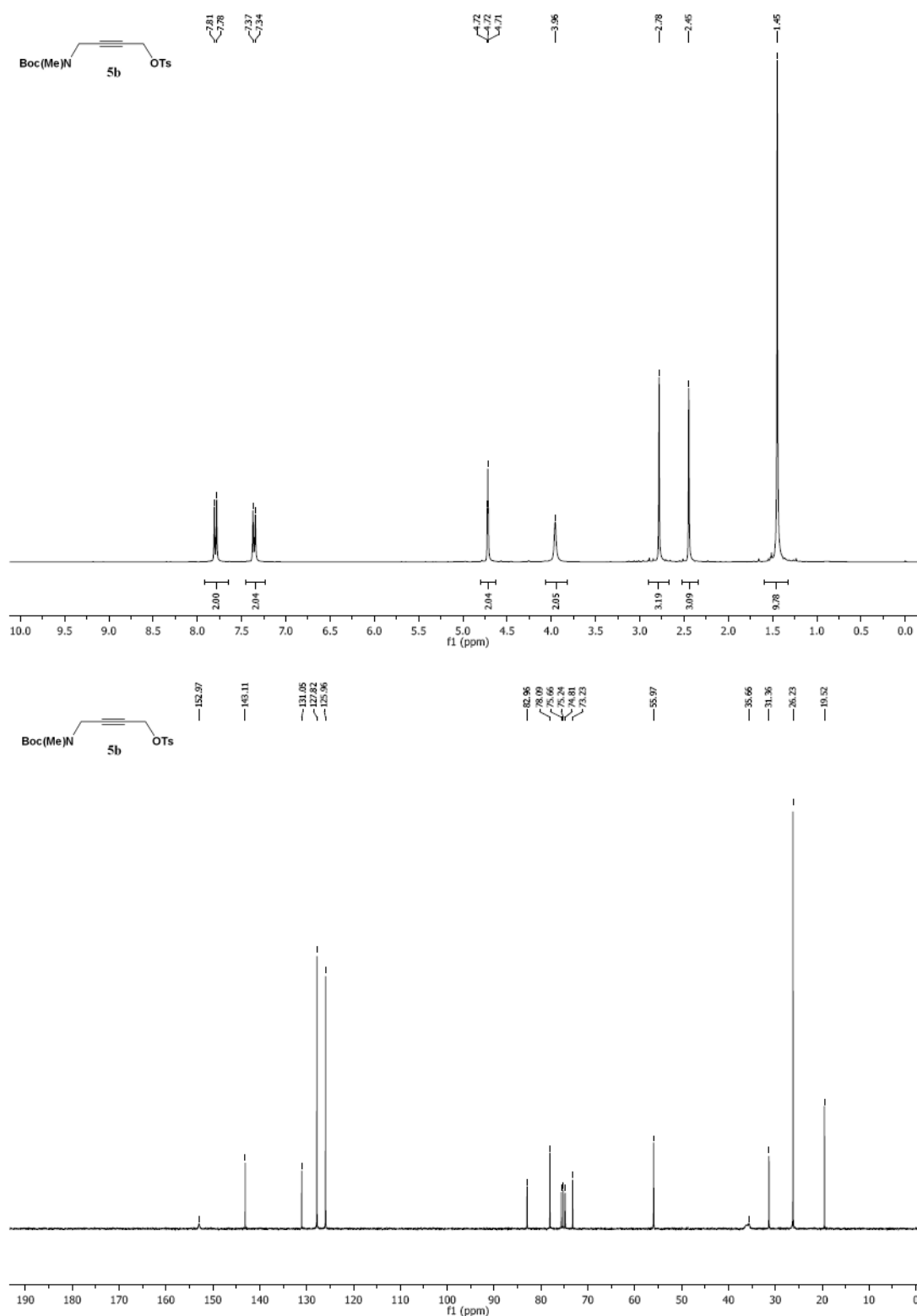


Figure 3.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **5h** ( $\text{CDCl}_3$ )

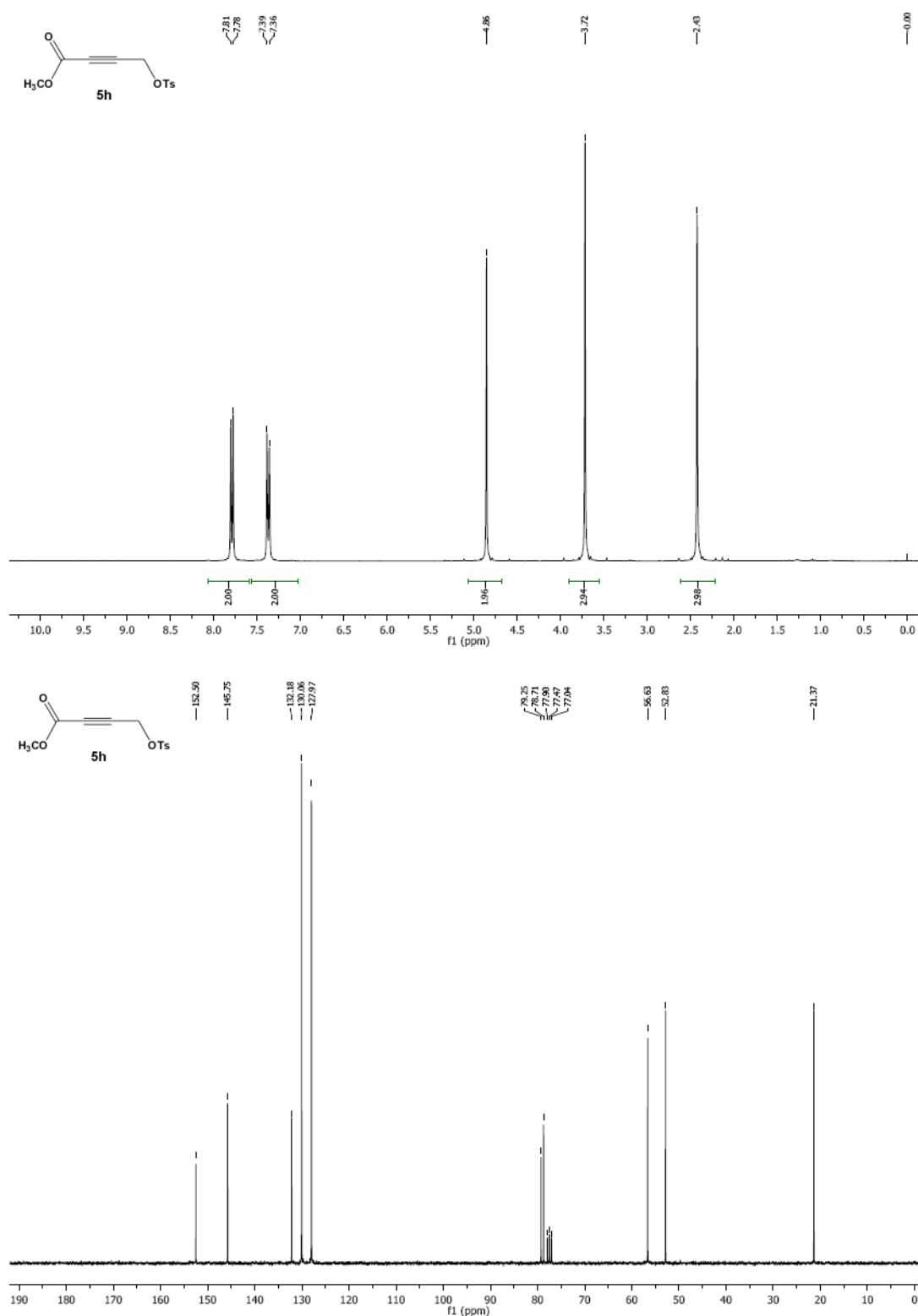


Figure 4.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6a** ( $\text{CDCl}_3$ )

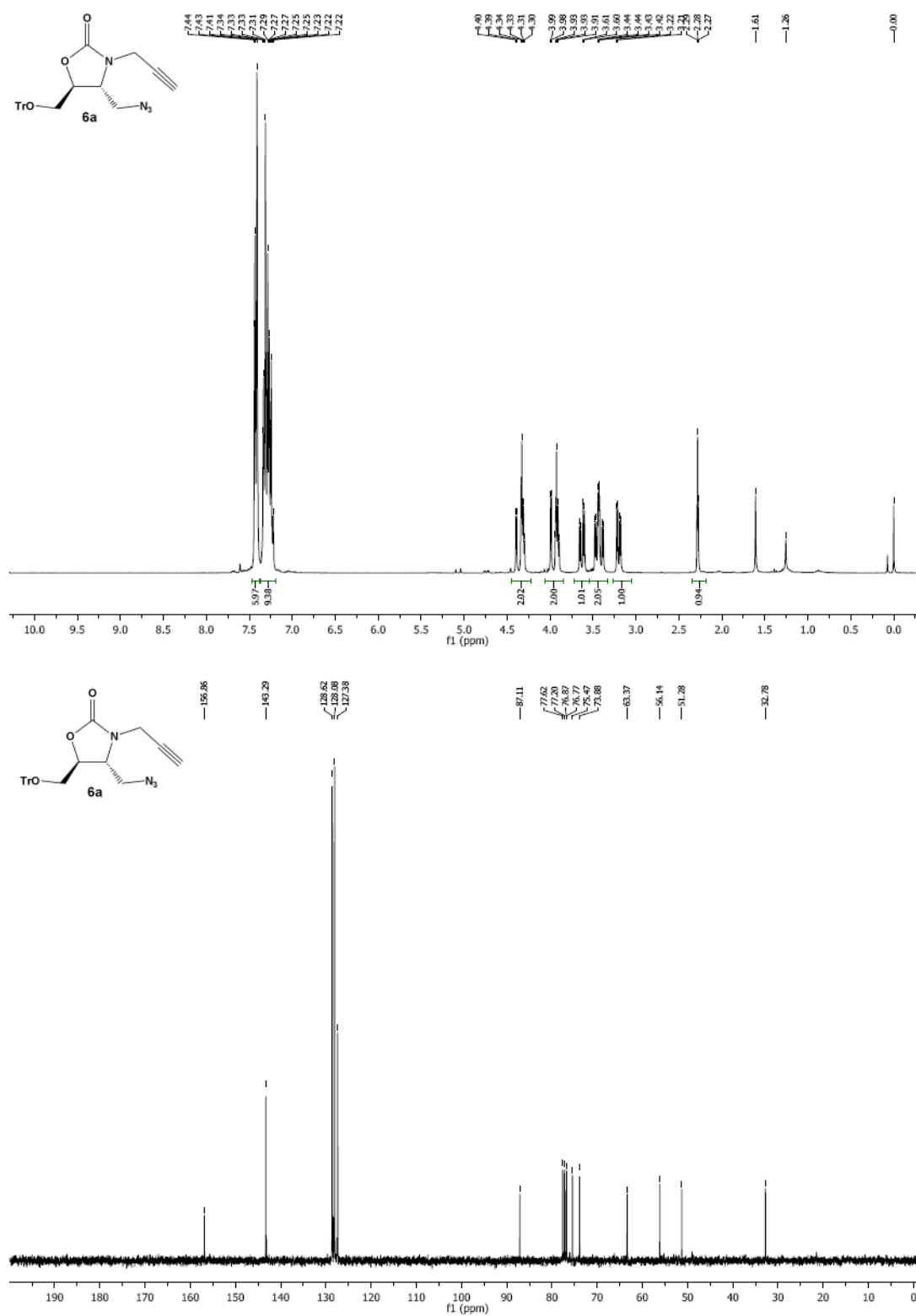


Figure 5.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6b** ( $\text{CDCl}_3$ )

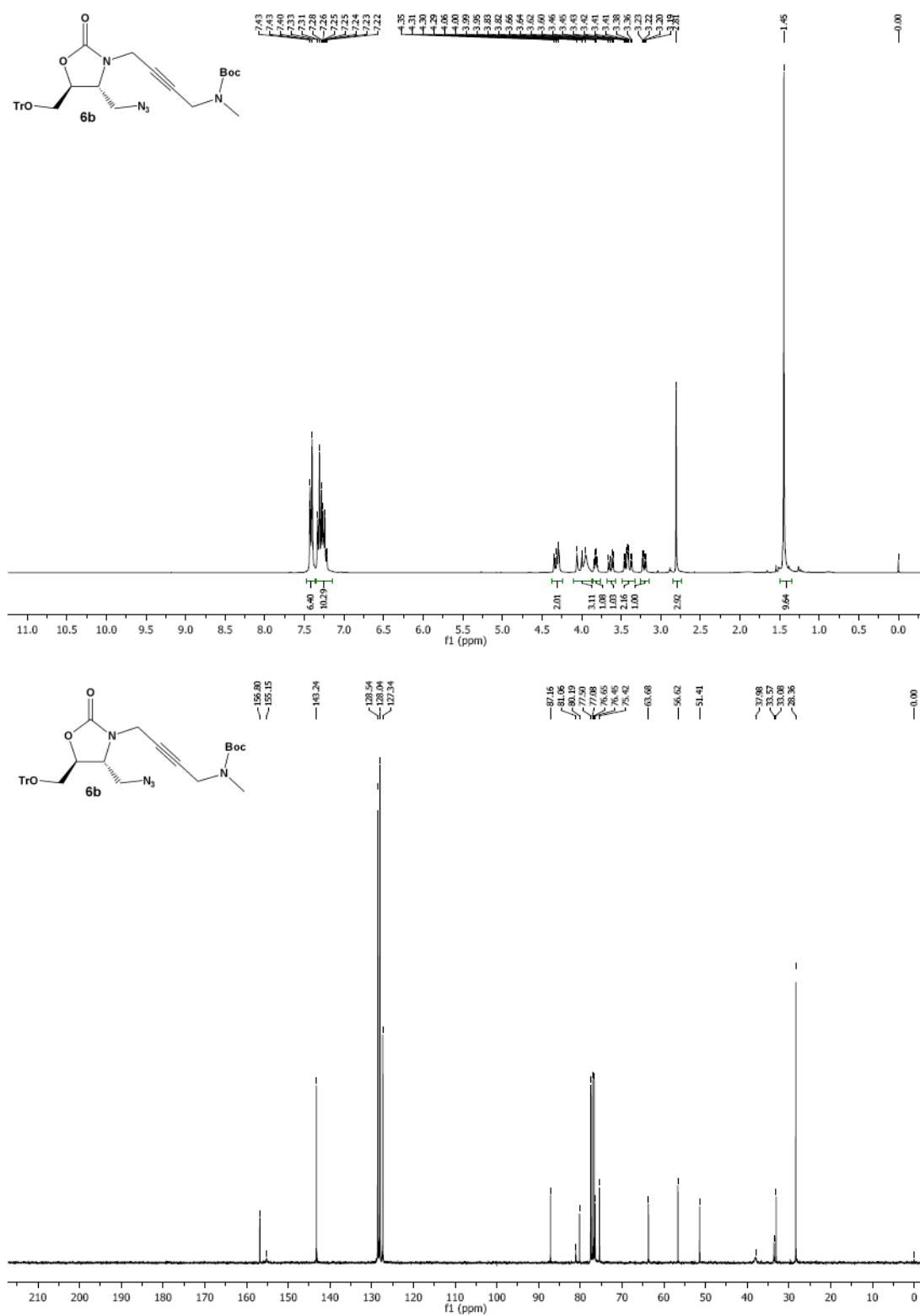


Figure 6.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6c** ( $\text{CDCl}_3$ )

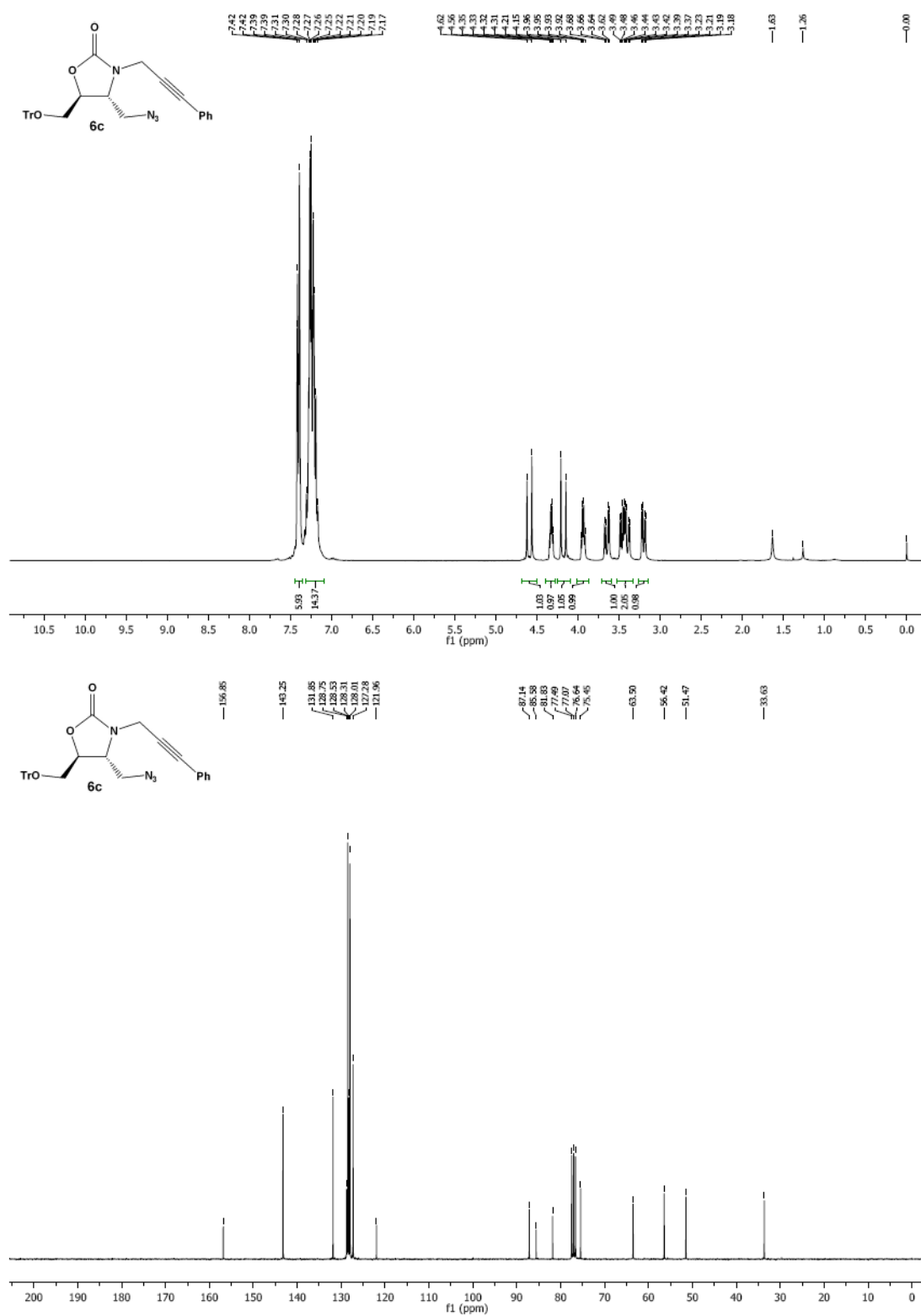




Figure 7.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6d** ( $\text{CDCl}_3$ )

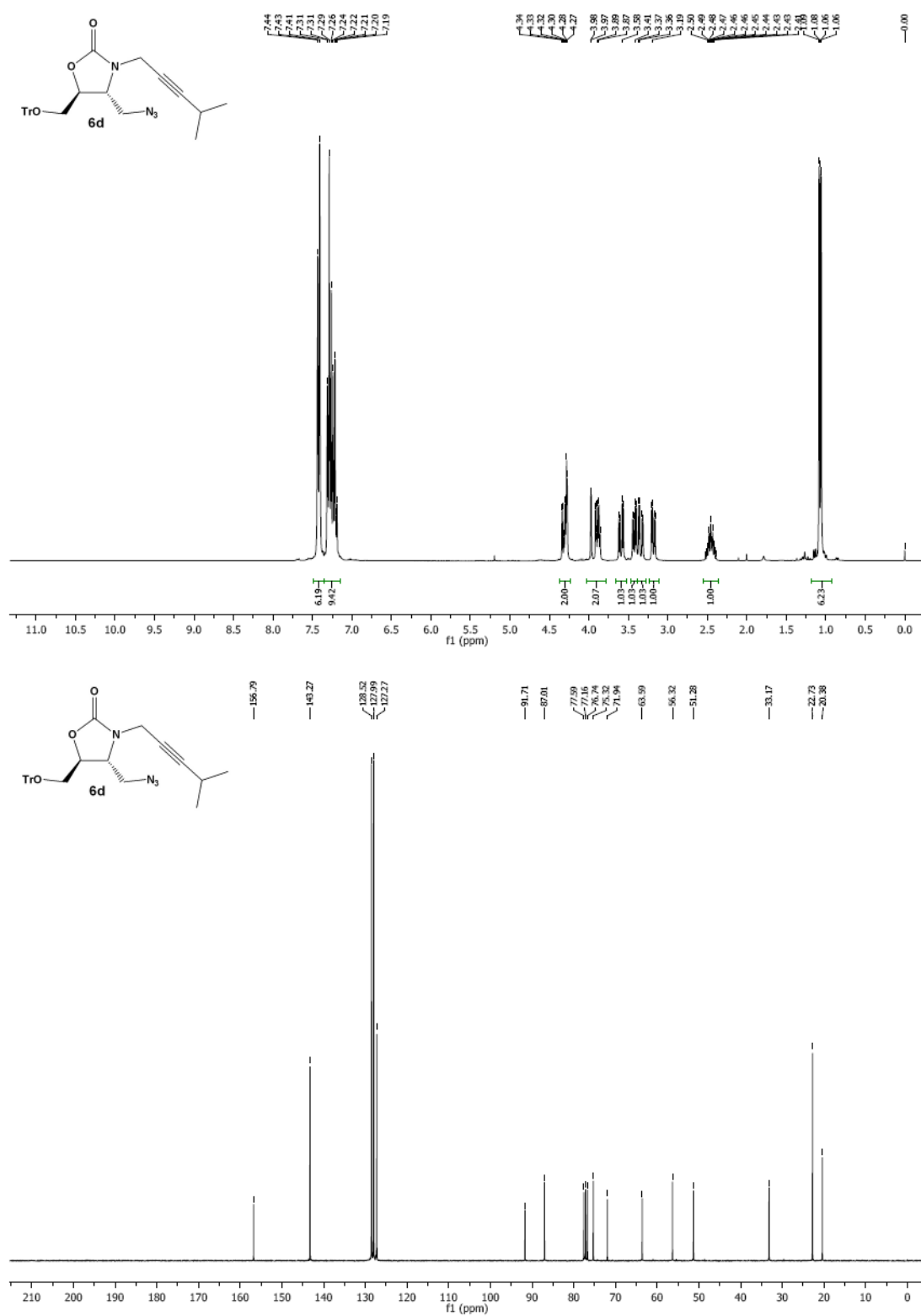


Figure 8.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6e** ( $\text{CDCl}_3$ )

