

Further studies on the pyrolytic domino cyclization of stabilized phosphonium ylides bearing an *ortho*-aminophenyl group

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Supplementary Material

¹ H NMR and DEPTQ ¹³ C NMR spectra of 31	Figure S1, S2
¹ H NMR and DEPTQ ¹³ C NMR spectra of 32	S3, S4
¹ H NMR spectrum of 33	S5
¹ H NMR and DEPTQ ¹³ C NMR spectra of 34	S6, S7
¹ H NMR, ³¹ P and ¹³ C NMR spectra of 35	S8–S10
¹ H NMR, ³¹ P and ¹³ C NMR spectra of 36	S11–S13
¹ H NMR, ³¹ P and ¹³ C NMR spectra of 37	S14–S16
¹ H NMR, ³¹ P and ¹³ C NMR spectra of 38	S17–S19
¹ H NMR spectrum of 41	S20
¹ H NMR spectrum of 42	S21
¹ H NMR spectrum of 43	S22
¹ H NMR spectrum of 44	S23
¹ H NMR spectrum of 45	S24
¹ H NMR and DEPTQ ¹³ C NMR spectra of 46	S25, S26
¹ H NMR spectrum of 47	S27

Figure S1. 400 MHz ¹H NMR spectrum of **31**

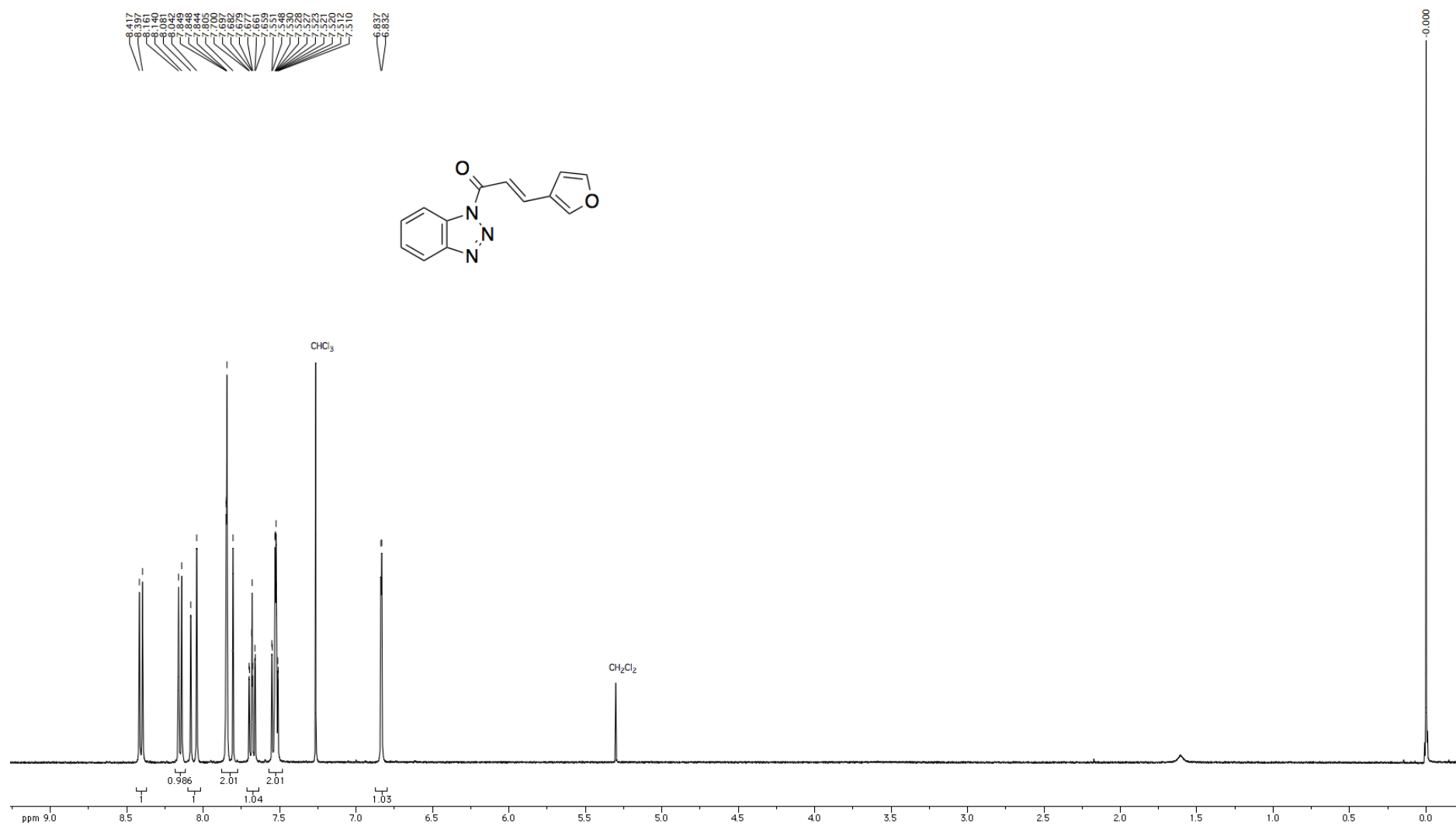


Figure S2. 75 MHz DEPTQ ^{13}C NMR spectrum of **31**

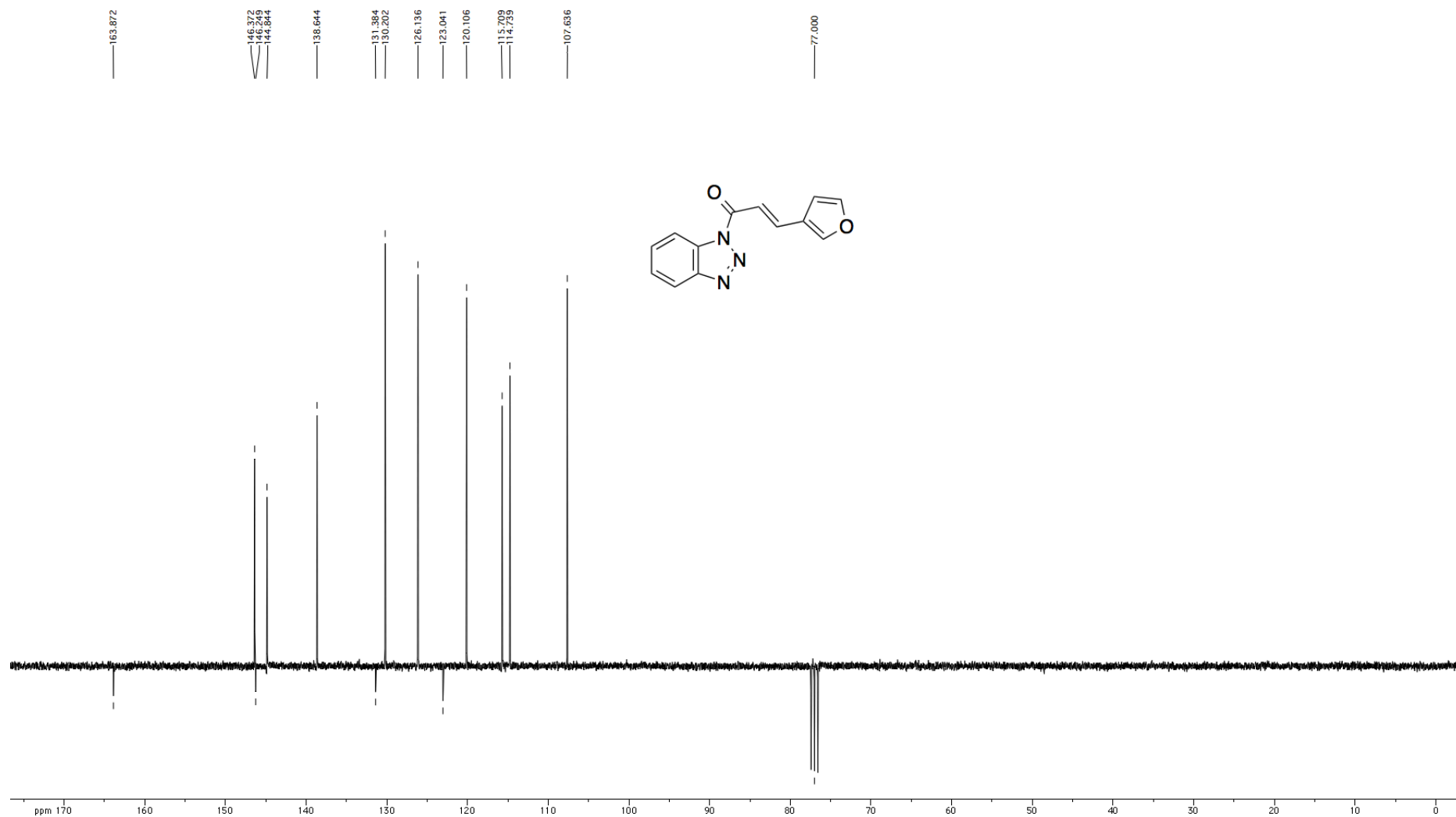


Figure S3. 400 MHz ¹H NMR spectrum of **32**

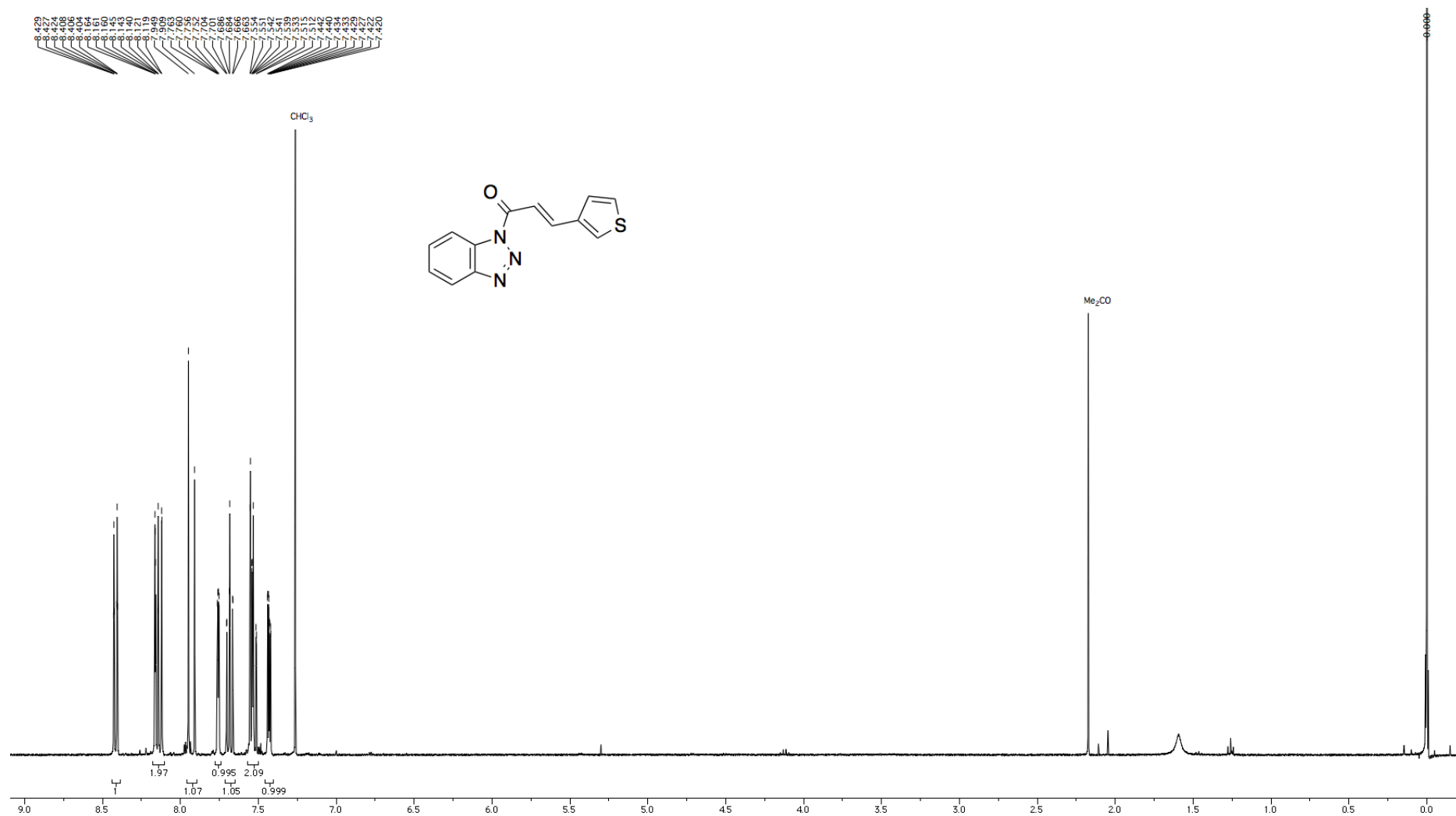


Figure S4. 75 MHz DEPTQ ^{13}C NMR spectrum of **32**

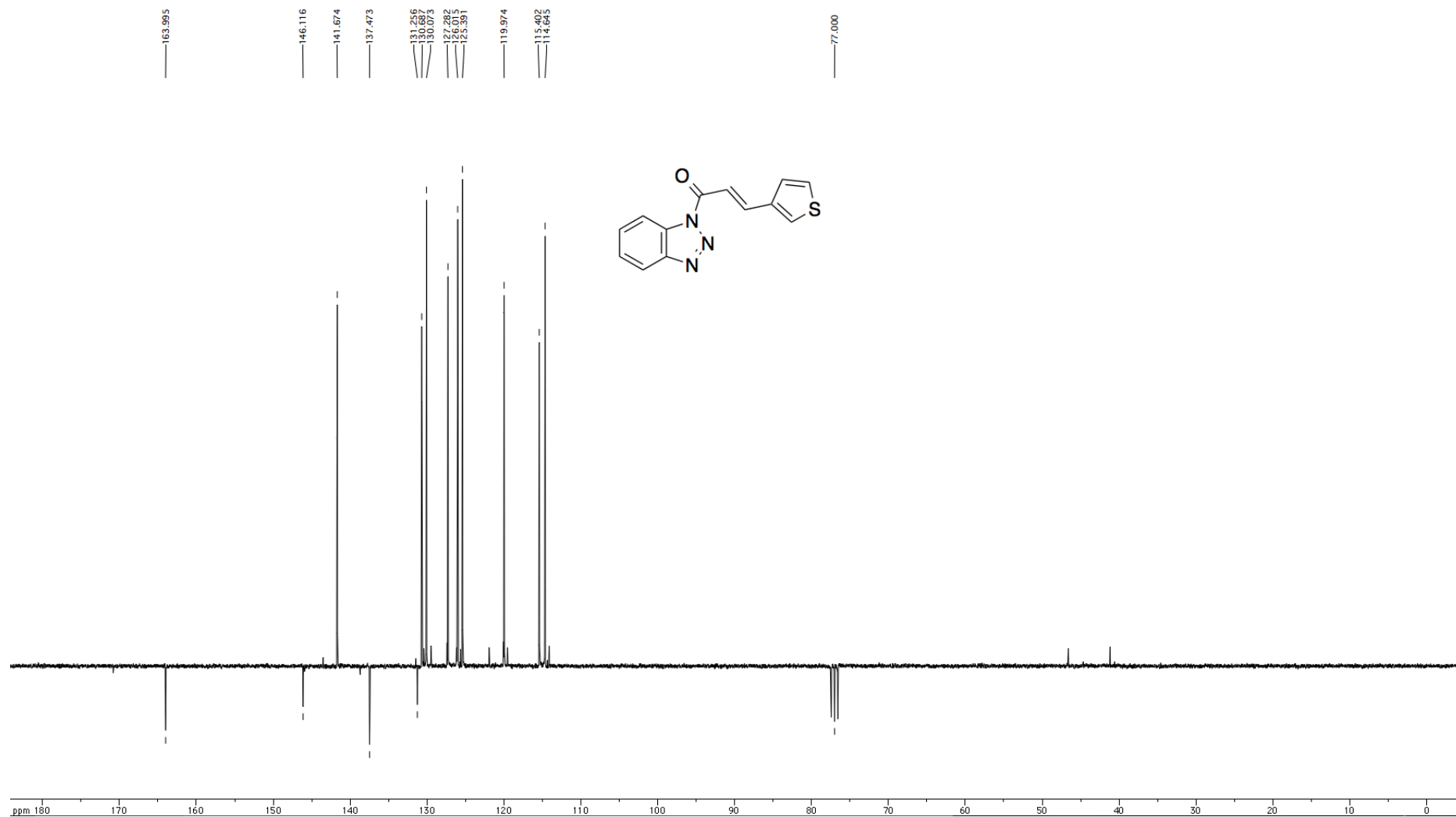


Figure S5. 300 MHz ^1H NMR spectrum of **33**

