

Supporting Information To Accompany:

A Simple Microscale Method For

Determining the Relative Stereochemistry of

Statine Units.

*Alejandro Preciado, Philip G. Williams**

Department of Chemistry, University of Hawaii at Manoa, Honolulu, Hawaii 96822

philipwi@hawaii.edu

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Figure S1. ¹H NMR Spectrum of Compound **4a** at 300 MHz in CDCl₃

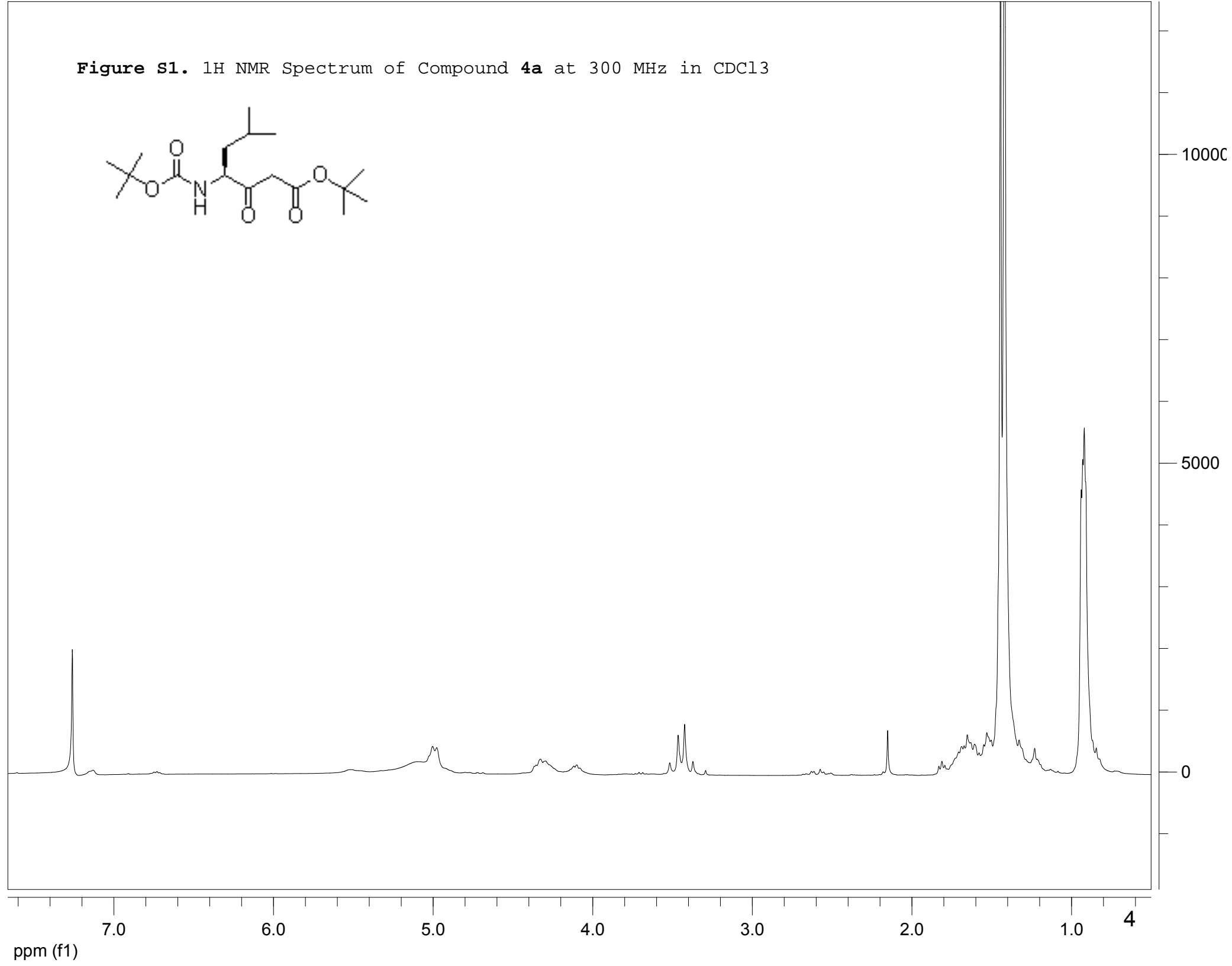
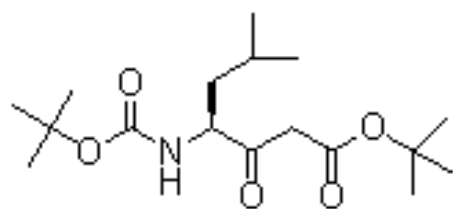


Figure S2. ¹H NMR Spectrum of Compound **4b** at 300 MHz in CDCl₃

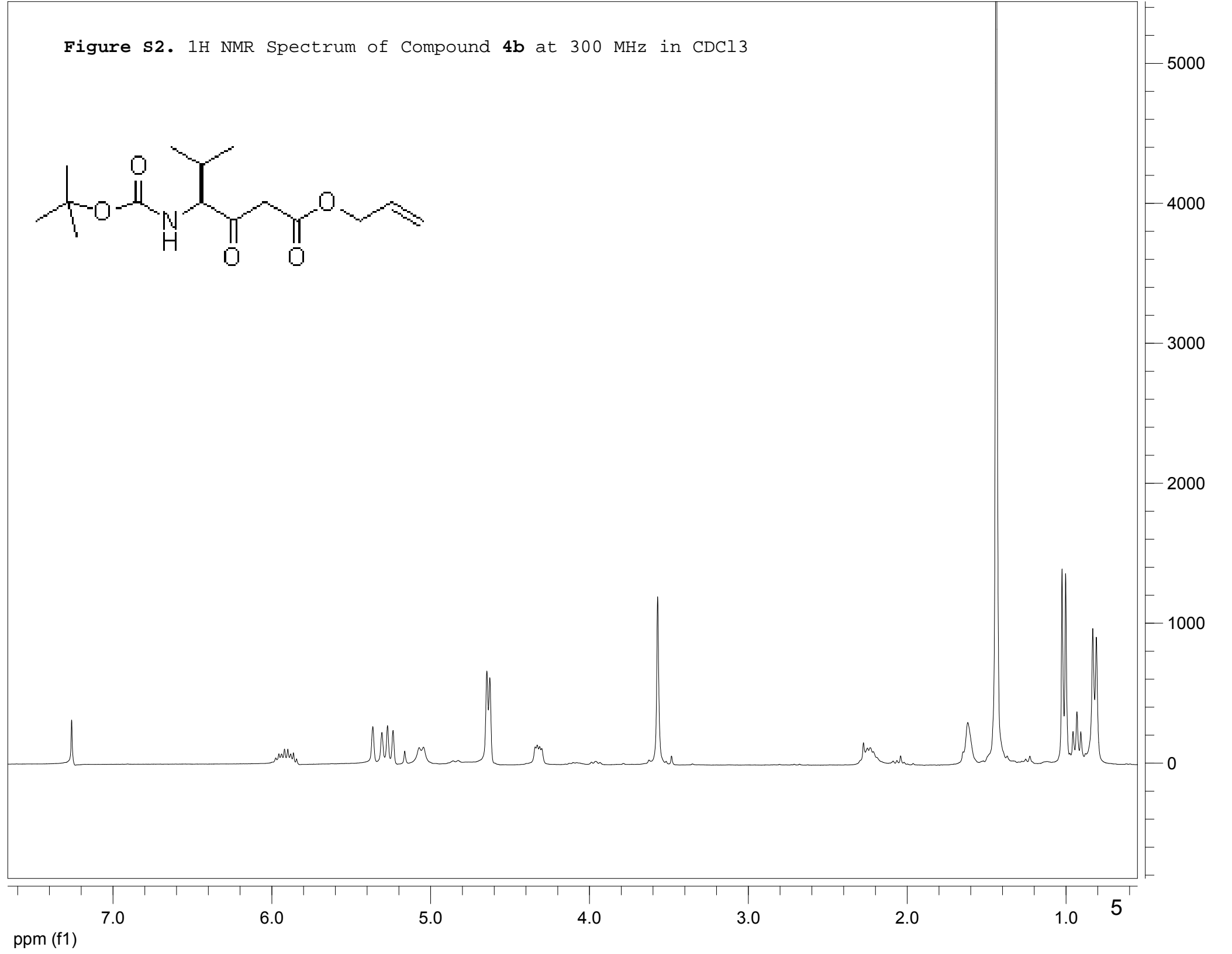
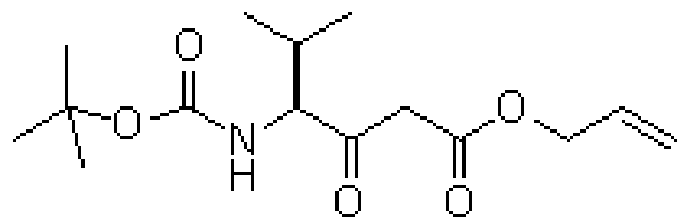


Figure S3. ¹H NMR Spectrum of Compound **4c** at 300 MHz in CDCl₃

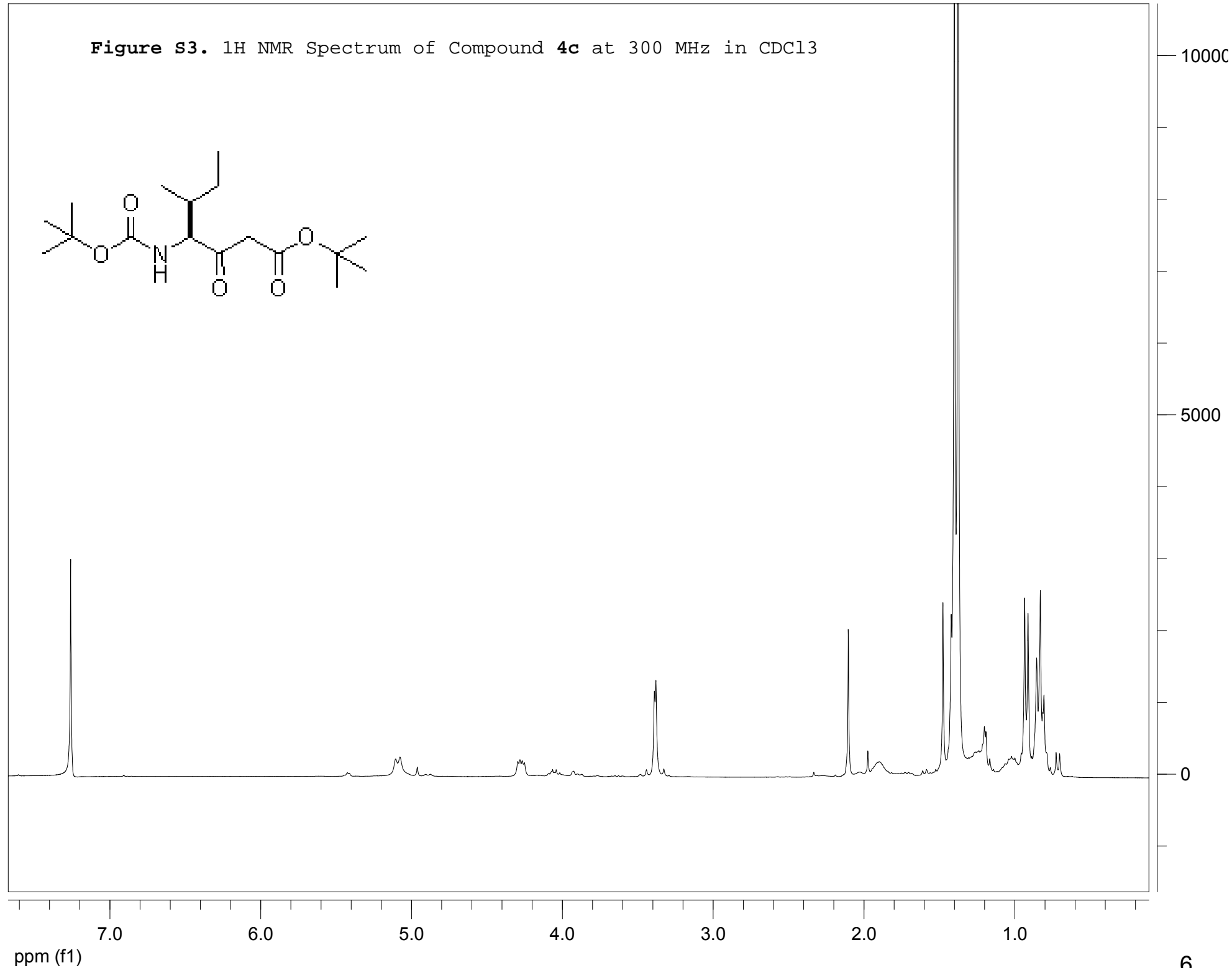
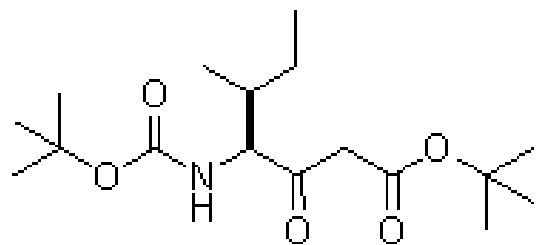


Figure S4. ¹H NMR Spectrum of Compound 4d at 300 MHz in CDCl₃

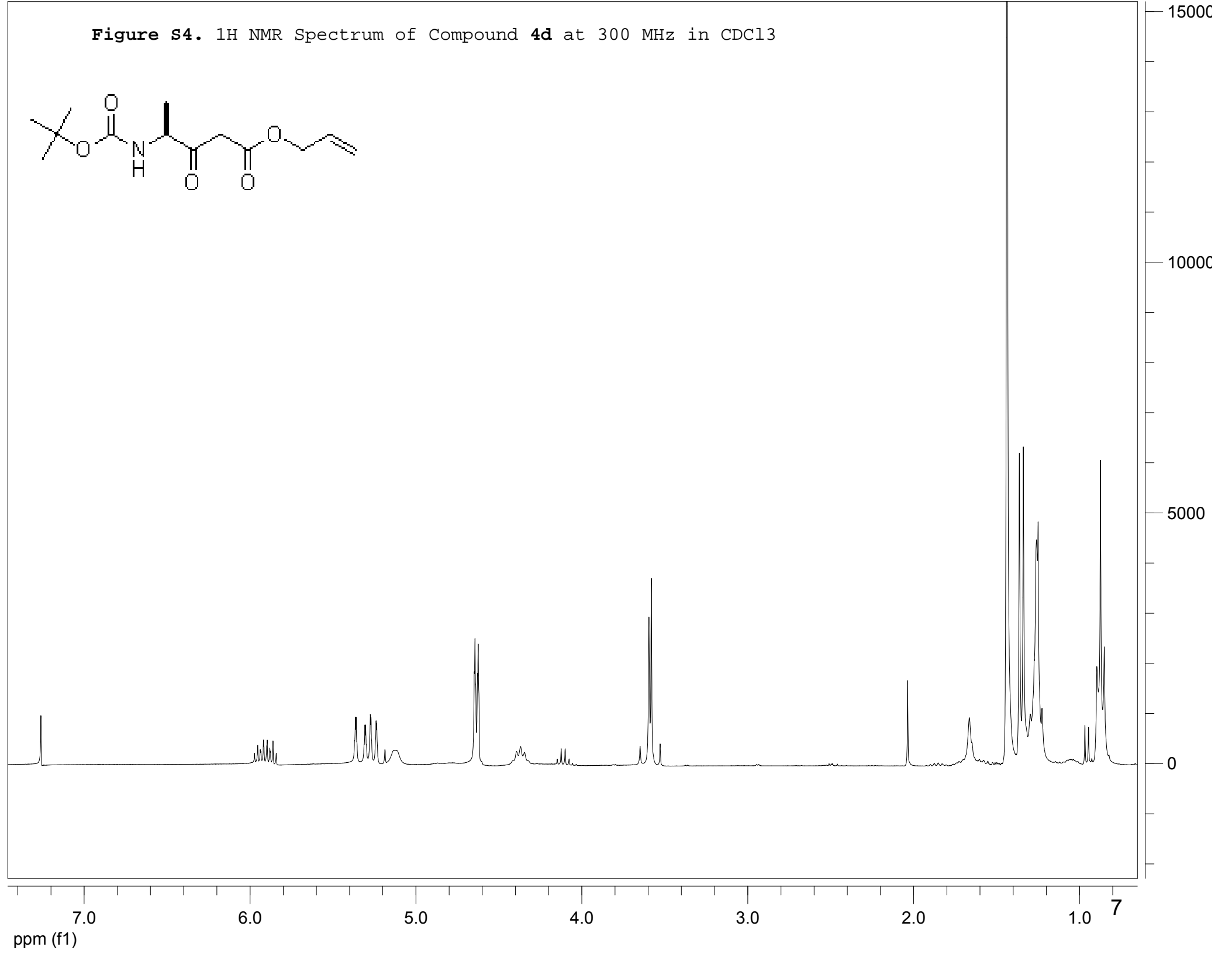
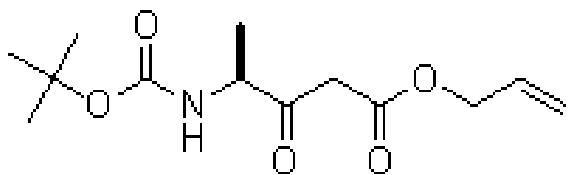


Figure S5. ¹H NMR Spectrum of Compound **4e** at 300 MHz in CDCl₃

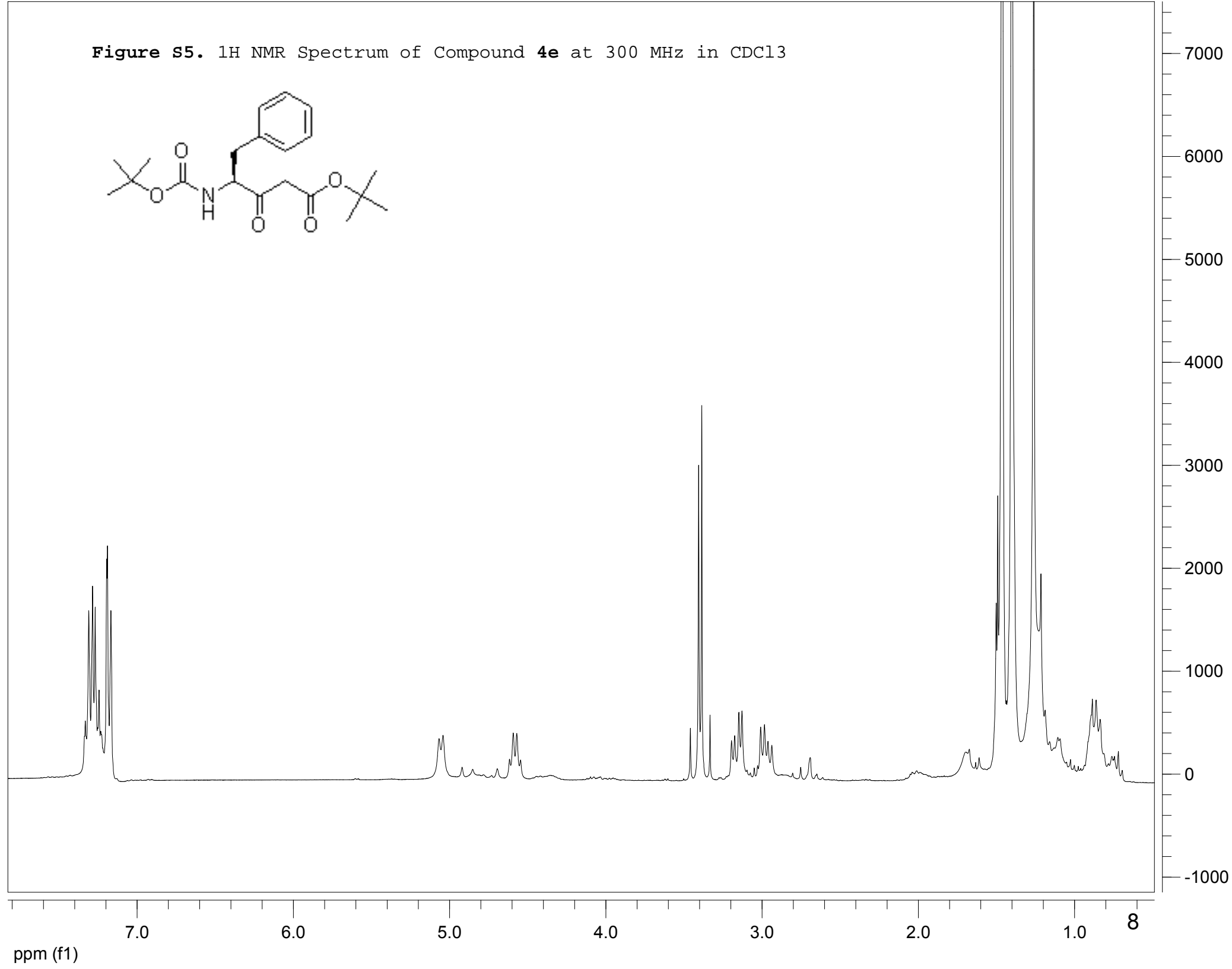
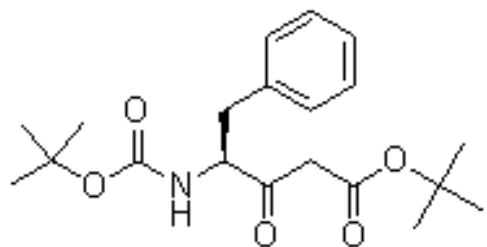