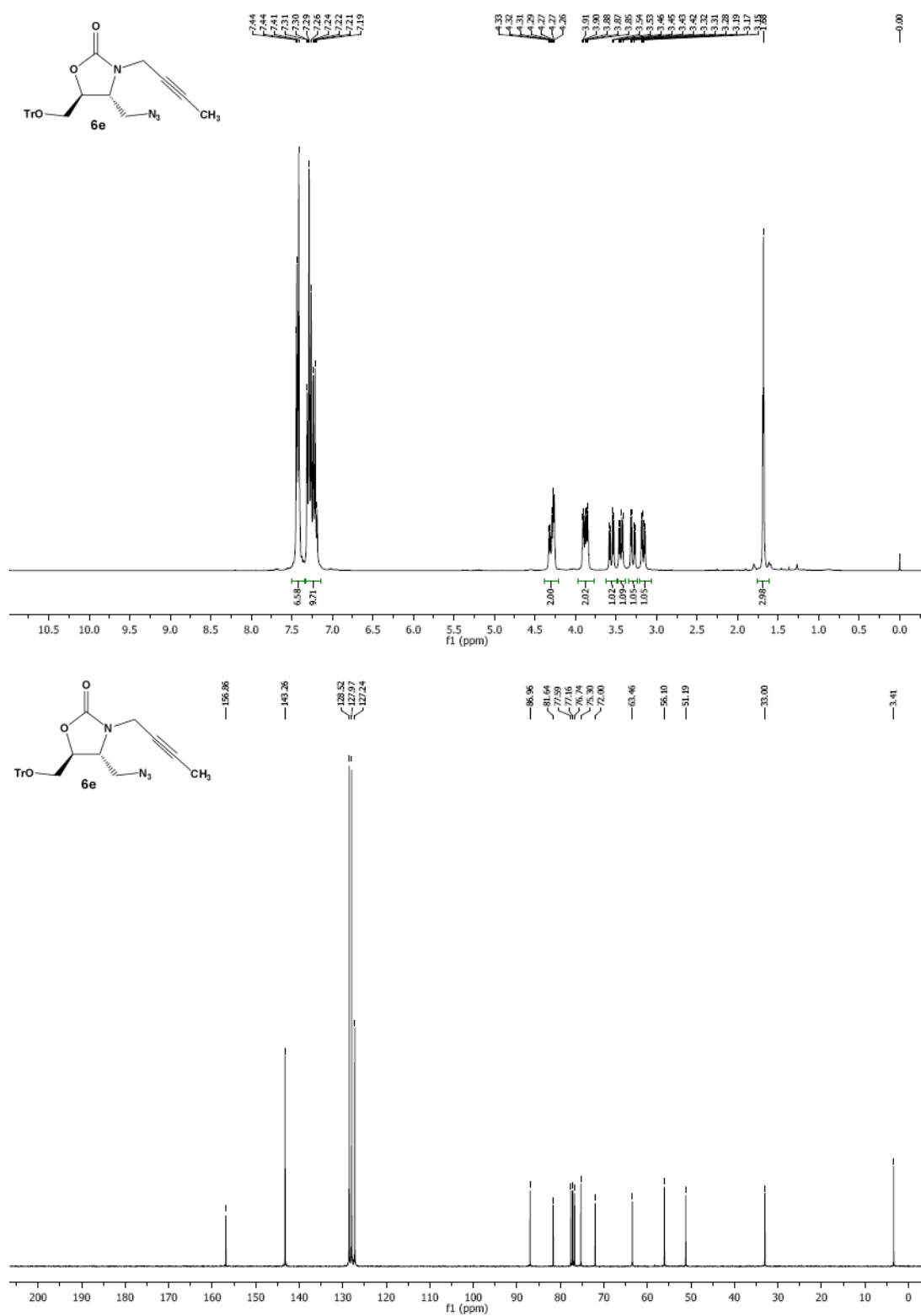


Figure 9.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6f** ( $\text{CDCl}_3$ )

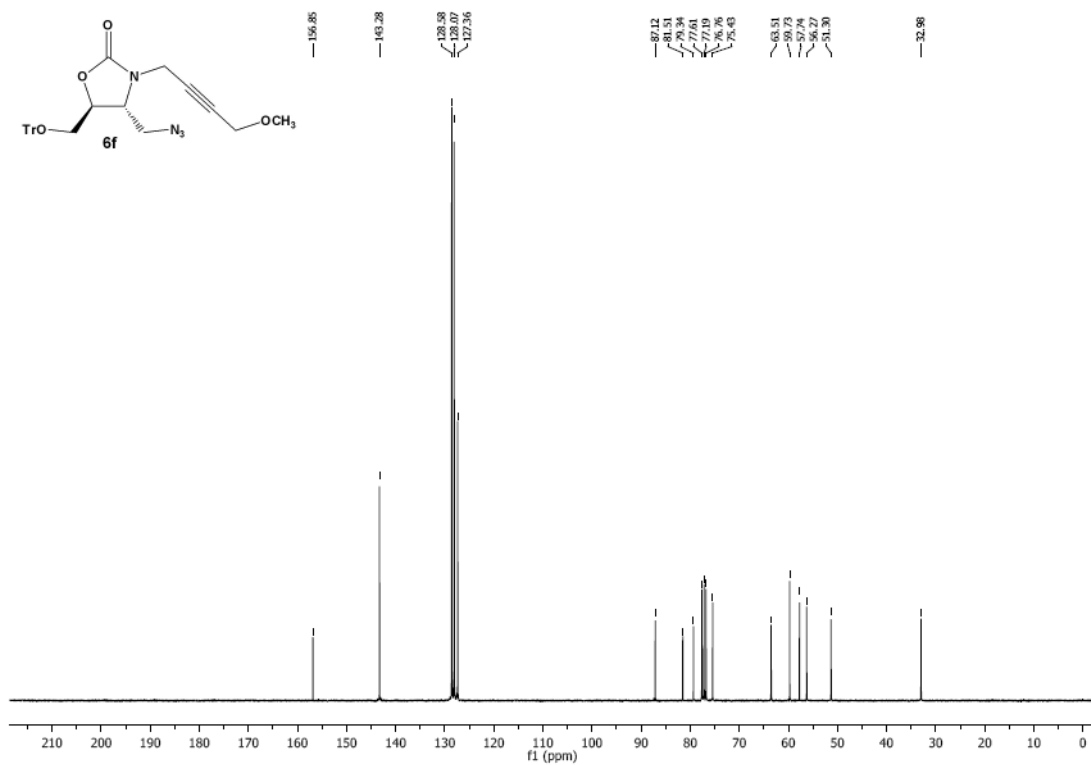
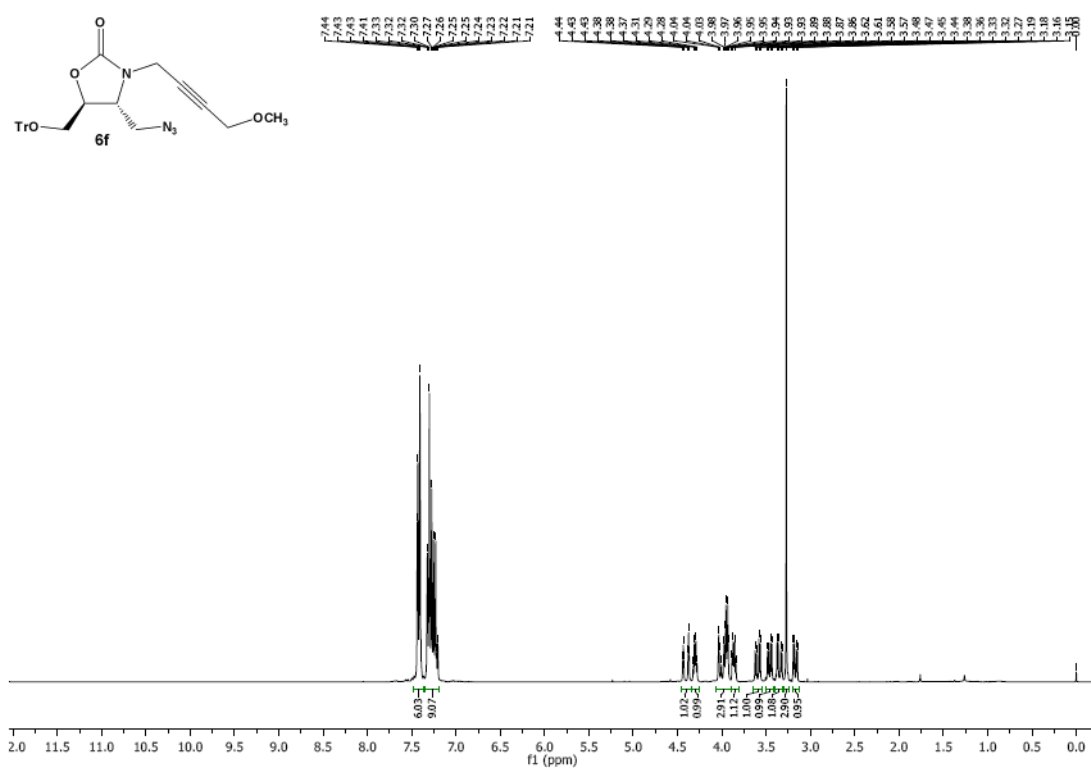


Figure 10.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6g** ( $\text{CDCl}_3$ )

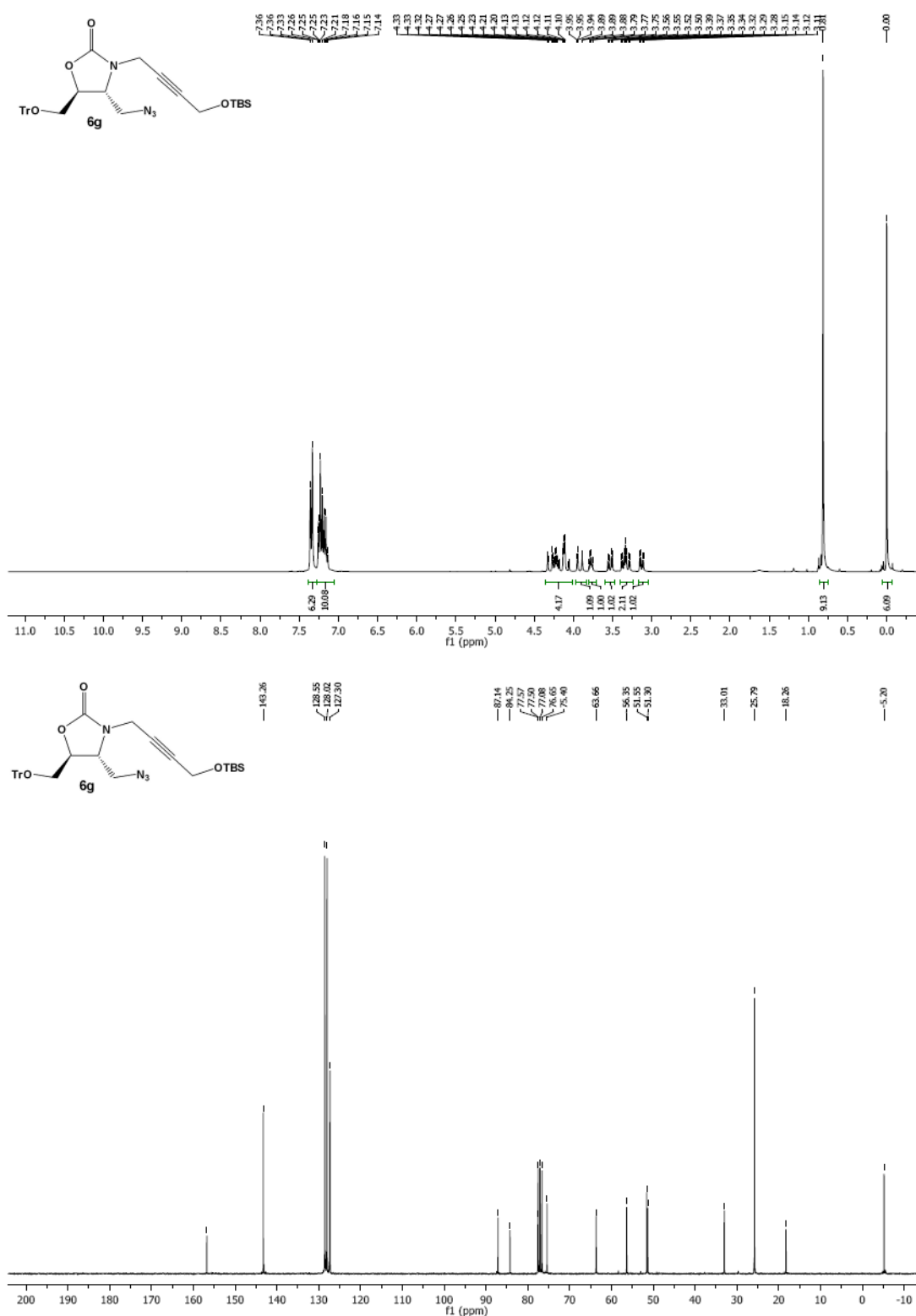


Figure 11.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6i** ( $\text{CDCl}_3$ )

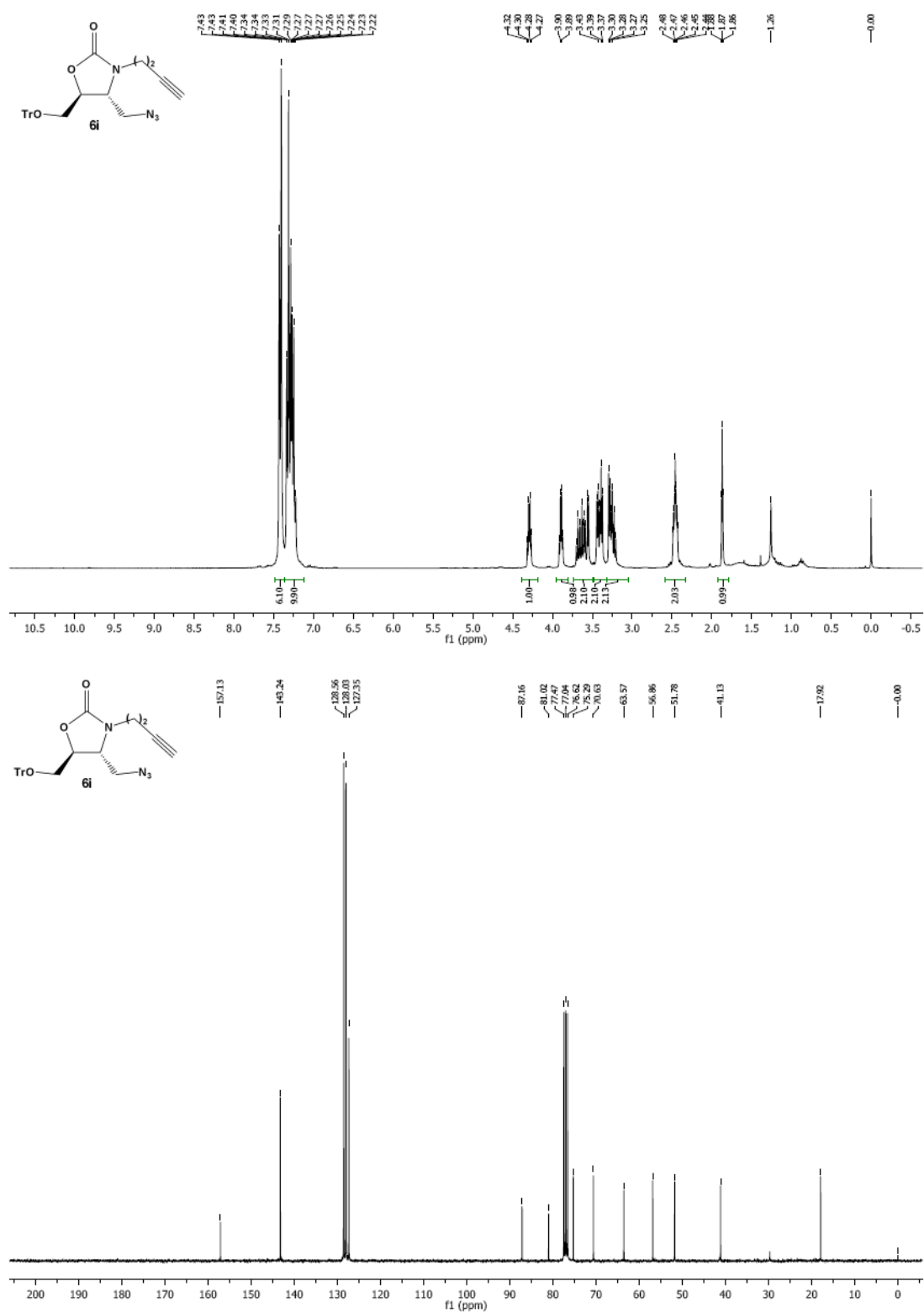


Figure 12.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6j** ( $\text{CDCl}_3$ )

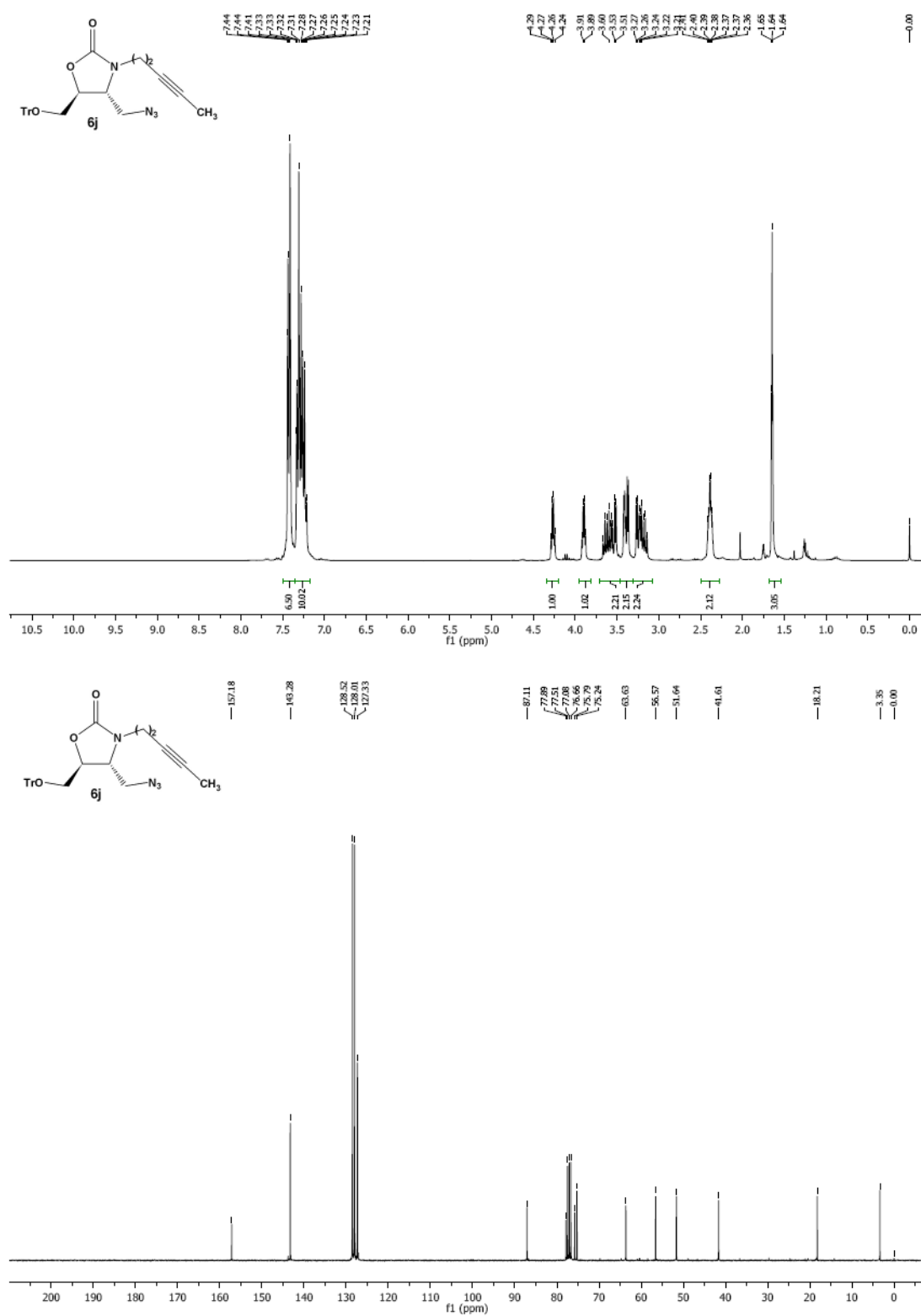


Figure 13.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6k** ( $\text{CDCl}_3$ )

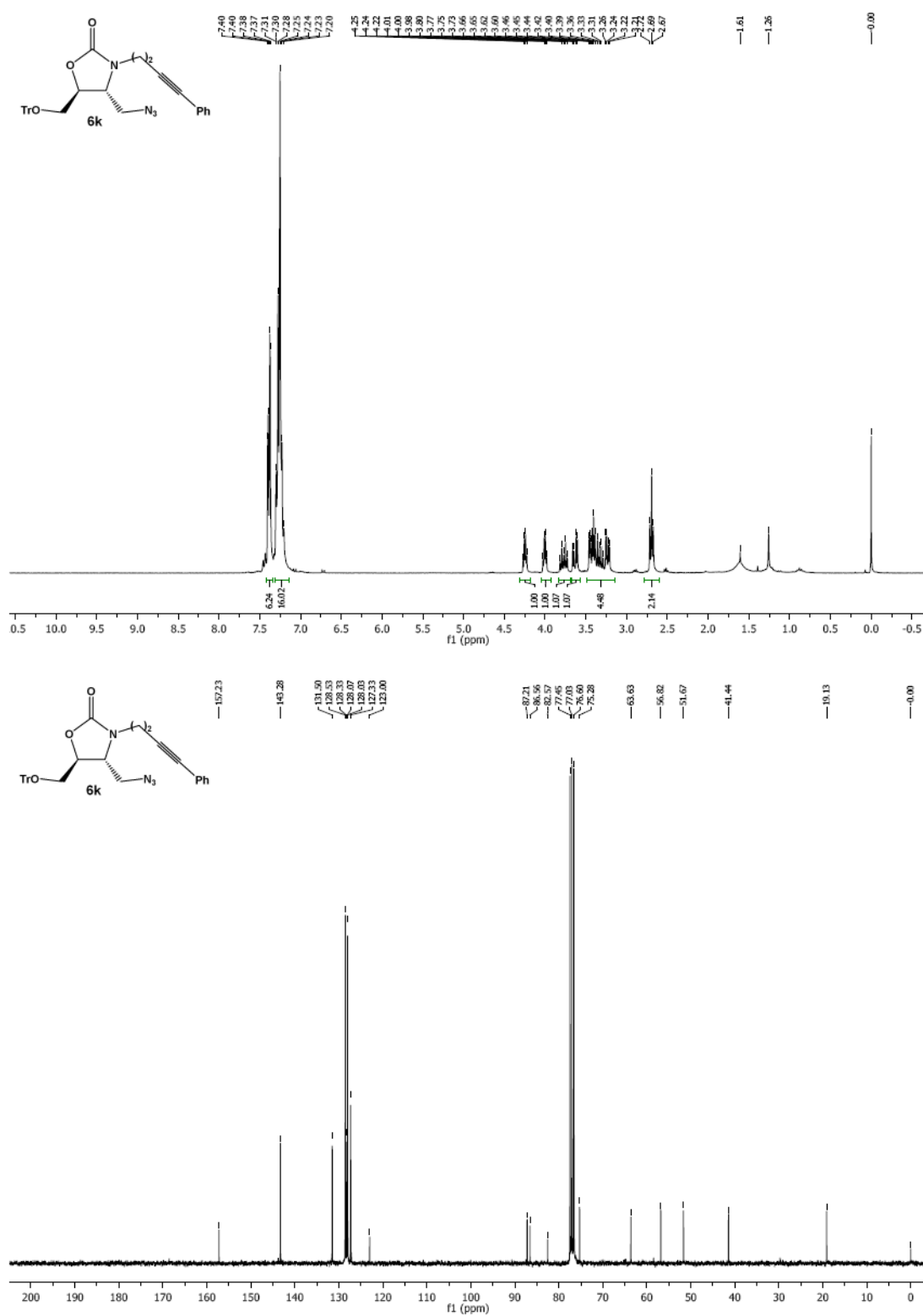


Figure 14.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **61** ( $\text{CDCl}_3$ )