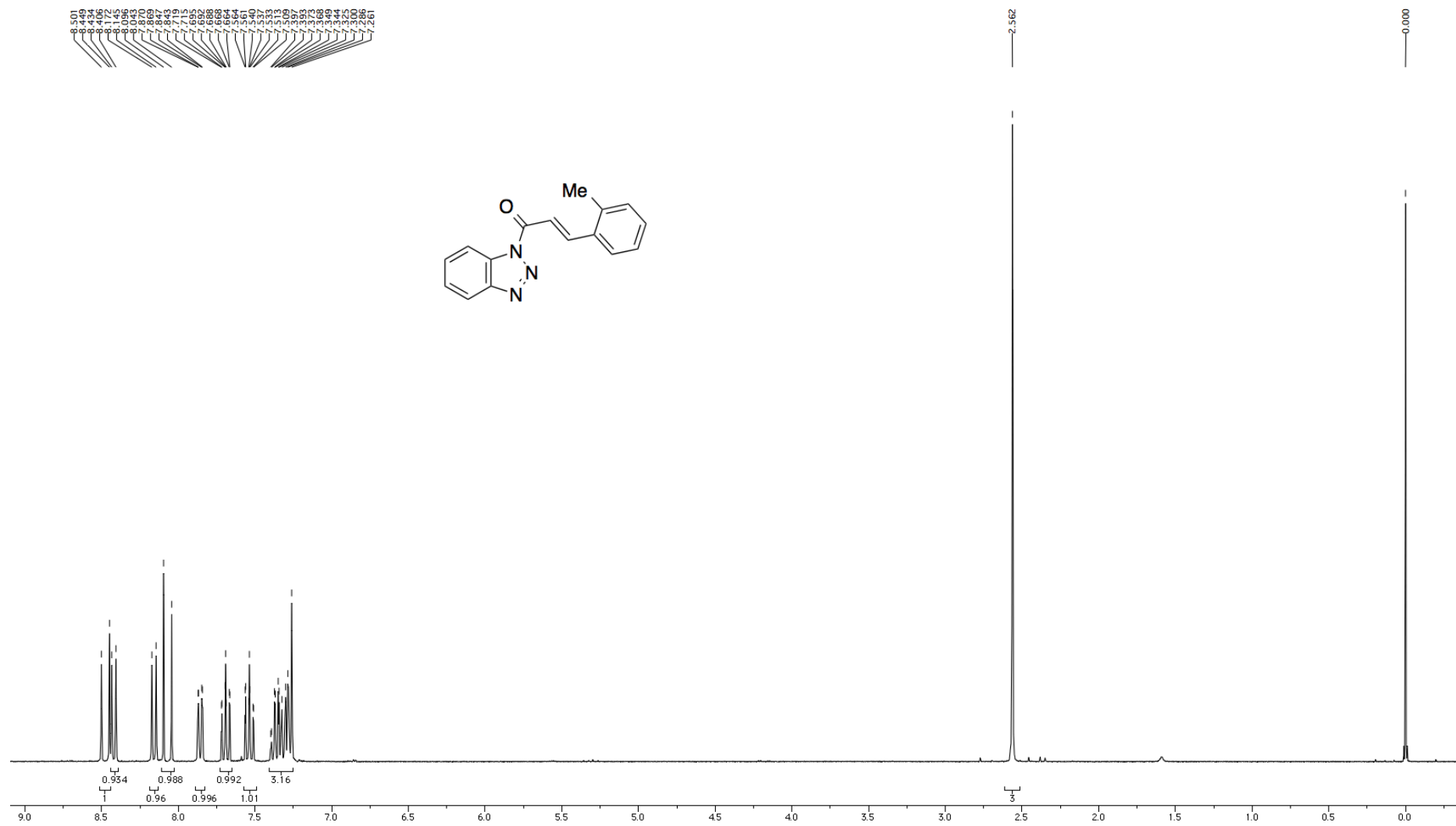


Figure S6. 300 MHz ^1H NMR spectrum of **34**

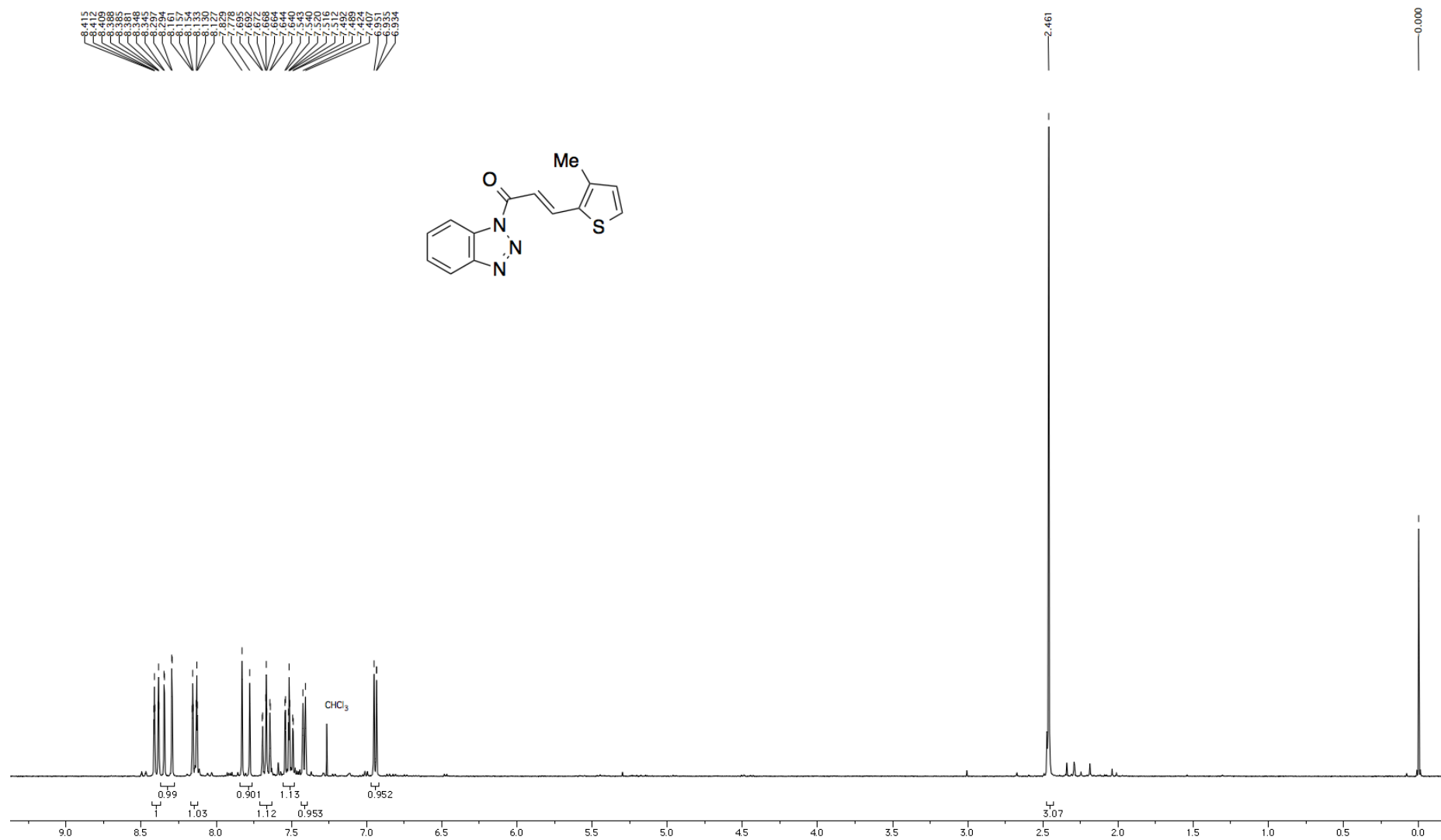


Figure S7. 75 MHz DEPTQ ^{13}C NMR spectrum of **34**

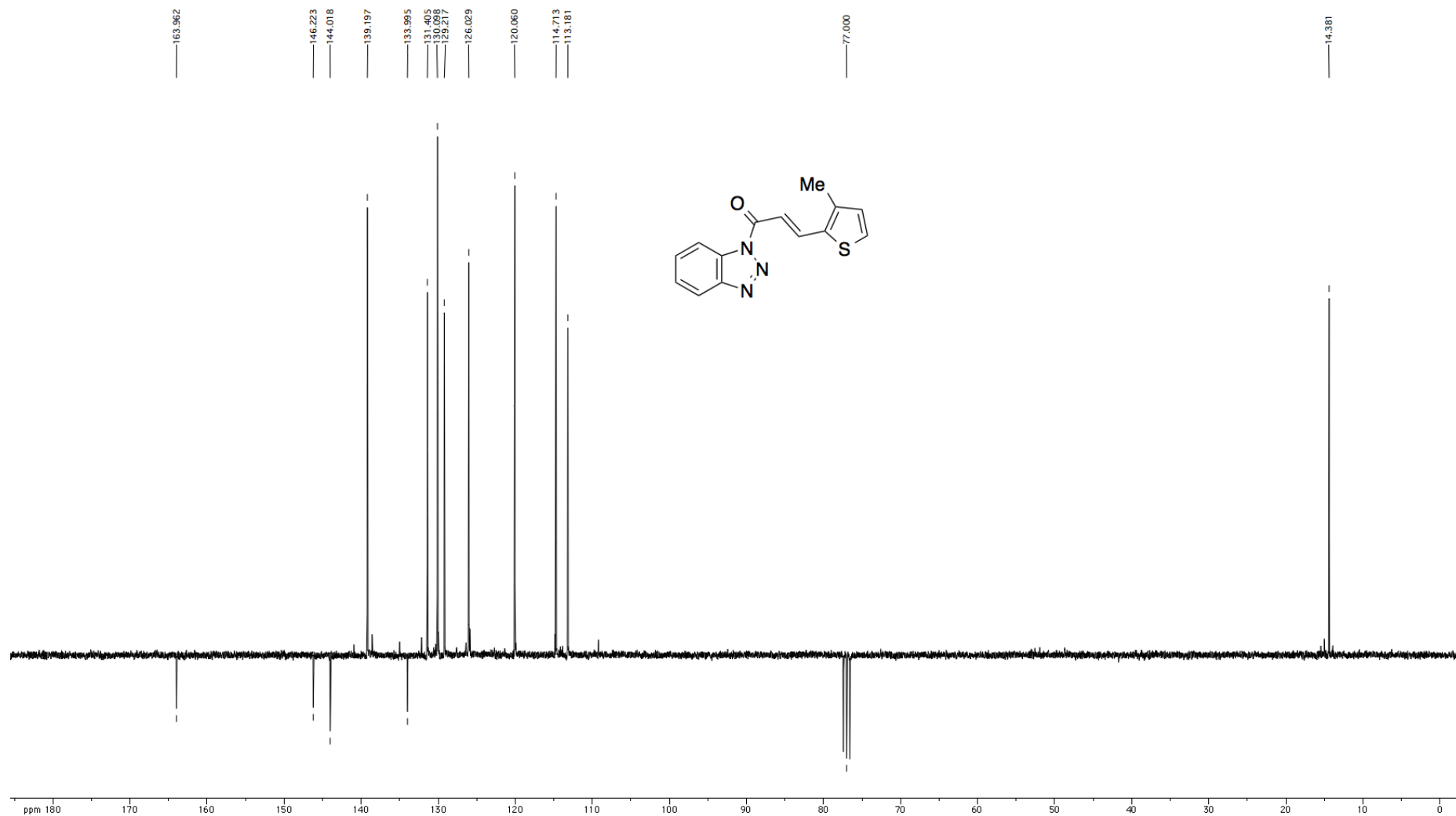


Figure S8. 300 MHz ¹H NMR spectrum of **35**

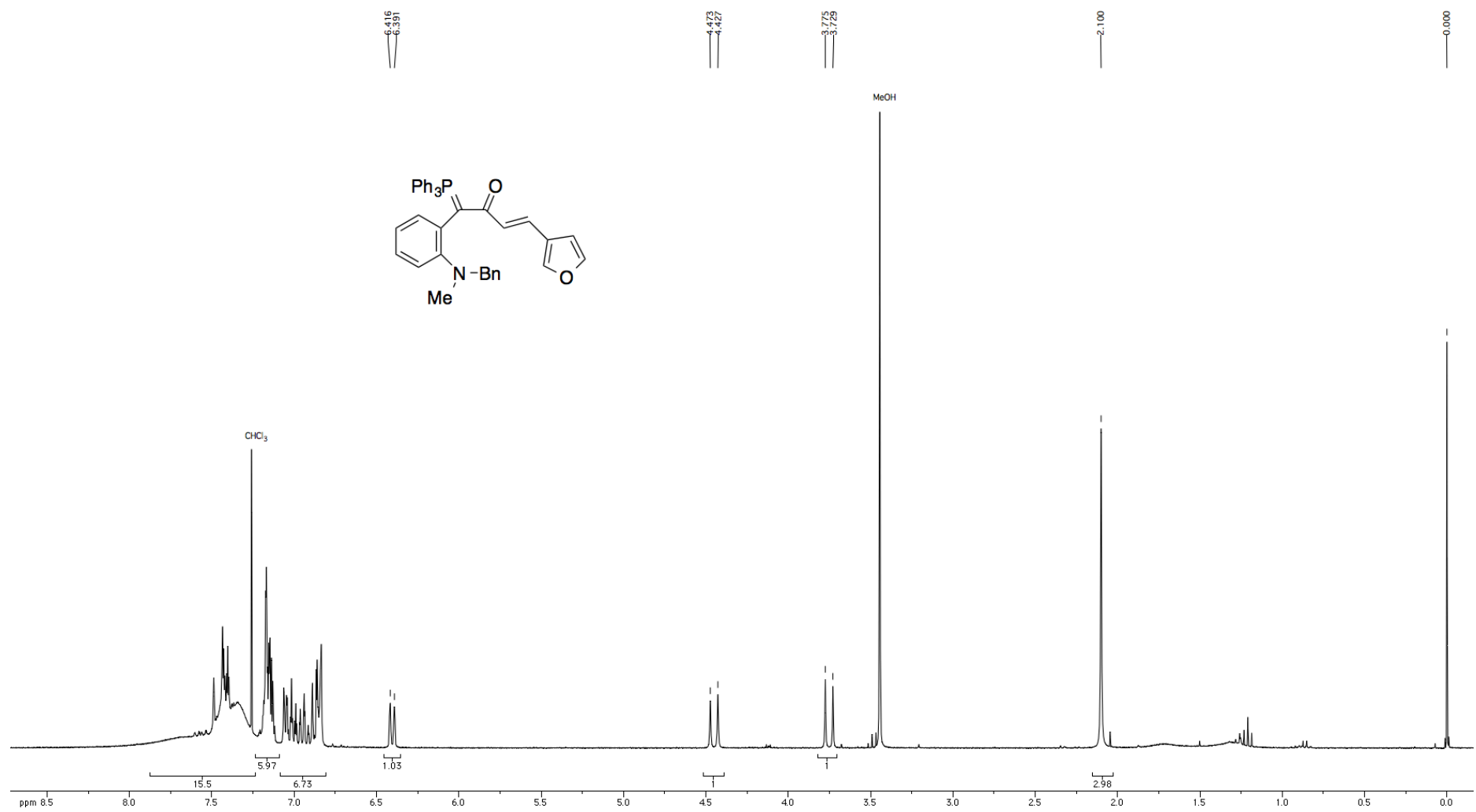


Figure S9. 121 MHz ^{31}P NMR spectrum of **35**

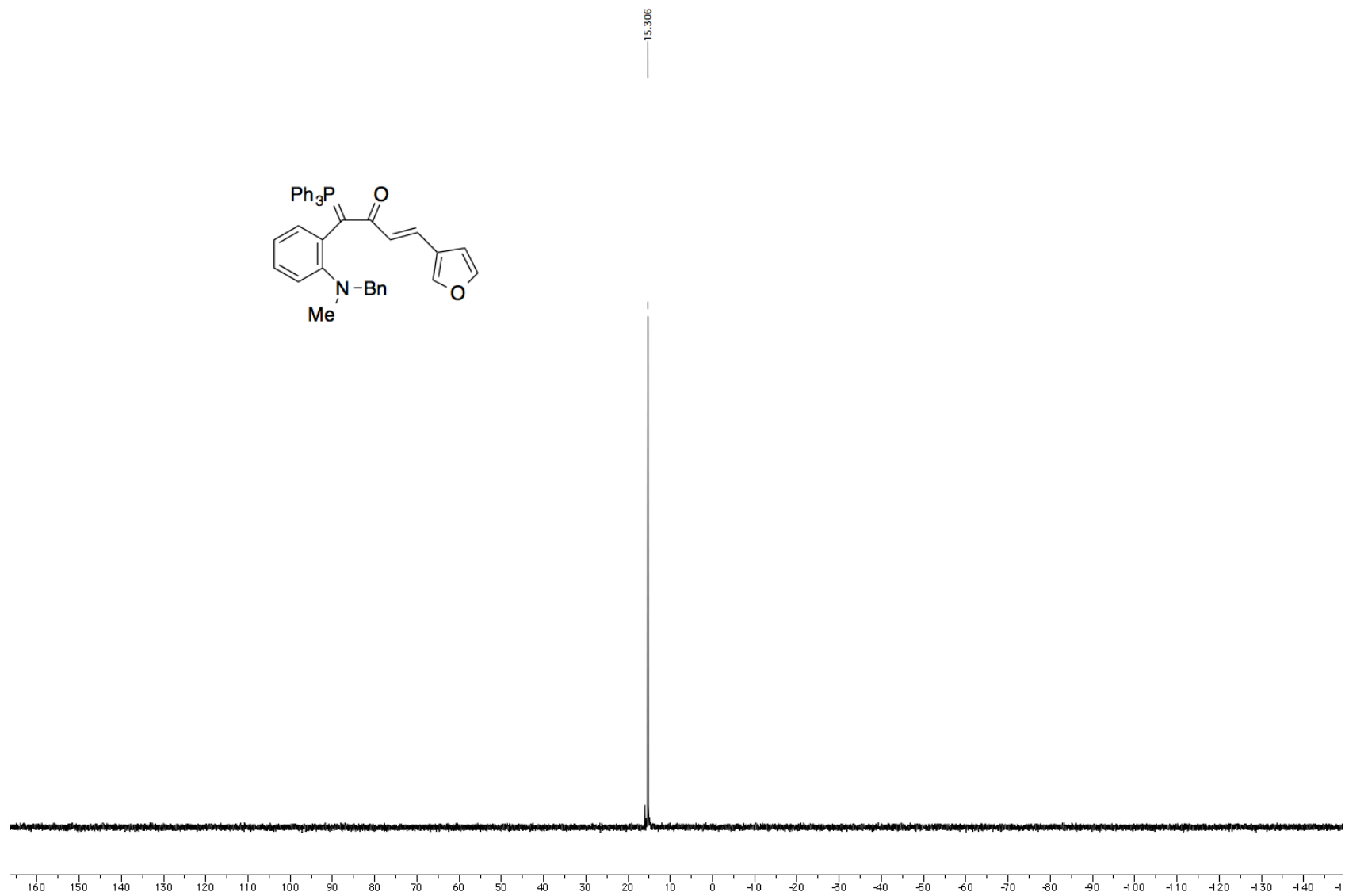


Figure S10. 75 MHz ^{13}C NMR spectrum of **35** (+55 °C)

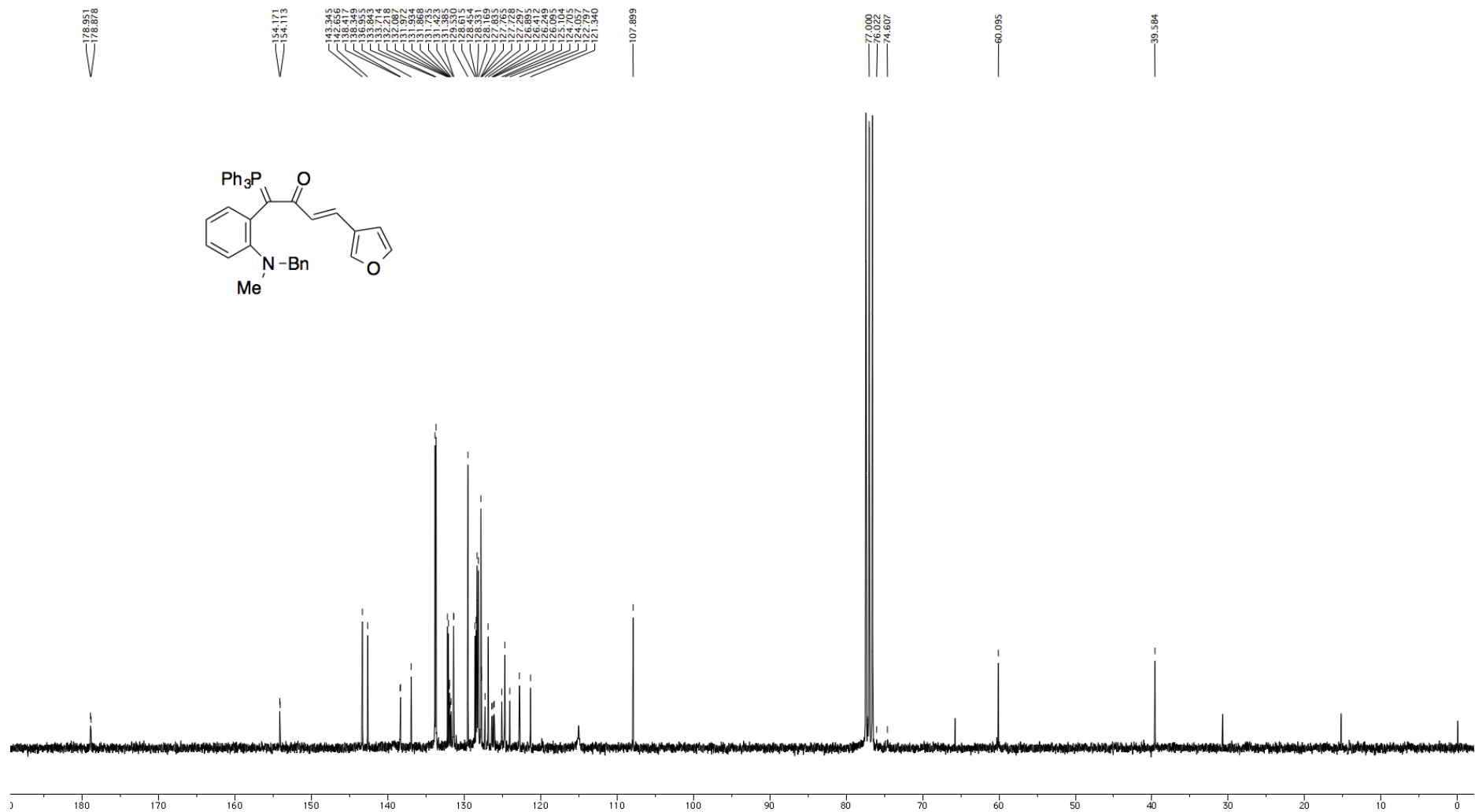


Figure S11. 300 MHz ^1H NMR spectrum of **36** (+55 °C)