Figure S6. ¹H NMR Spectrum of Compound 4f at 300 MHz in CDCl₃

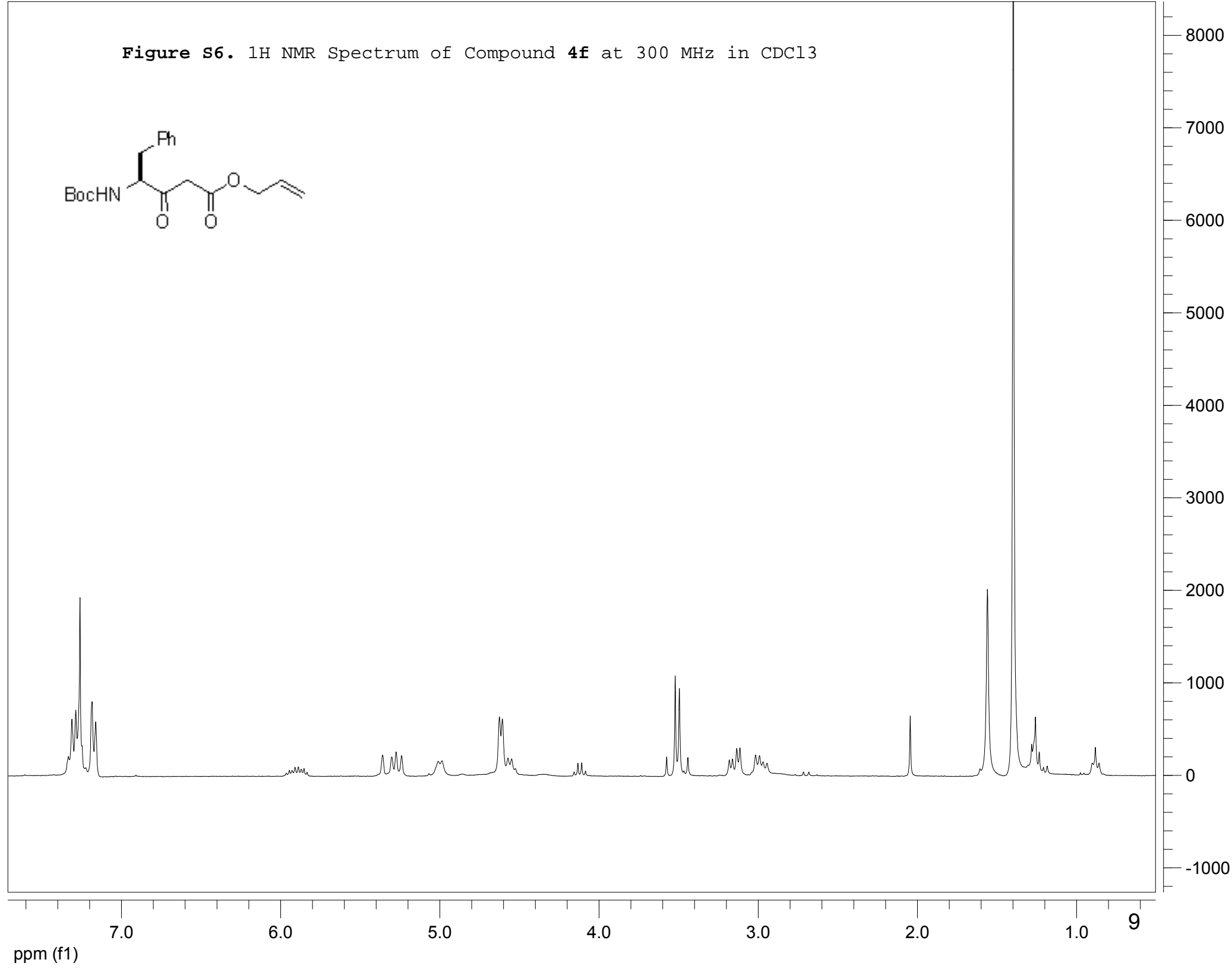
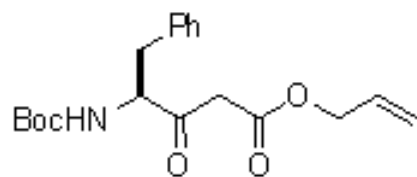


Figure S7. ¹H NMR Spectrum of Compound 4g at 300 MHz in CDCl₃

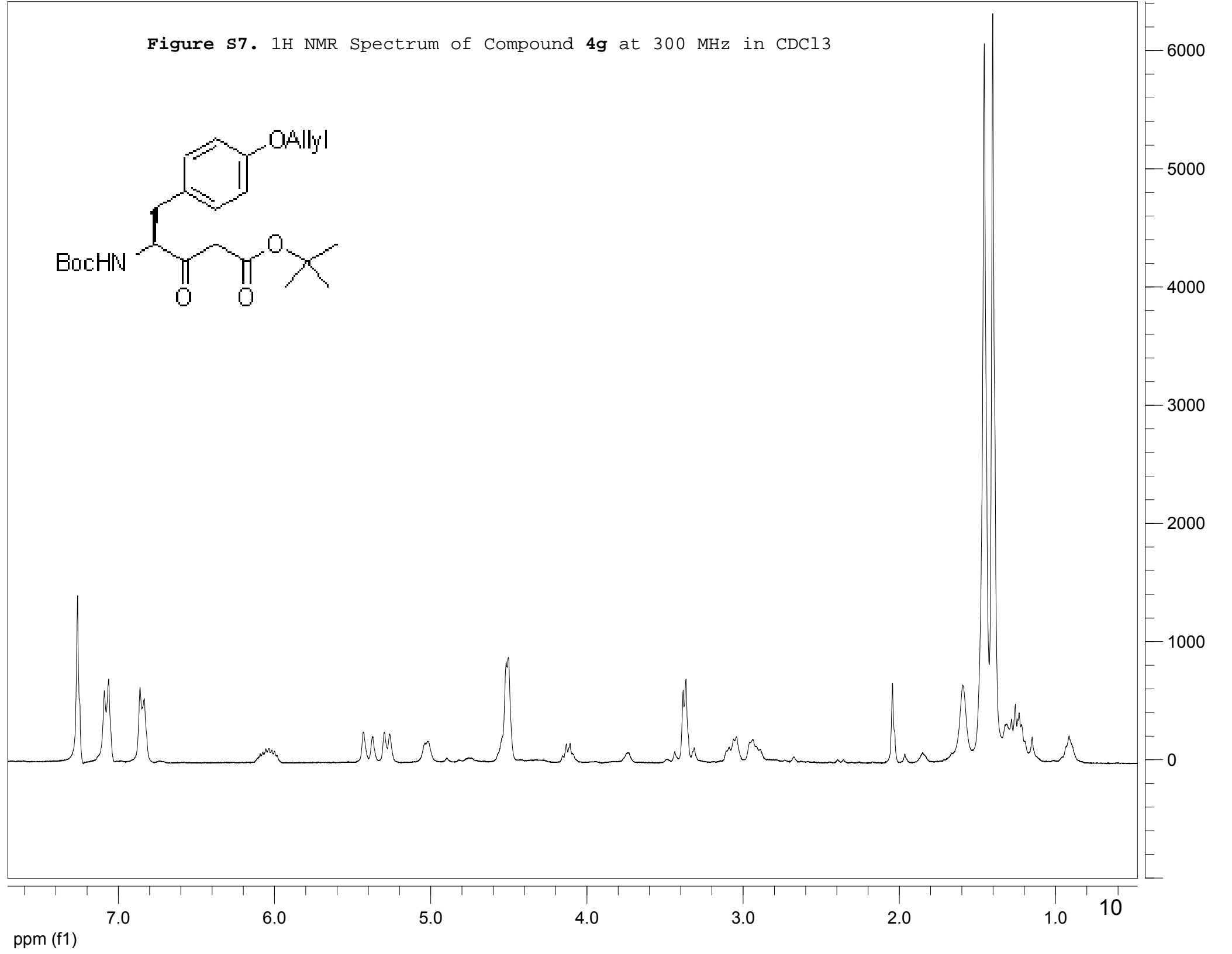
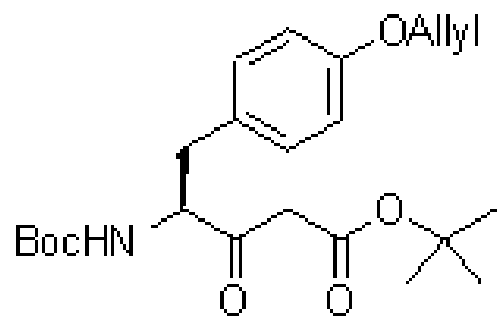


Figure S8. ¹H NMR Spectrum of Compound **4h** at 300 MHz in CDCl₃

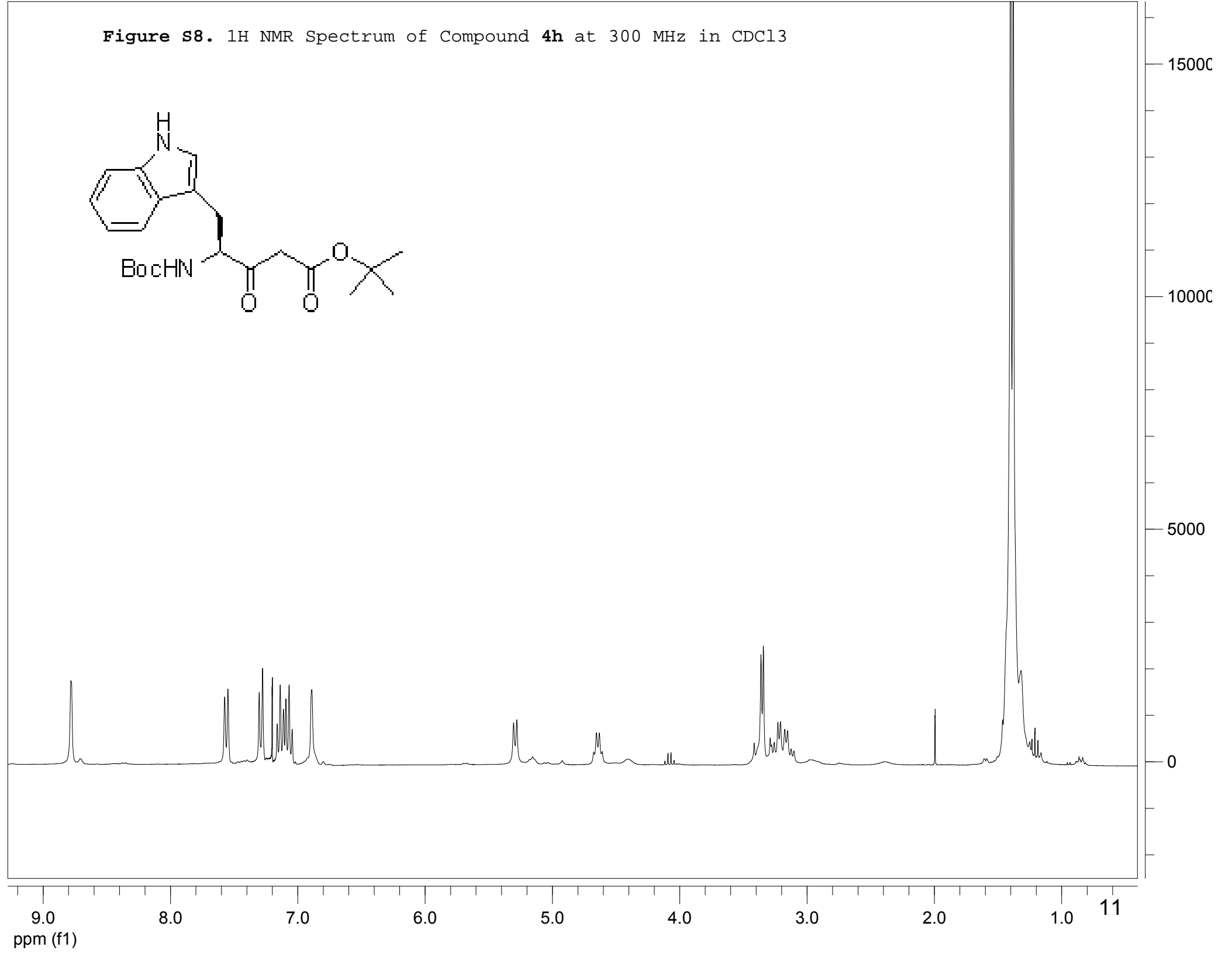
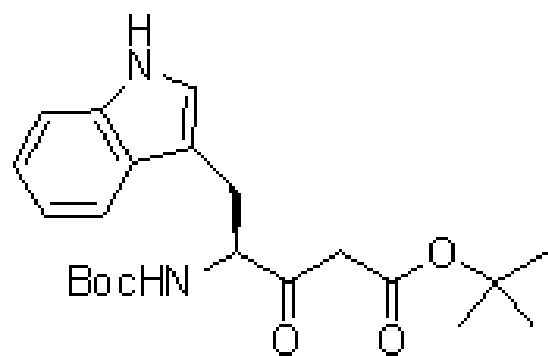


Figure S9. ¹H NMR Spectrum of Compound **4i** at 300 MHz in CDCl₃

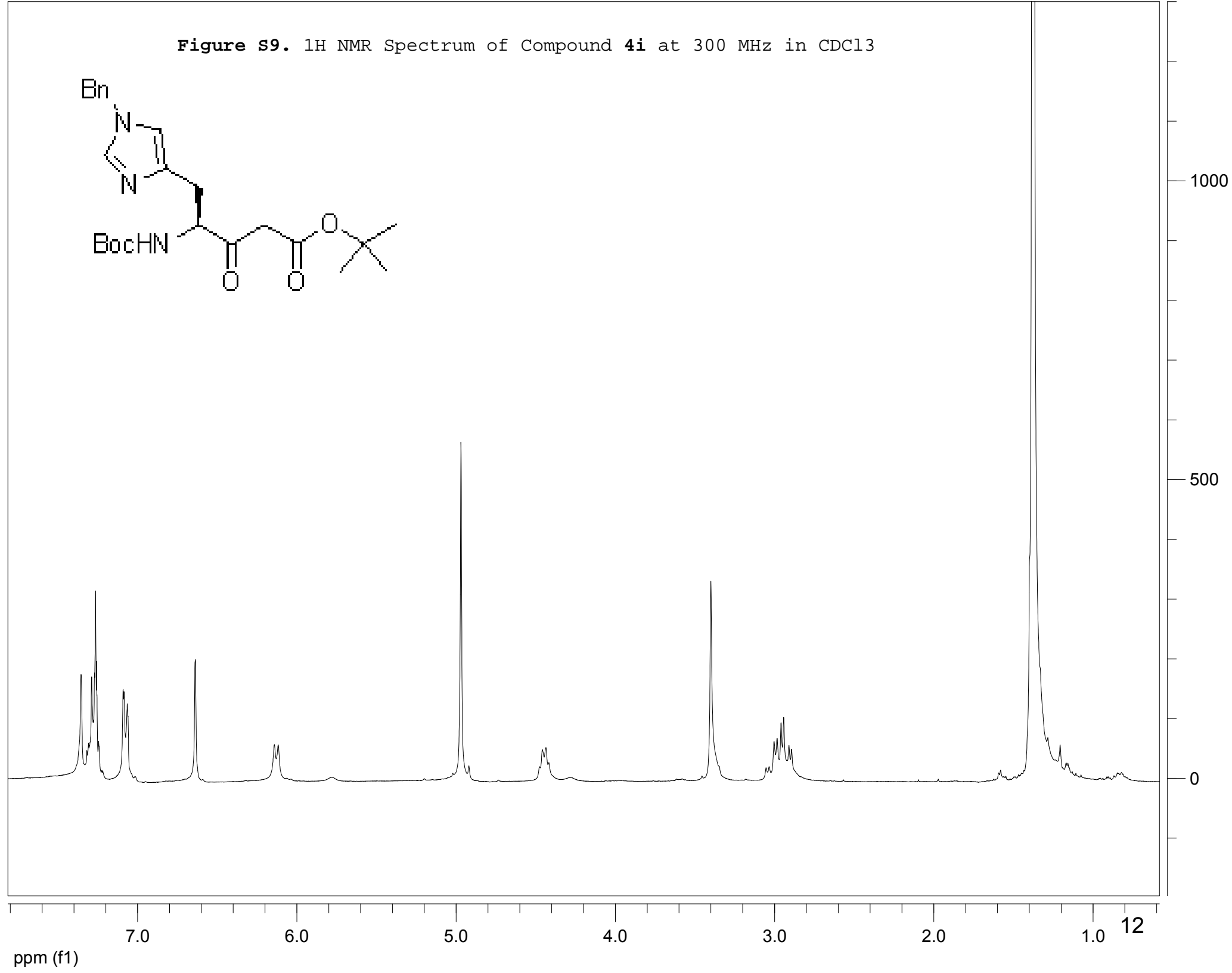
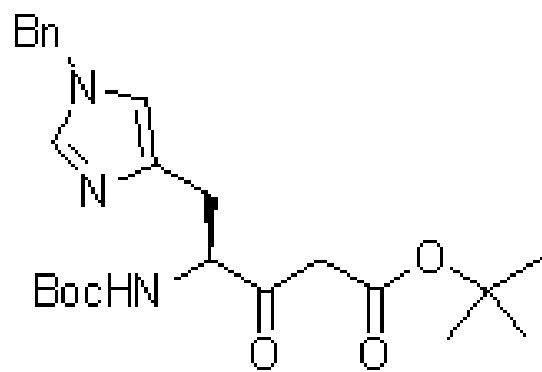