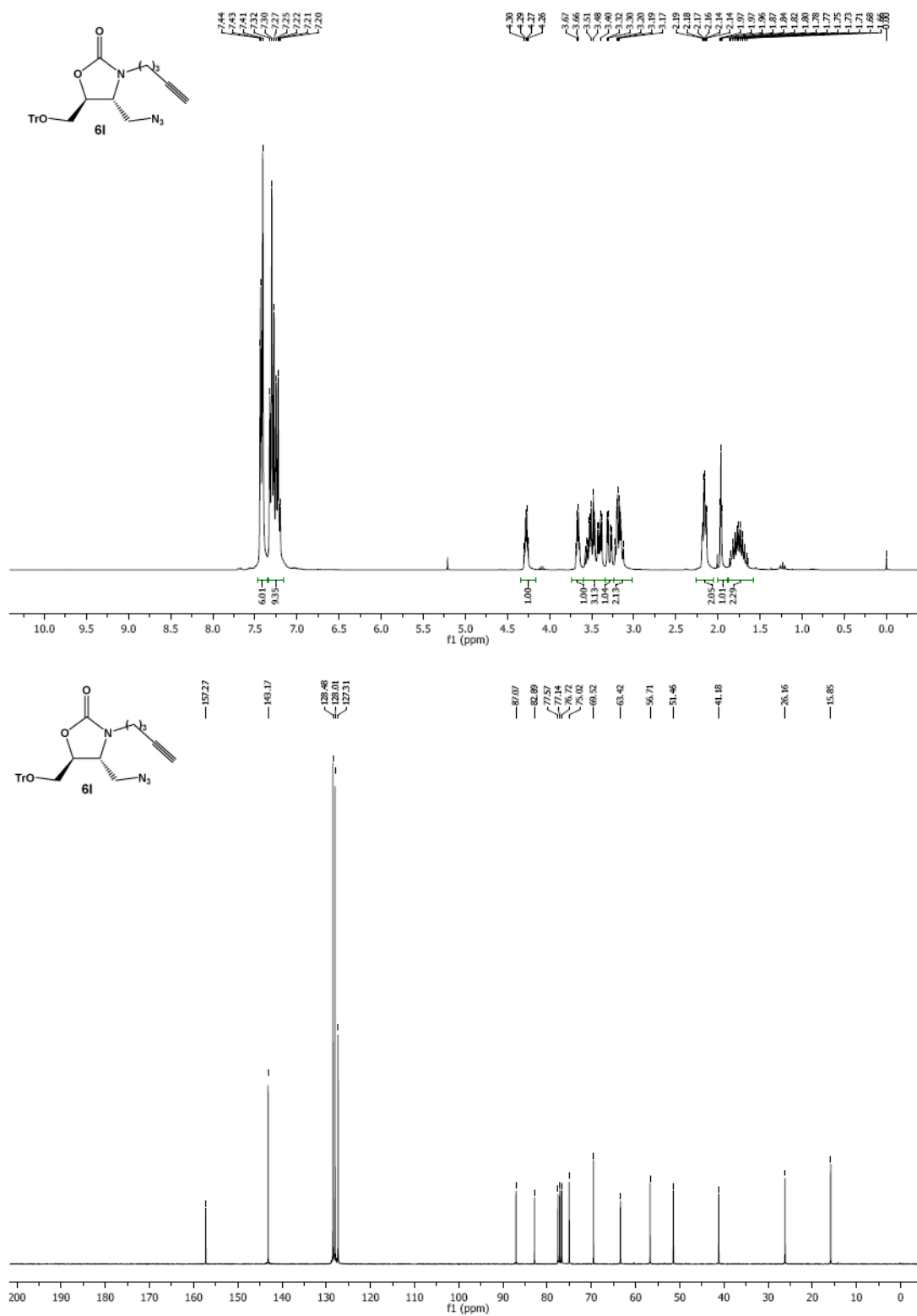




Figure 15.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6m** ( $\text{CDCl}_3$ )

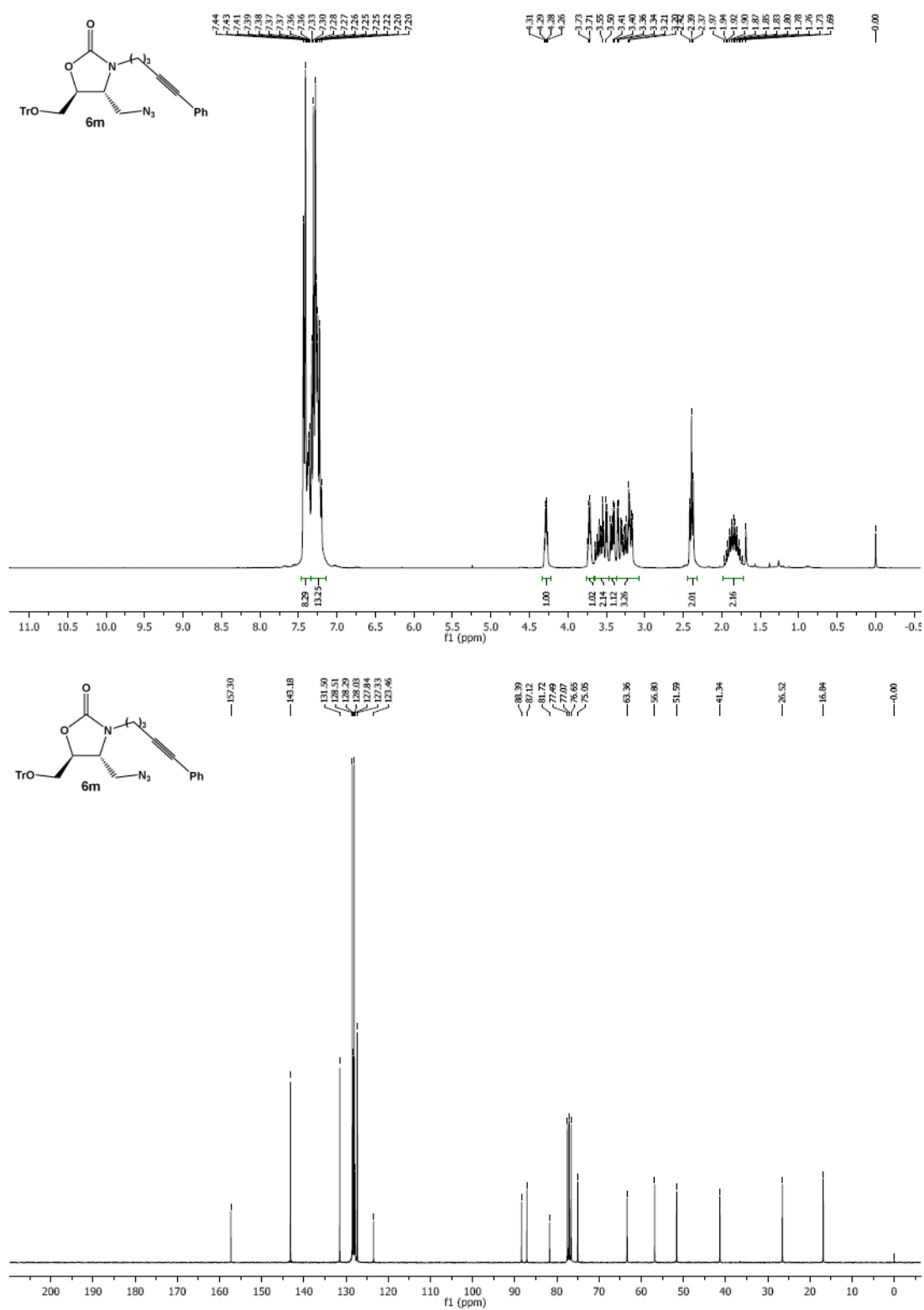


Figure 16.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6n** ( $\text{CDCl}_3$ )

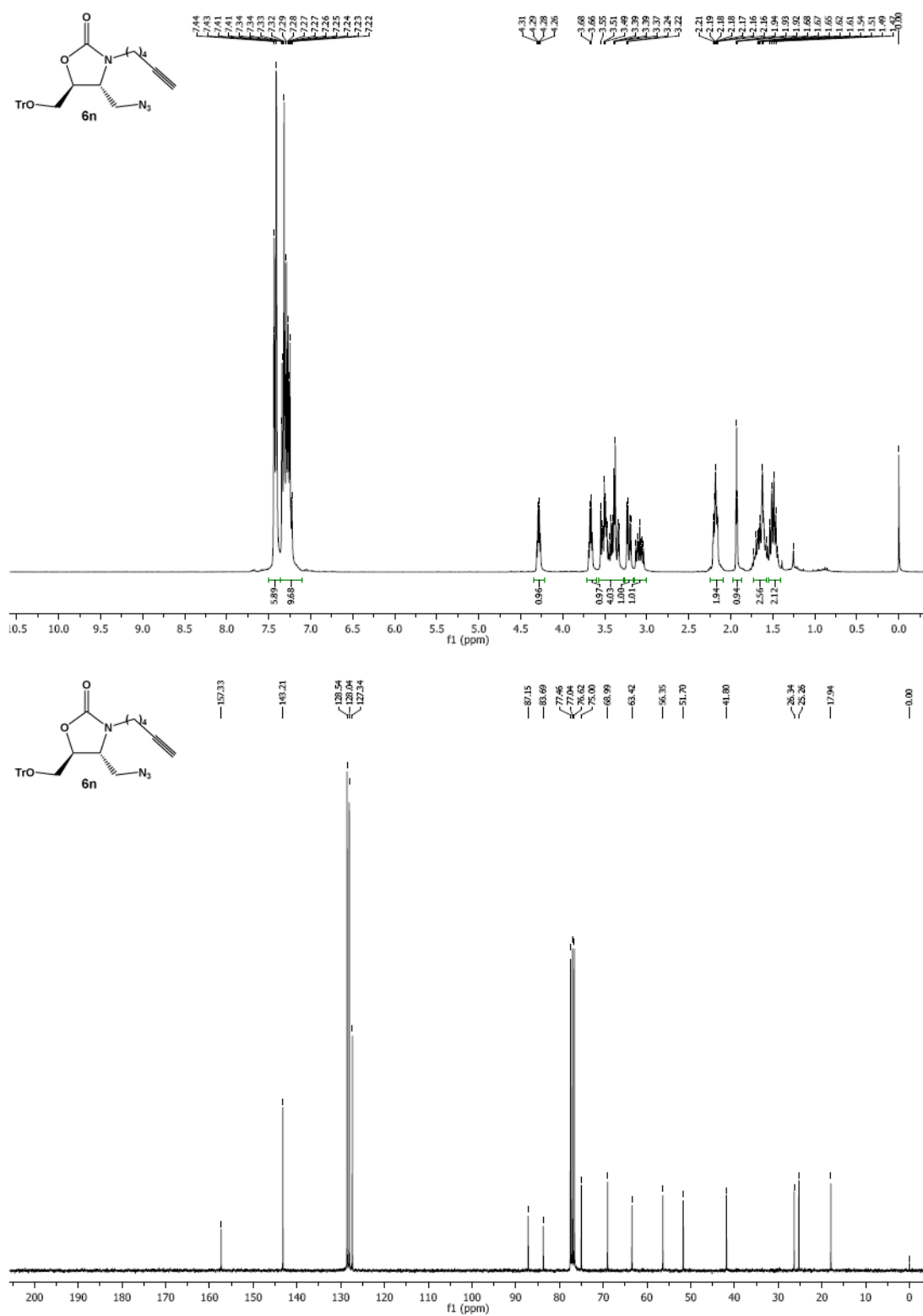


Figure 17.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6o** ( $\text{CDCl}_3$ )

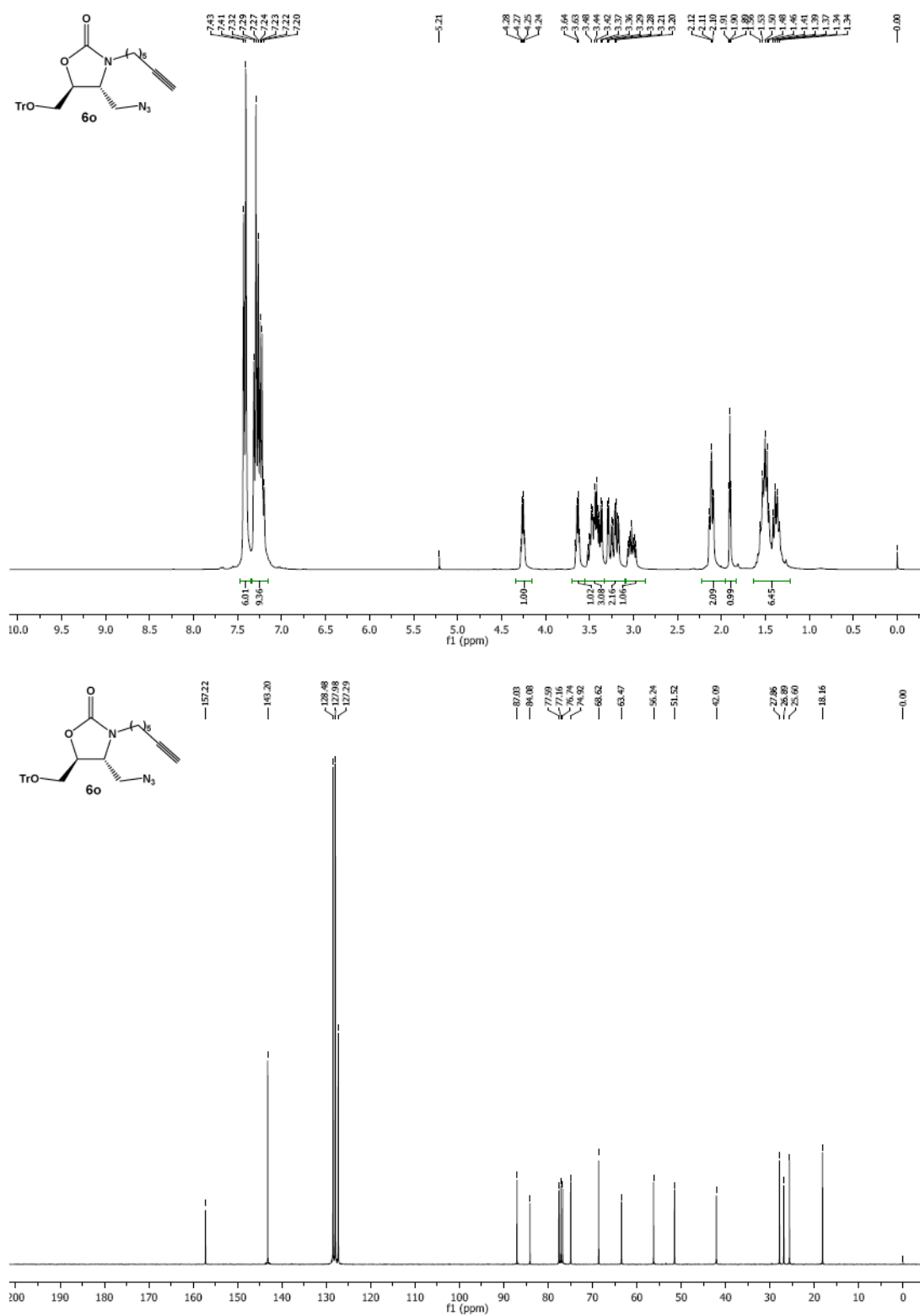


Figure 18.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6p** ( $\text{CDCl}_3$ )

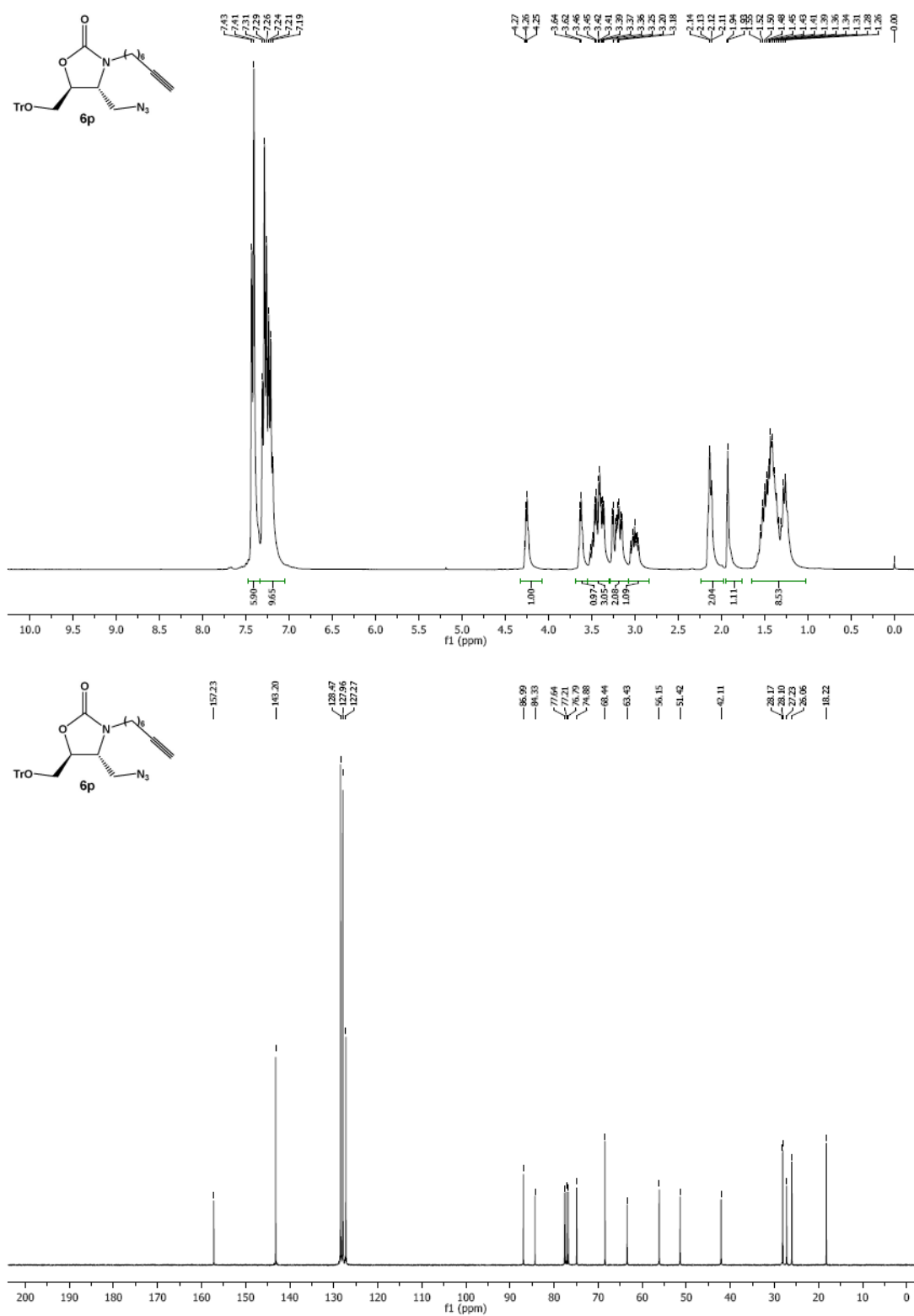


Figure 19.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **6q** ( $\text{CDCl}_3$ )

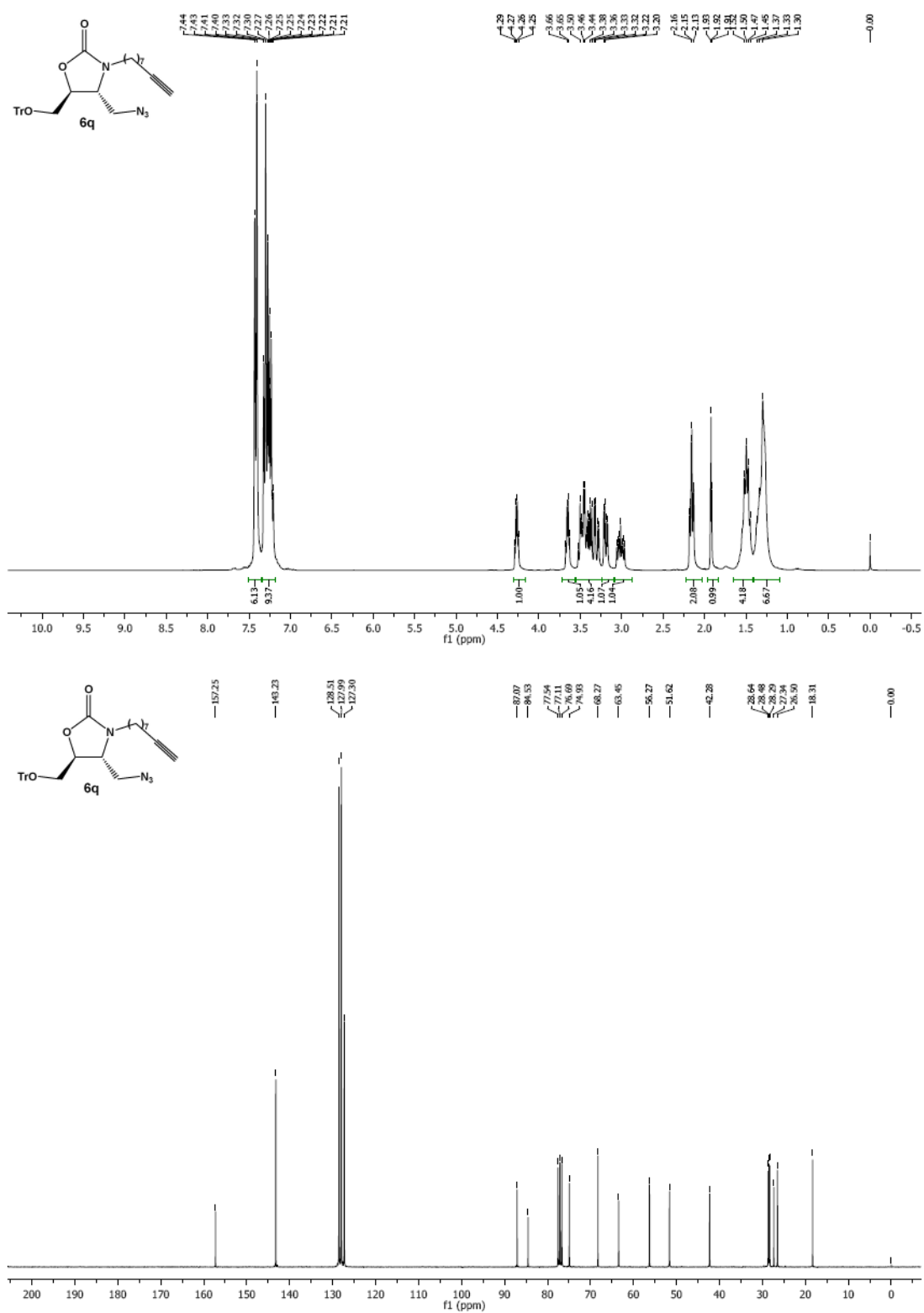


Figure 20. <sup>1</sup>H and <sup>13</sup>C NMR spectra for compound **6r** (CDCl<sub>3</sub>)