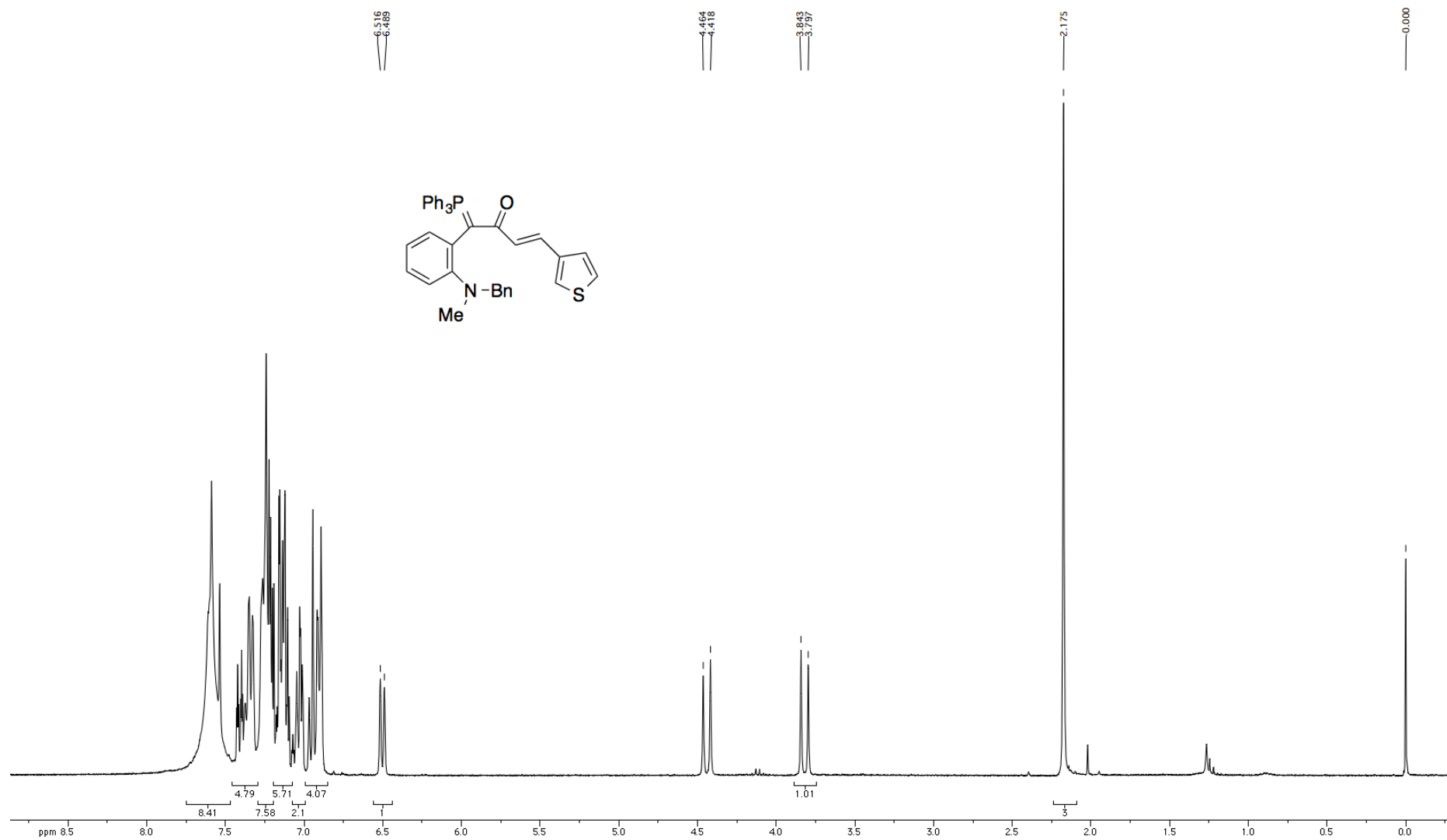


Figure S12. 161 MHz ^{31}P NMR spectrum of **36**

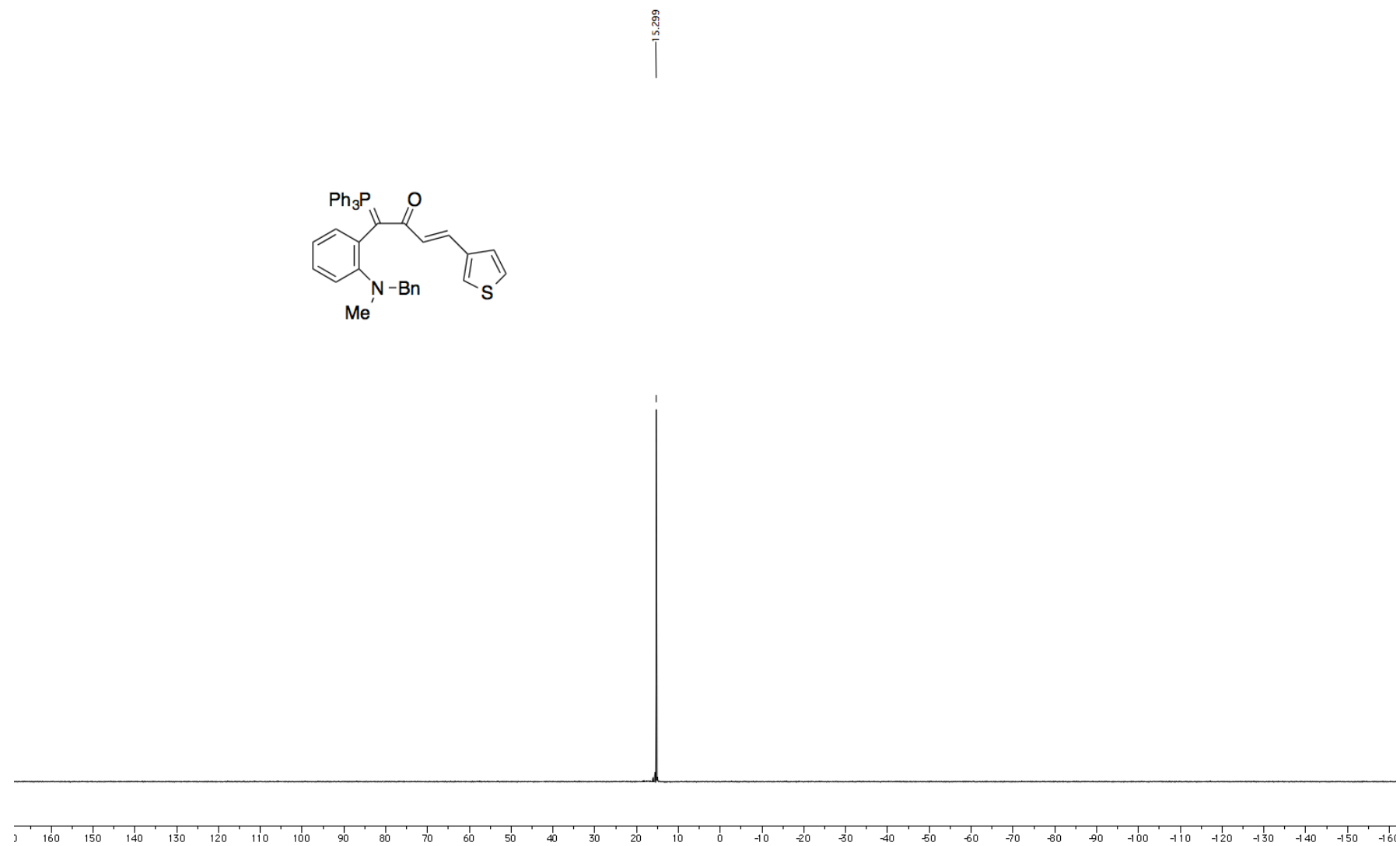


Figure S13. 75 MHz ¹³C NMR spectrum of **36** (+55 °C)