Figure S10. ¹H NMR Spectrum of Compound 4j at 300 MHz in CDCl₃

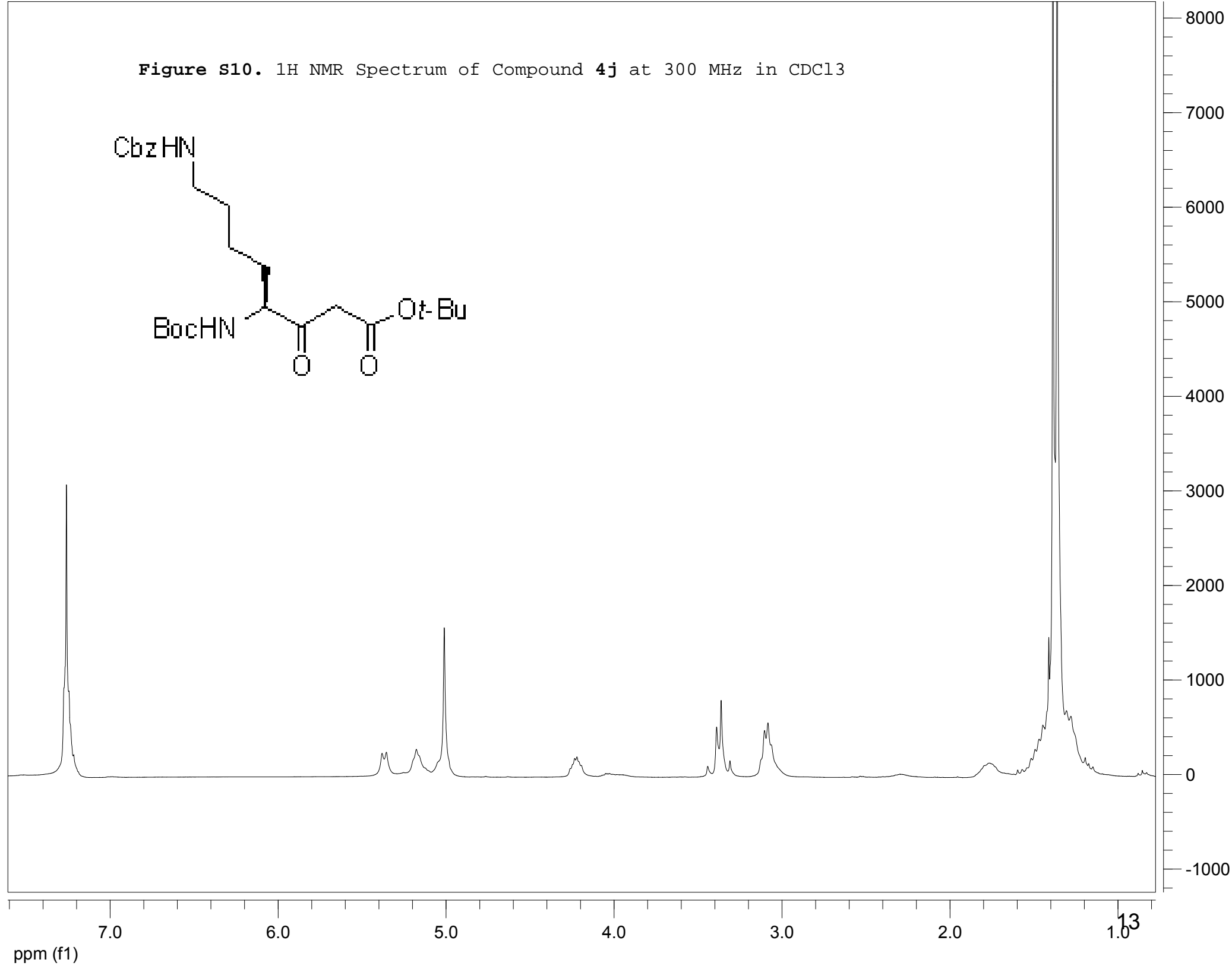
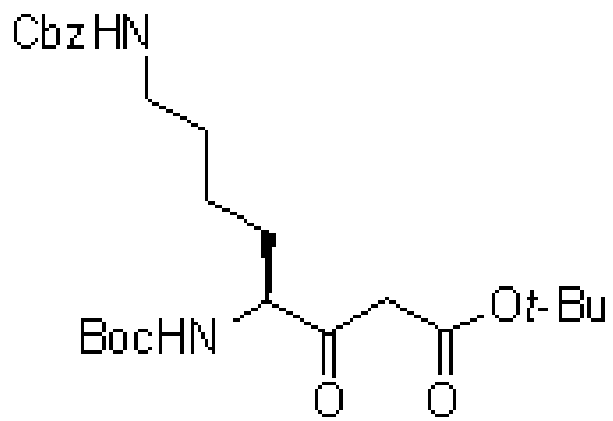


Figure S11. ¹H NMR Spectrum of Compound **4k** at 300 MHz in CDCl₃

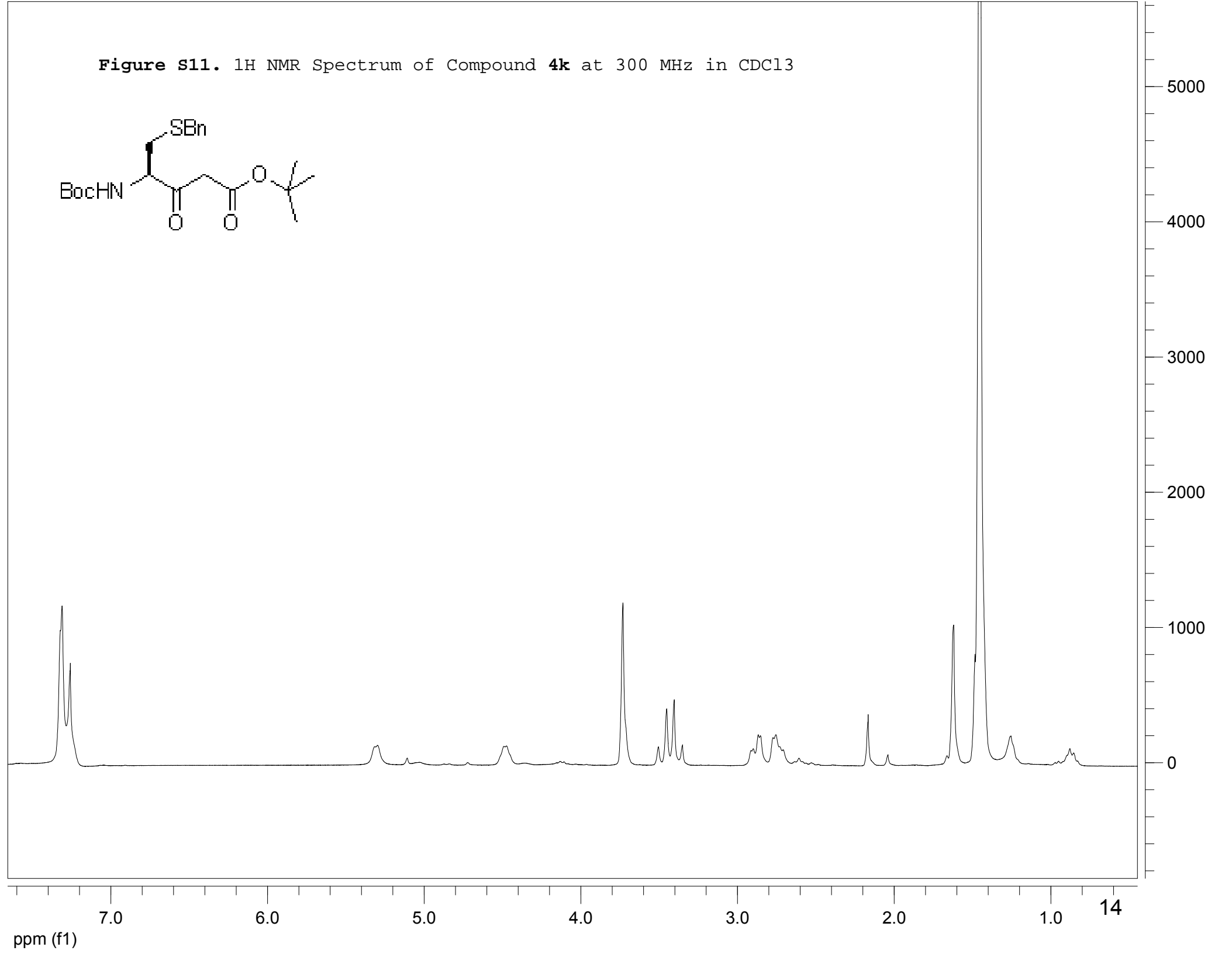
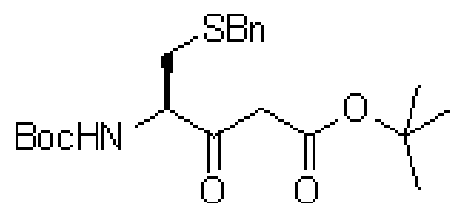


Figure S12. ¹H NMR Spectrum of Compound **41** at 300 MHz in CDCl₃

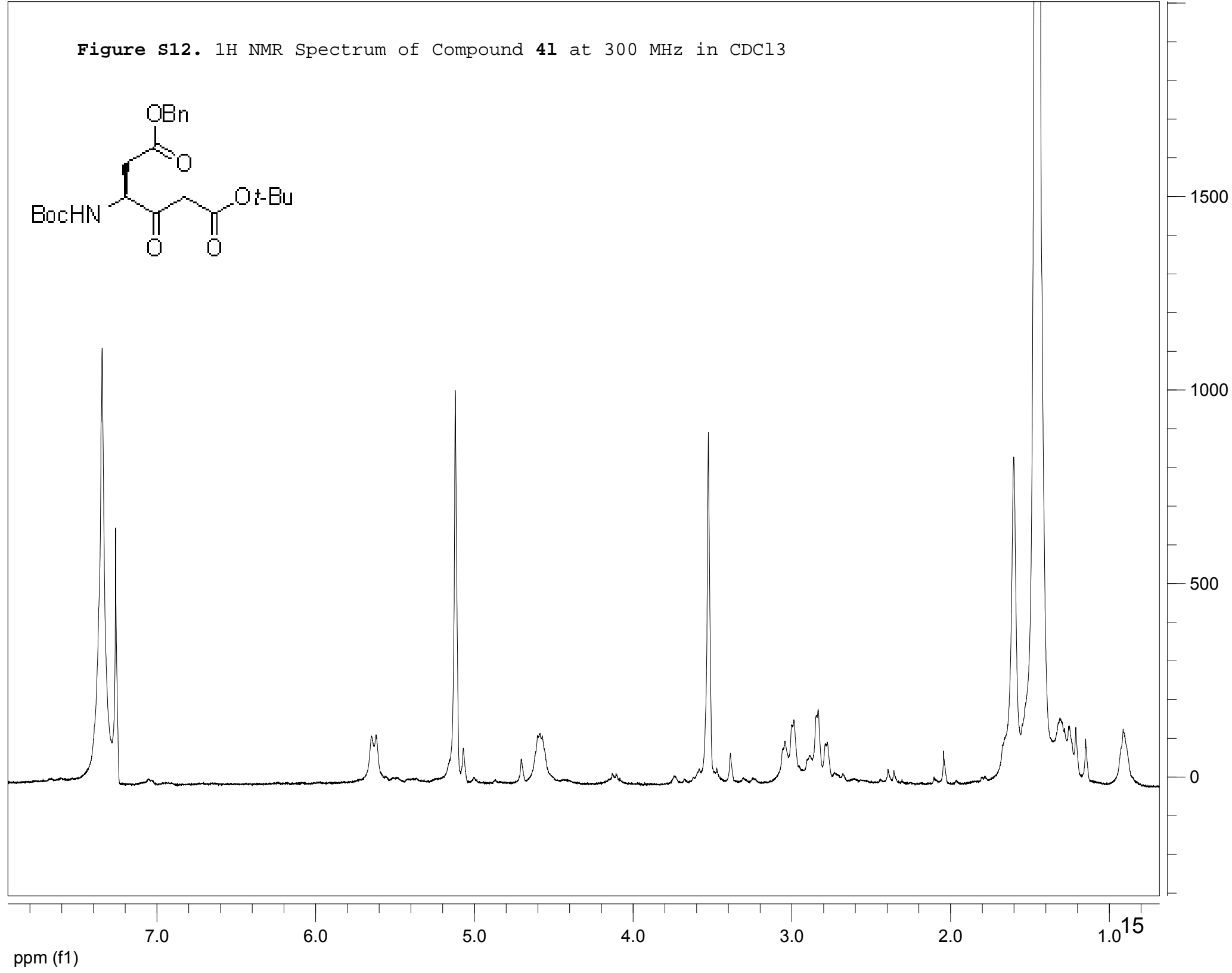
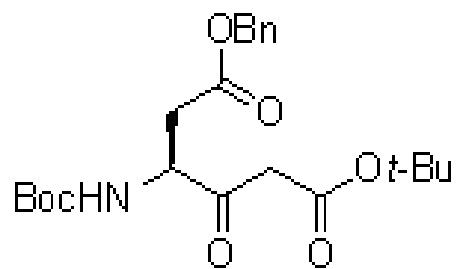


Figure S13. ¹H NMR Spectrum of Compound **4m** at 300 MHz in CDCl₃

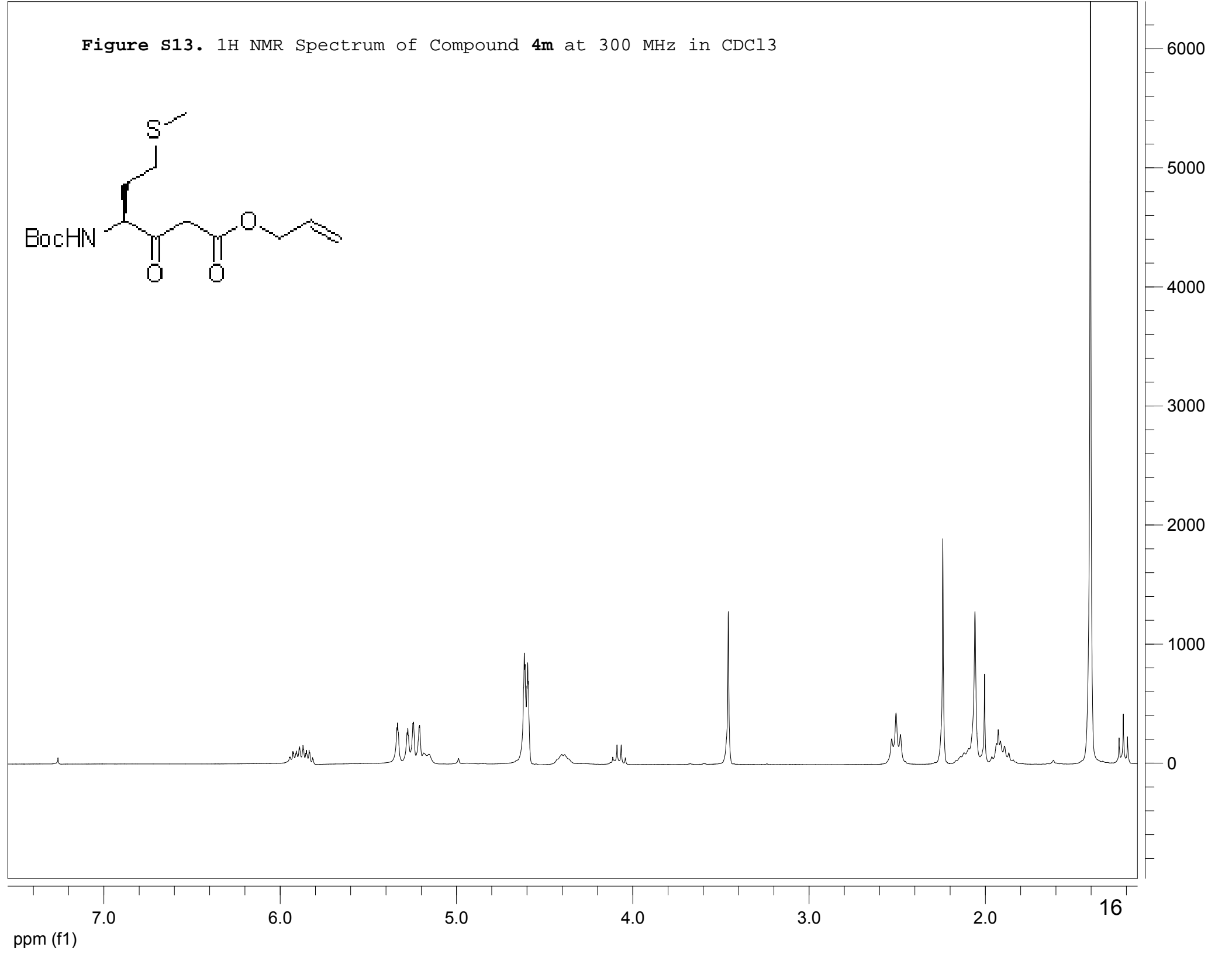
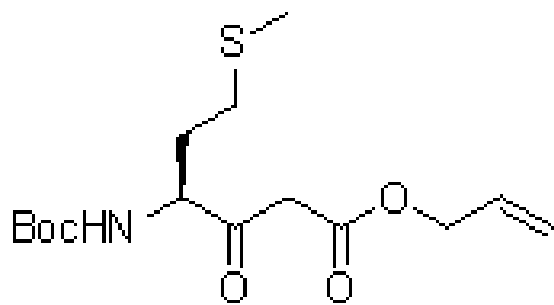