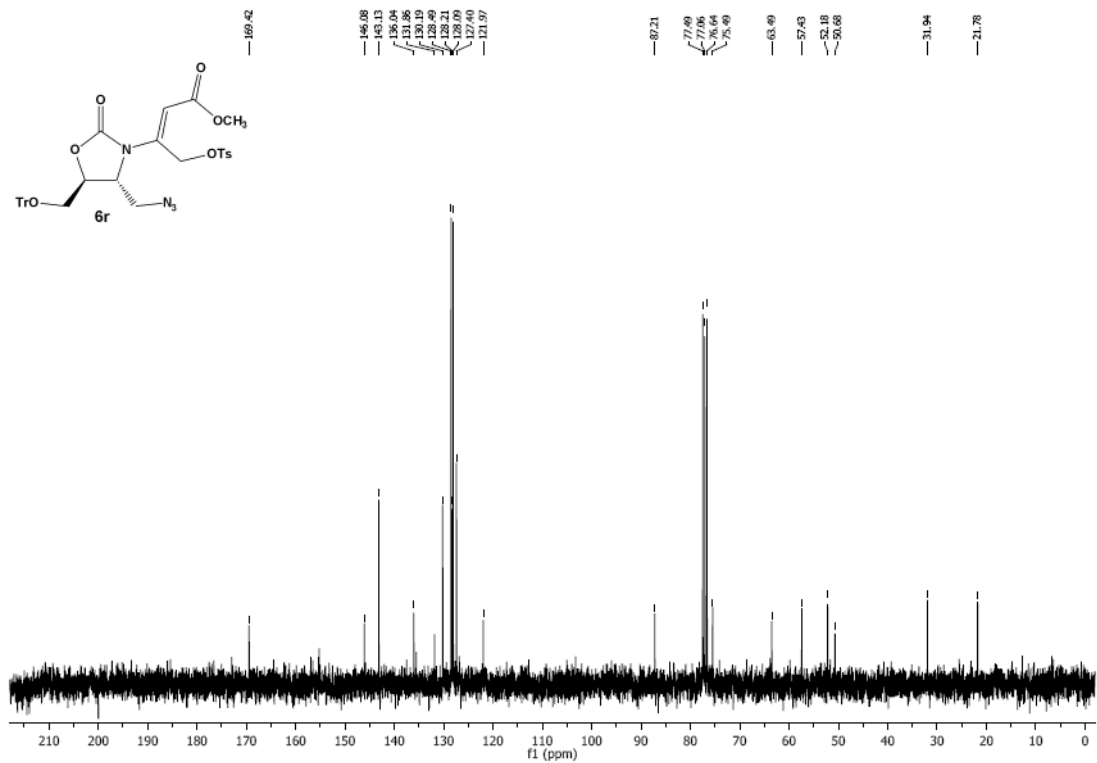
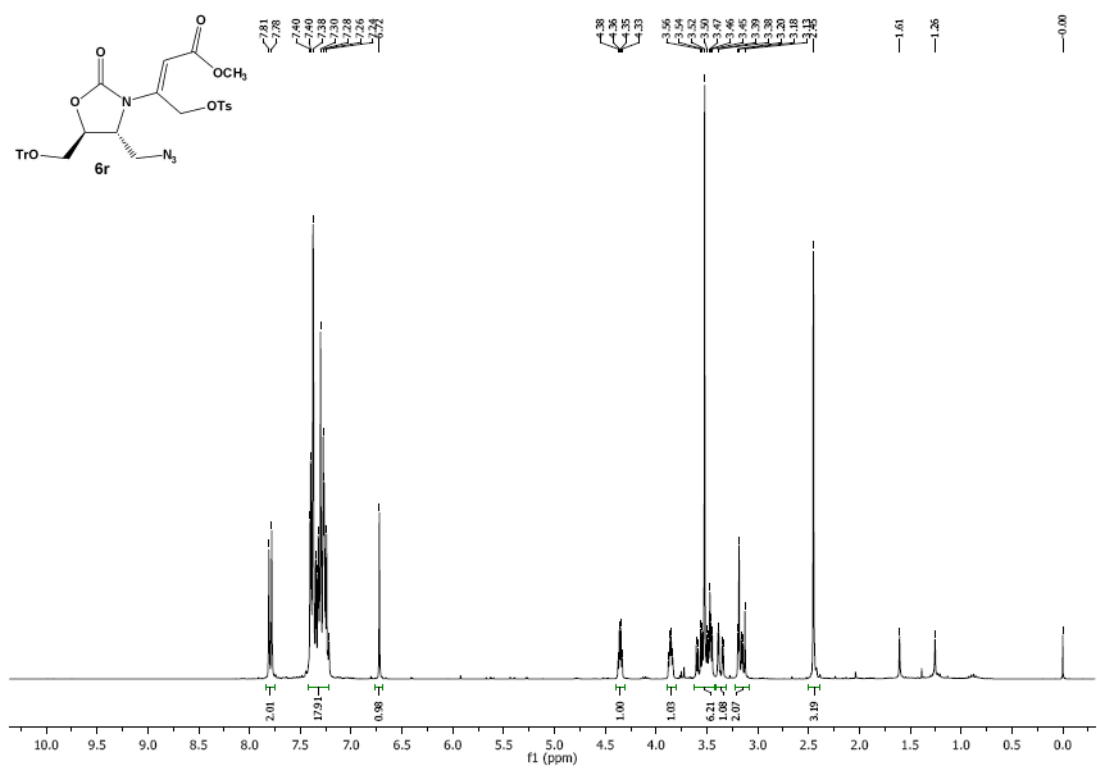


Figure 21.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7a** ( $\text{CDCl}_3$ )

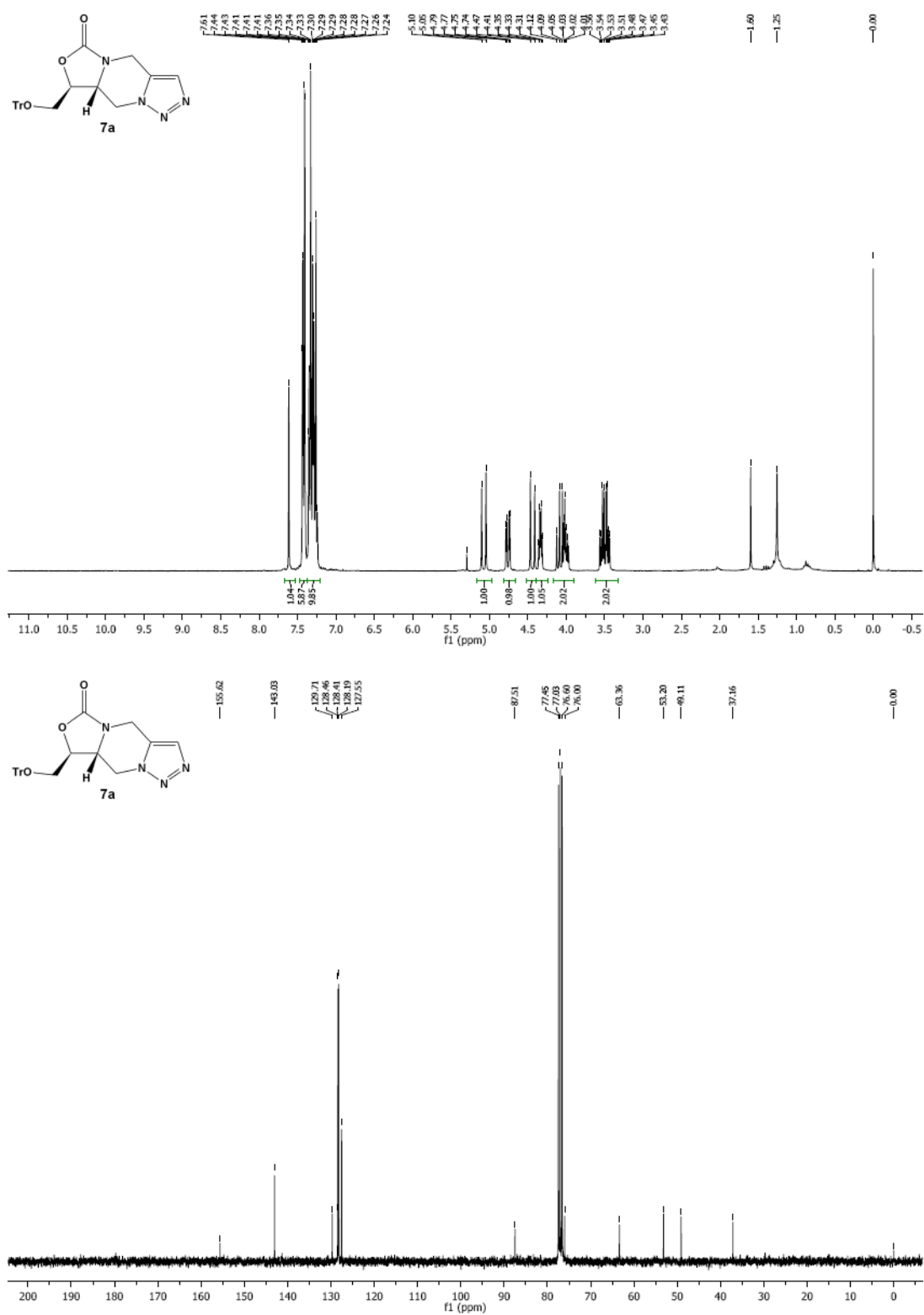


Figure 22.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7b** ( $\text{CDCl}_3$ )

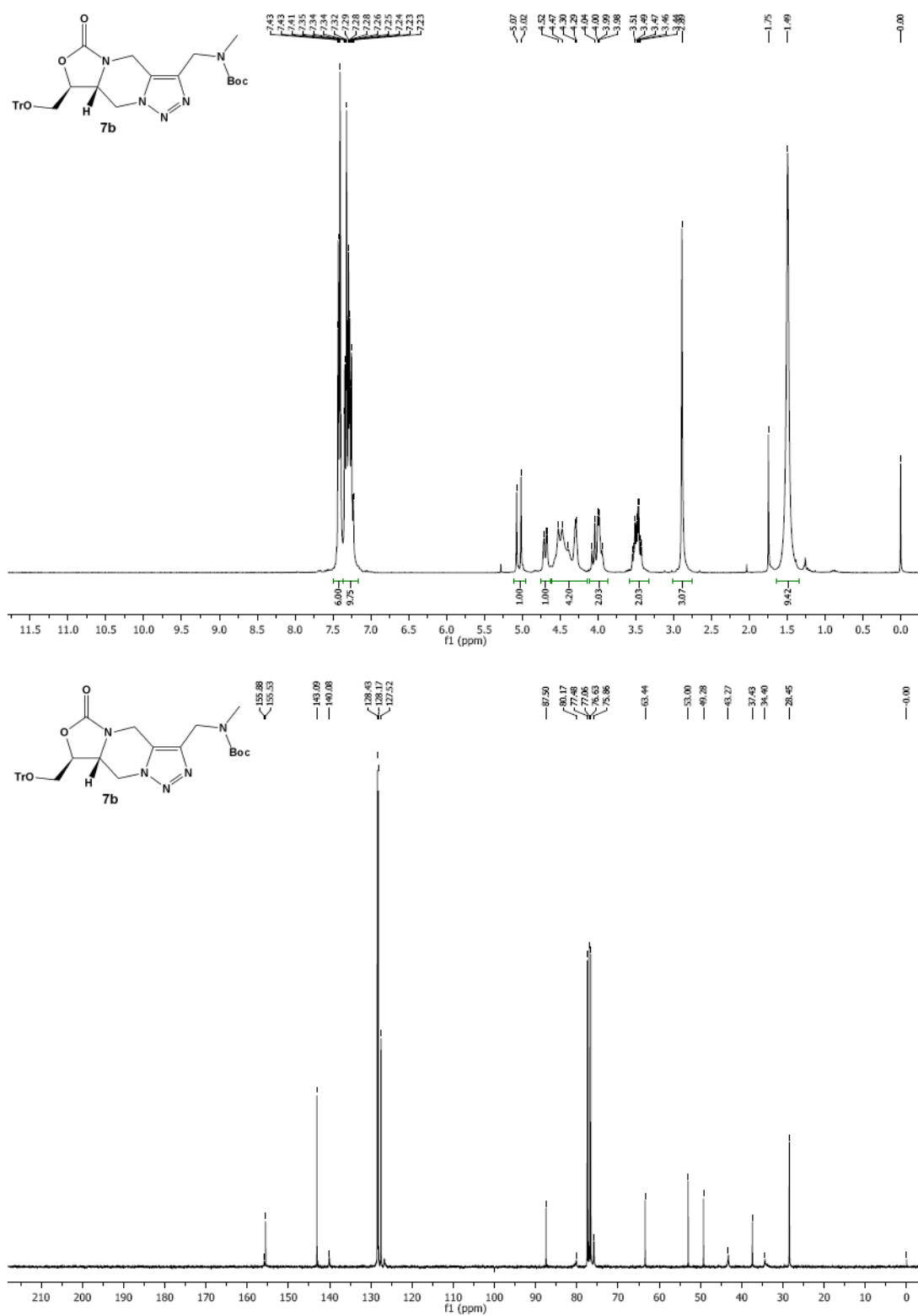




Figure 23.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7c** ( $\text{CDCl}_3$ )

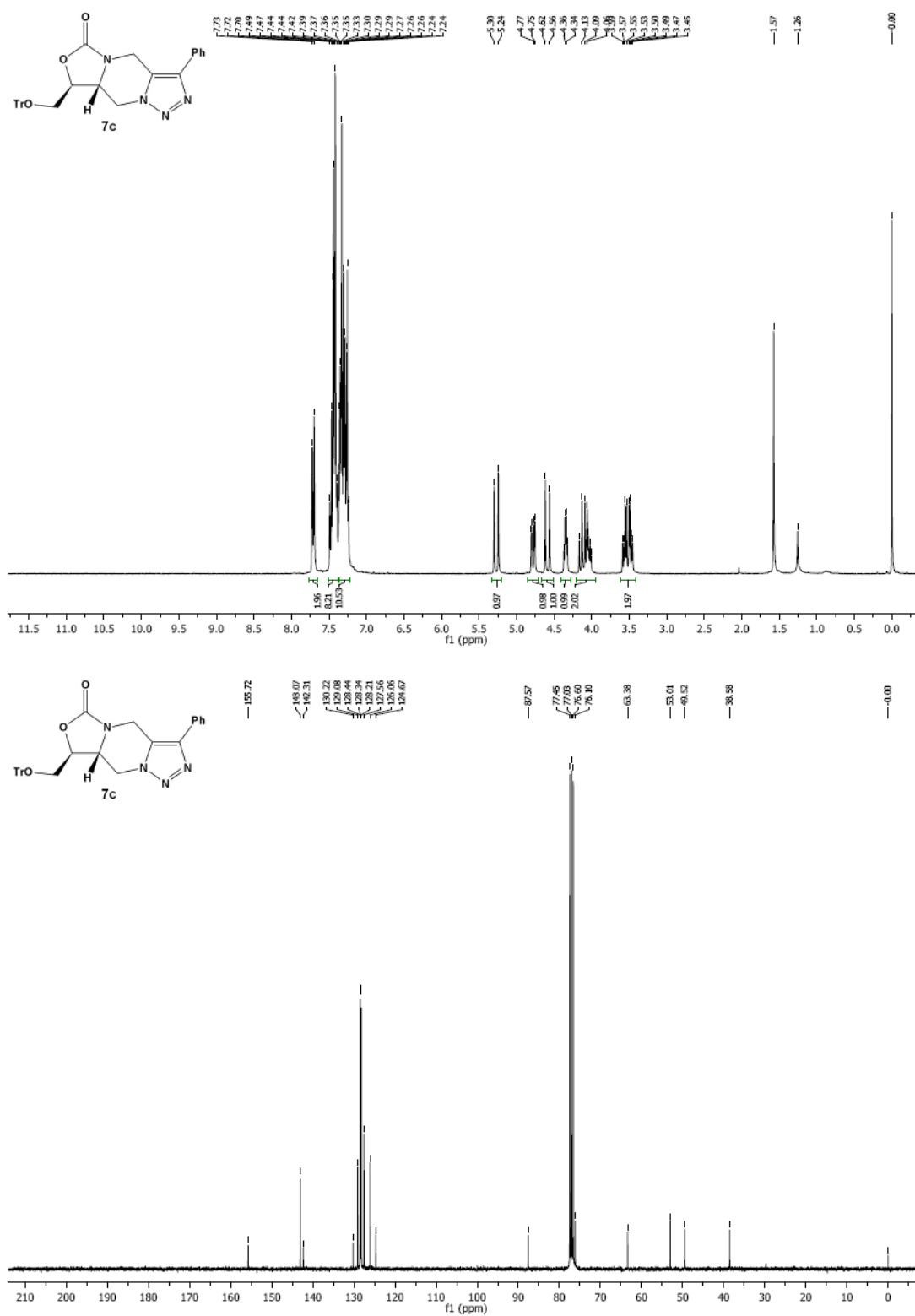


Figure 24.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7d** ( $\text{CDCl}_3$ )

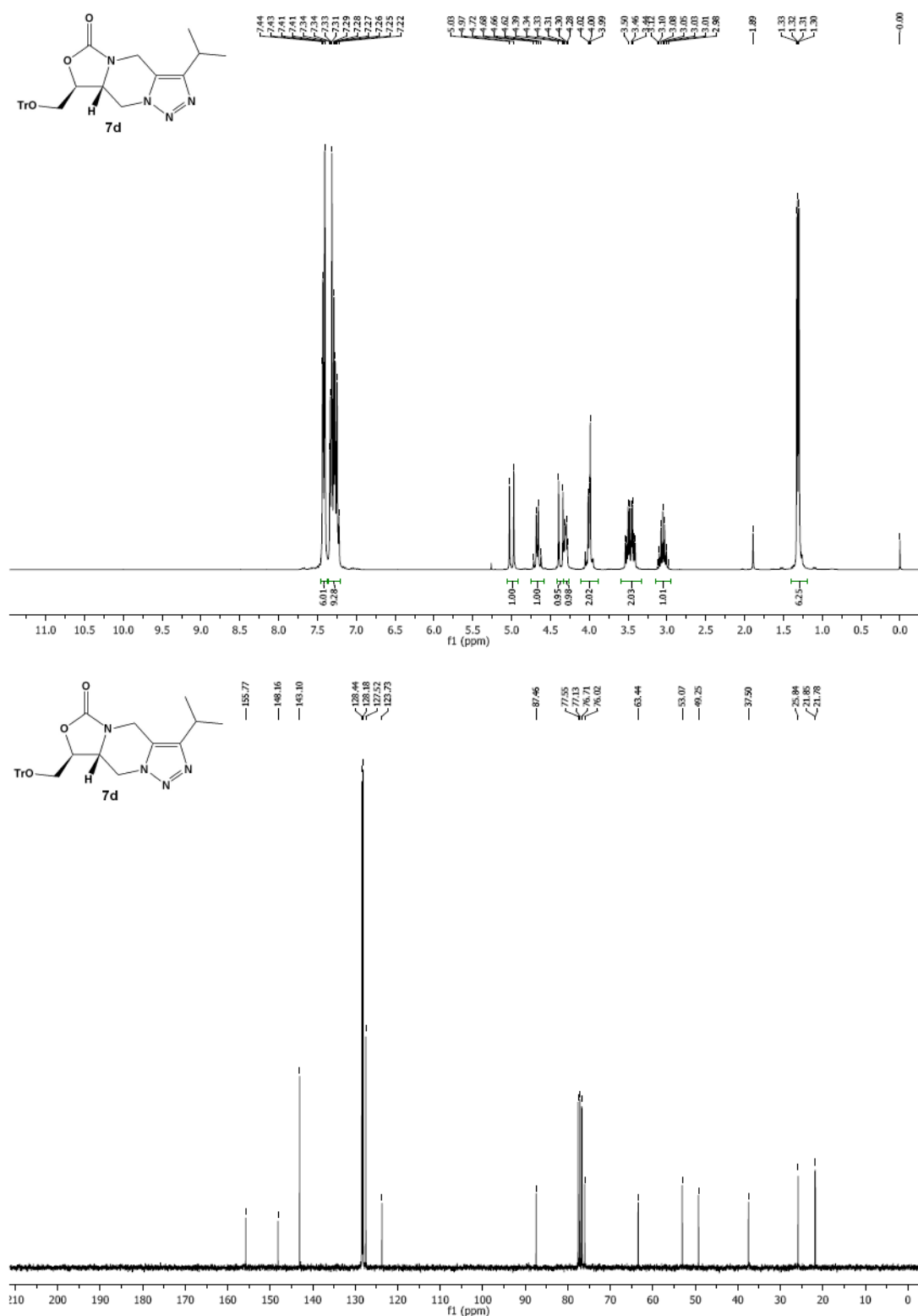


Figure 25.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7e** ( $\text{CDCl}_3$ )

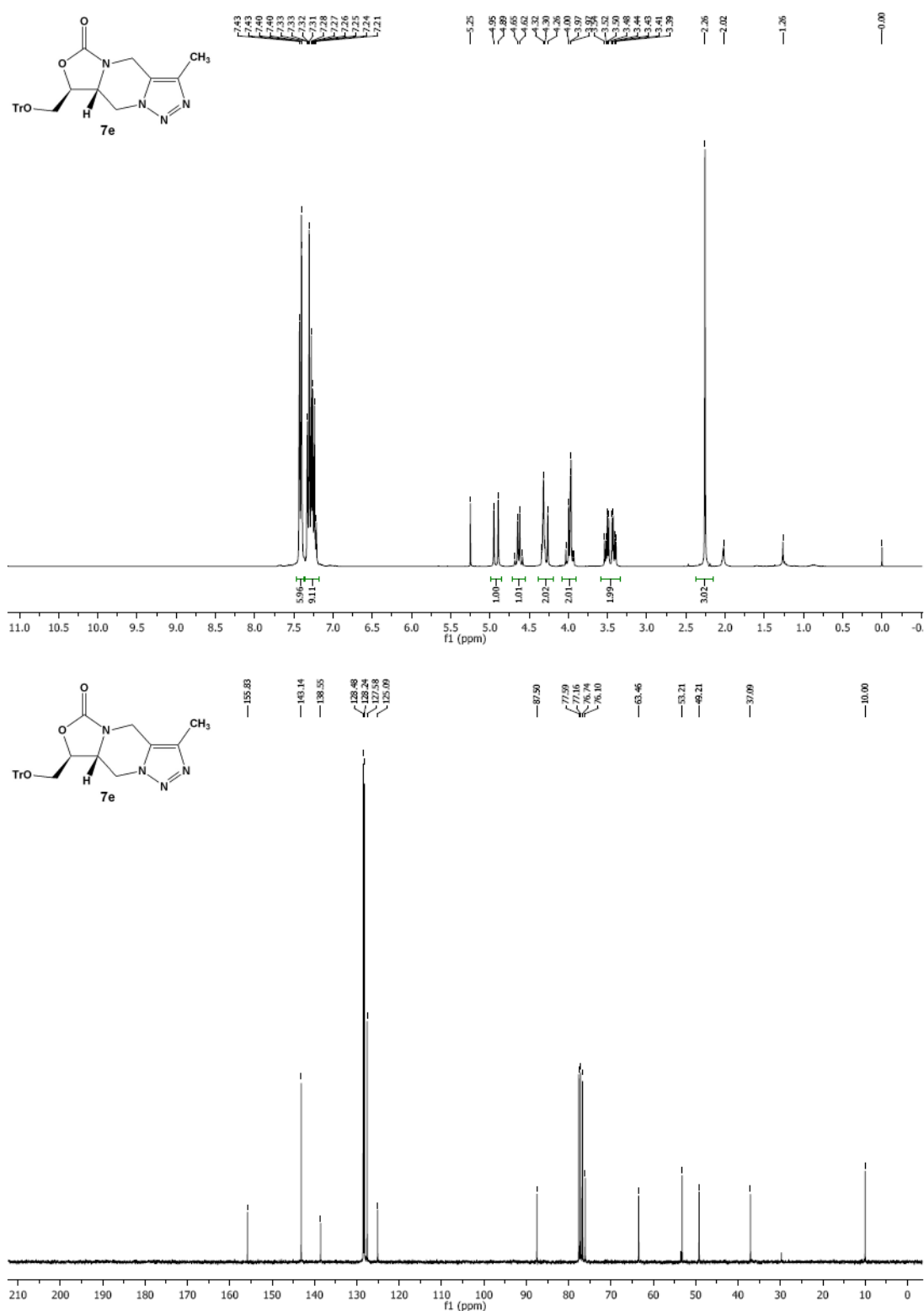


Figure 26.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7f** ( $\text{CDCl}_3$ )