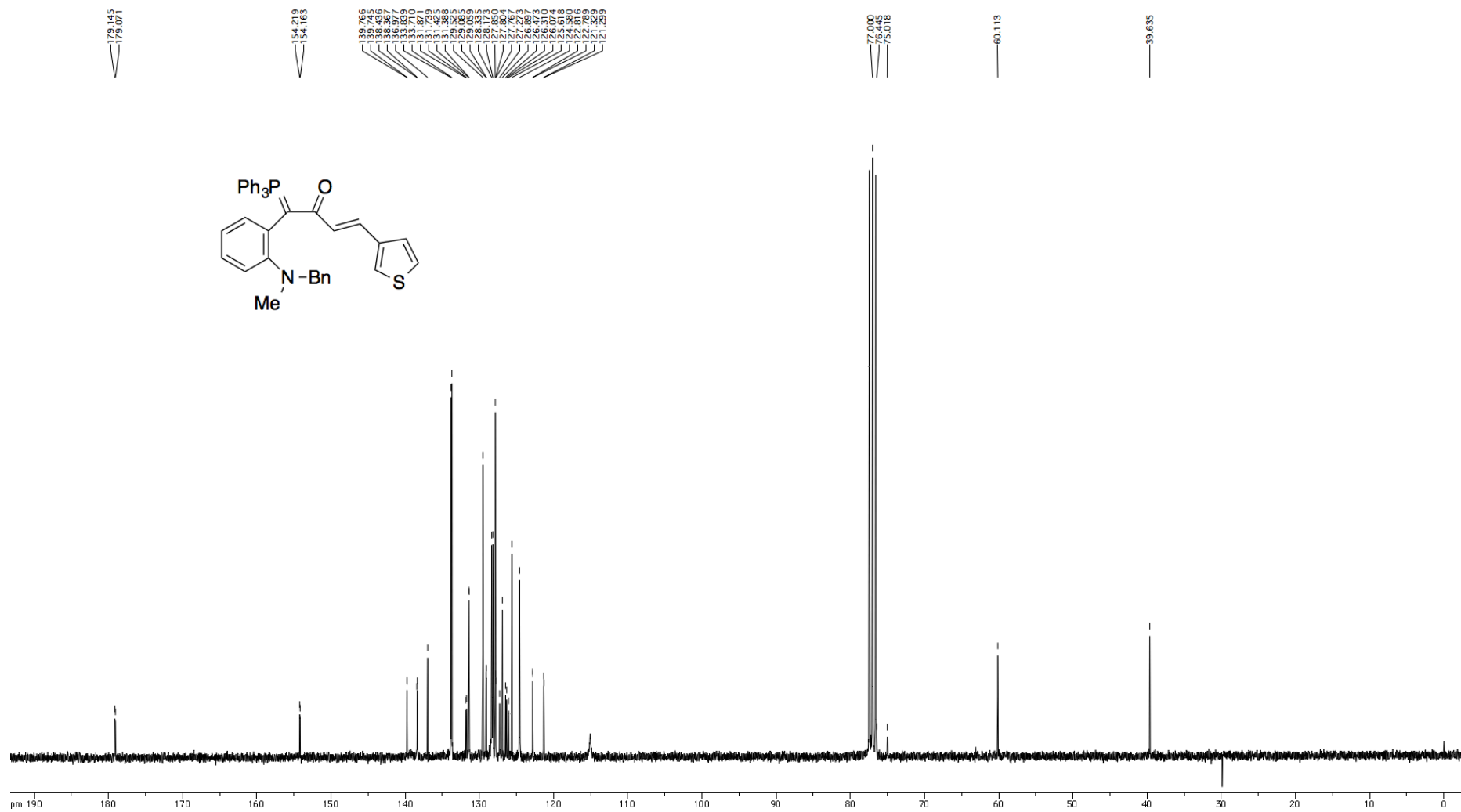


Figure S14. 300 MHz ^1H NMR spectrum of **37**

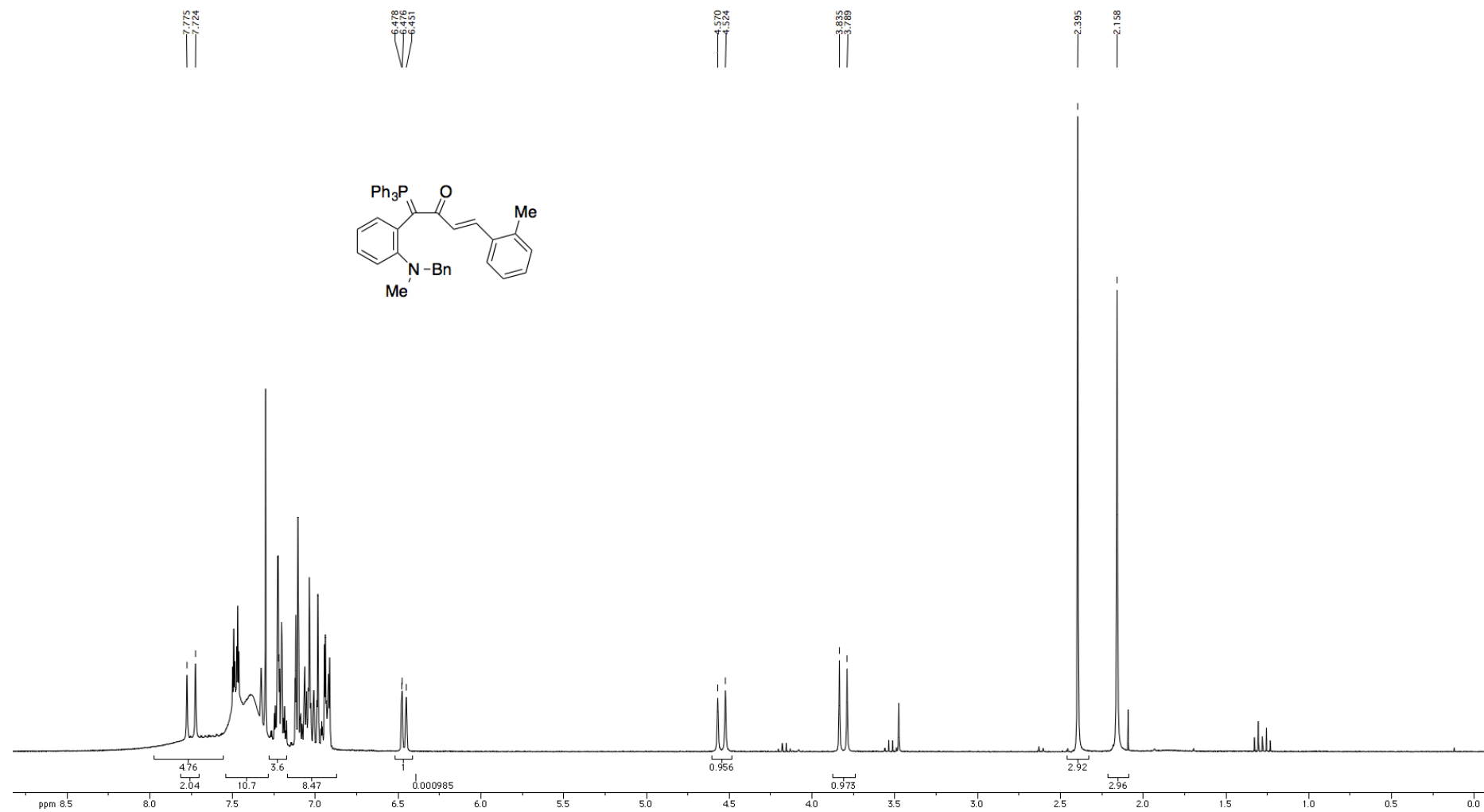


Figure S15. 121 MHz ^{31}P NMR spectrum of **37**

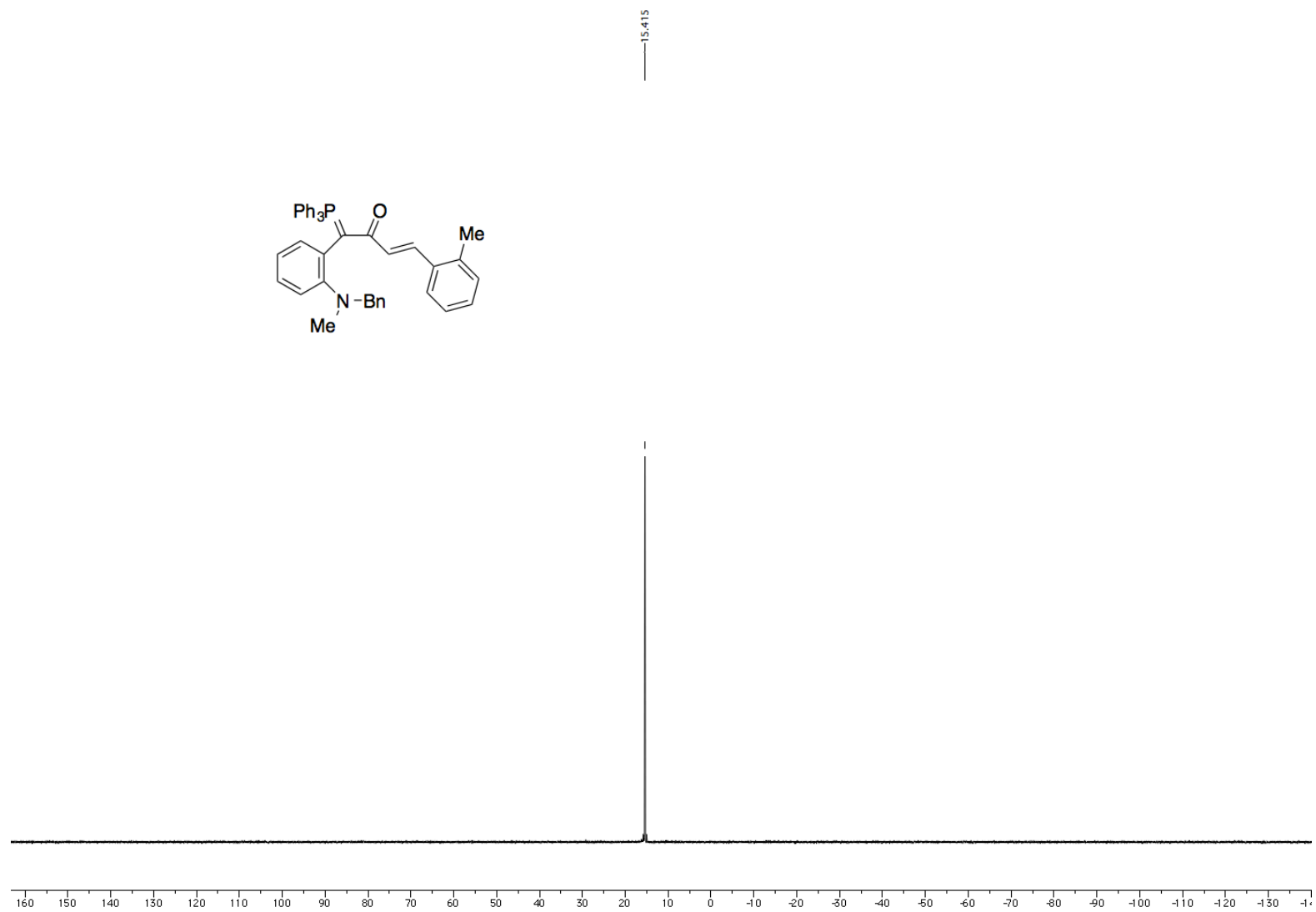


Figure S16. 75 MHz ^{13}C NMR spectrum of **37** (+55 °C)