Figure S14. ¹H NMR Spectrum of Compound **4n** at 300 MHz in CDCl₃

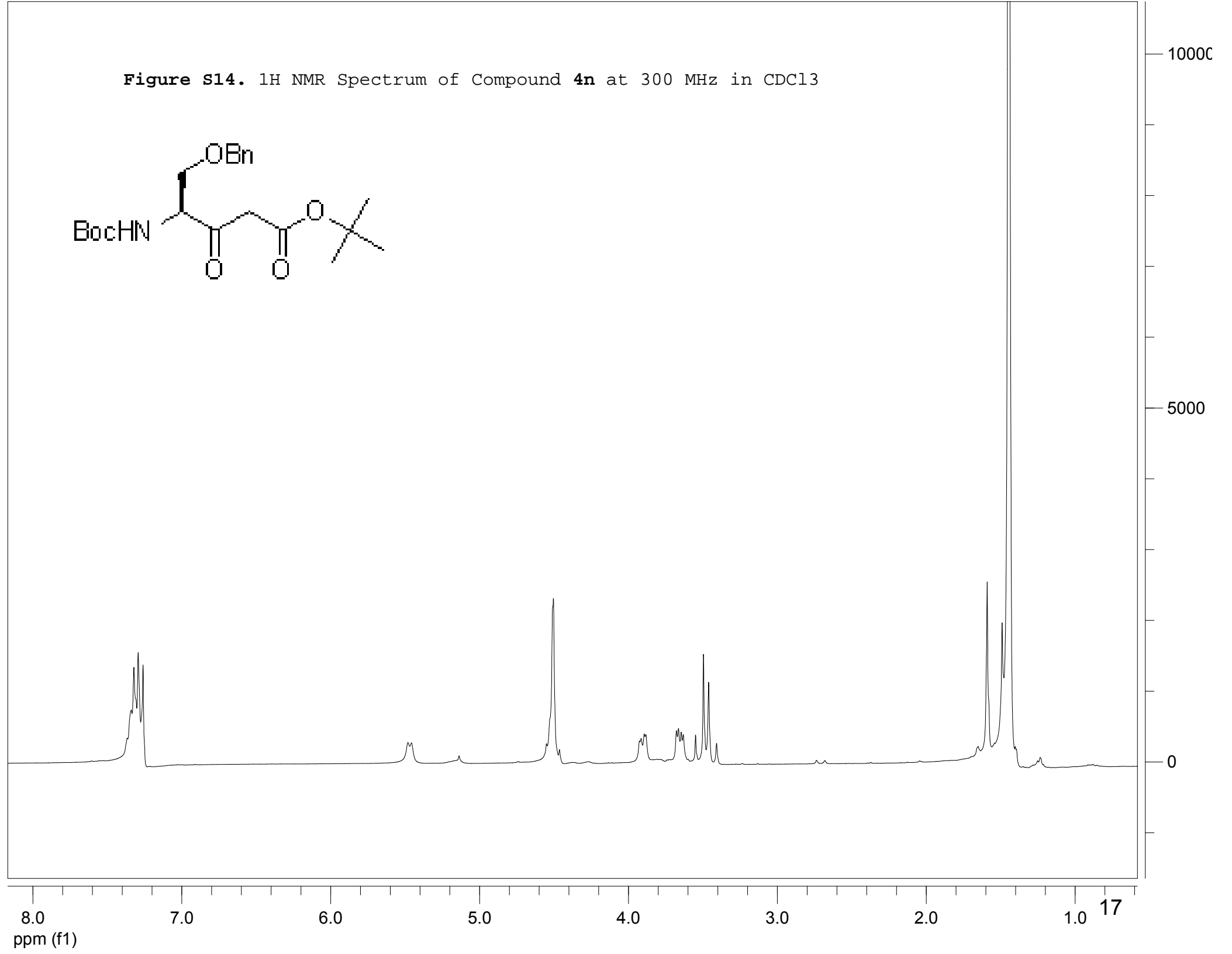
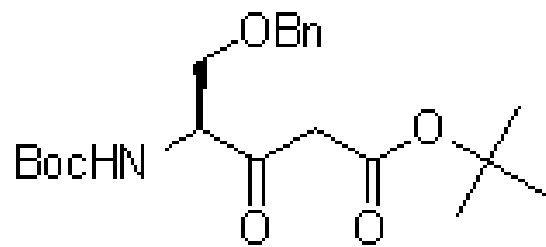


Figure S15. ¹H NMR Spectrum of Compound 4o at 300 MHz in CDCl₃

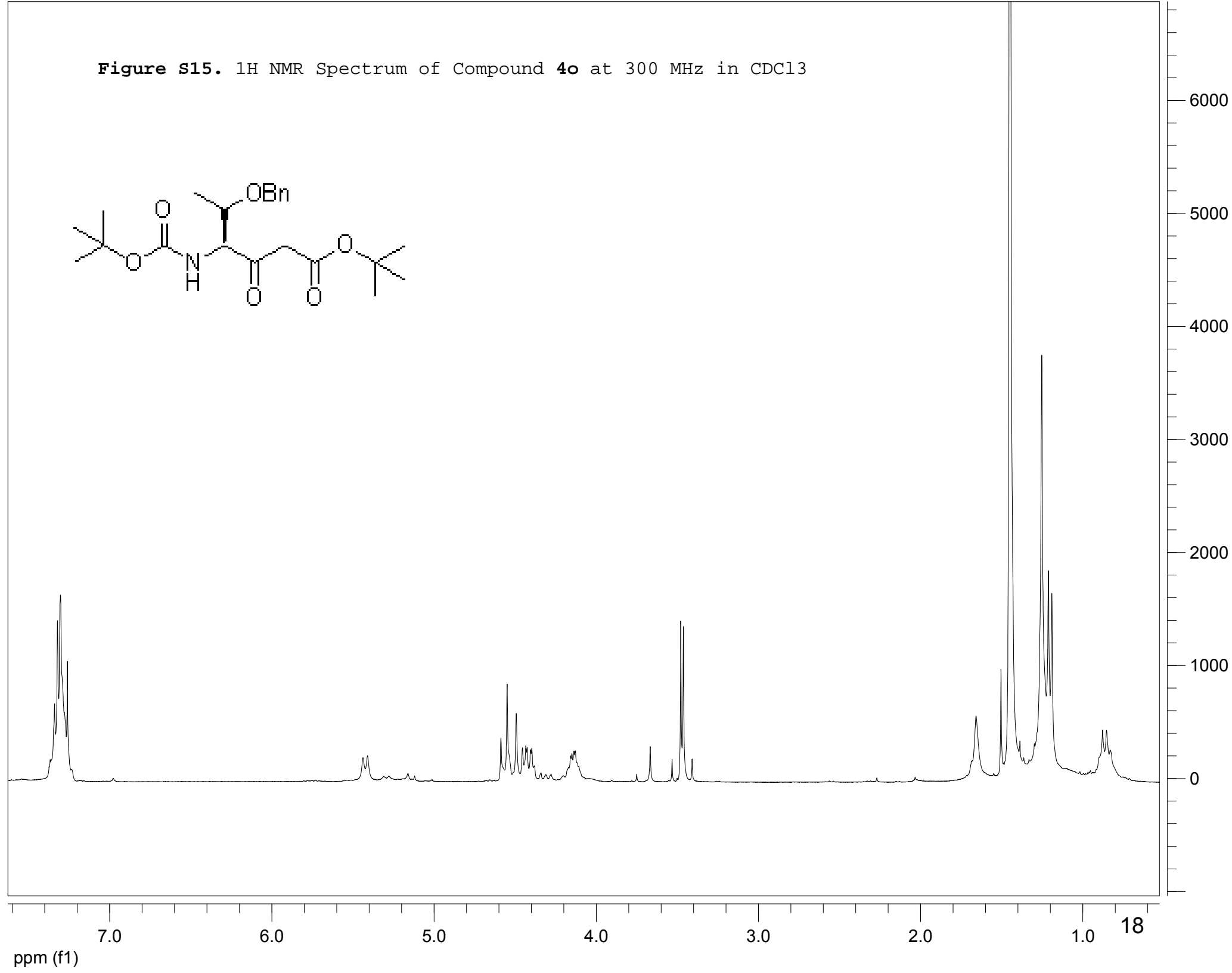
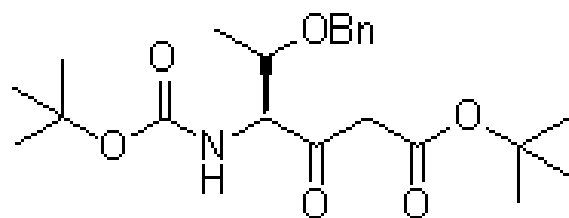


Figure S16. ¹H NMR Spectrum of Compound **4p** at 300 MHz in CDCl₃

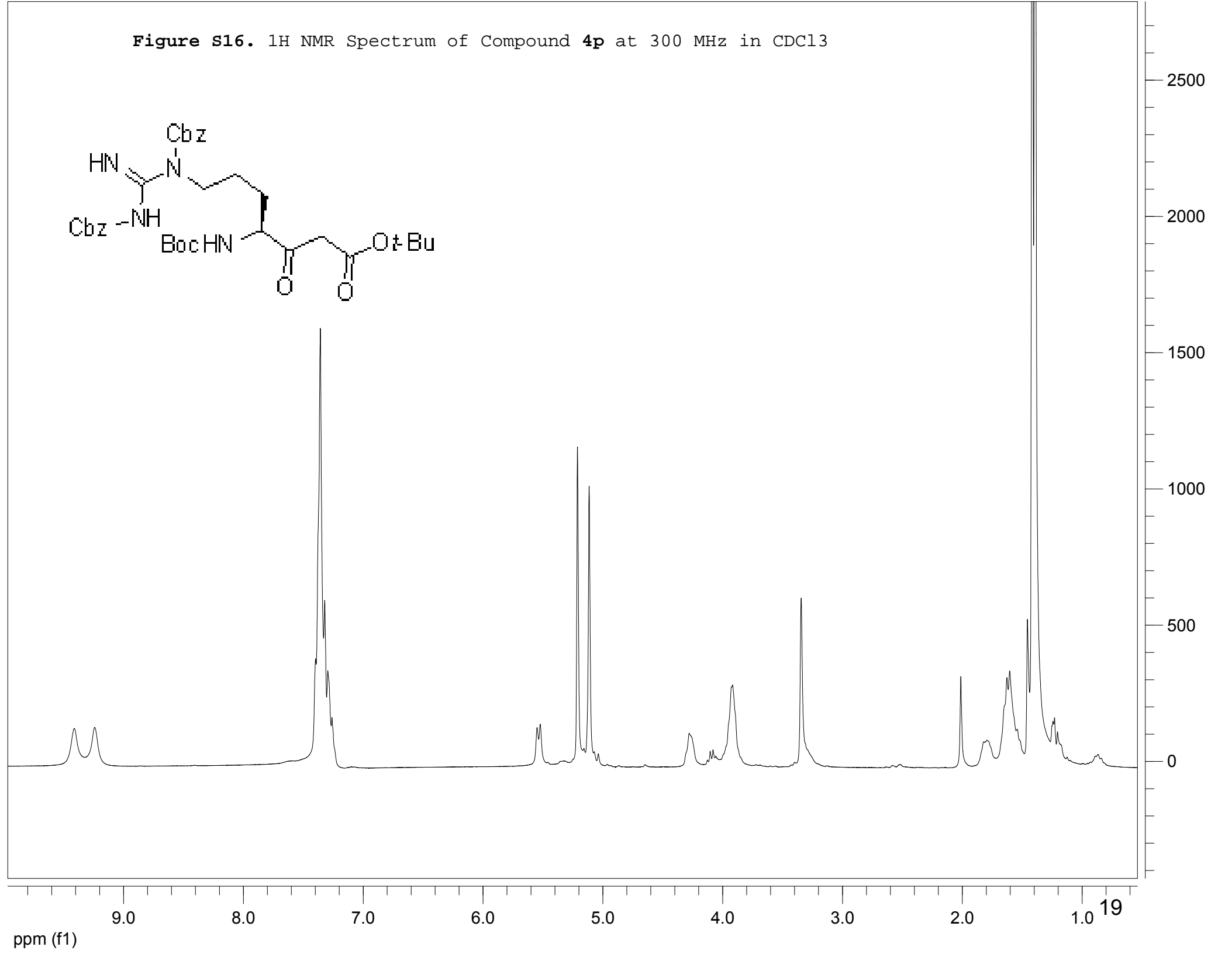
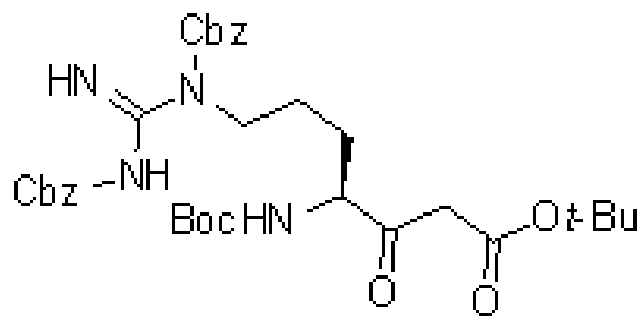


Figure S17. ¹H NMR Spectrum of Compound **4g** at 300 MHz in CDCl₃

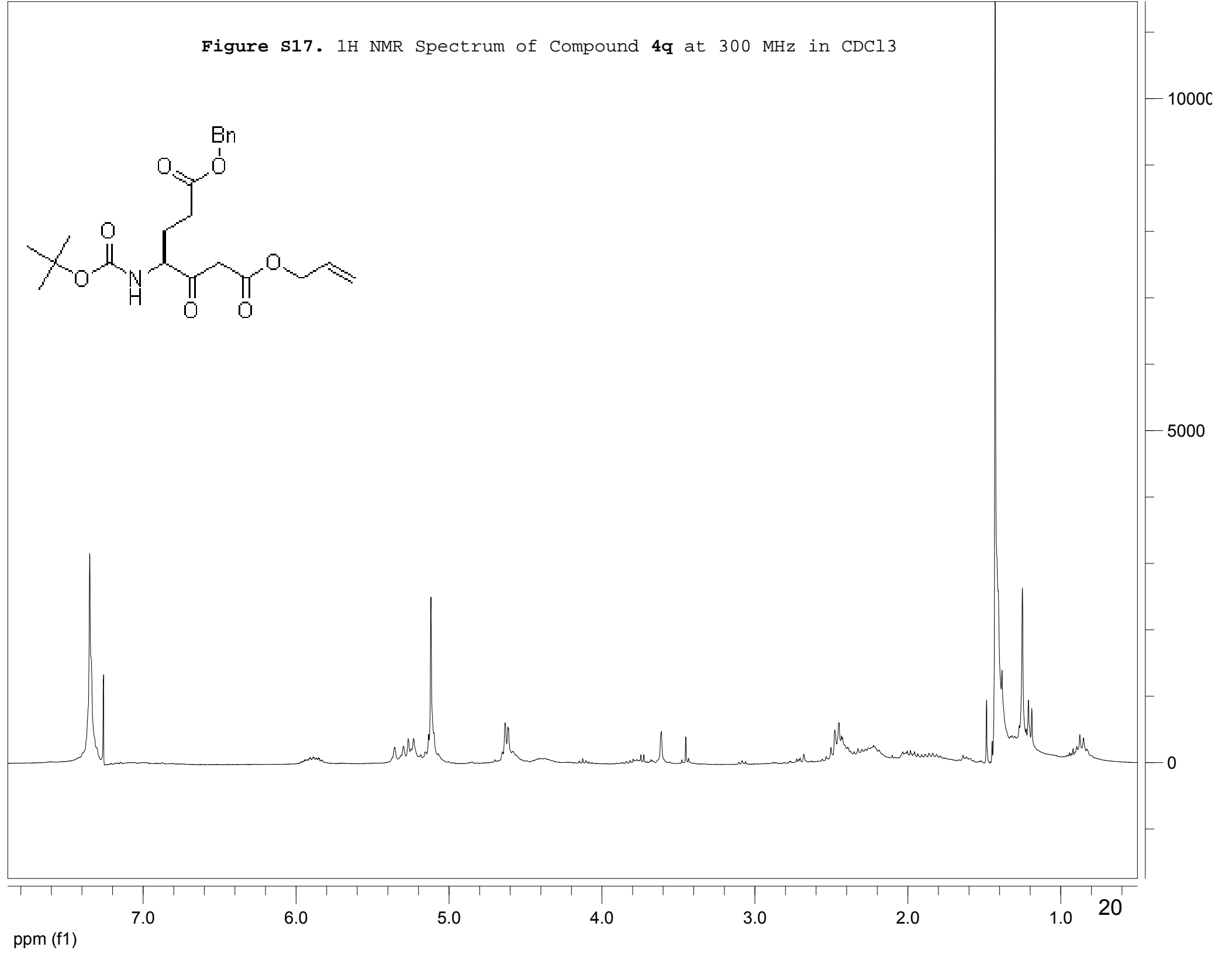
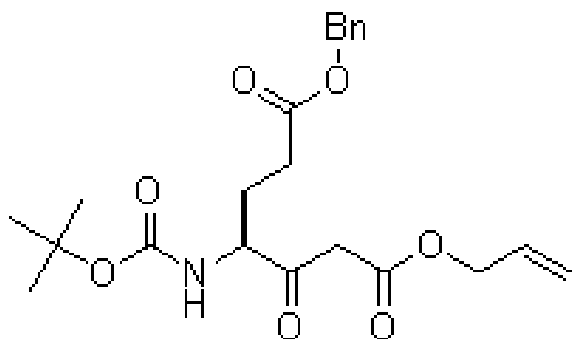


Figure S18. ¹H NMR Spectrum of Compound **4r** at 300 MHz in CDCl₃

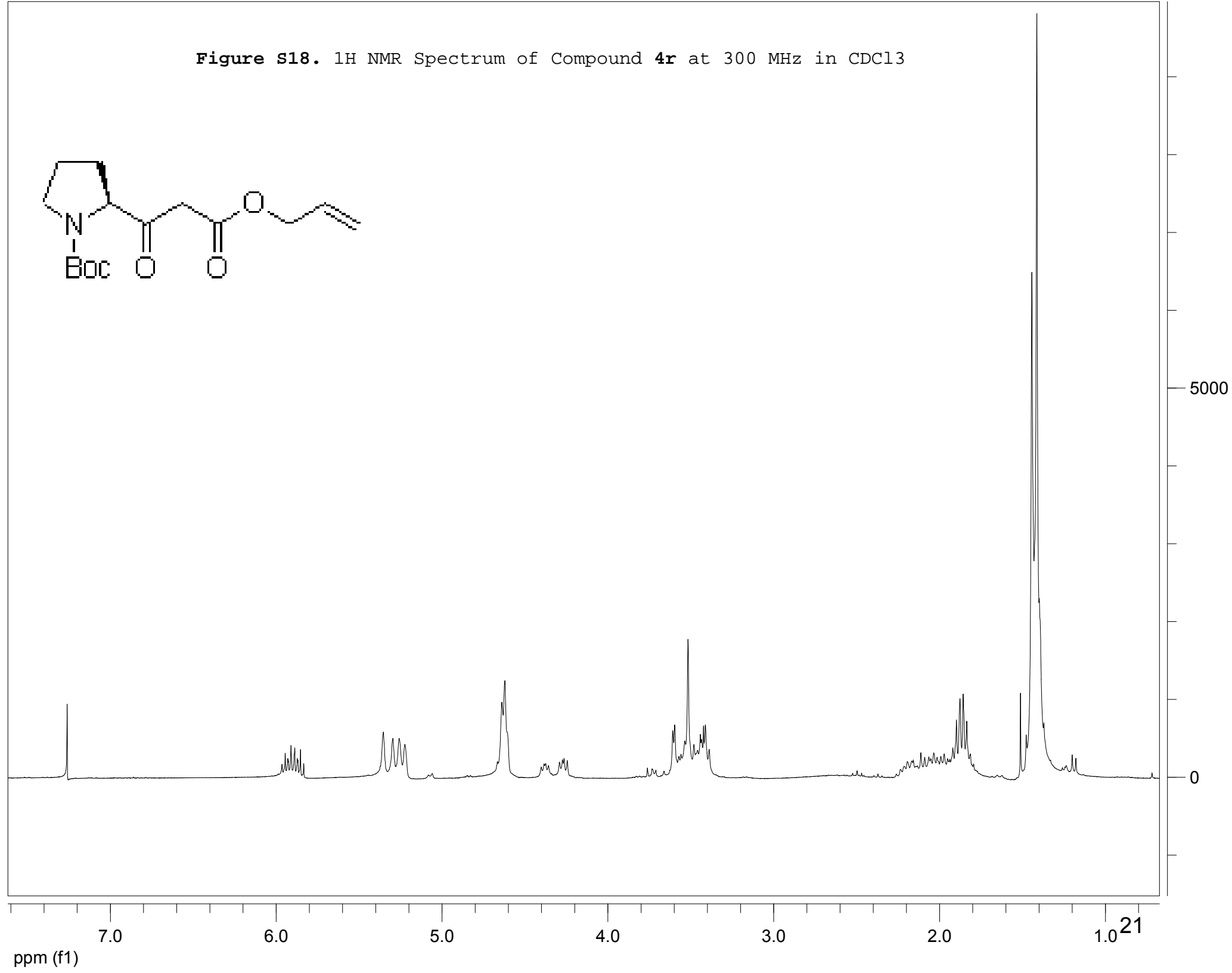
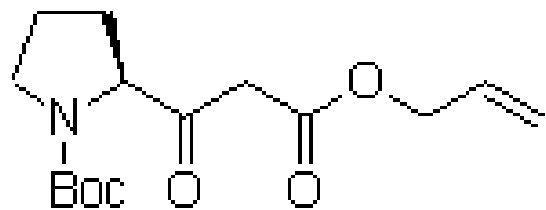