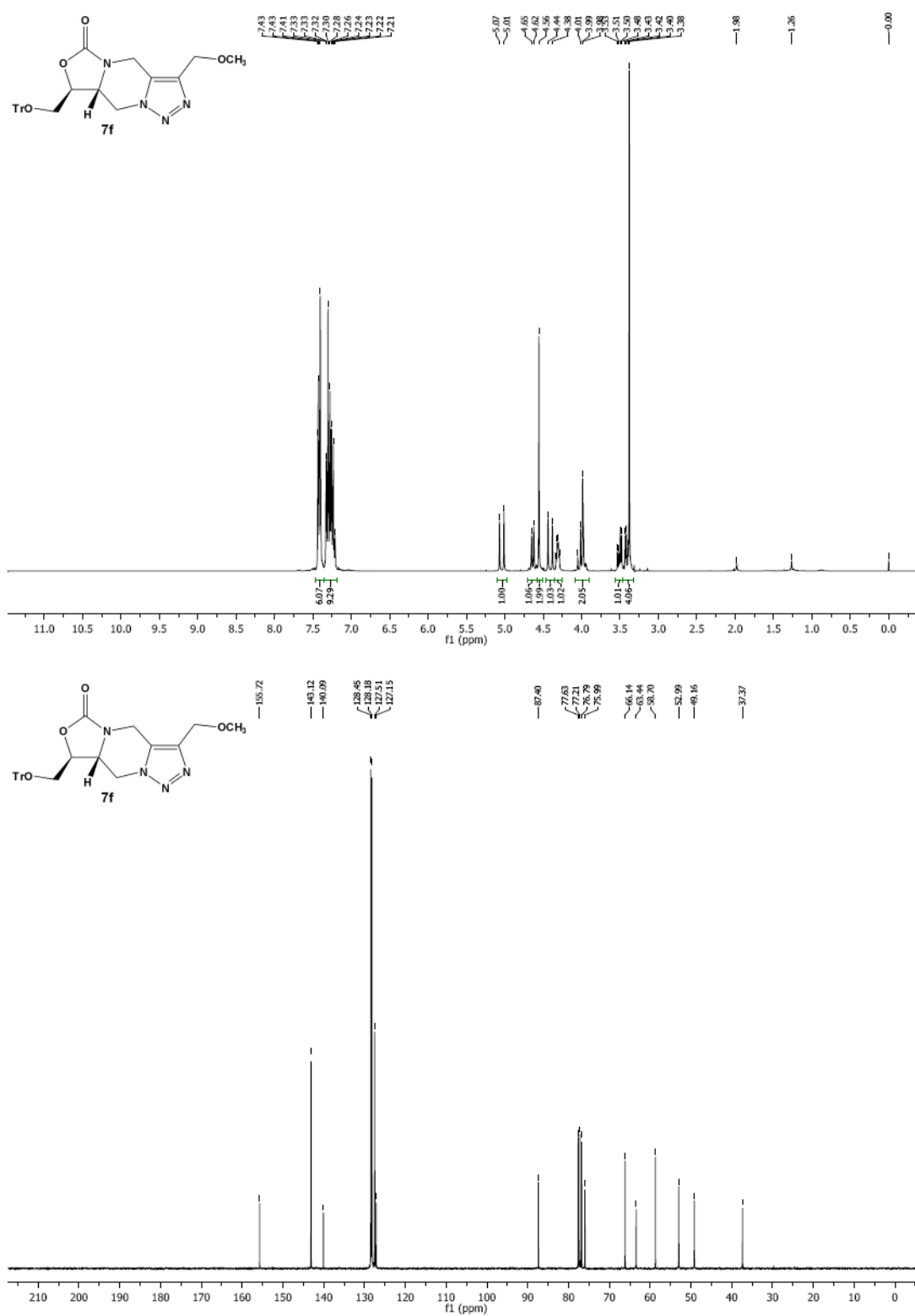


Figure 27.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7g** ( $\text{CDCl}_3$ )

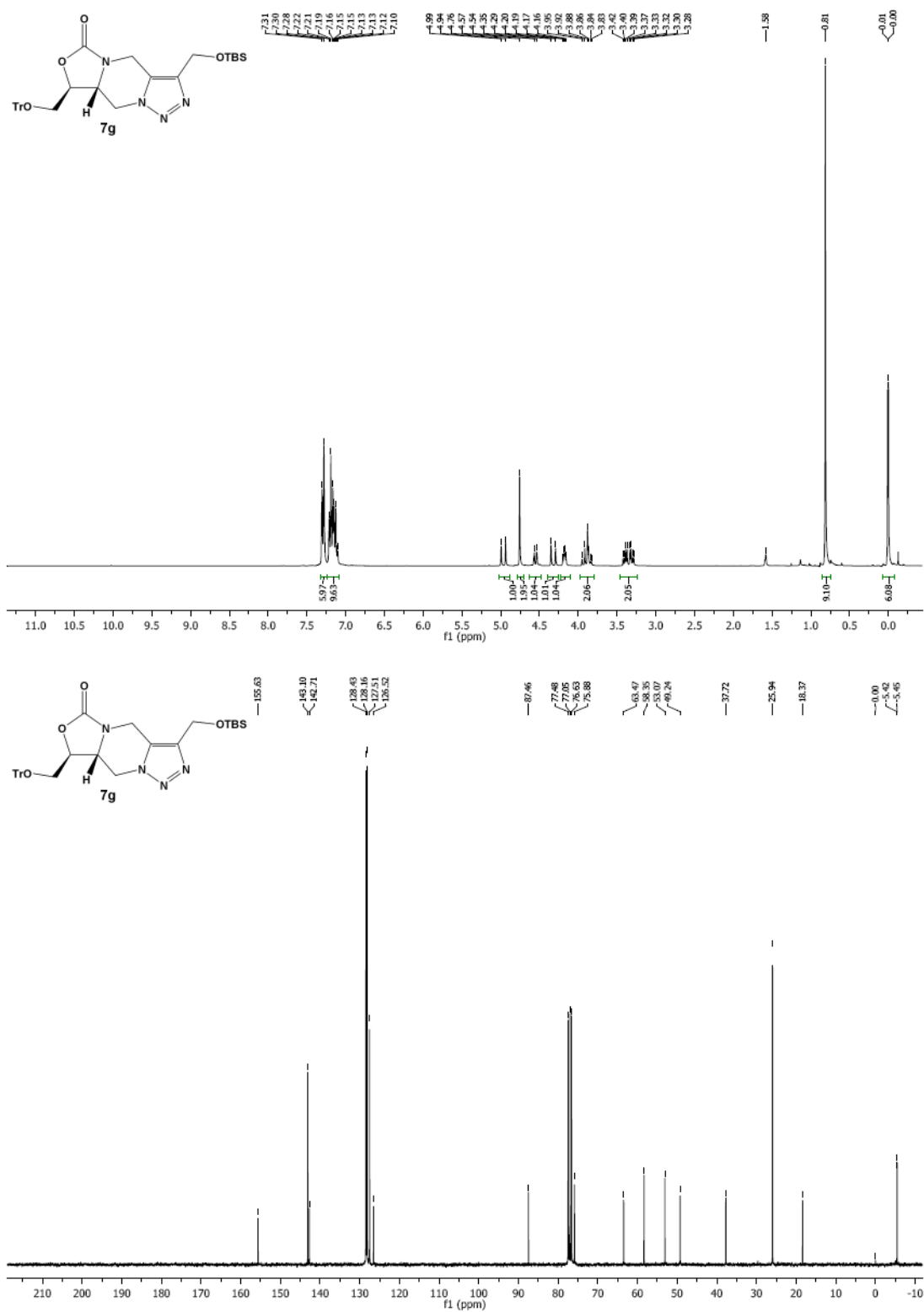


Figure 28.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7i** ( $\text{CDCl}_3$ )

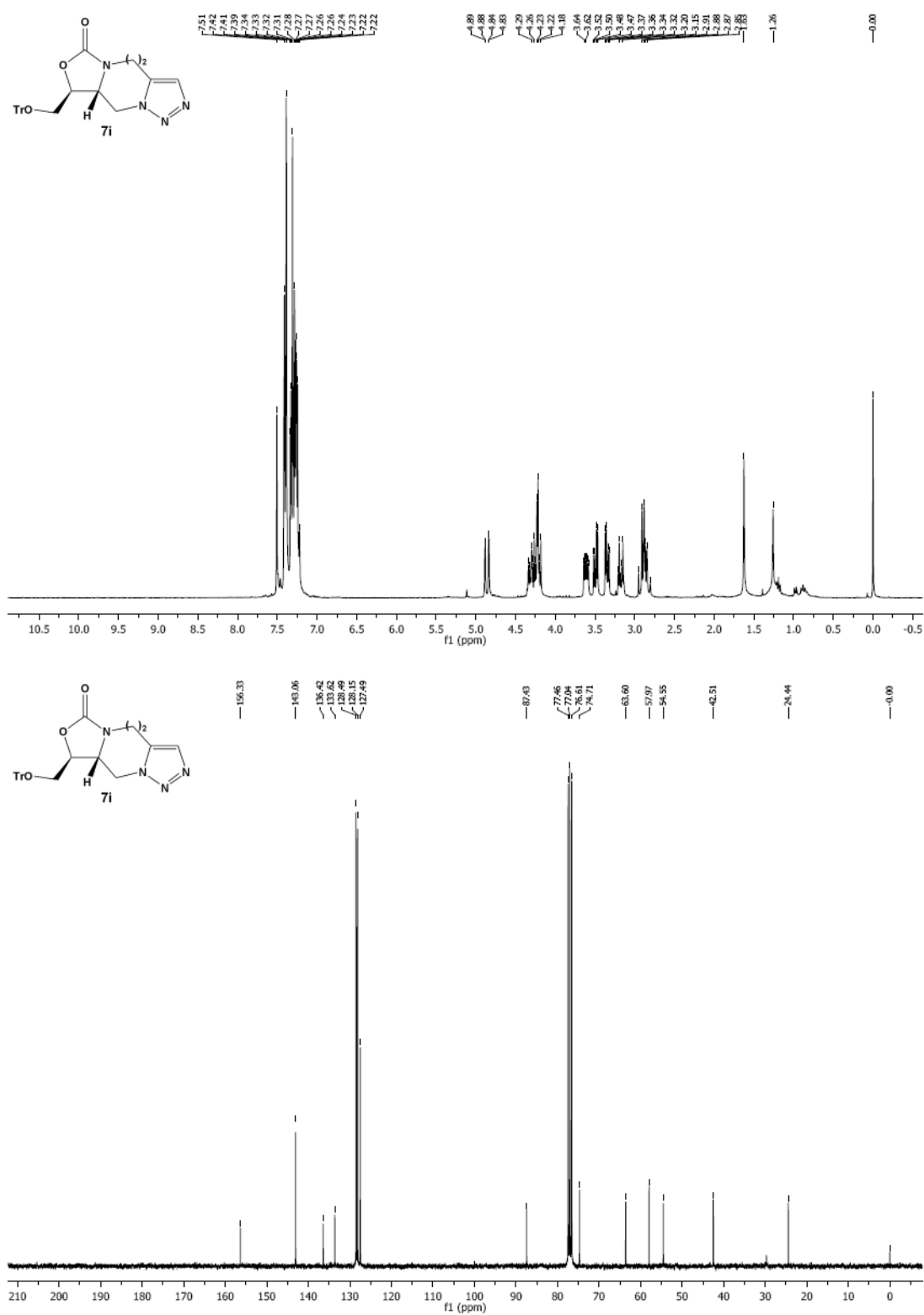


Figure 29.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7j** ( $\text{CDCl}_3$ )

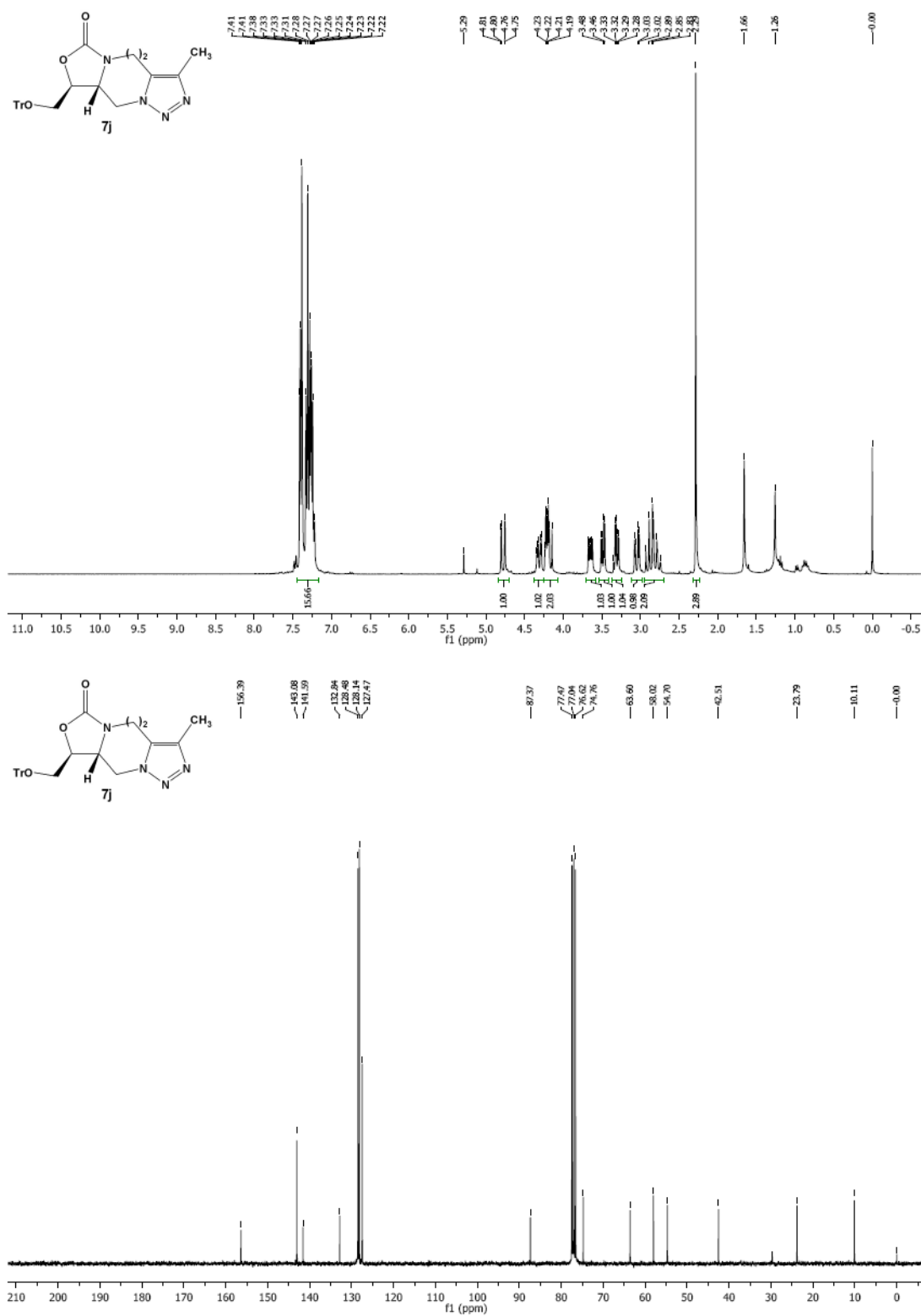


Figure 30.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7k** ( $\text{CDCl}_3$ )

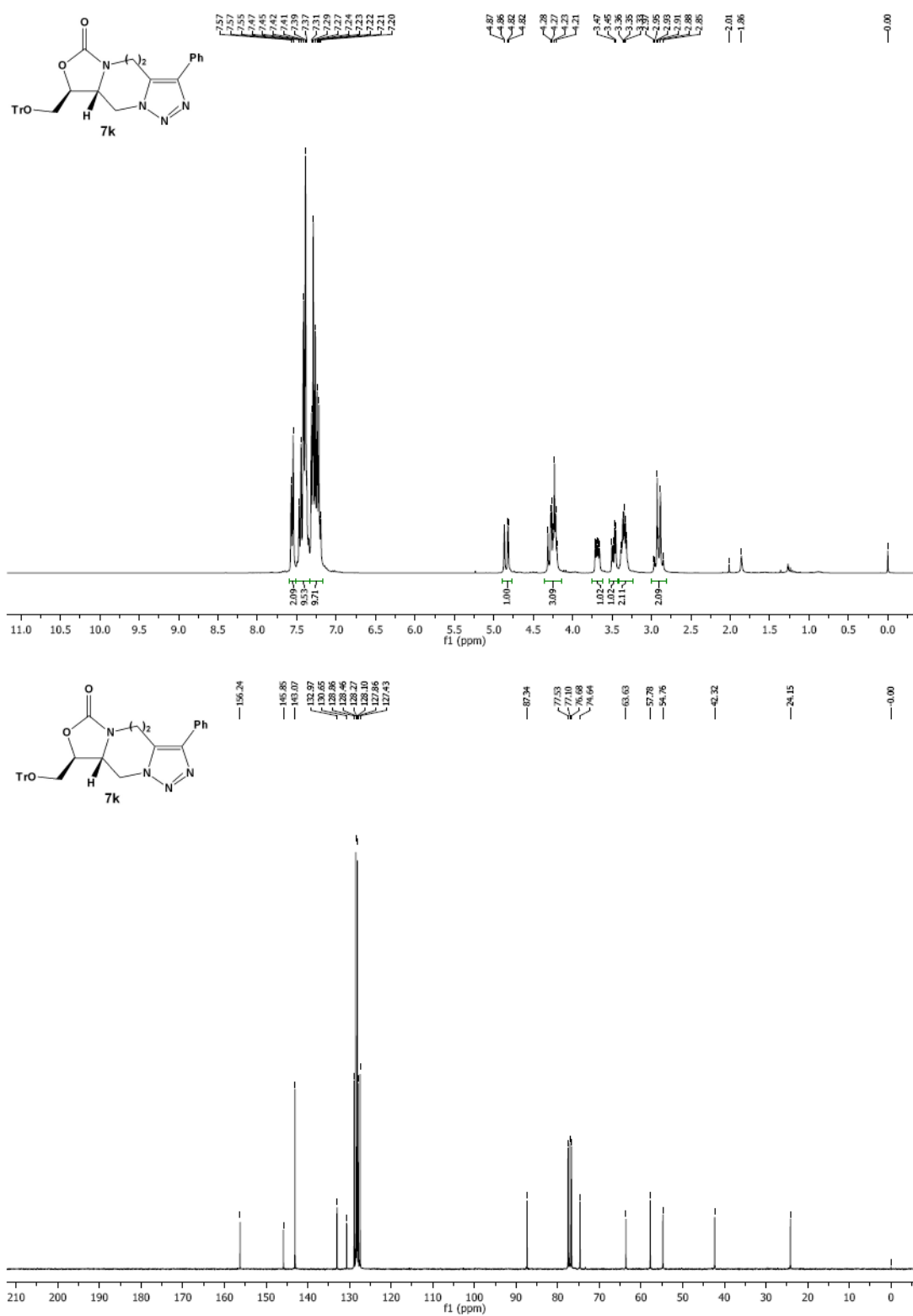




Figure 31.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **71** ( $\text{CDCl}_3$ )

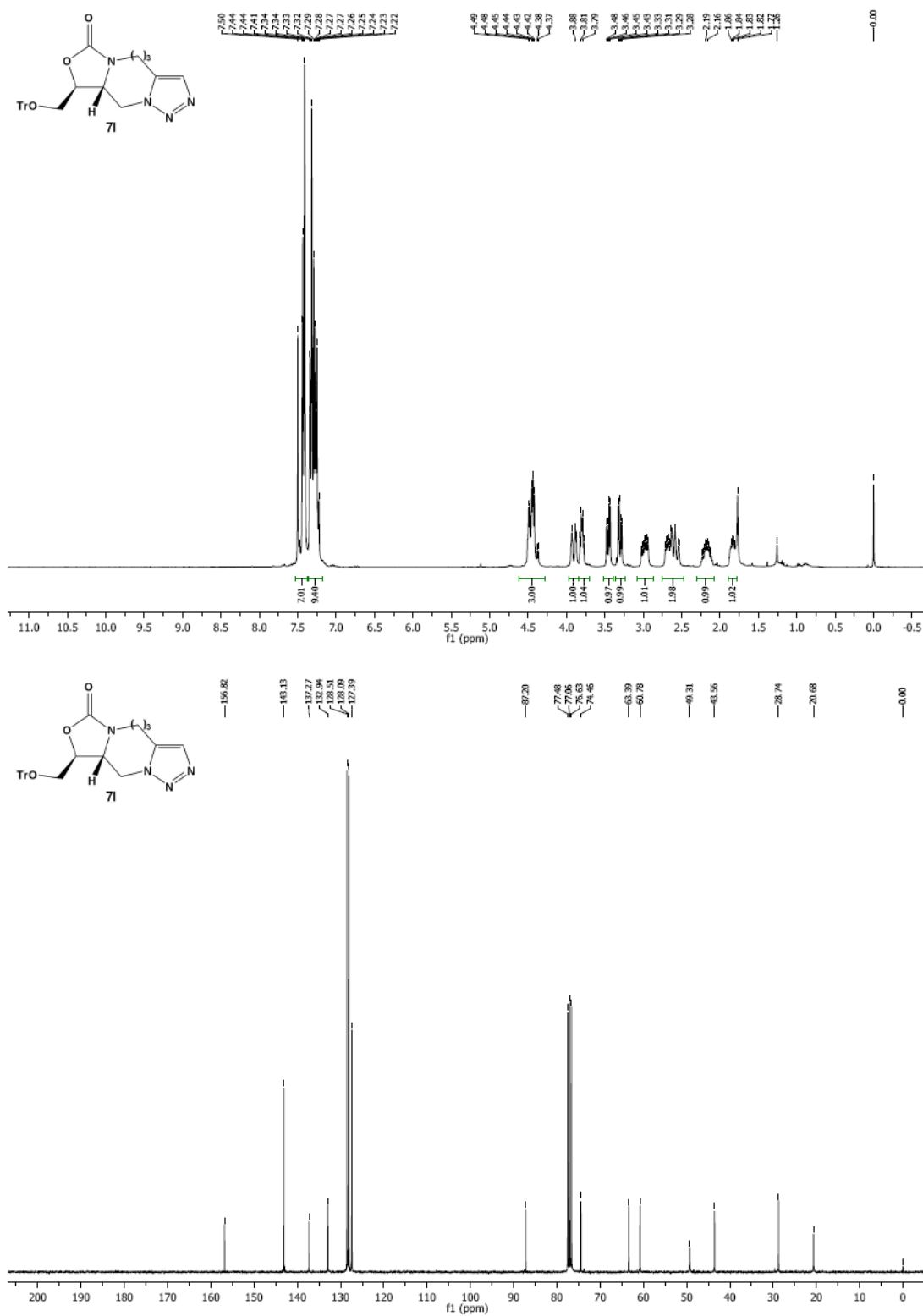


Figure 32.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7m** ( $\text{CDCl}_3$ )

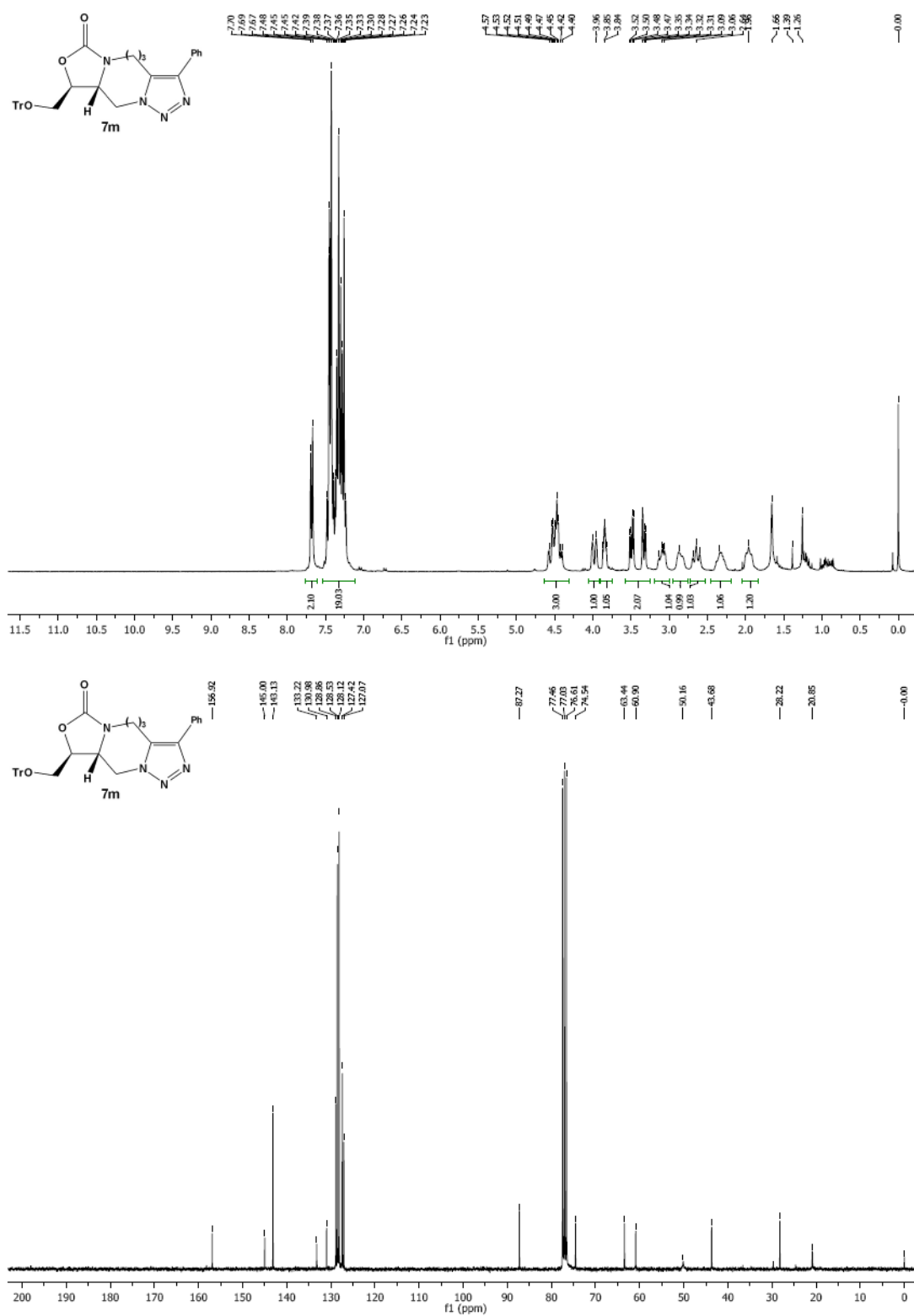


Figure 33.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7n** ( $\text{CDCl}_3$ )