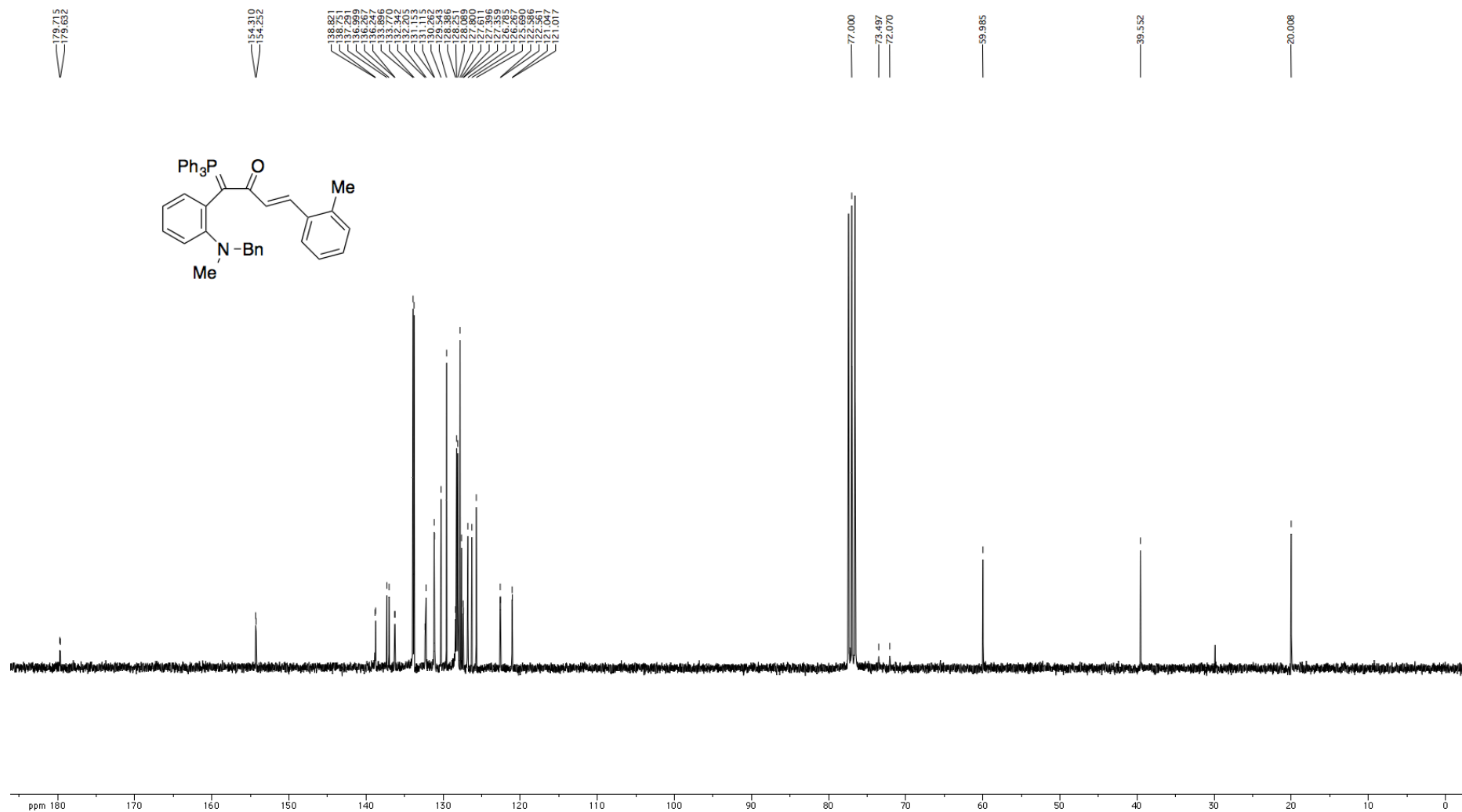


Figure S17. 300 MHz ^1H NMR spectrum of **38**

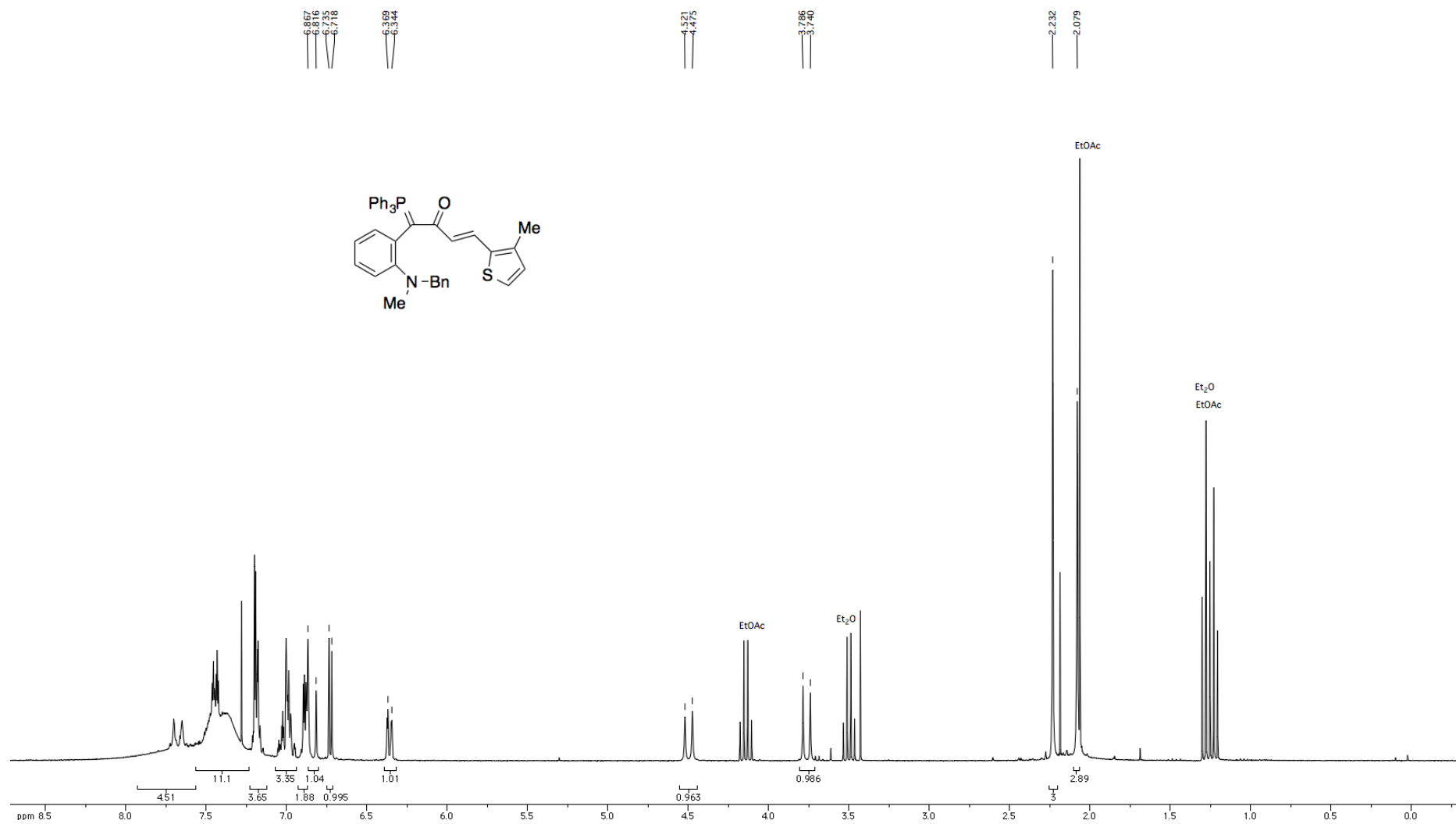


Figure S18. 121 MHz ^{31}P NMR spectrum of **38**

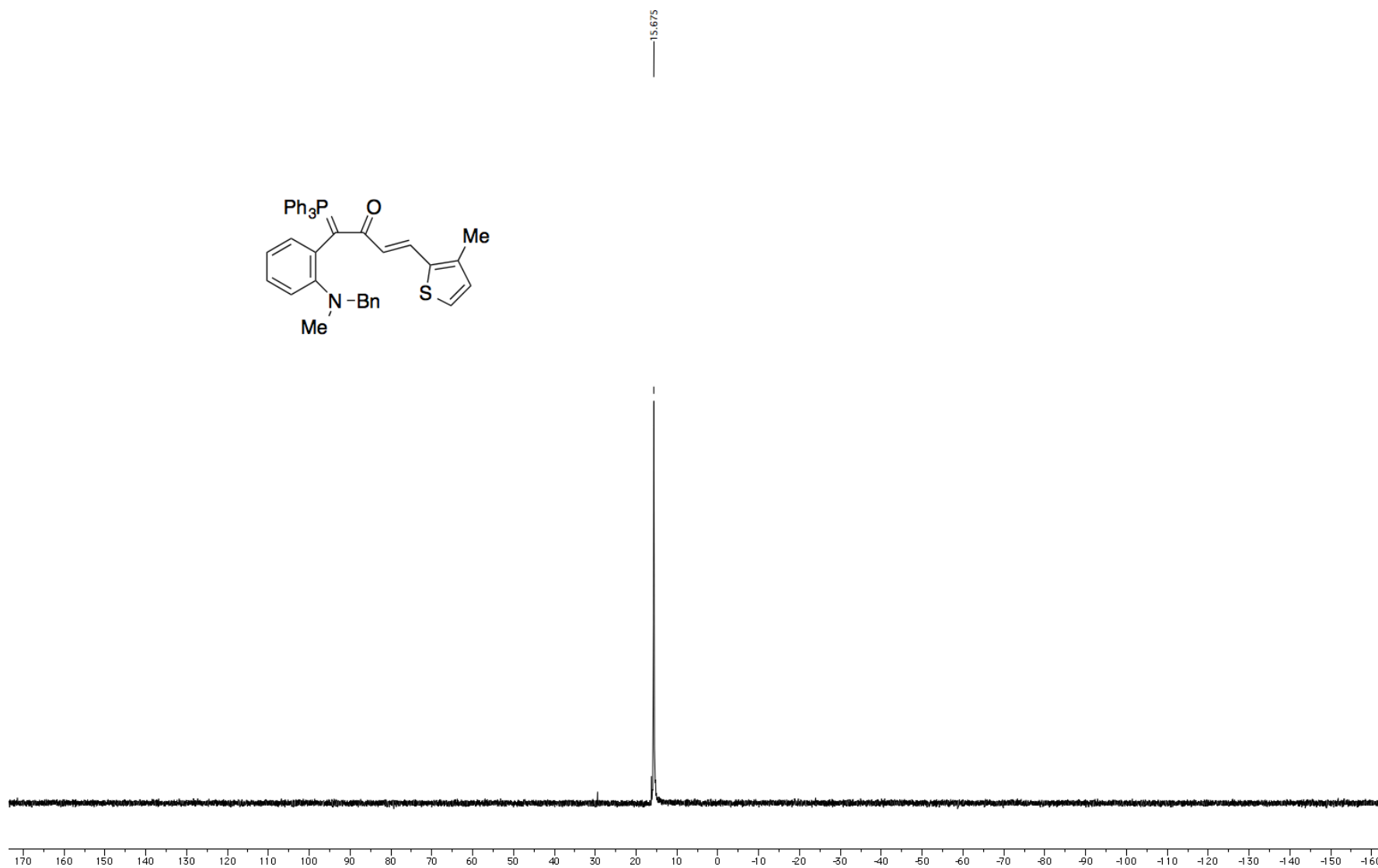


Figure S19. 75 MHz ^{13}C NMR spectrum of **38** (+55 °C)