Figure S19. ¹H NMR Spectrum of Compound 6a at 300 MHz in CDCl₃

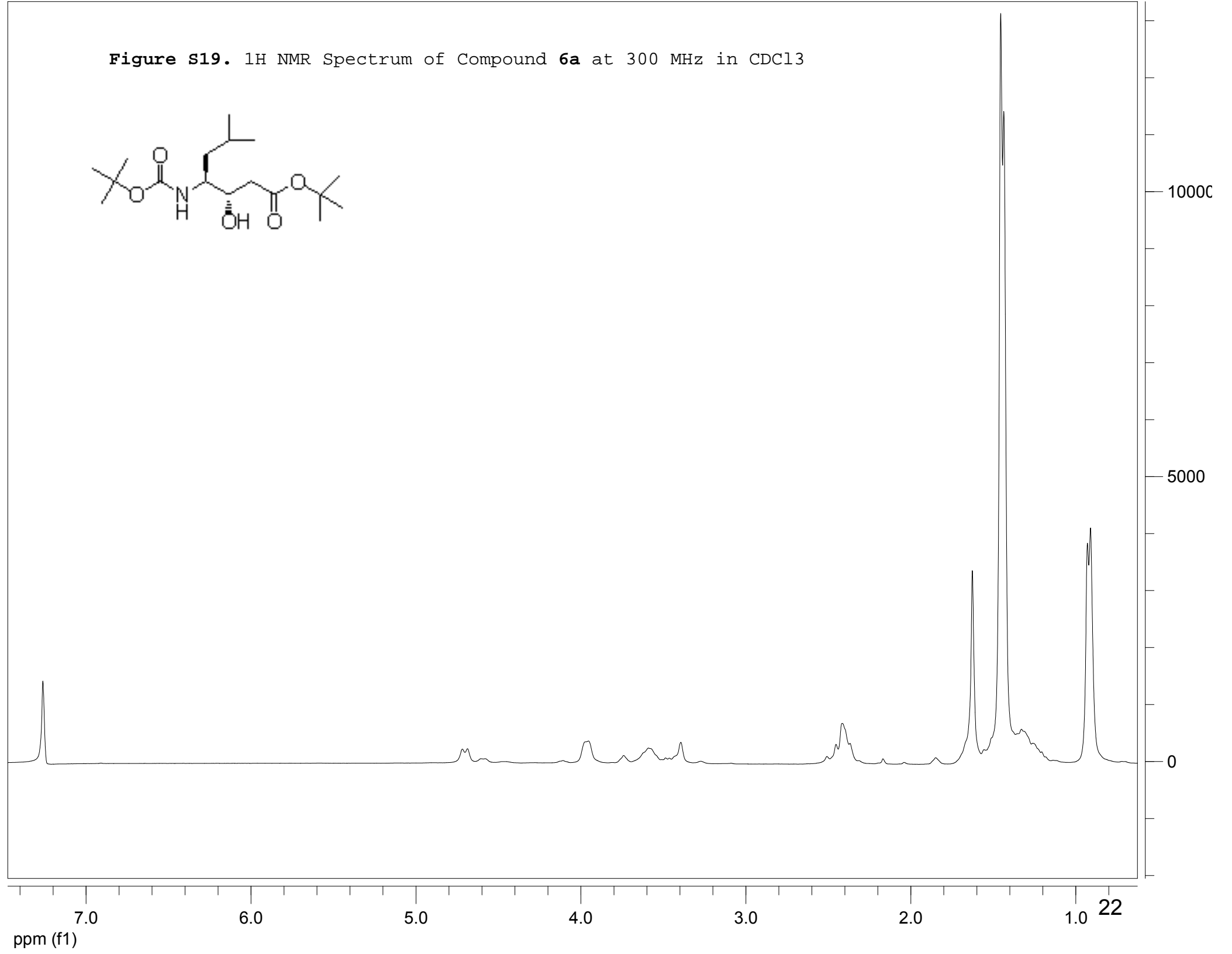
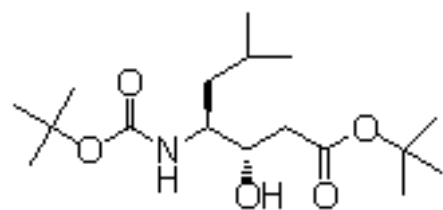


Figure S20. ¹H NMR Spectrum of Compound **6b** at 300 MHz in CDCl₃

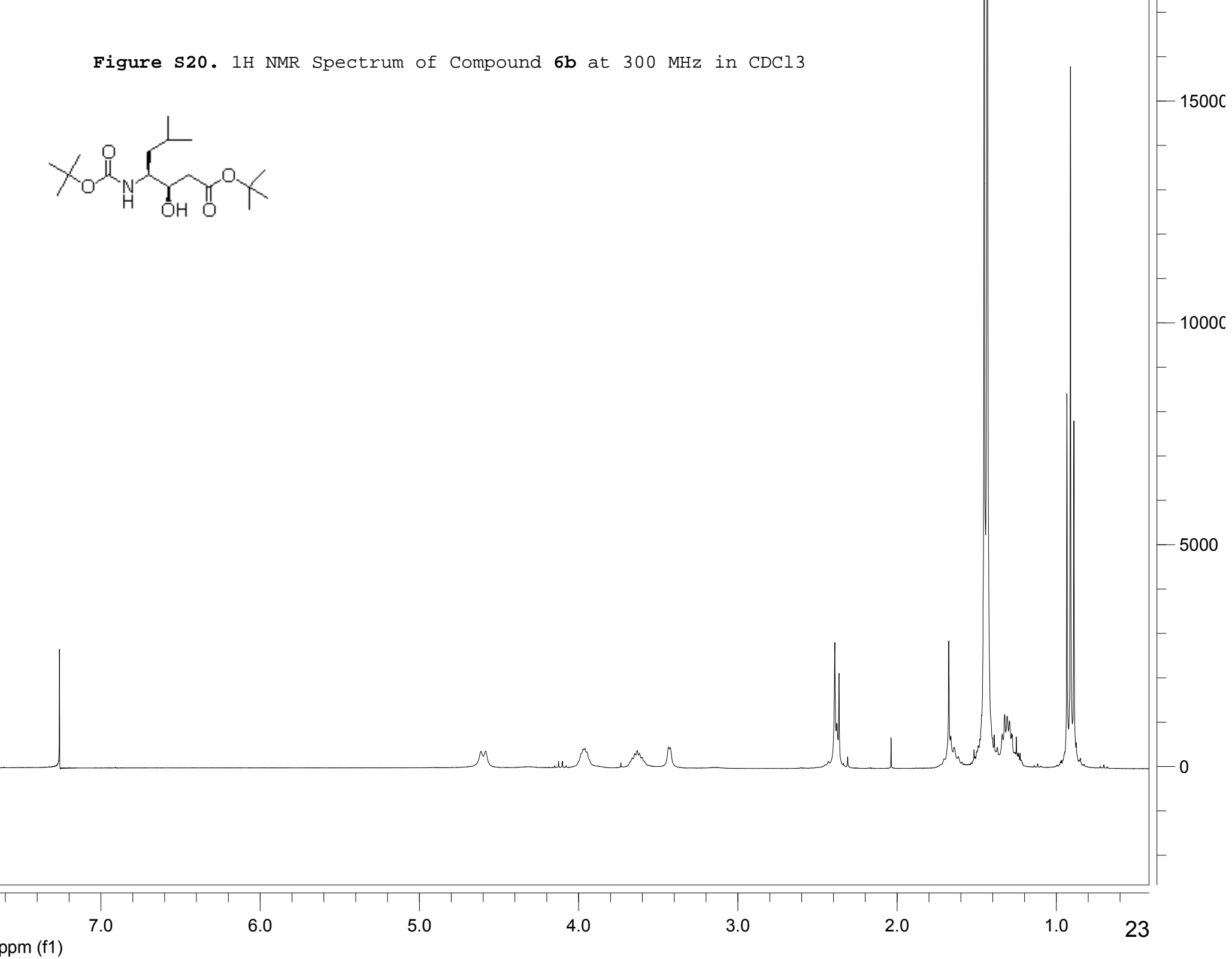
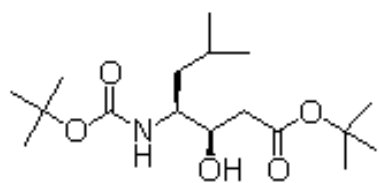


Figure S21. ¹H NMR Spectrum of Compound 7a at 300 MHz in CDCl₃

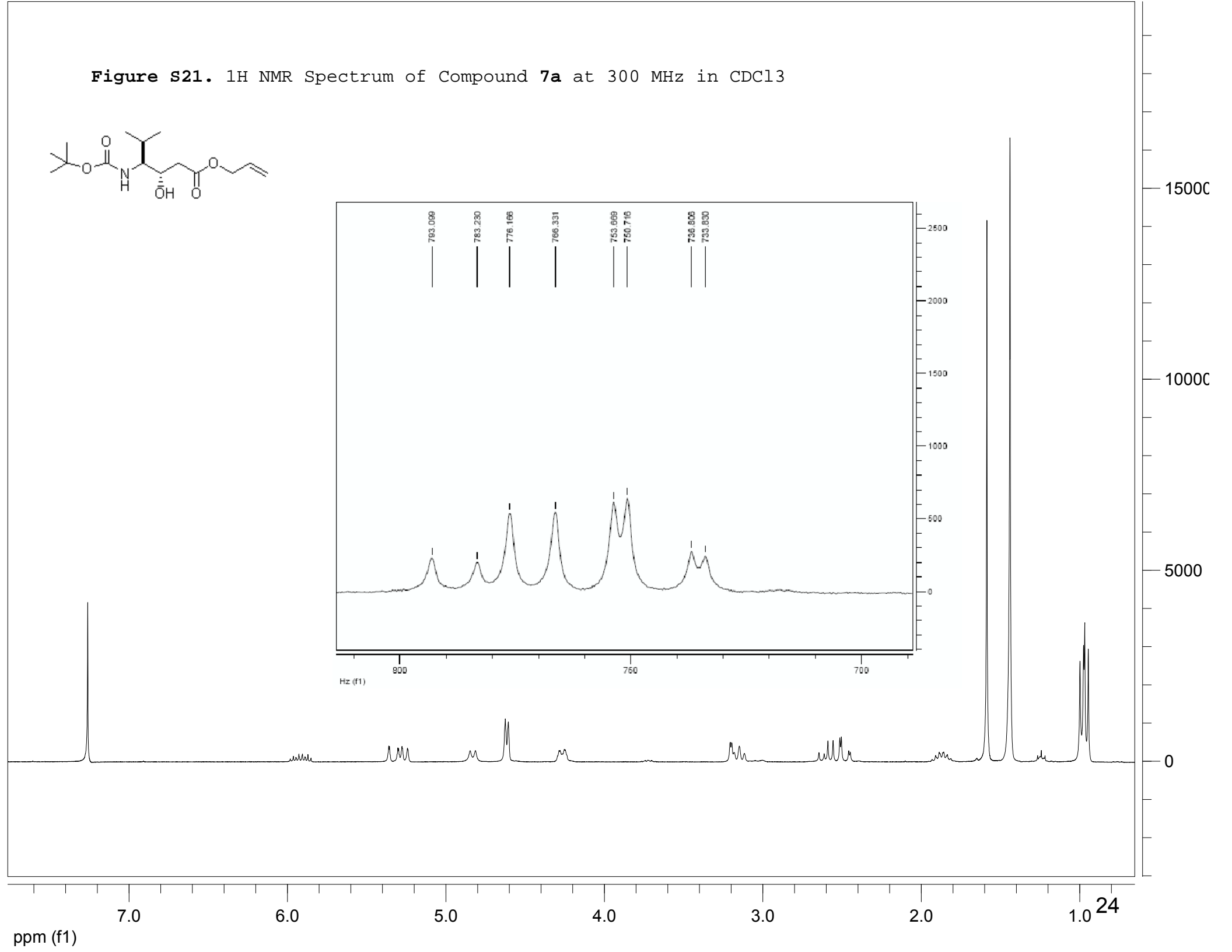
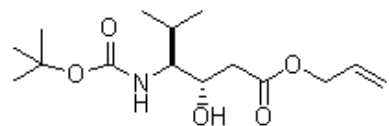


Figure S22. ¹H NMR Spectrum of Compound **7b** at 300 MHz in CDCl₃

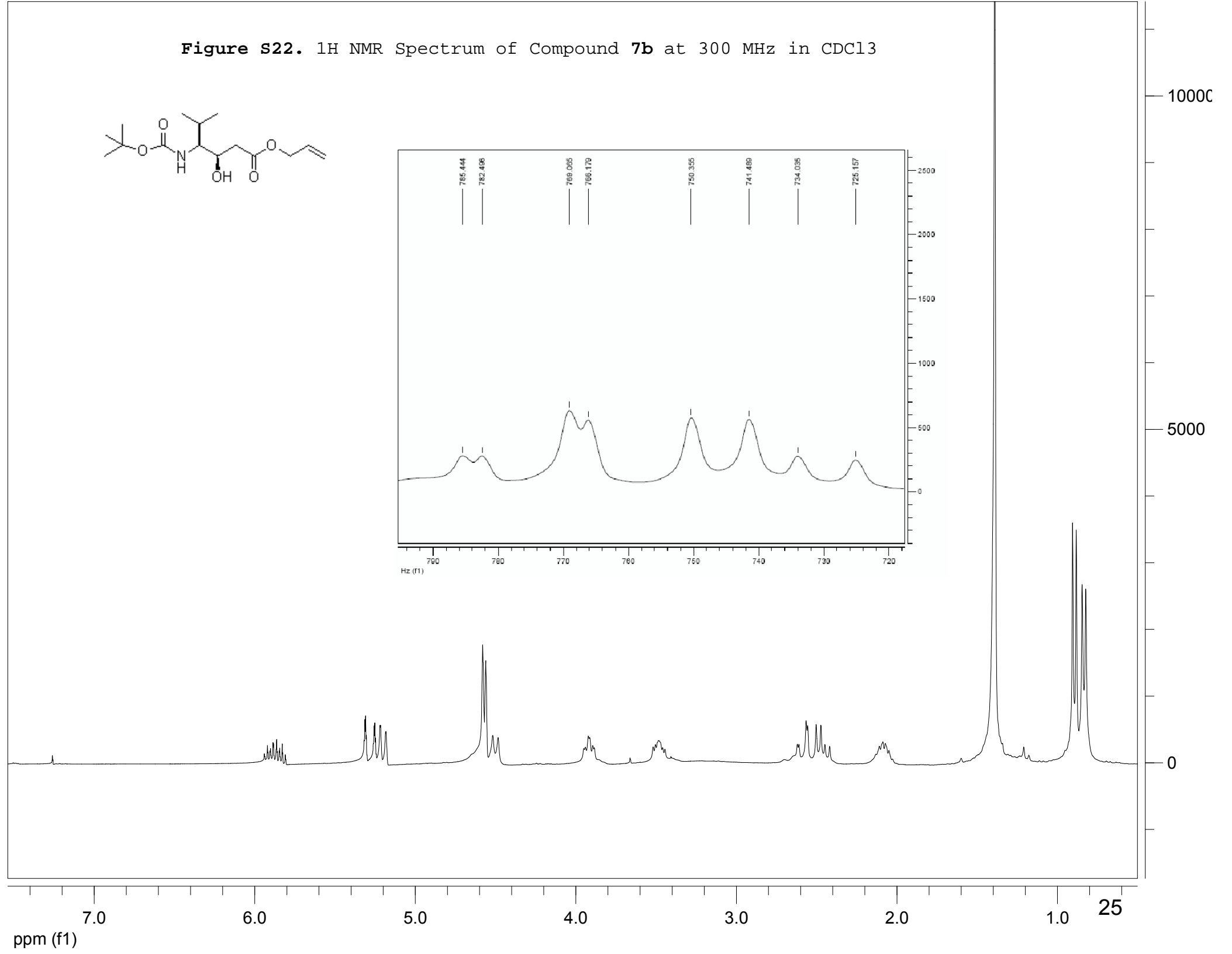
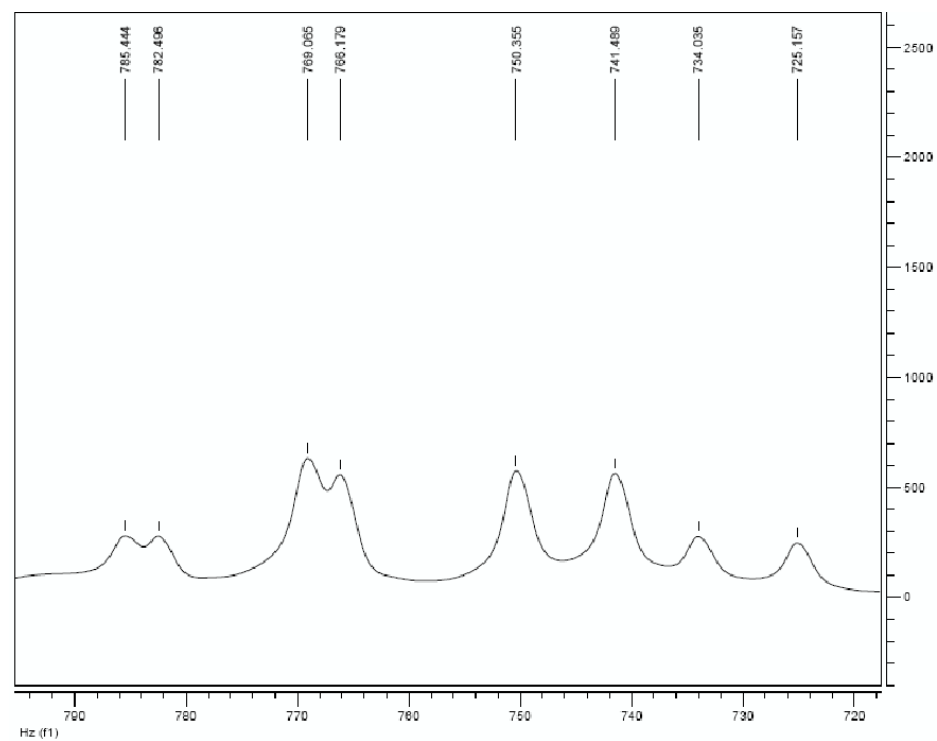
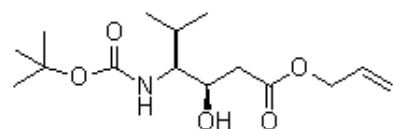