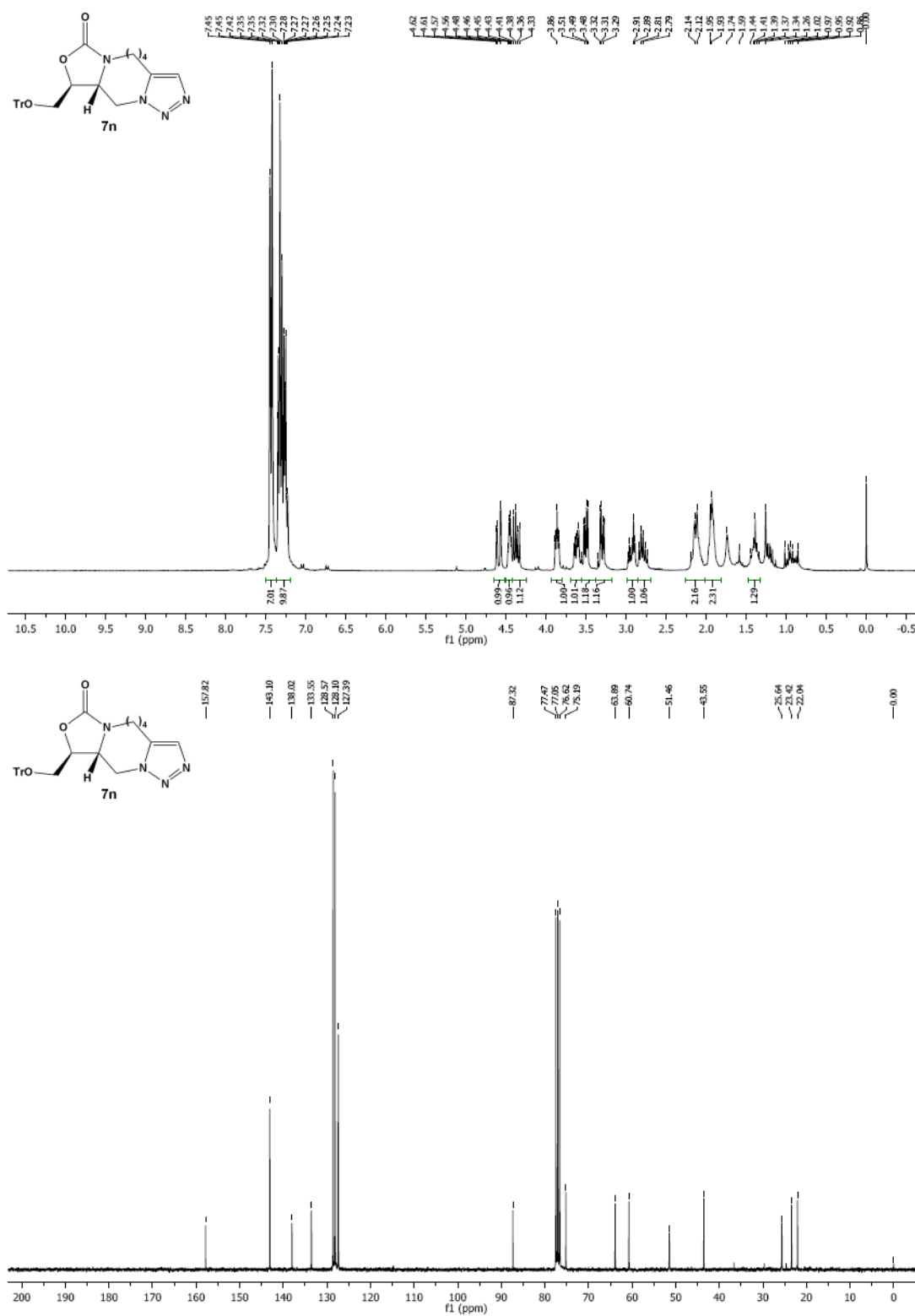


Figure 34.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7o** ( $\text{CDCl}_3$ )

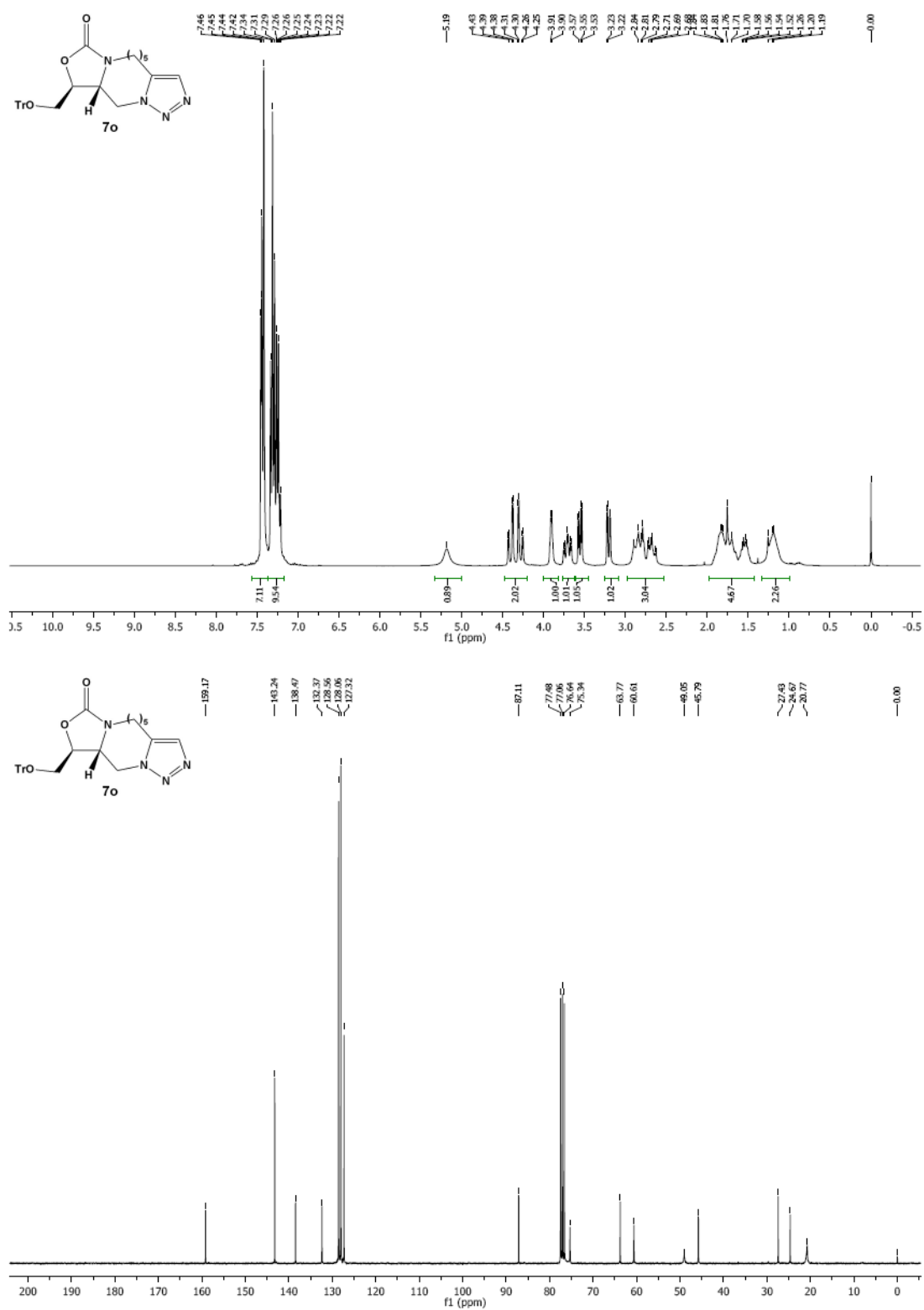


Figure 35.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7p** ( $\text{CDCl}_3$ )

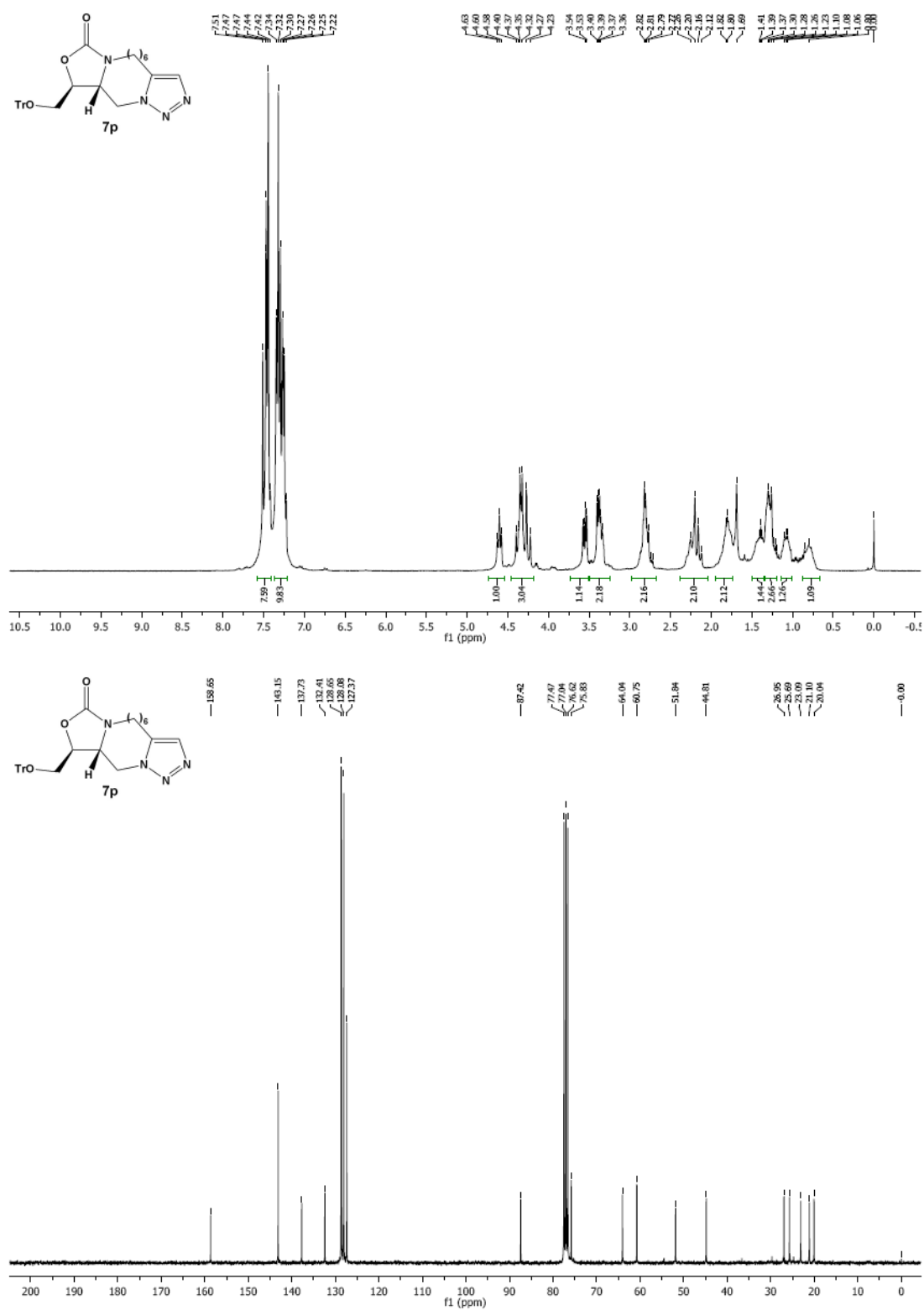


Figure 36.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **7q** ( $\text{CDCl}_3$ )

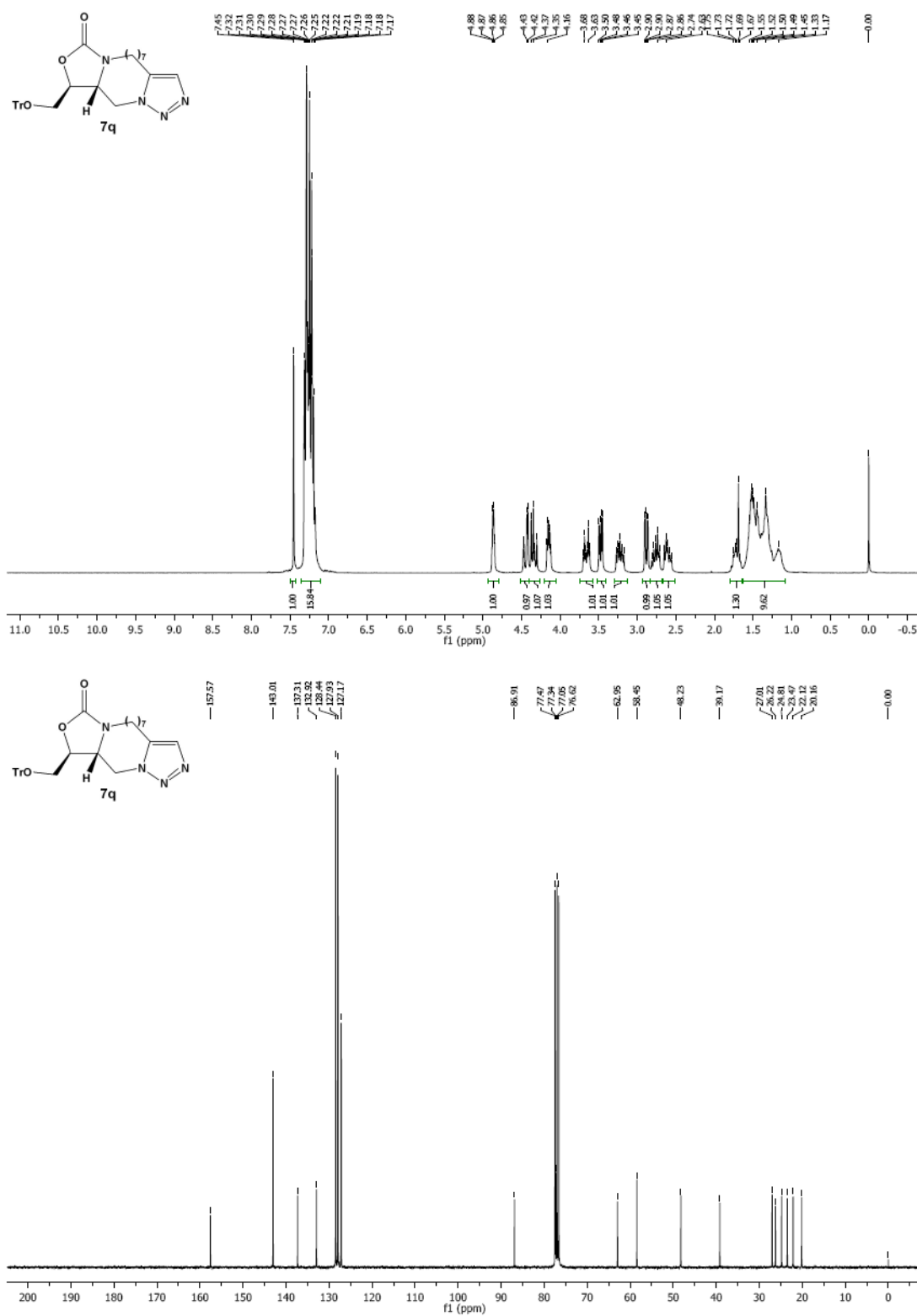


Figure 37.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **14q** ( $\text{CDCl}_3$ )

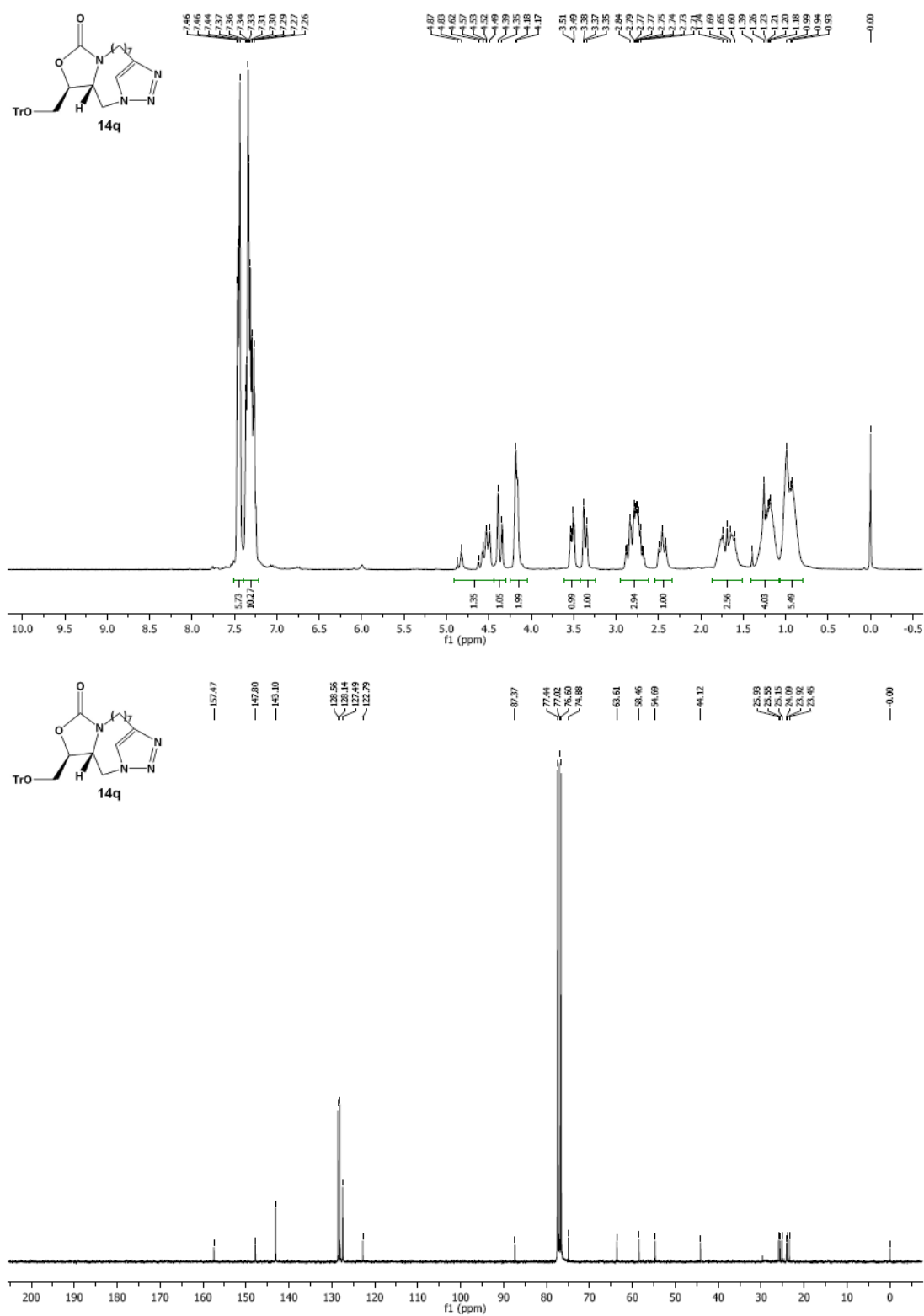


Figure 38.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **15a** ( $\text{CDCl}_3$ )

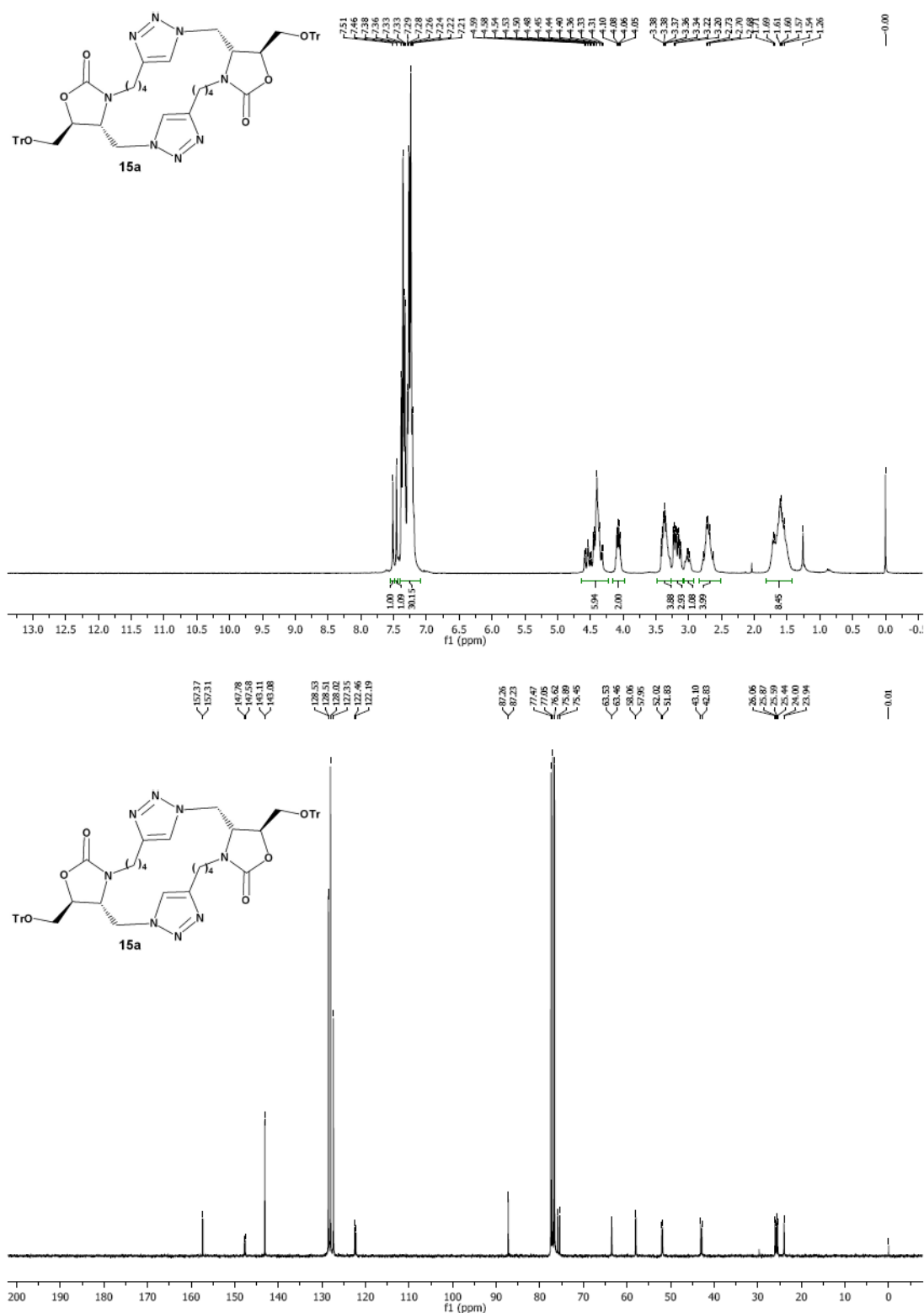




Figure 39.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **15b** ( $\text{CDCl}_3$ )