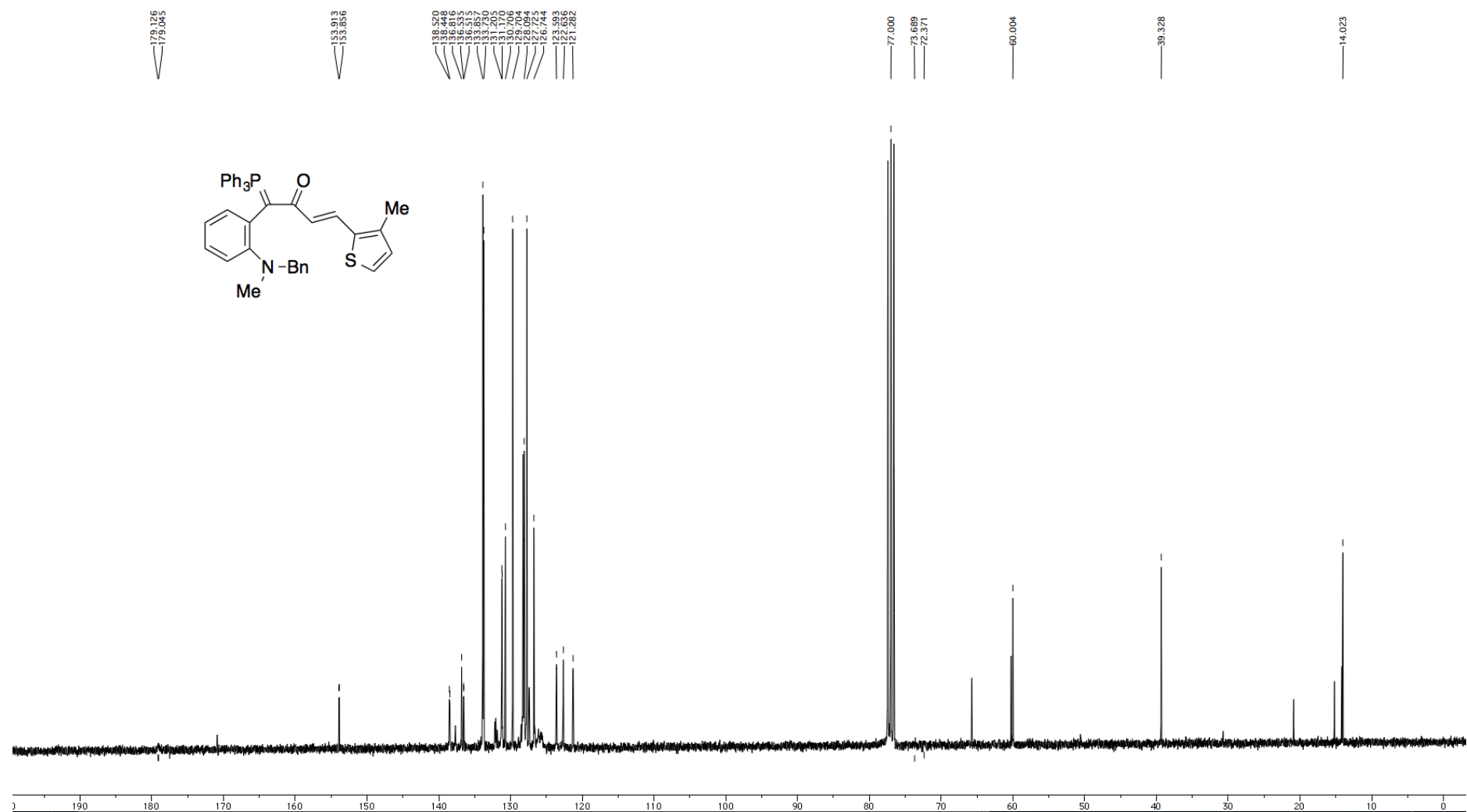


Figure S20. 400 MHz ¹H NMR spectrum of **41**

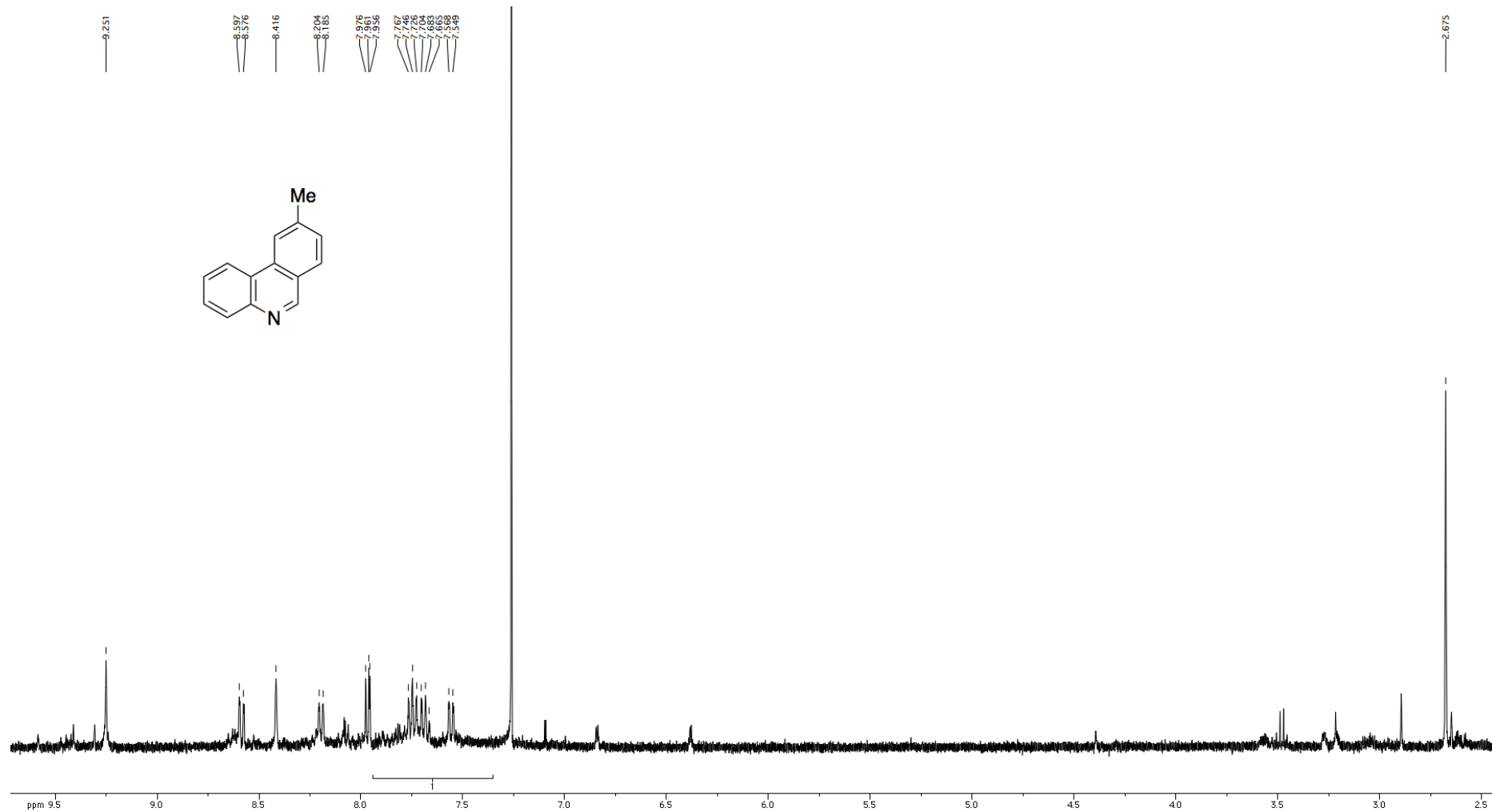


Figure S21. 400 MHz ^1H NMR spectrum of **42**

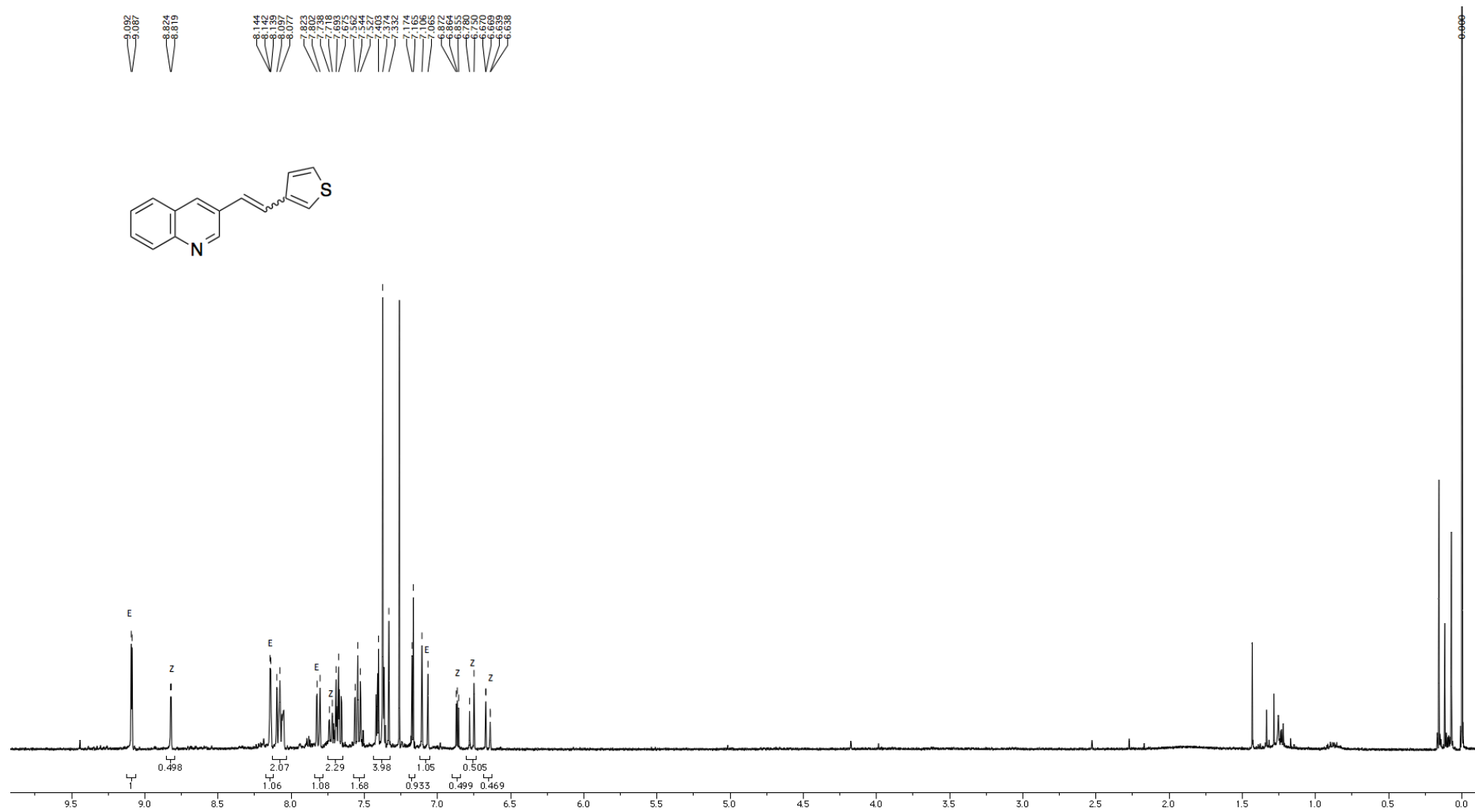


Figure S22. 400 MHz ^1H NMR spectrum of **43**

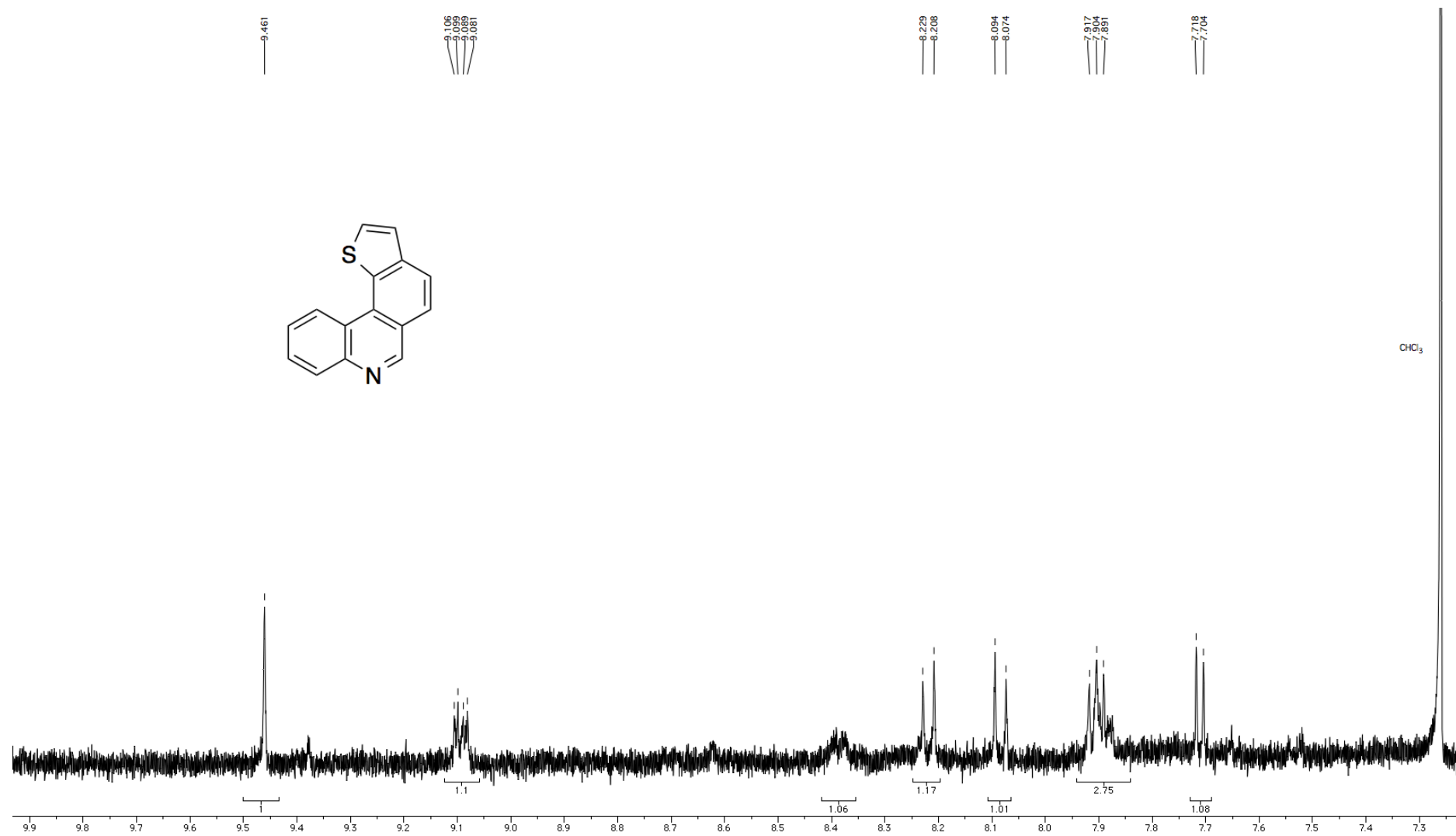


Figure S23. 400 MHz ^1H NMR spectrum of **44**