Figure S23. ¹H NMR Spectrum of Compound **8a** at 300 MHz in CDCl₃

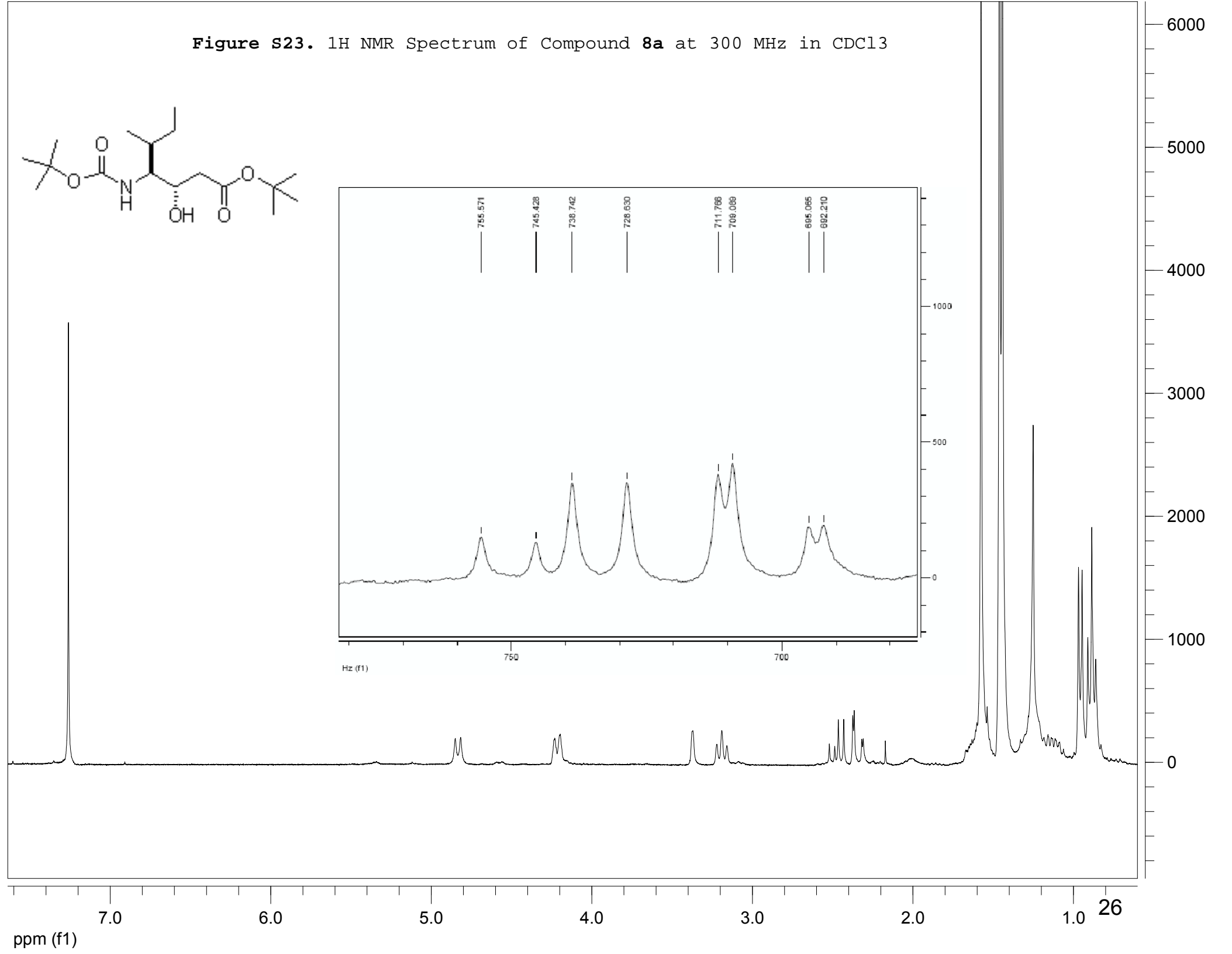
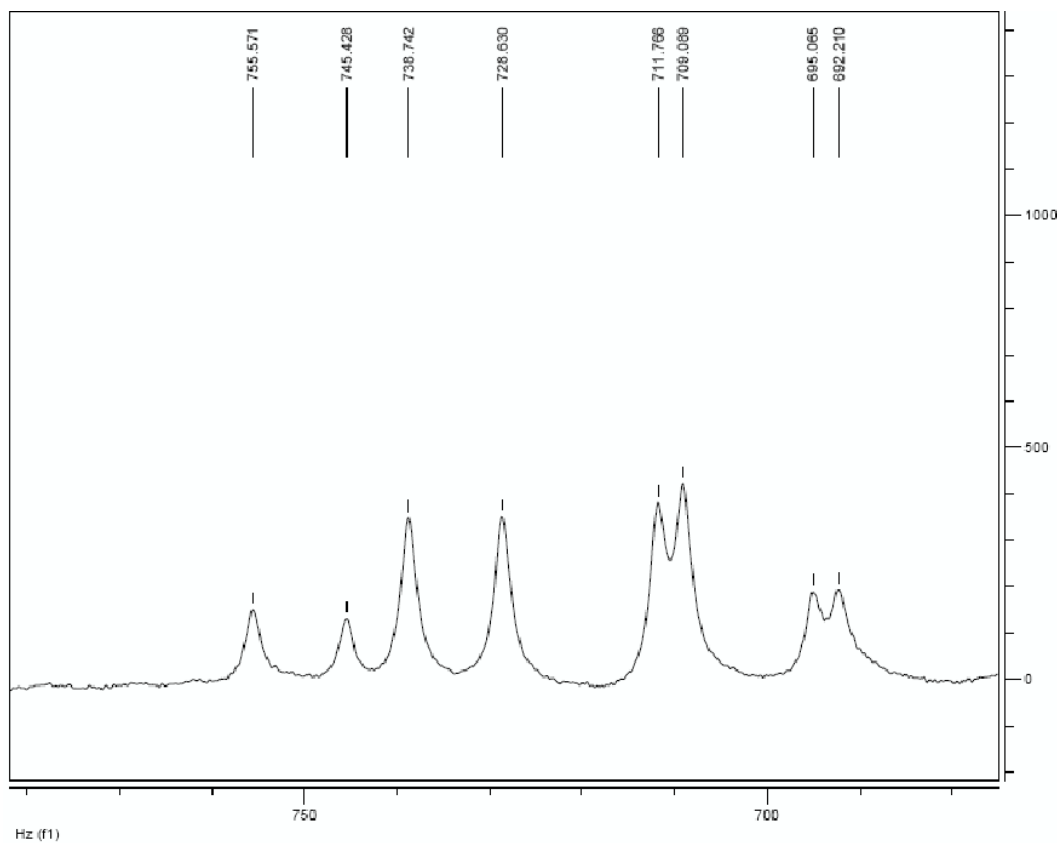
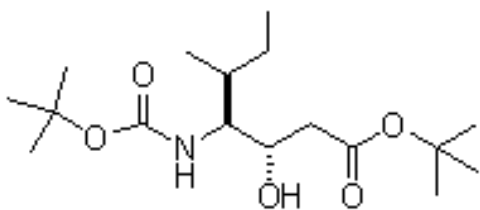
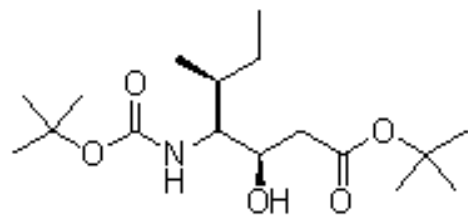


Figure S24. ¹H NMR Spectrum of Compound 8b at 300 MHz in CDCl₃



compound 8b

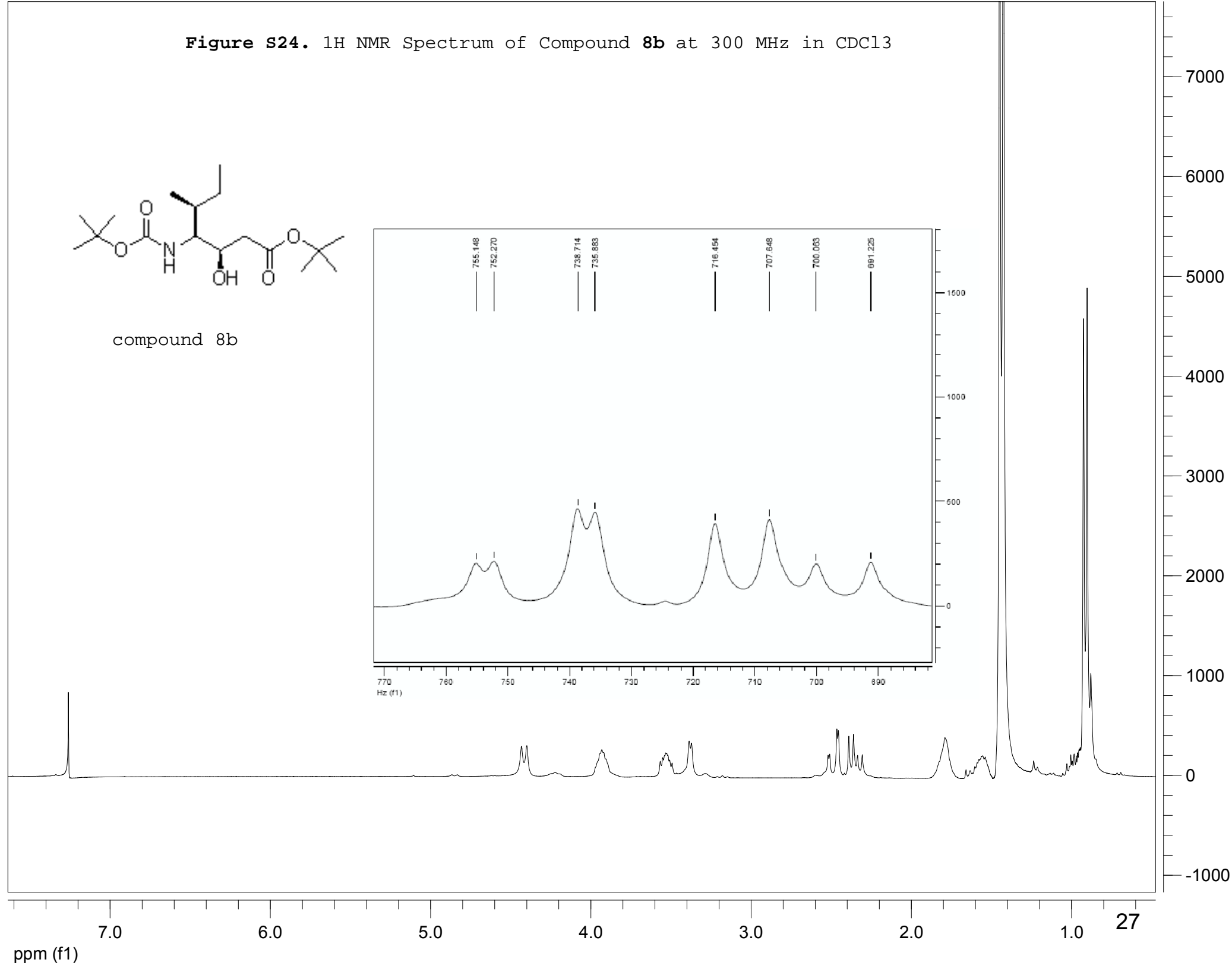
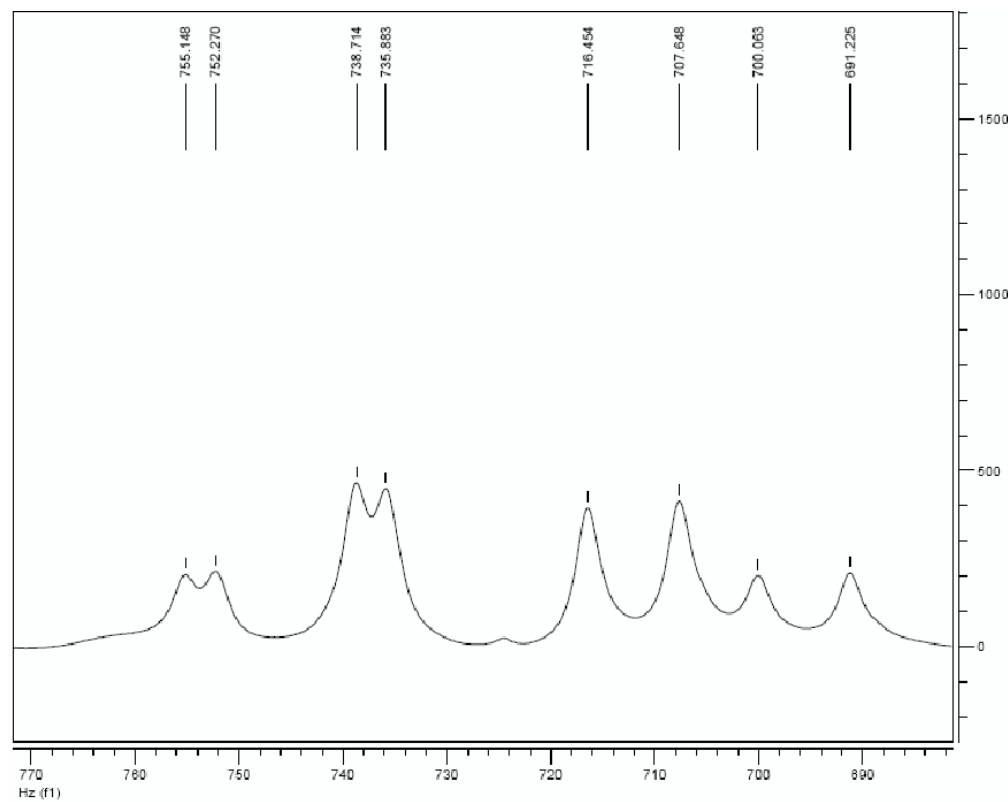


Figure S25. ¹H NMR Spectrum of Compound 10a at 300 MHz in CDCl₃

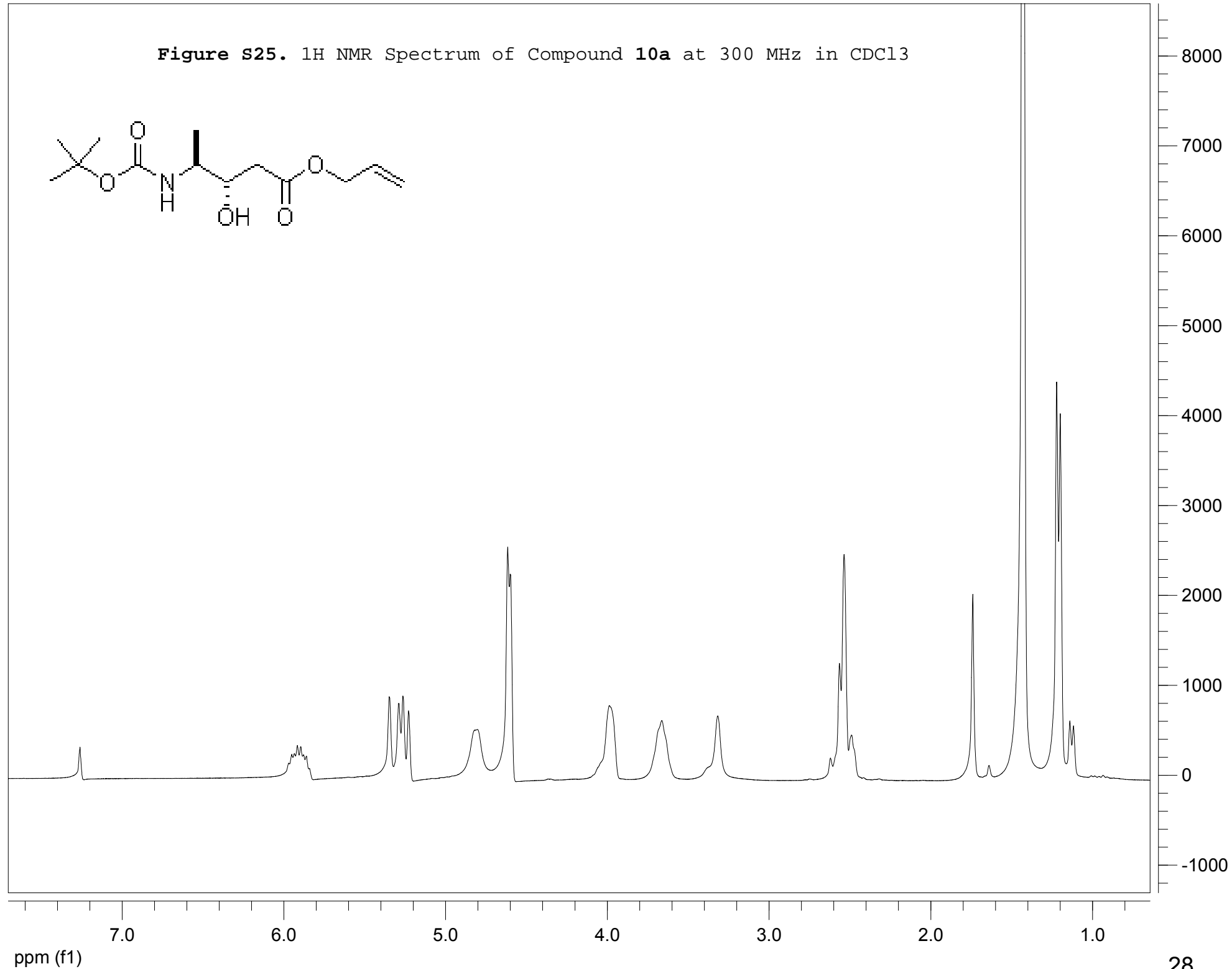
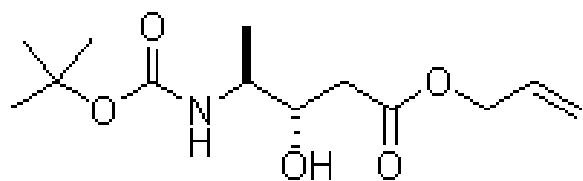