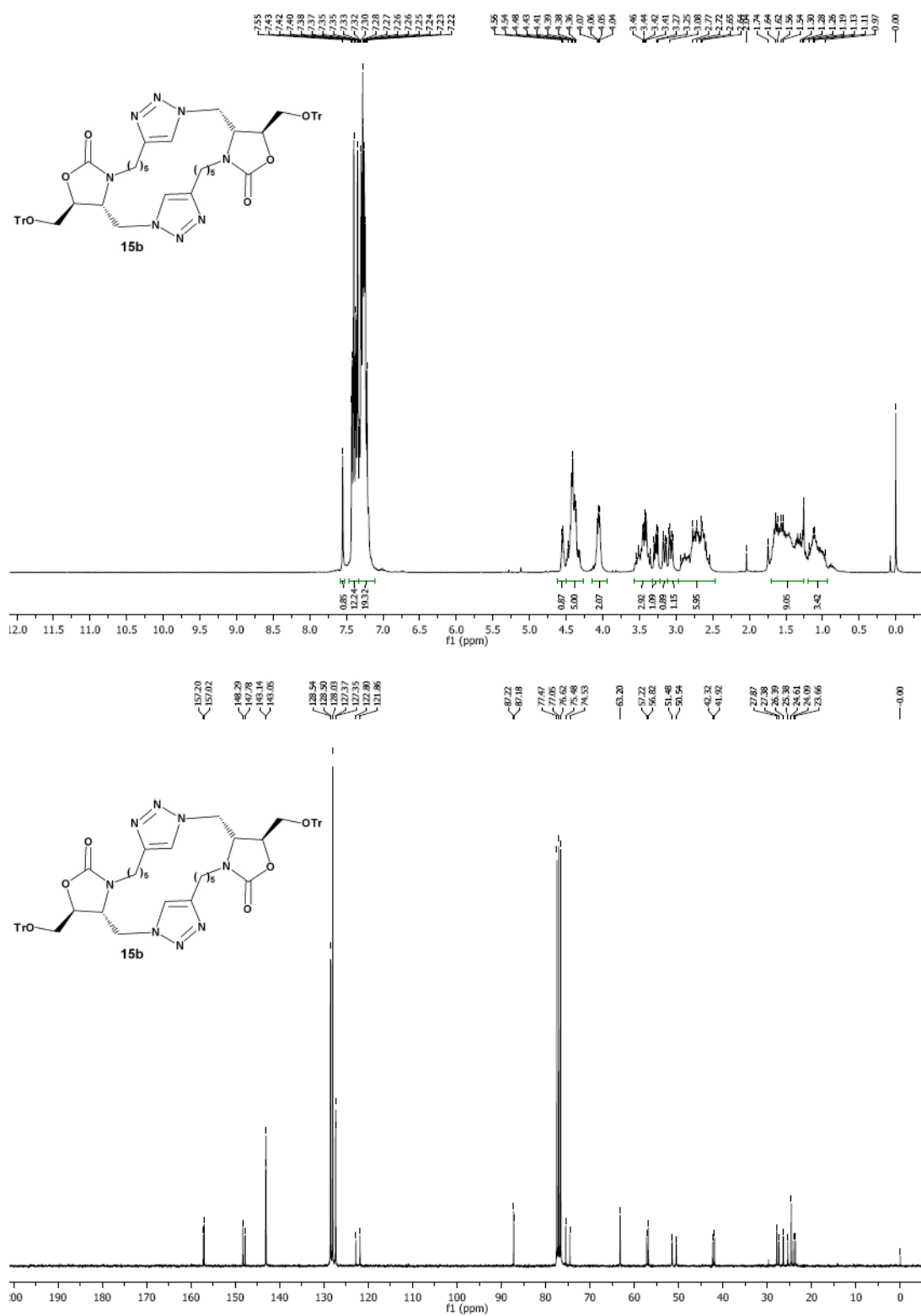


Figure 40.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **15c** ( $\text{CDCl}_3$ )

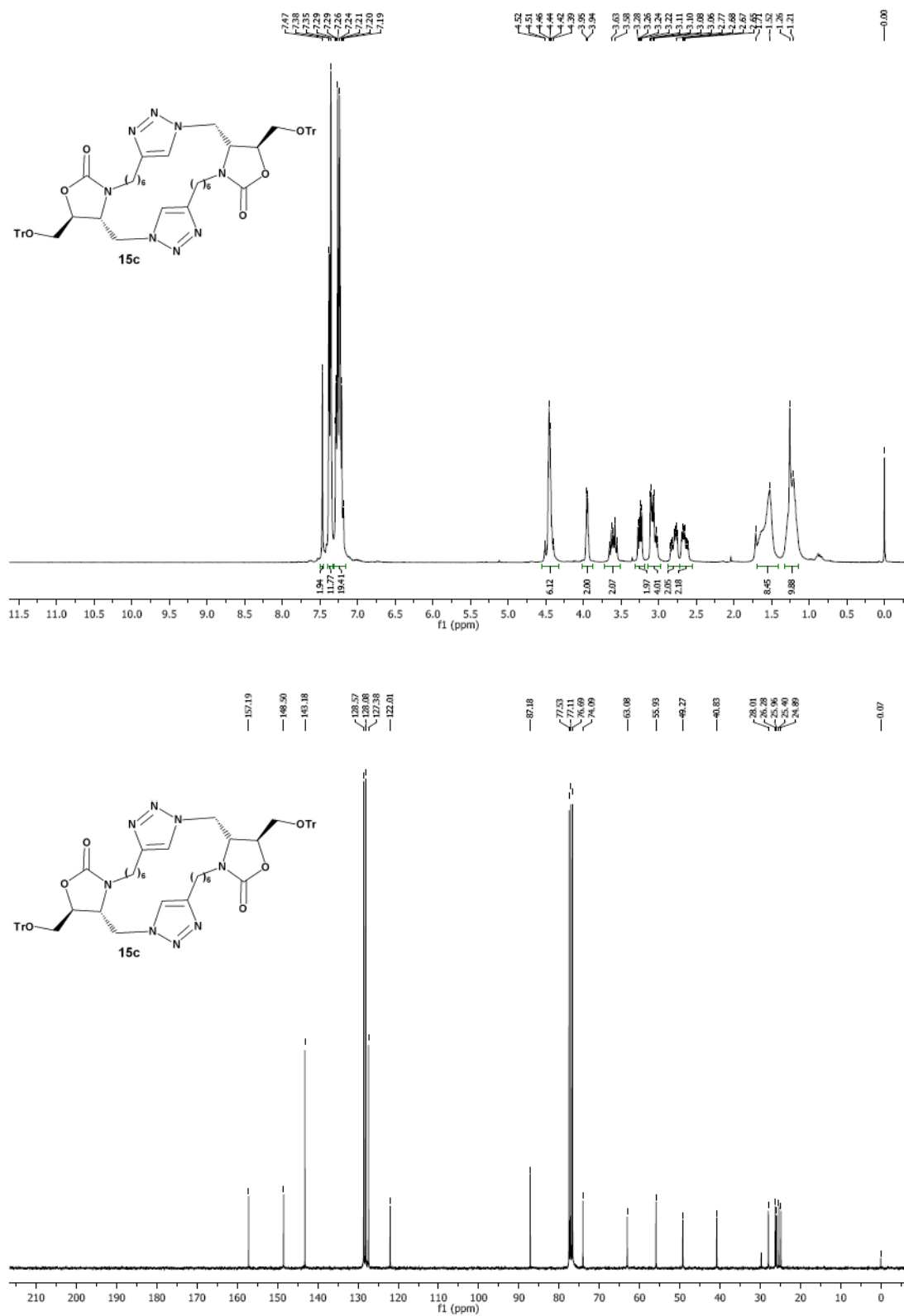


Figure 41.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **15d** ( $\text{CDCl}_3$ )

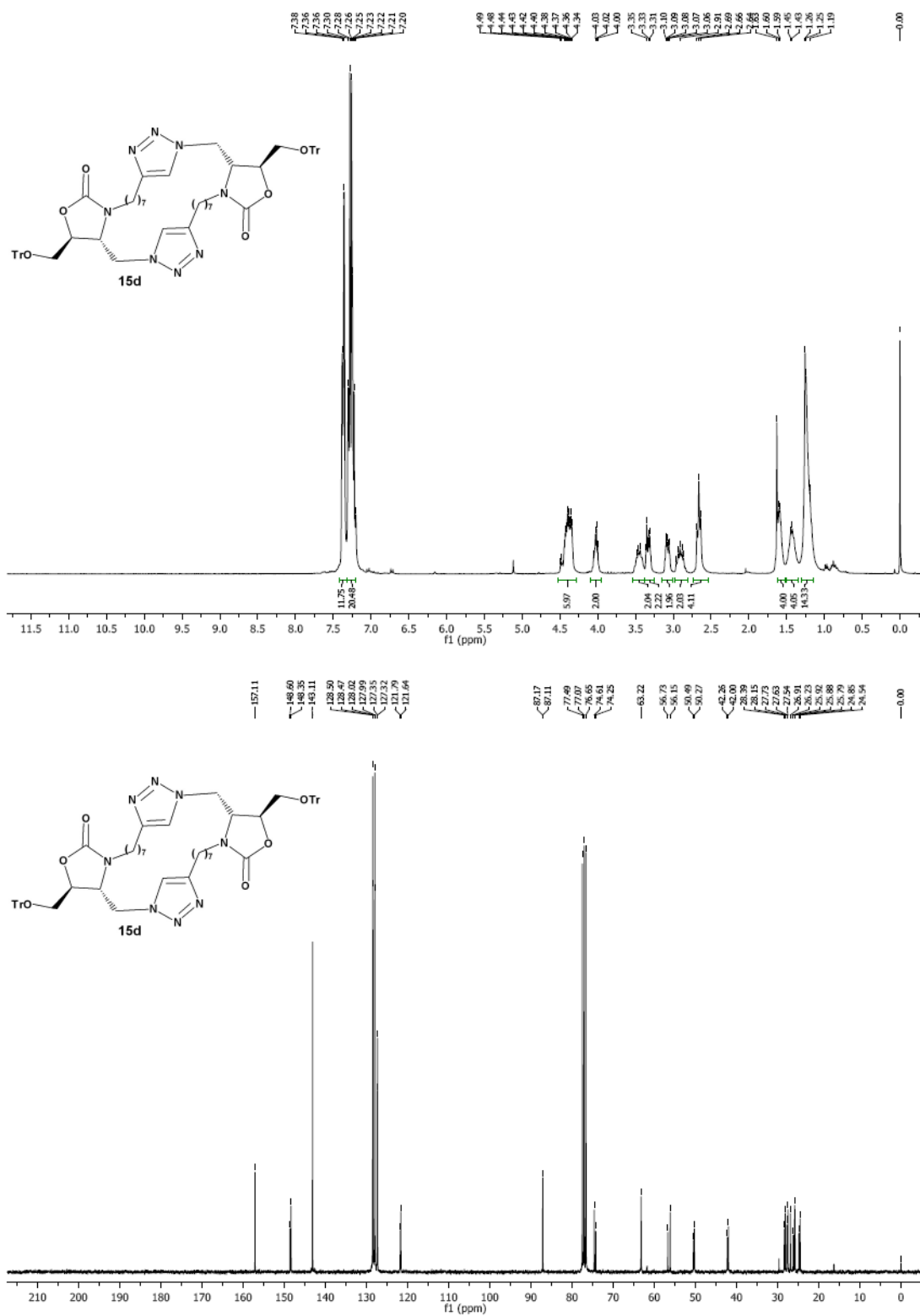


Figure 42.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8a** ( $\text{CDCl}_3$ )

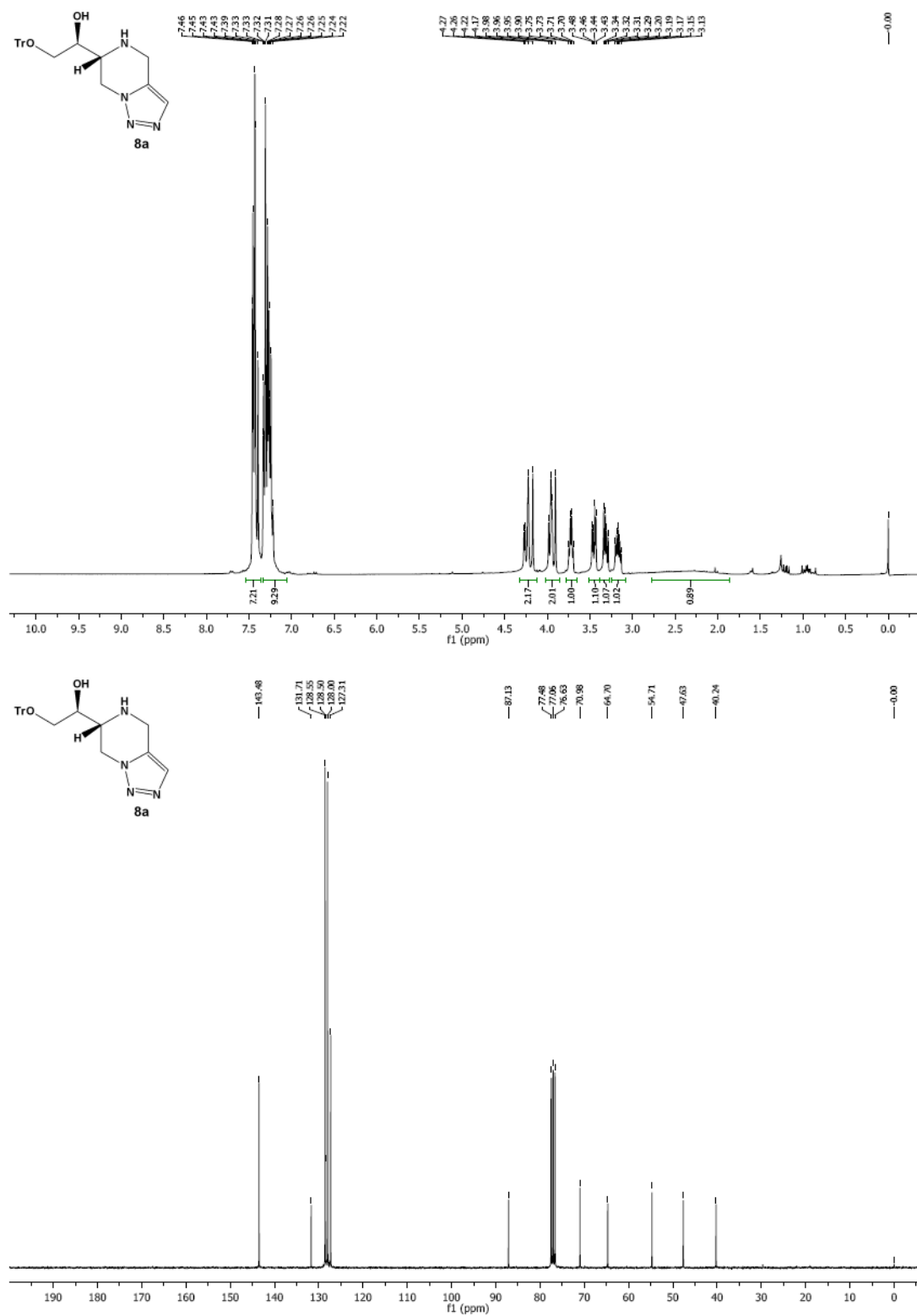


Figure 43.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8c** ( $\text{CDCl}_3$ )

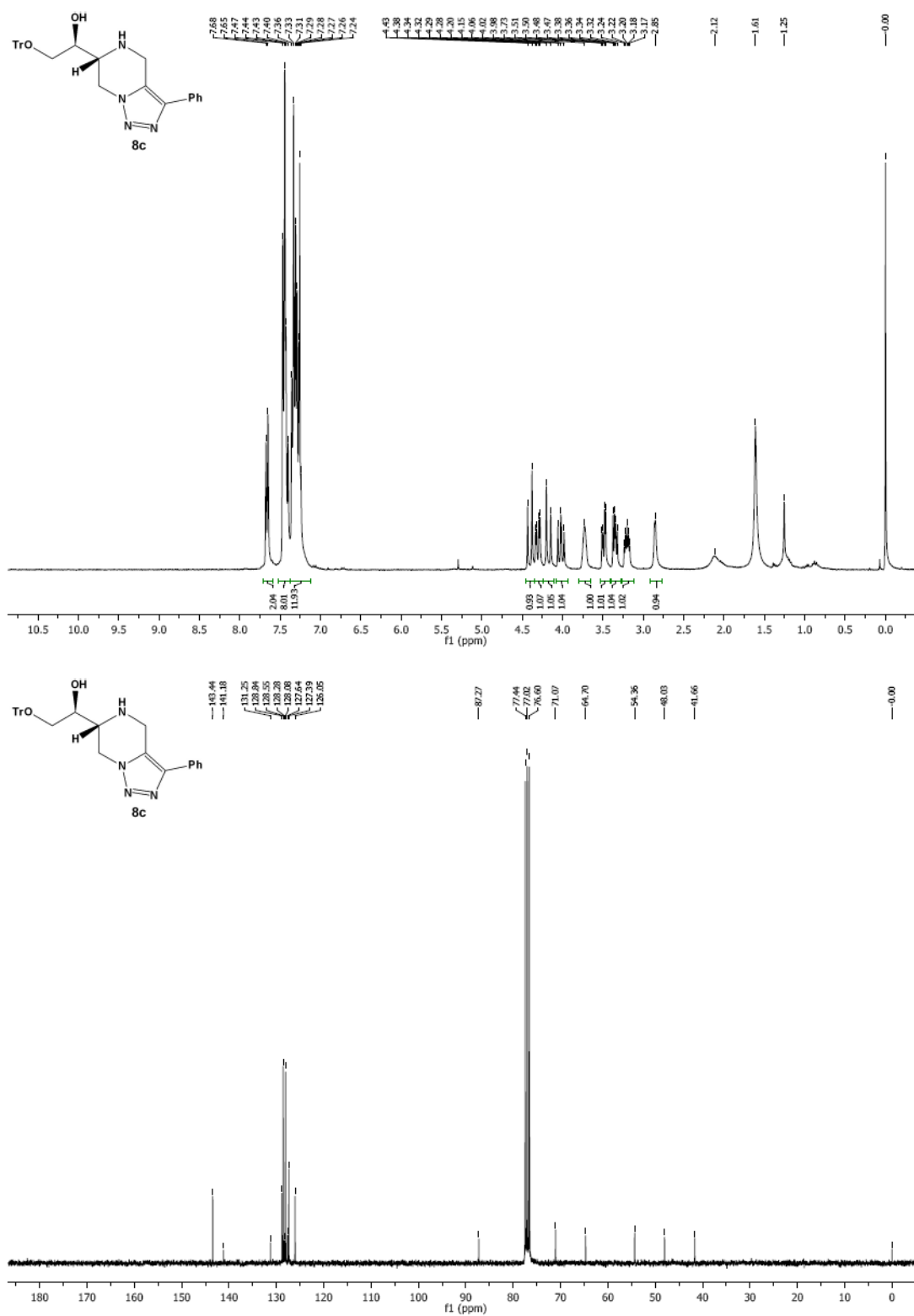


Figure 44.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8i** ( $\text{CDCl}_3$ )

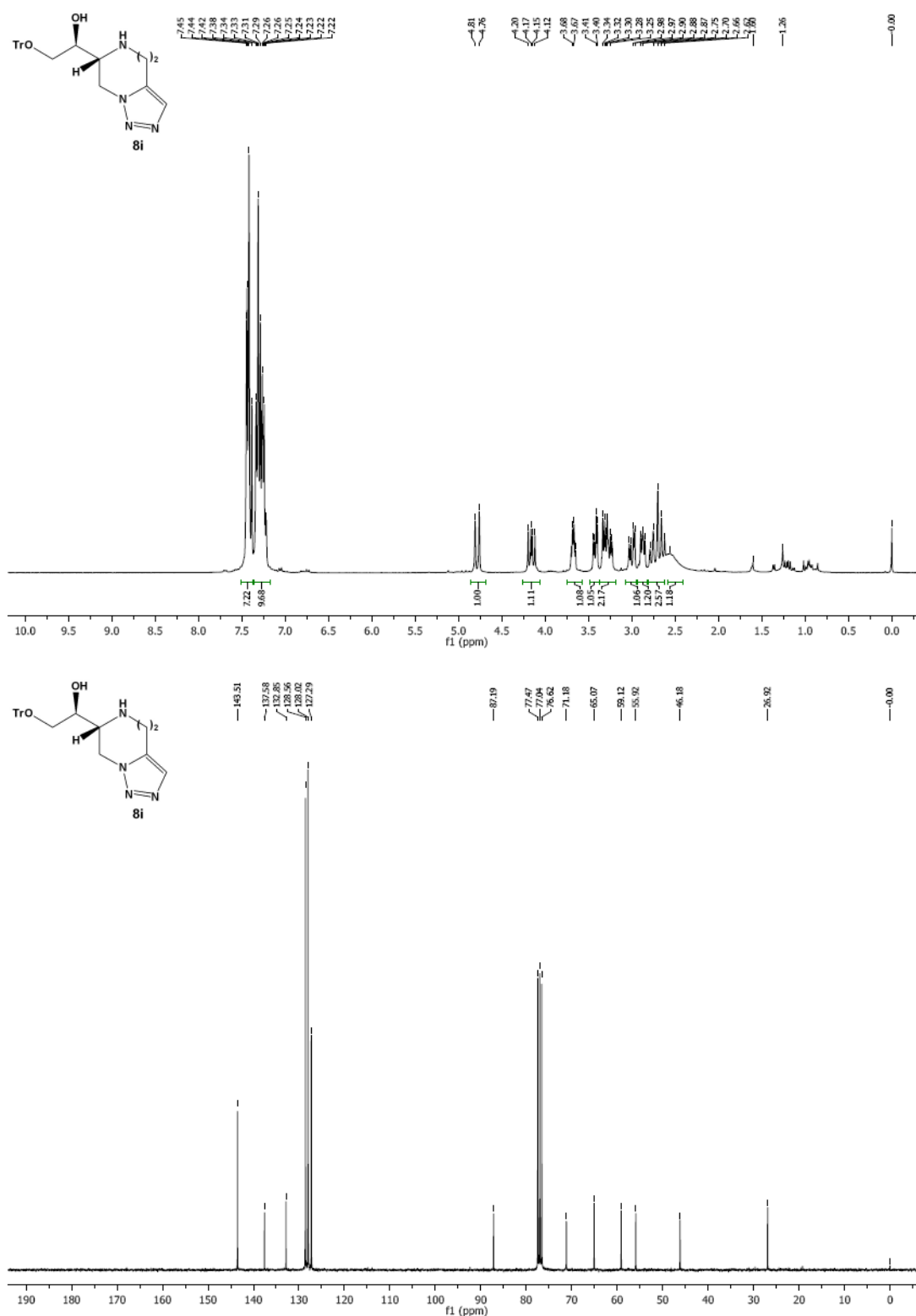


Figure 45.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8k** ( $\text{CDCl}_3$ )