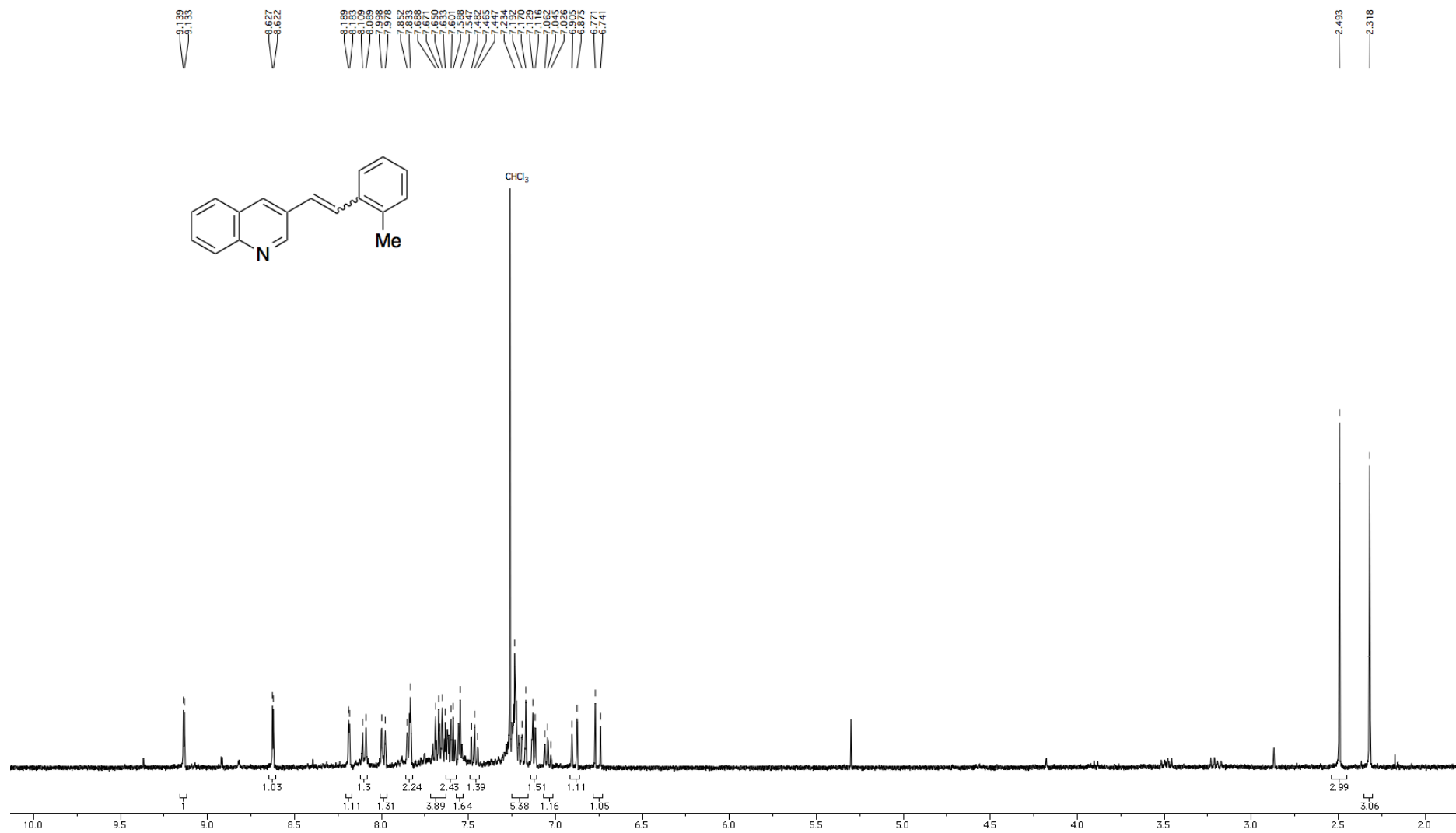


Figure S24. 400 MHz ¹H NMR spectrum of **45**

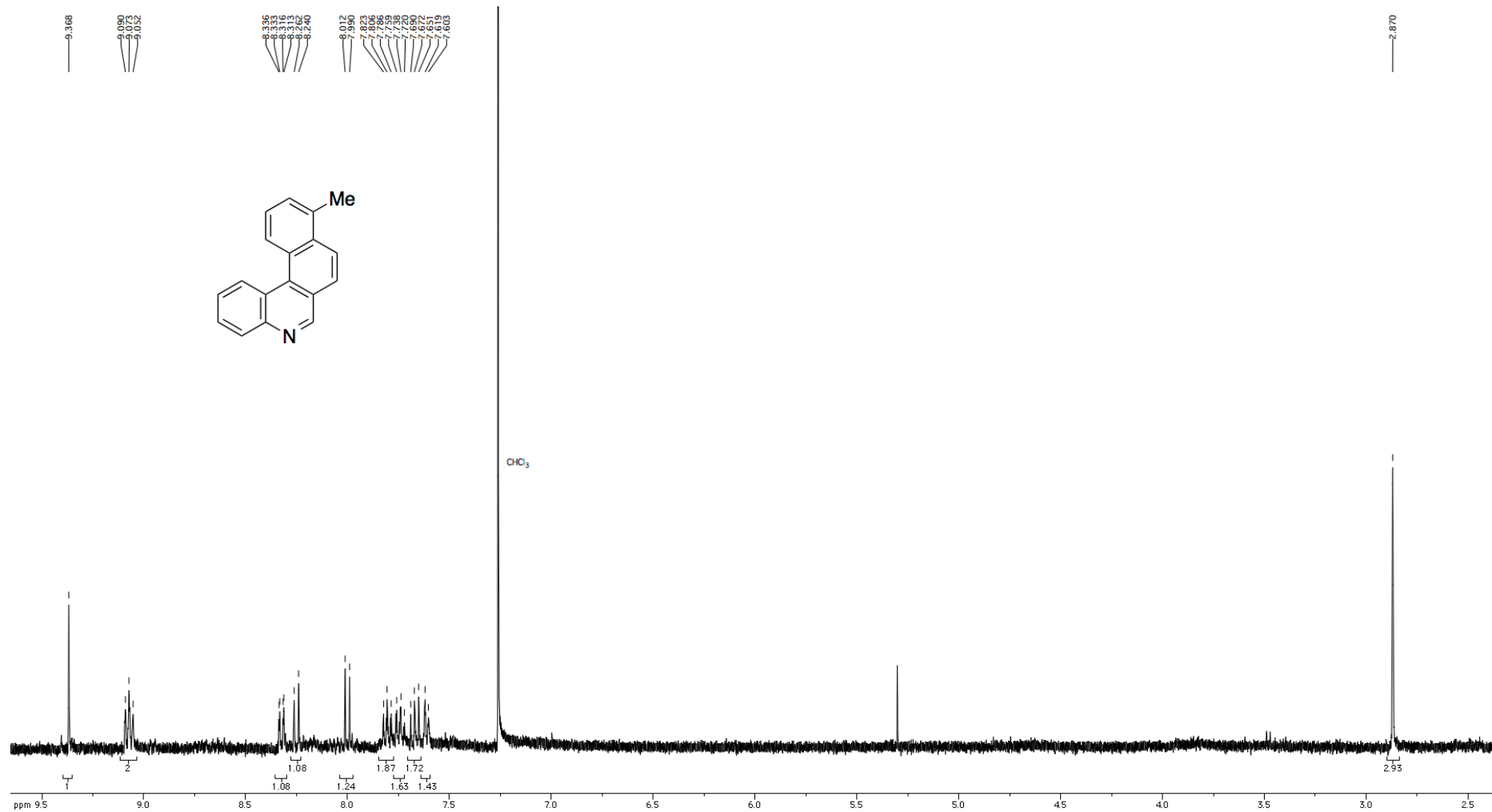


Figure S25. 400 MHz ^1H NMR spectrum of **46**

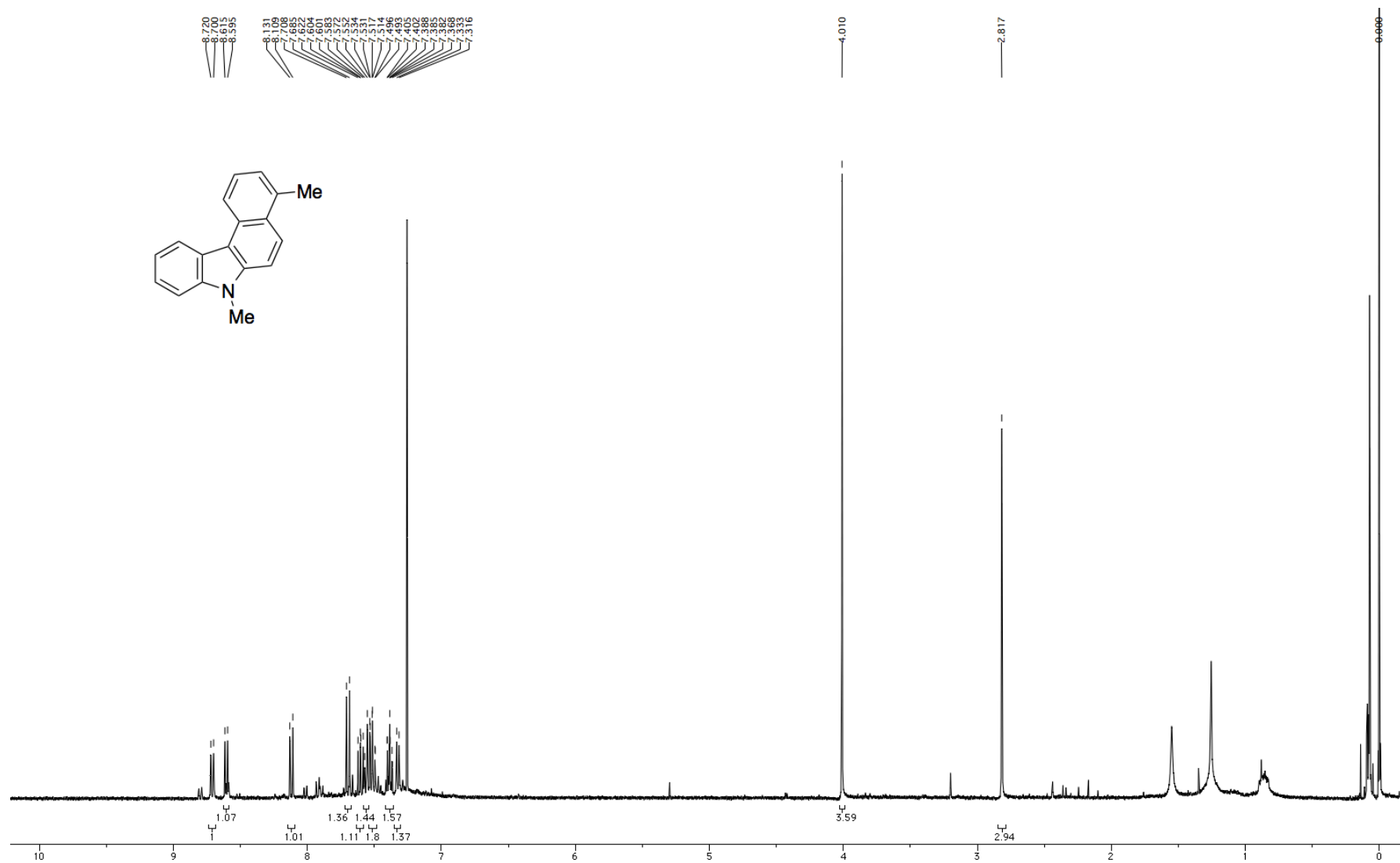


Figure S26. 75 MHz DEPTQ ^{13}C NMR spectrum of **46**

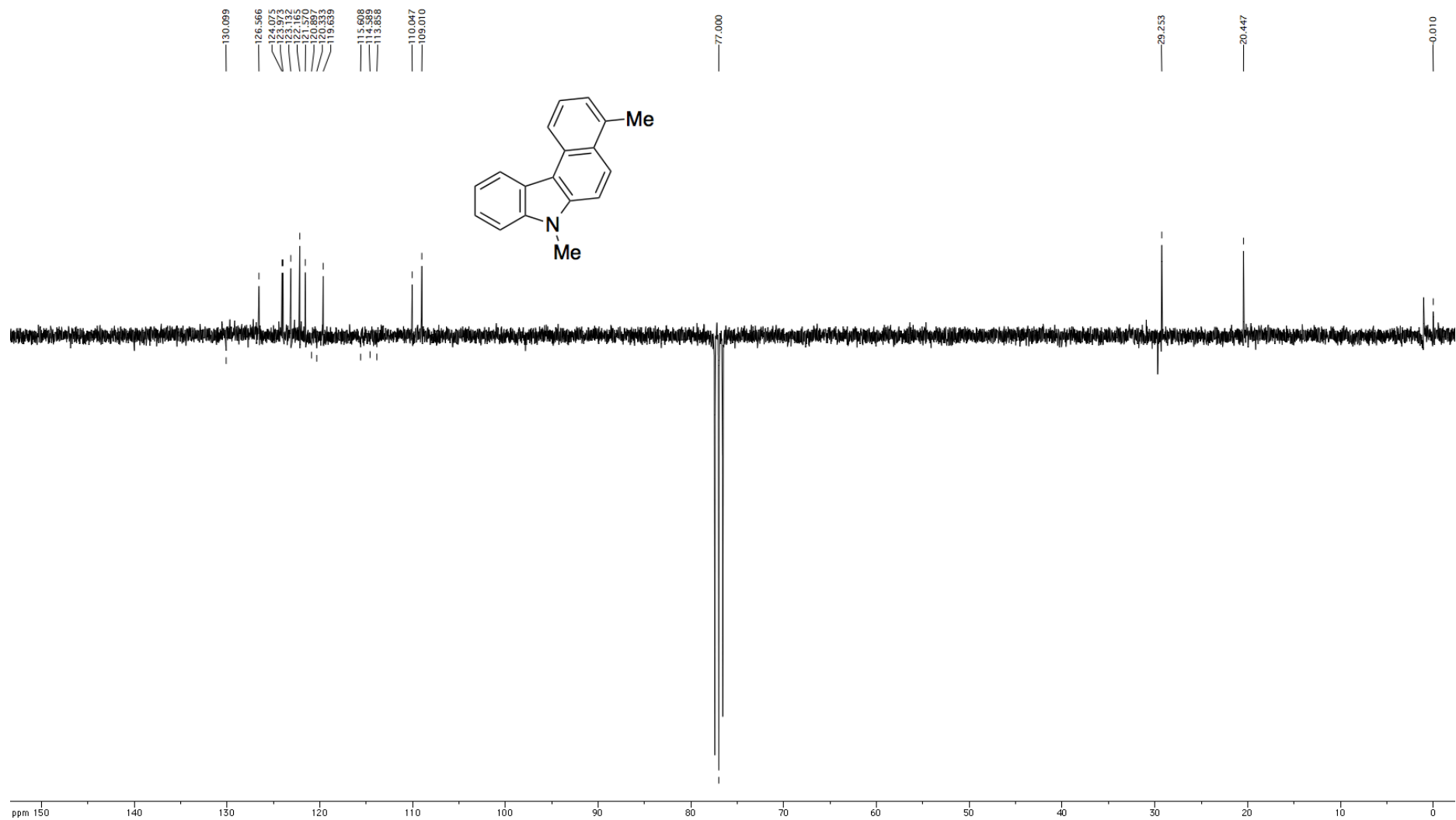


Figure S27. 400 MHz ¹H NMR spectrum of **47**