Figure S26. ¹H NMR Spectrum of Compound 10a at 300 MHz in DMSO-d₆

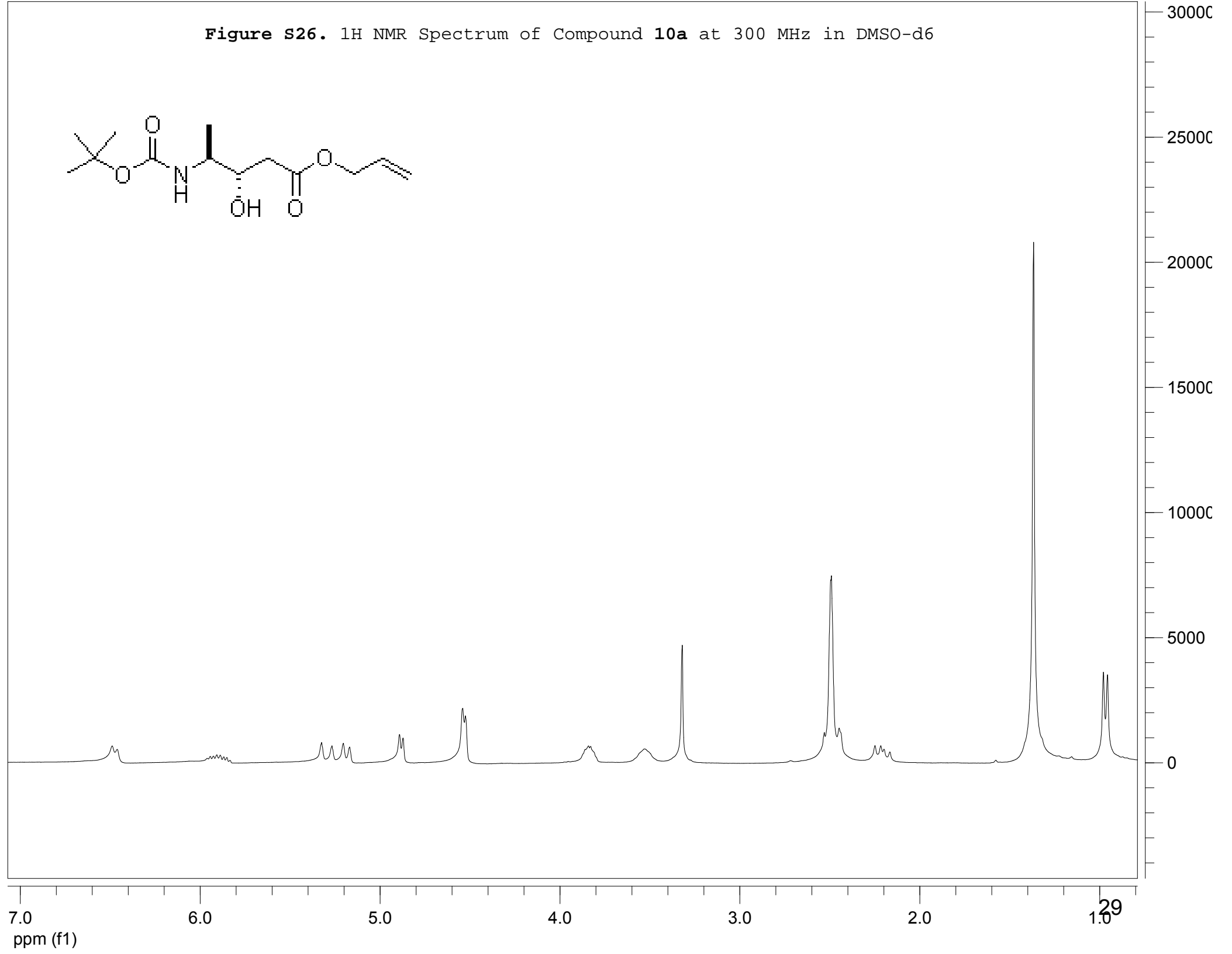
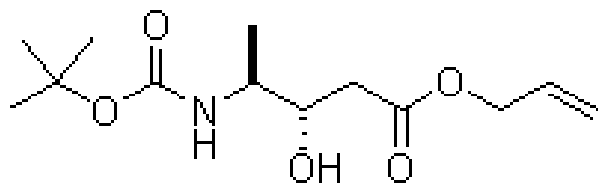


Figure S27. ¹H NMR Spectrum of Compound **10b** at 300 MHz in CDCl₃

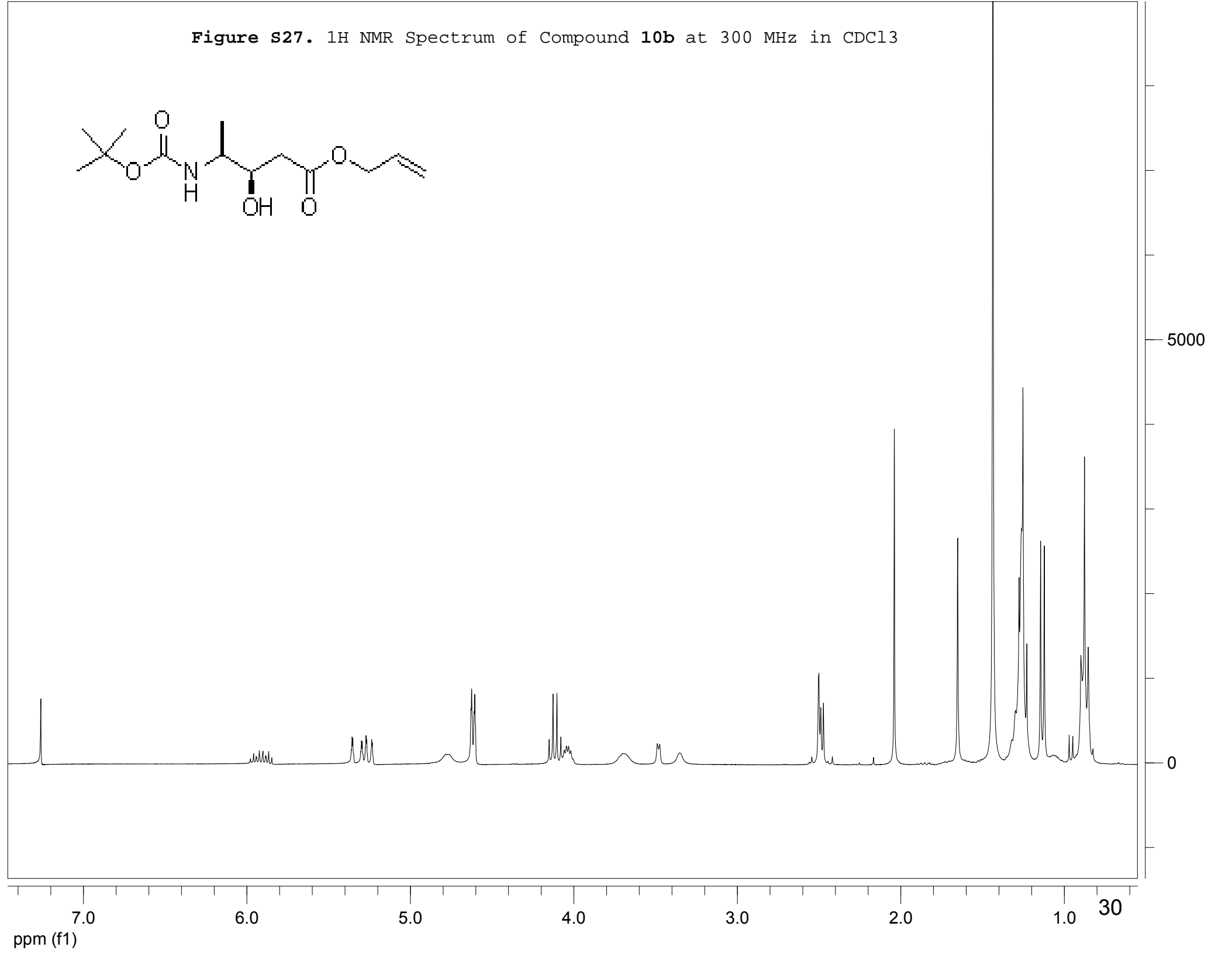
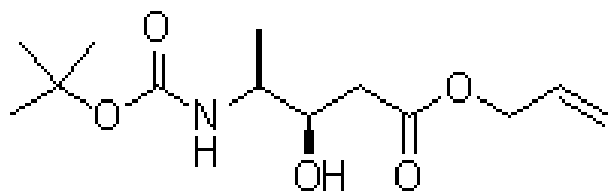


Figure S28. ¹H NMR Spectrum of Compound **10b** at 300 MHz in DMSO-d₆

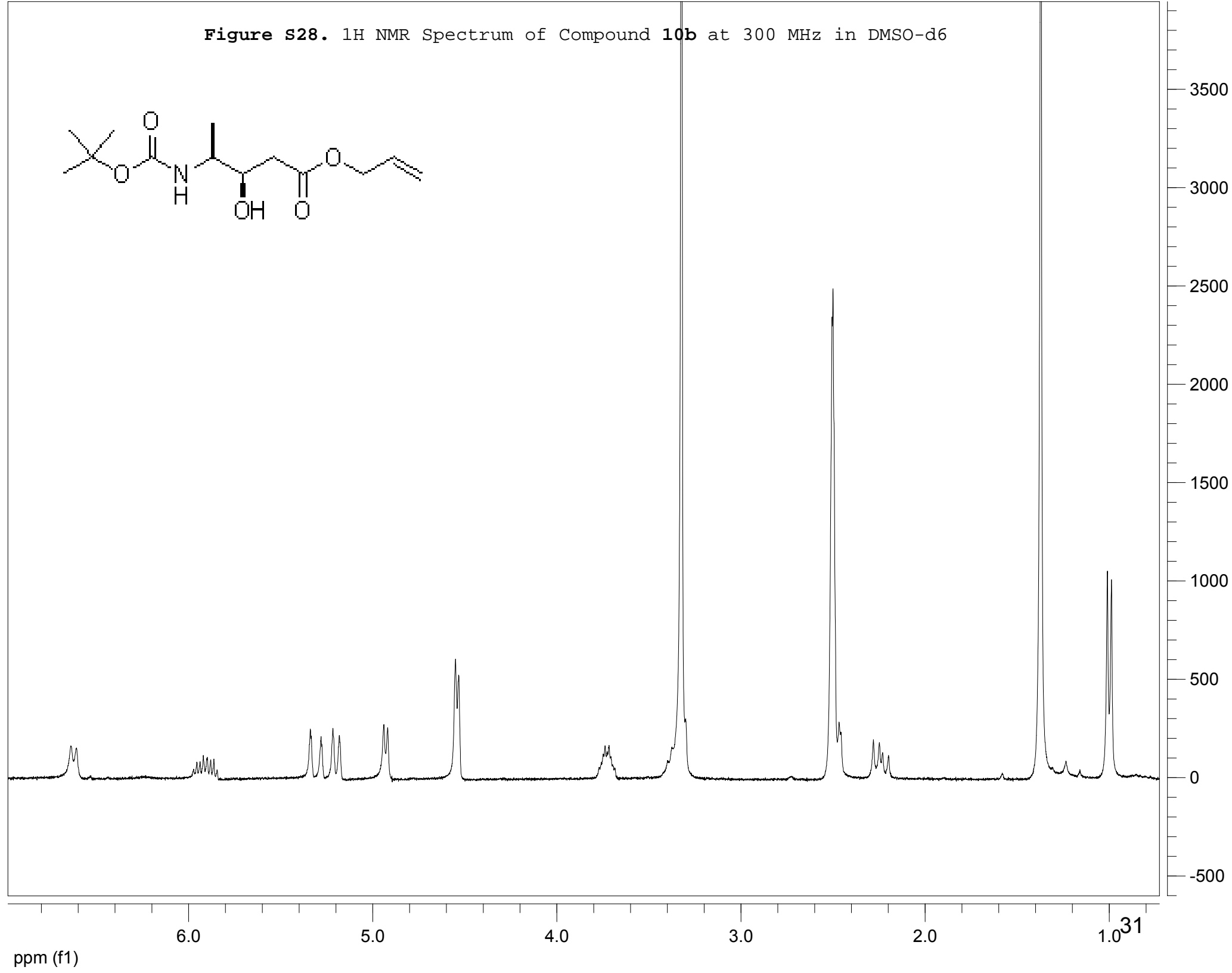
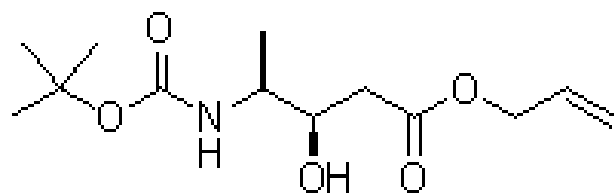


Figure S29. ¹H NMR Spectrum of Compound **11a** at 300 MHz in CDCl₃

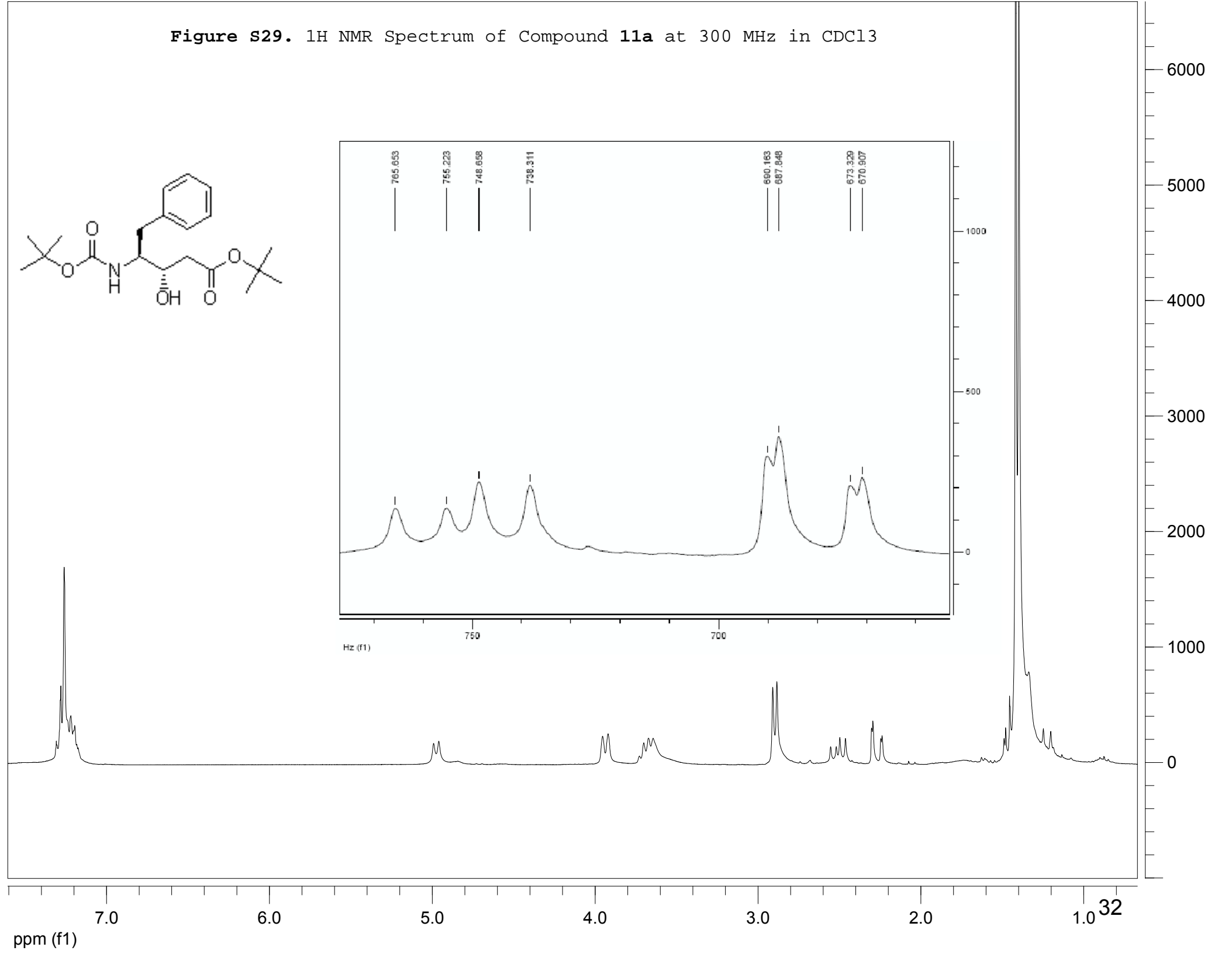
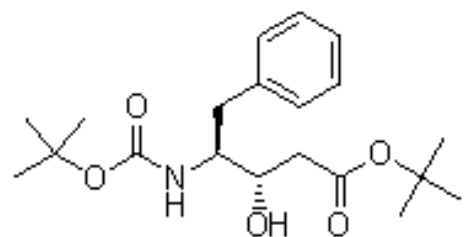


Figure S30. ¹H NMR Spectrum of Compound **11a** at 300 MHz in DMSO-d₆

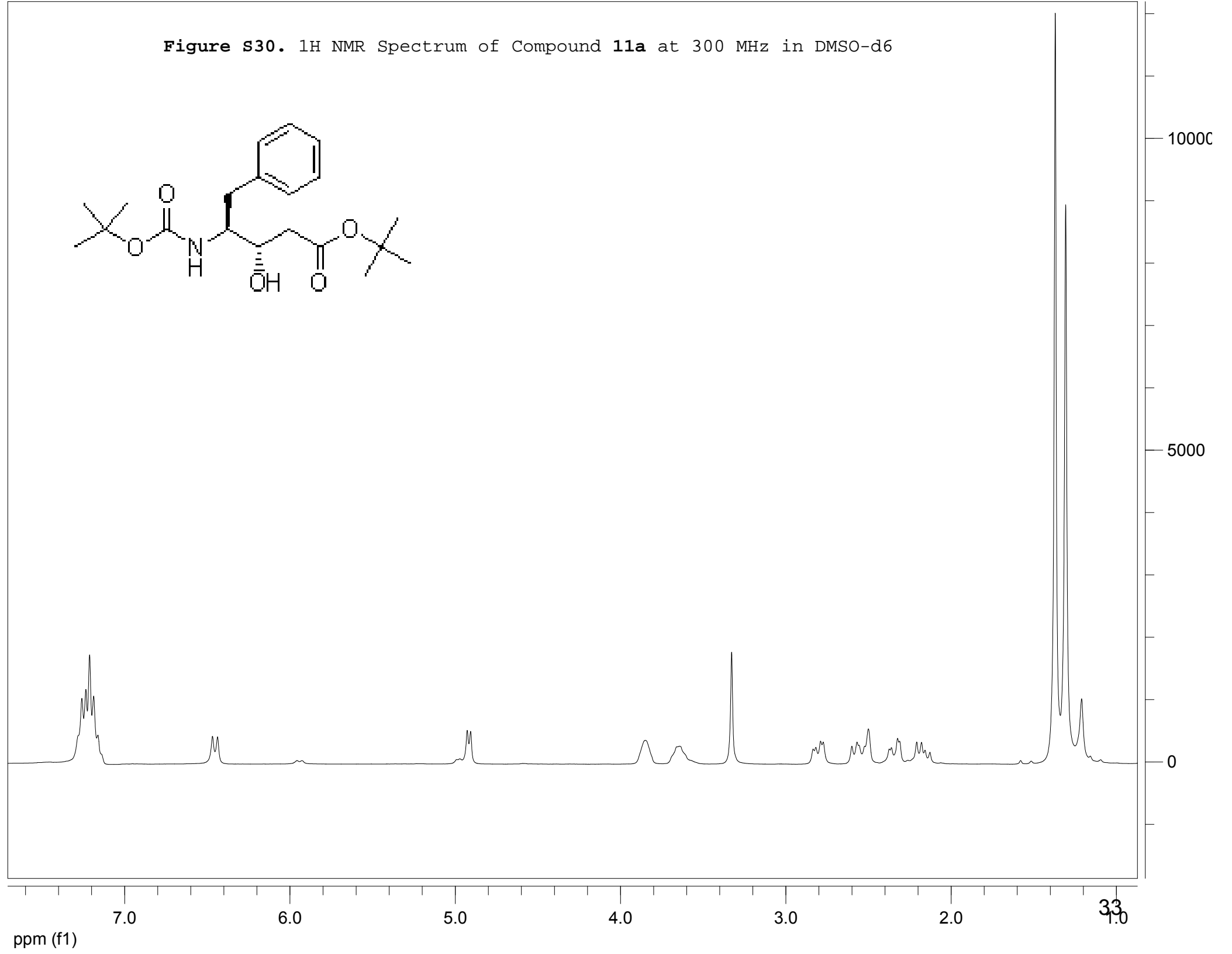
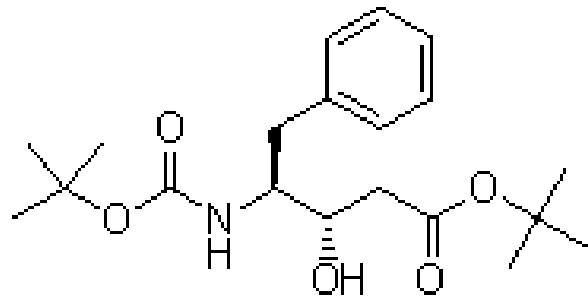