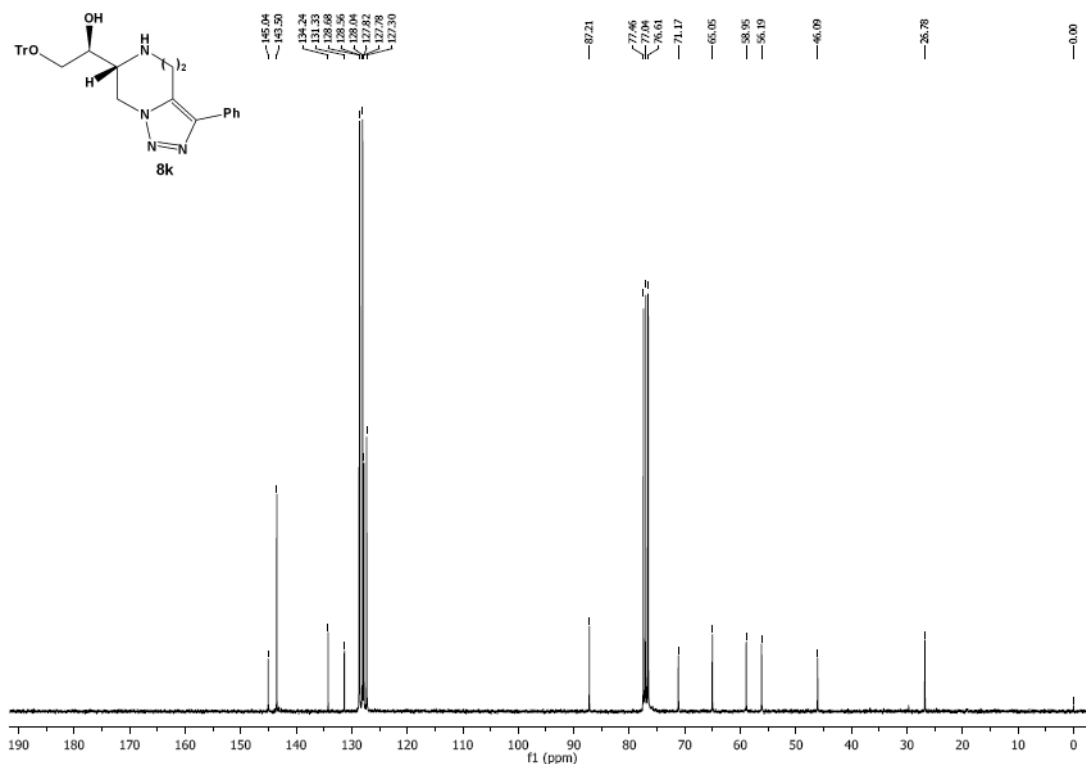
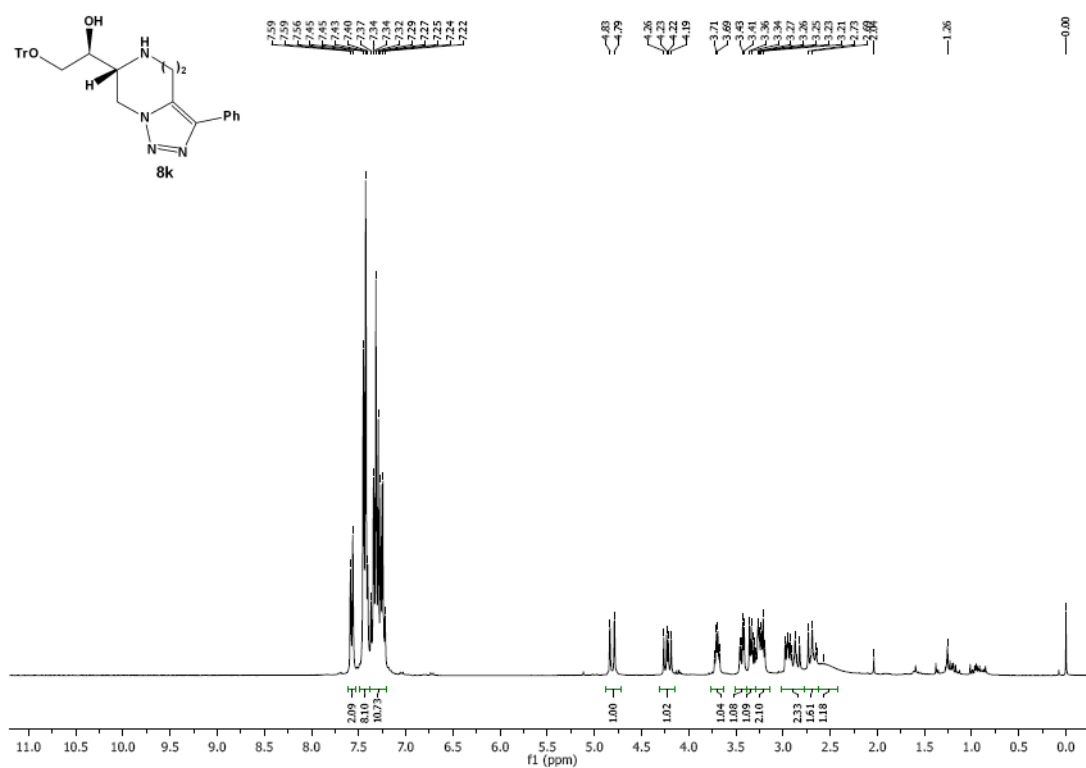


Figure 46.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **81** ( $\text{CDCl}_3$ )

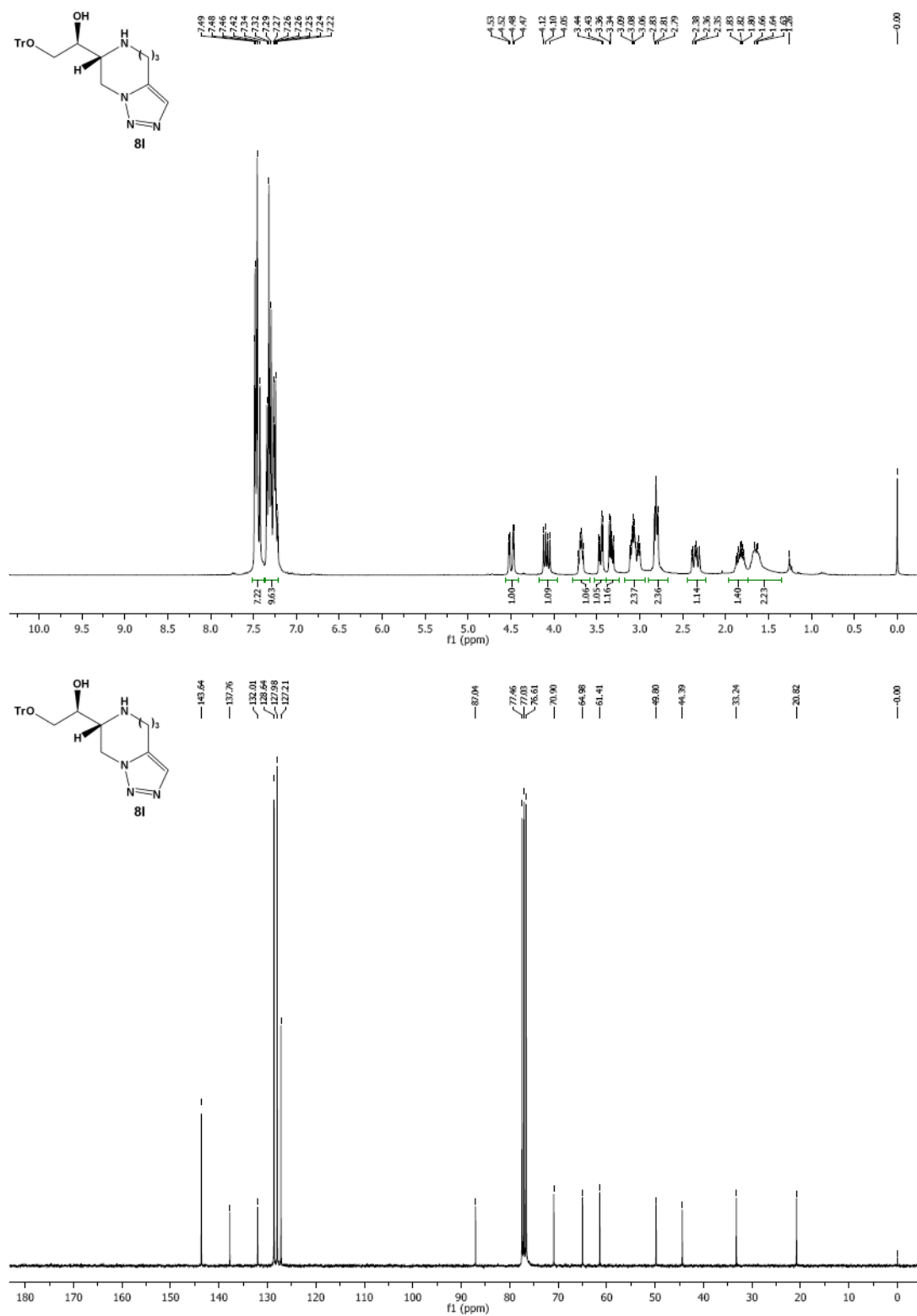




Figure 47.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8m** ( $\text{CDCl}_3$ )

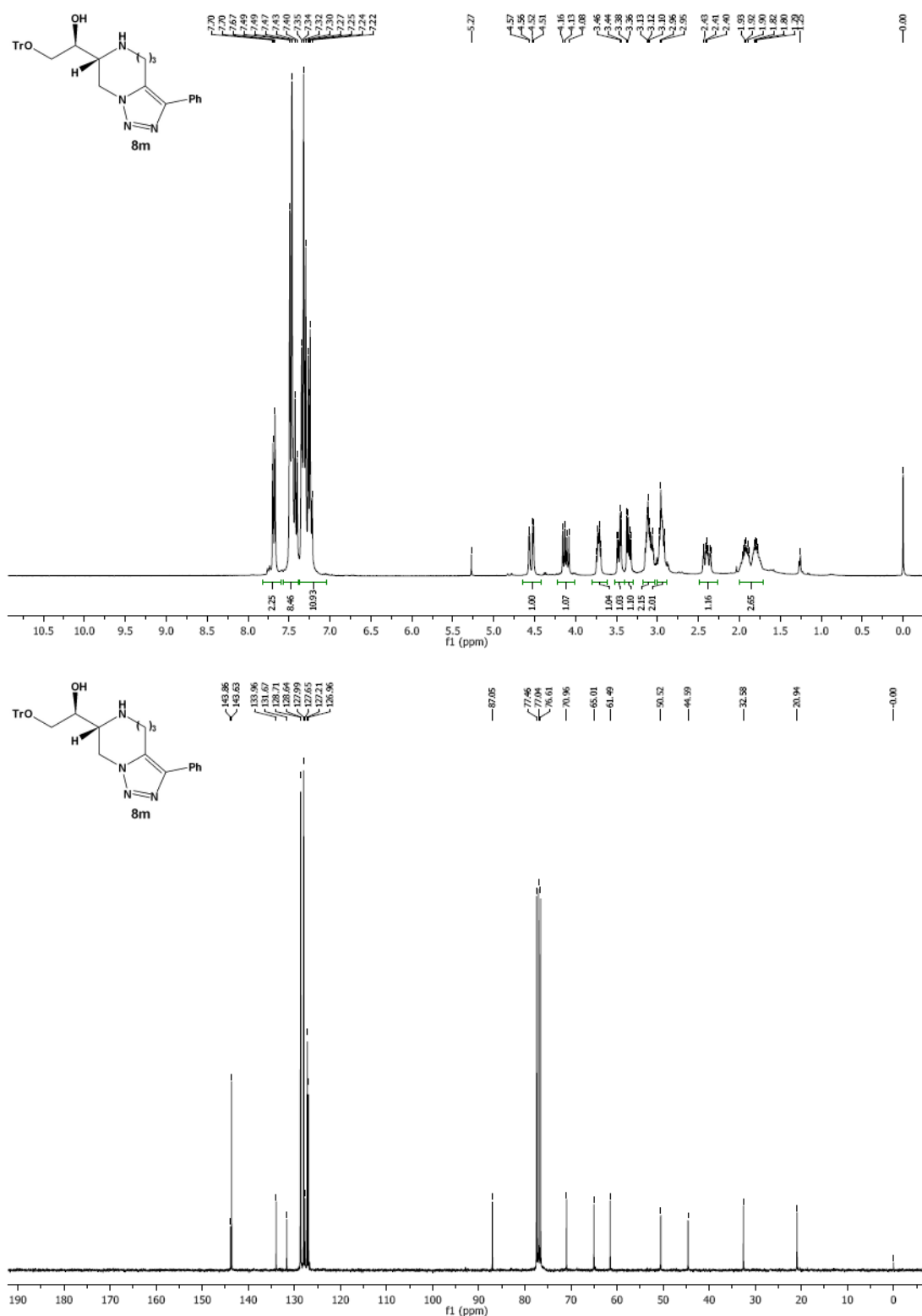


Figure 48.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8n** ( $\text{CDCl}_3$ )

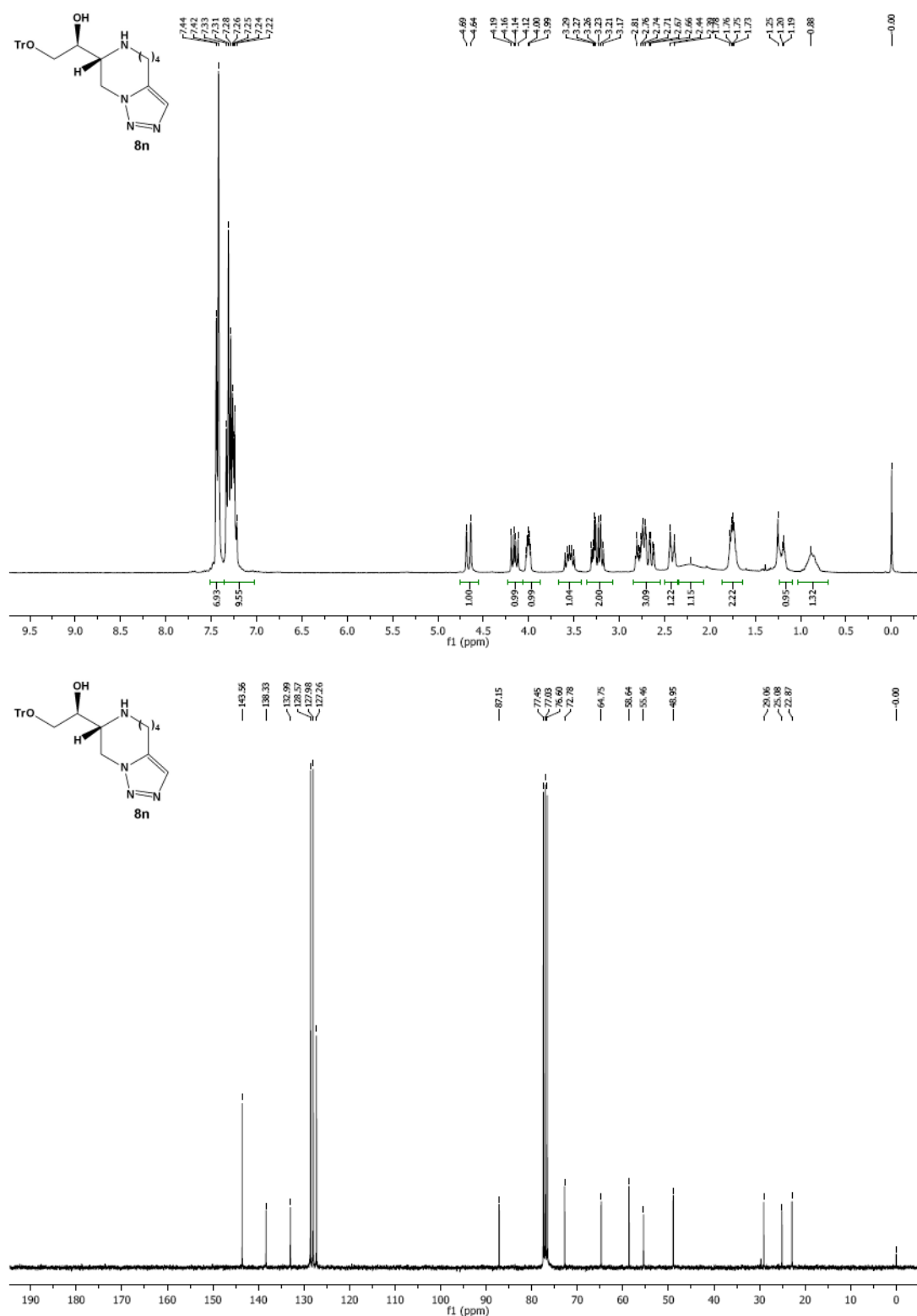


Figure 49.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8o** ( $\text{CDCl}_3$ )

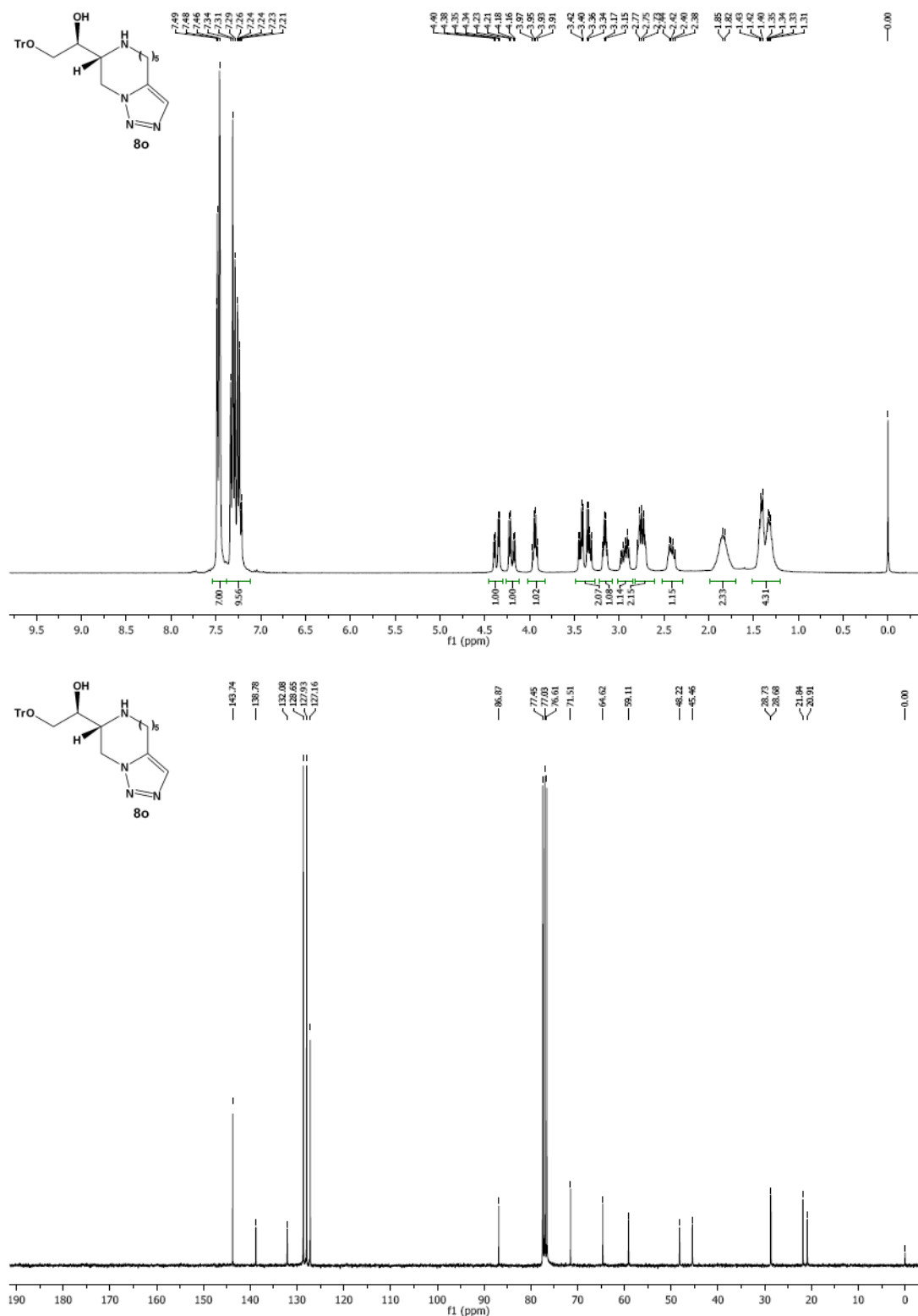


Figure 50.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8p** ( $\text{CDCl}_3$ )

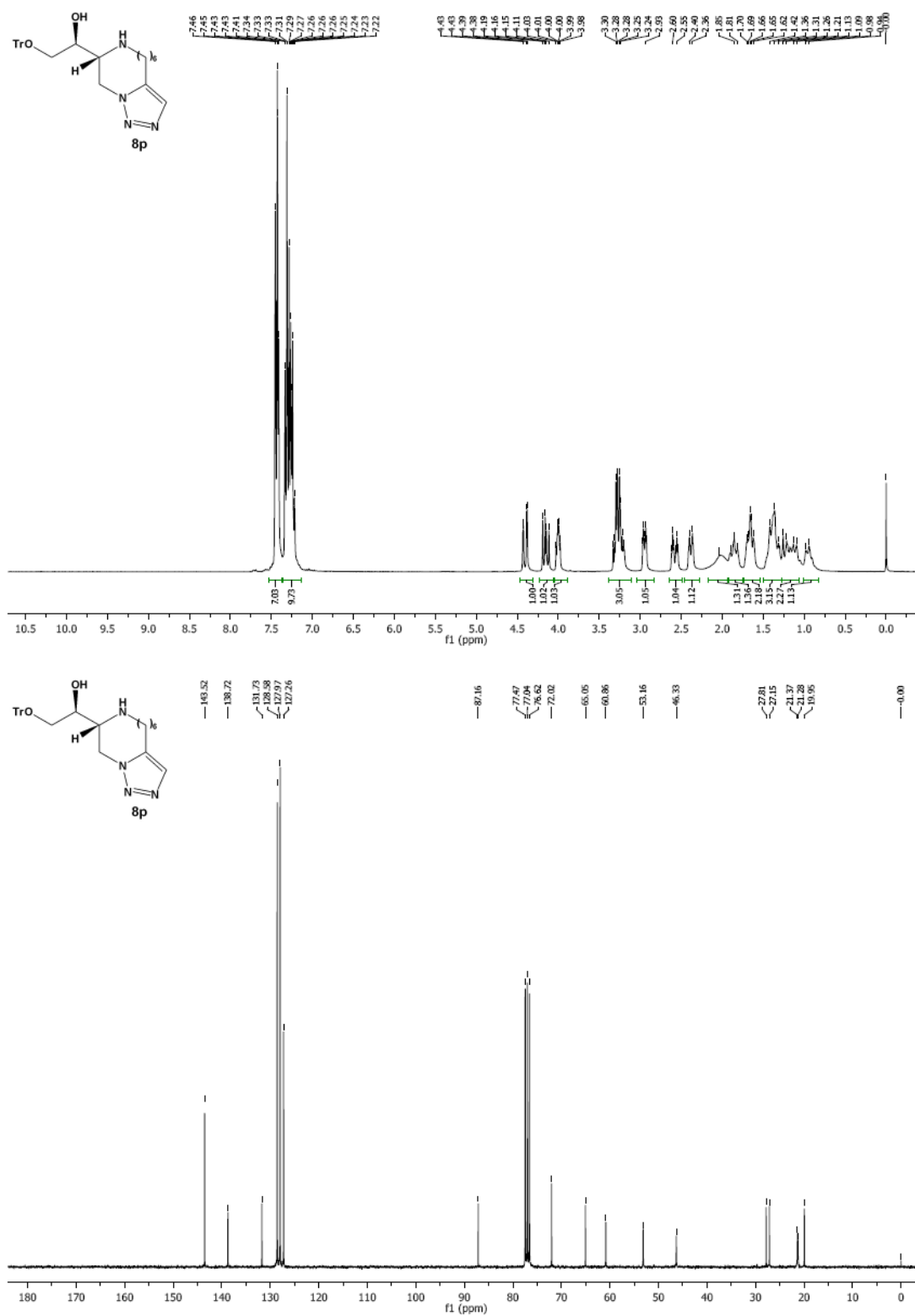


Figure S1.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra for compound **8q** ( $\text{CDCl}_3$ )