Figure S31. ¹H NMR Spectrum of Compound **11b** at 300 MHz in CDCl₃

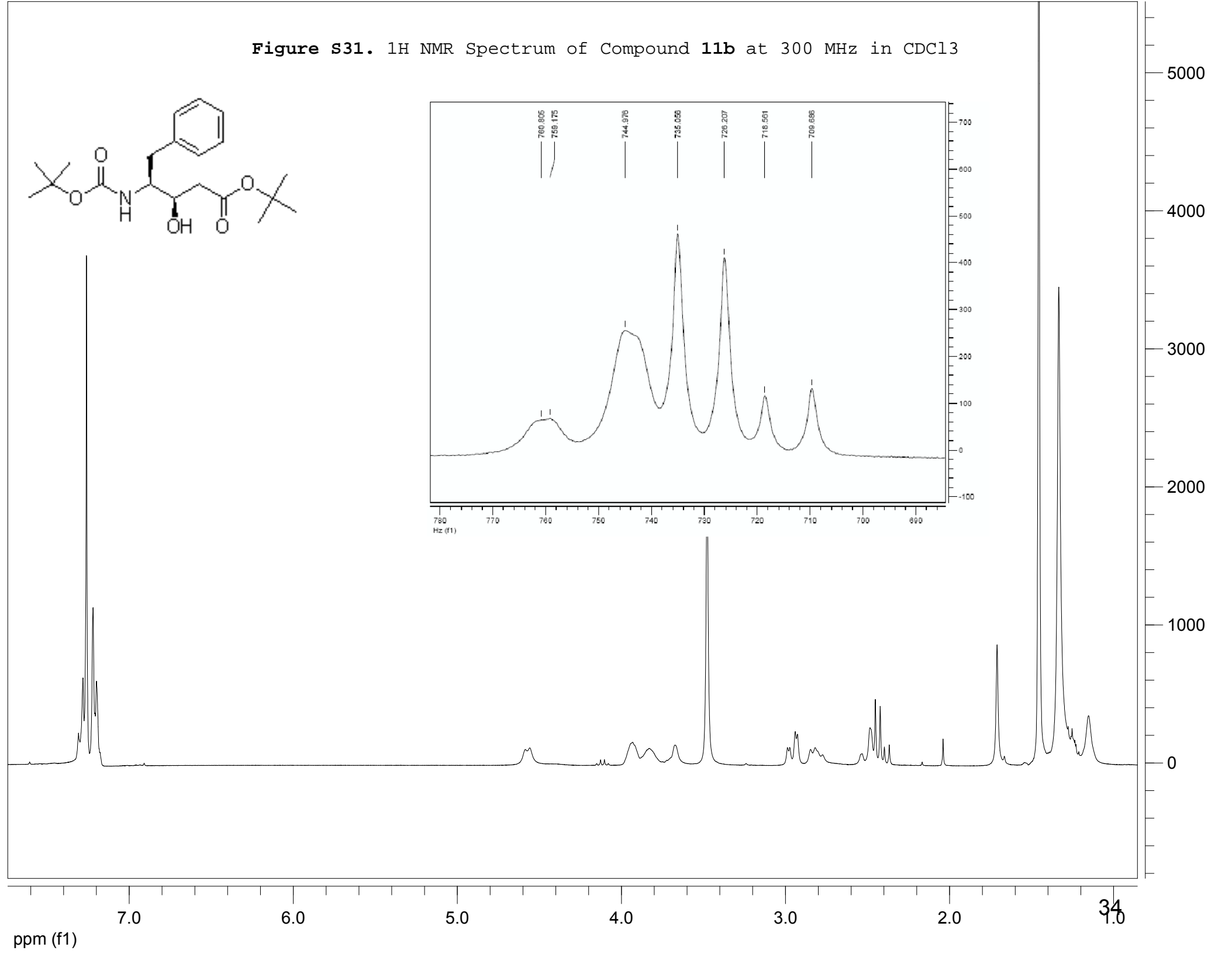
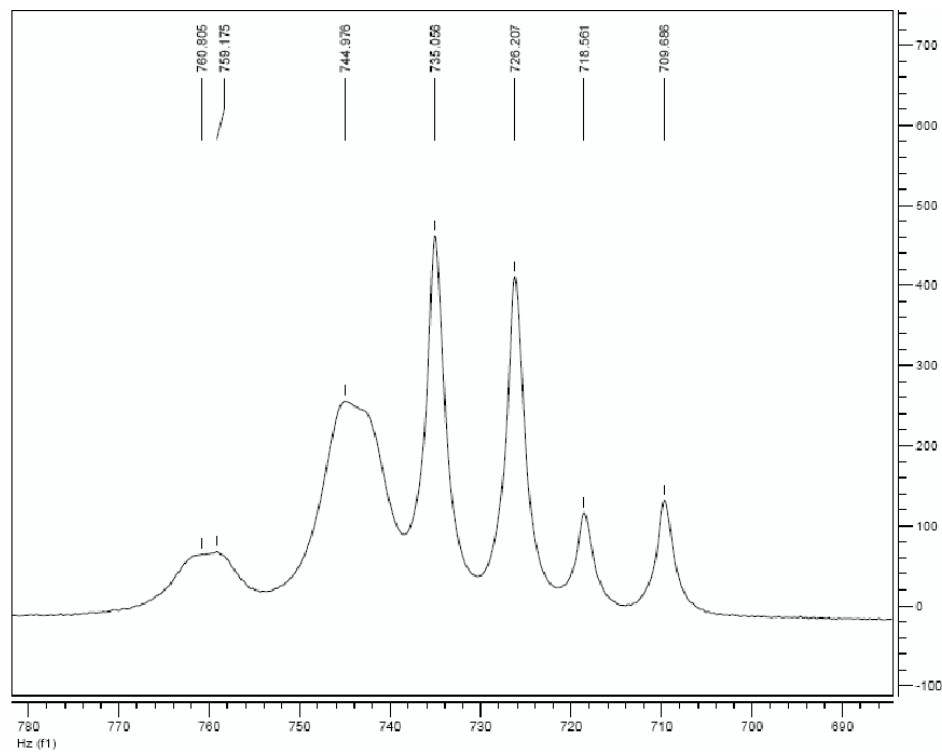
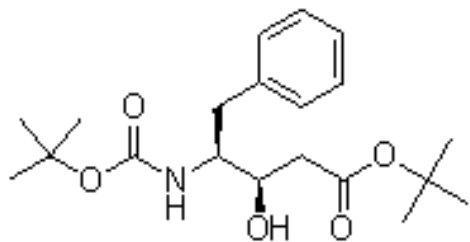


Figure S32. ¹H NMR Spectrum of Compound **11b** at 300 MHz in DMSO-d₆

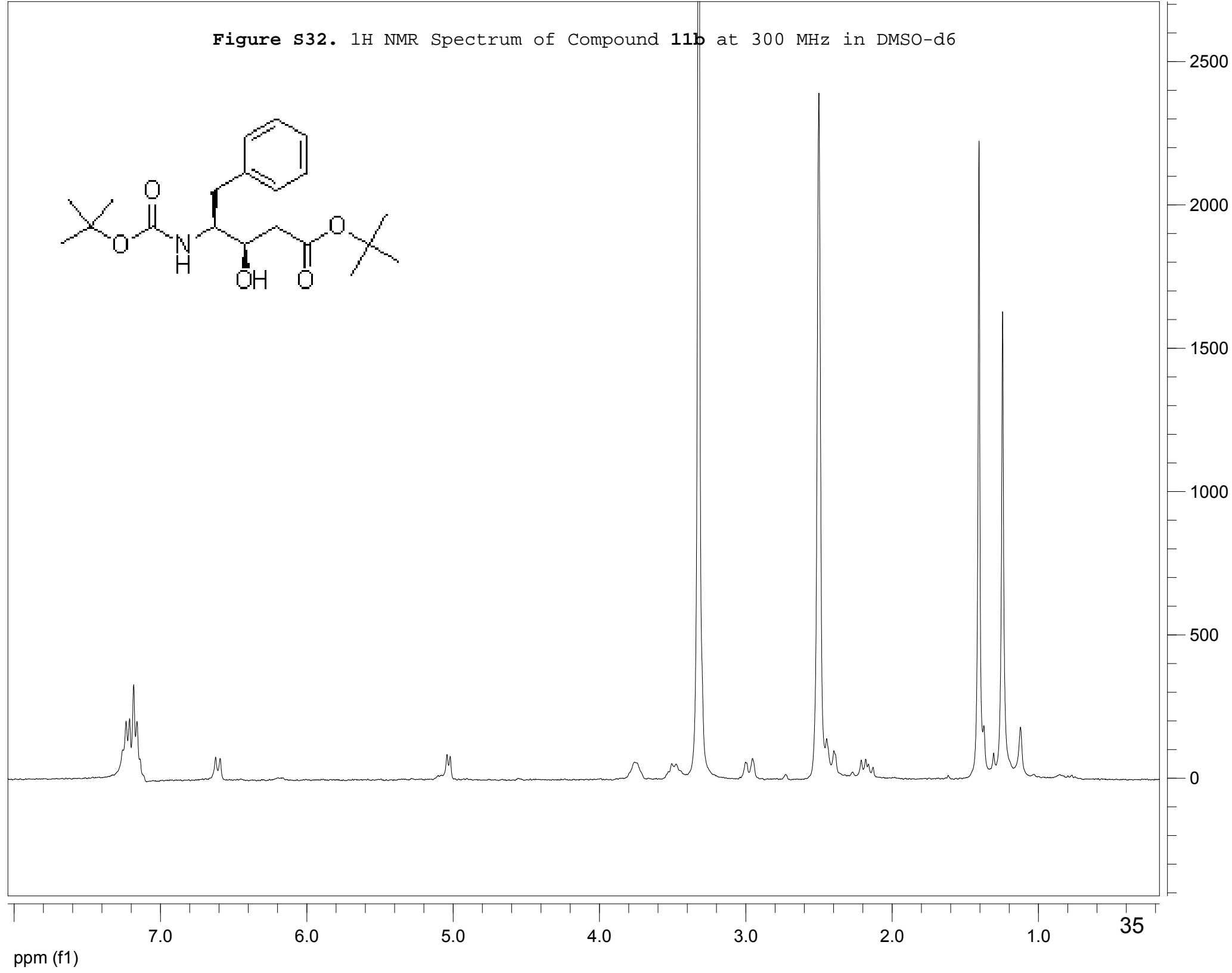
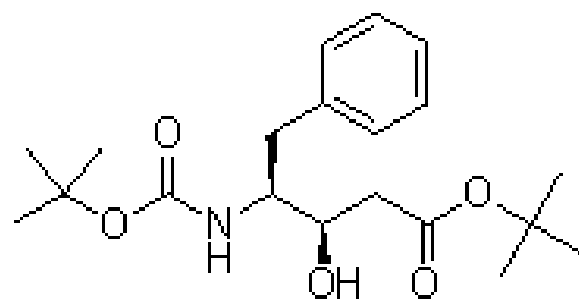


Figure S33. ¹H NMR Spectrum of Compound **11c** at 500 MHz in CDCl₃

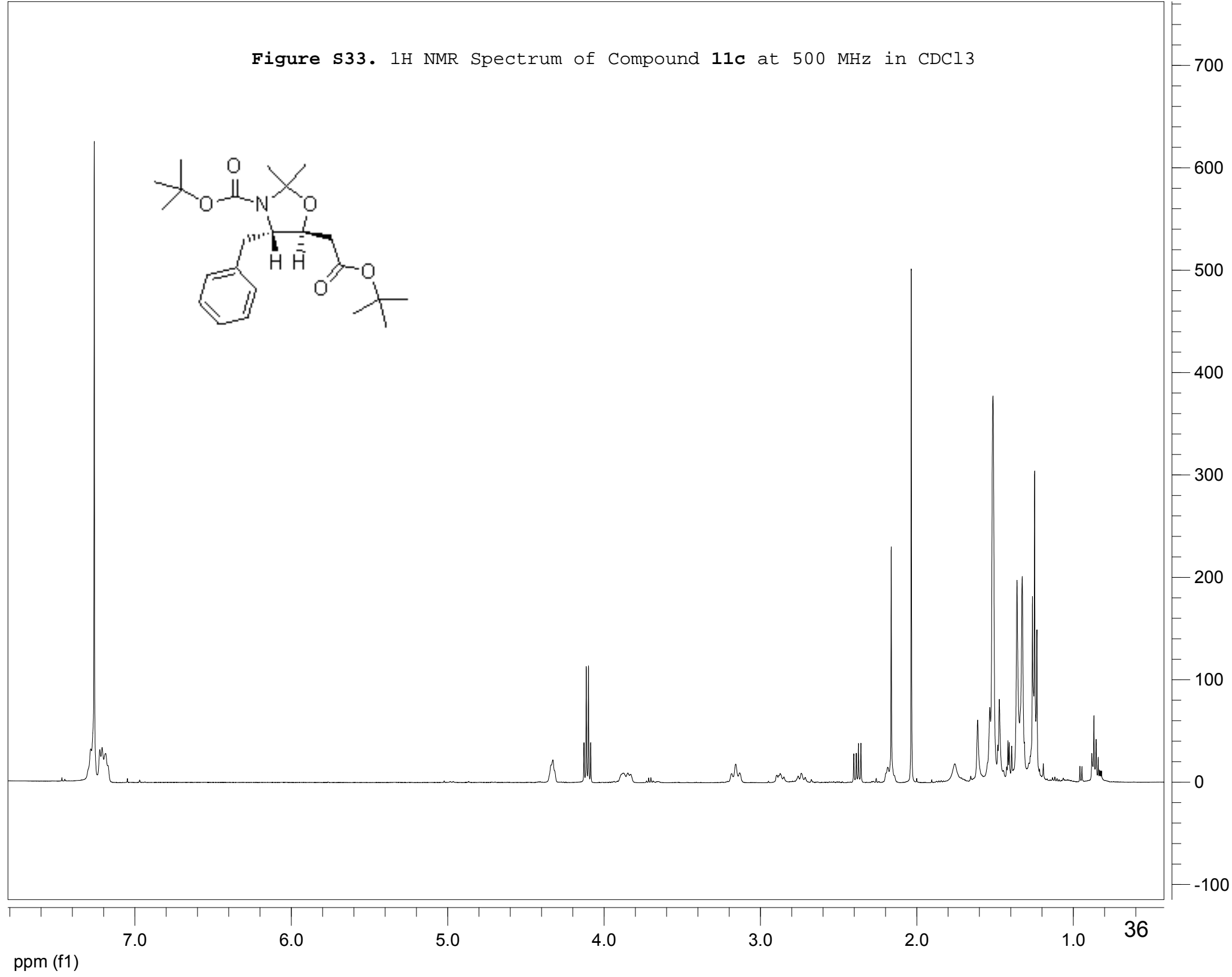
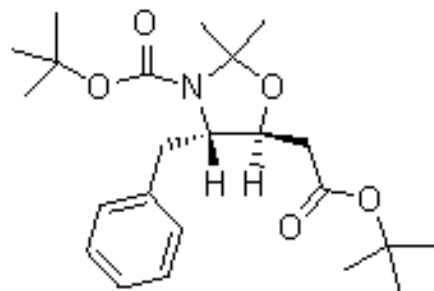


Figure S34. ¹H NMR Spectrum of Compound 12a at 300 MHz in CDCl₃

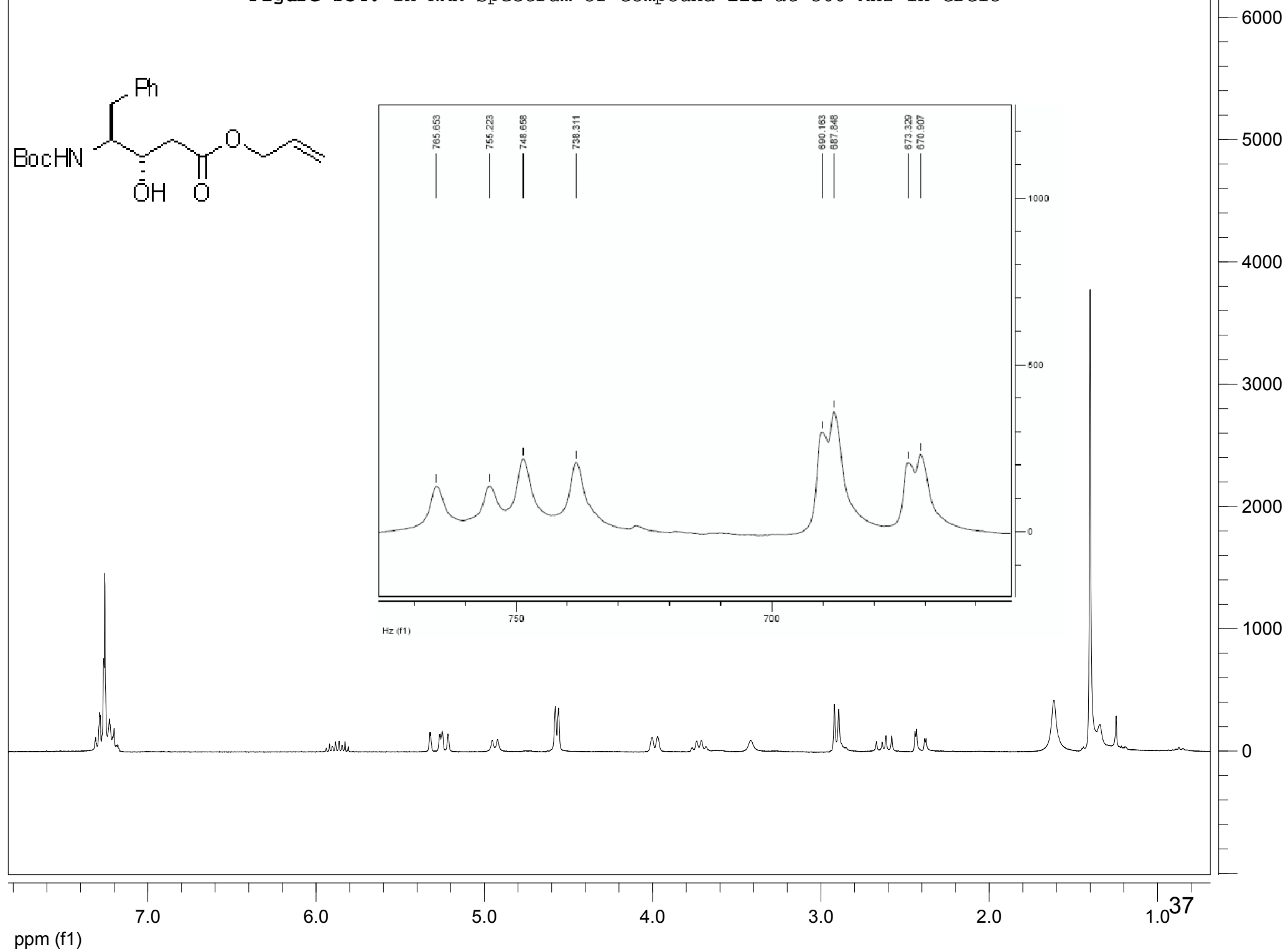
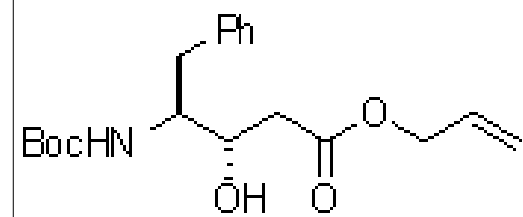


Figure S35. ¹H NMR Spectrum of Compound 12b at 300 MHz in CDCl₃

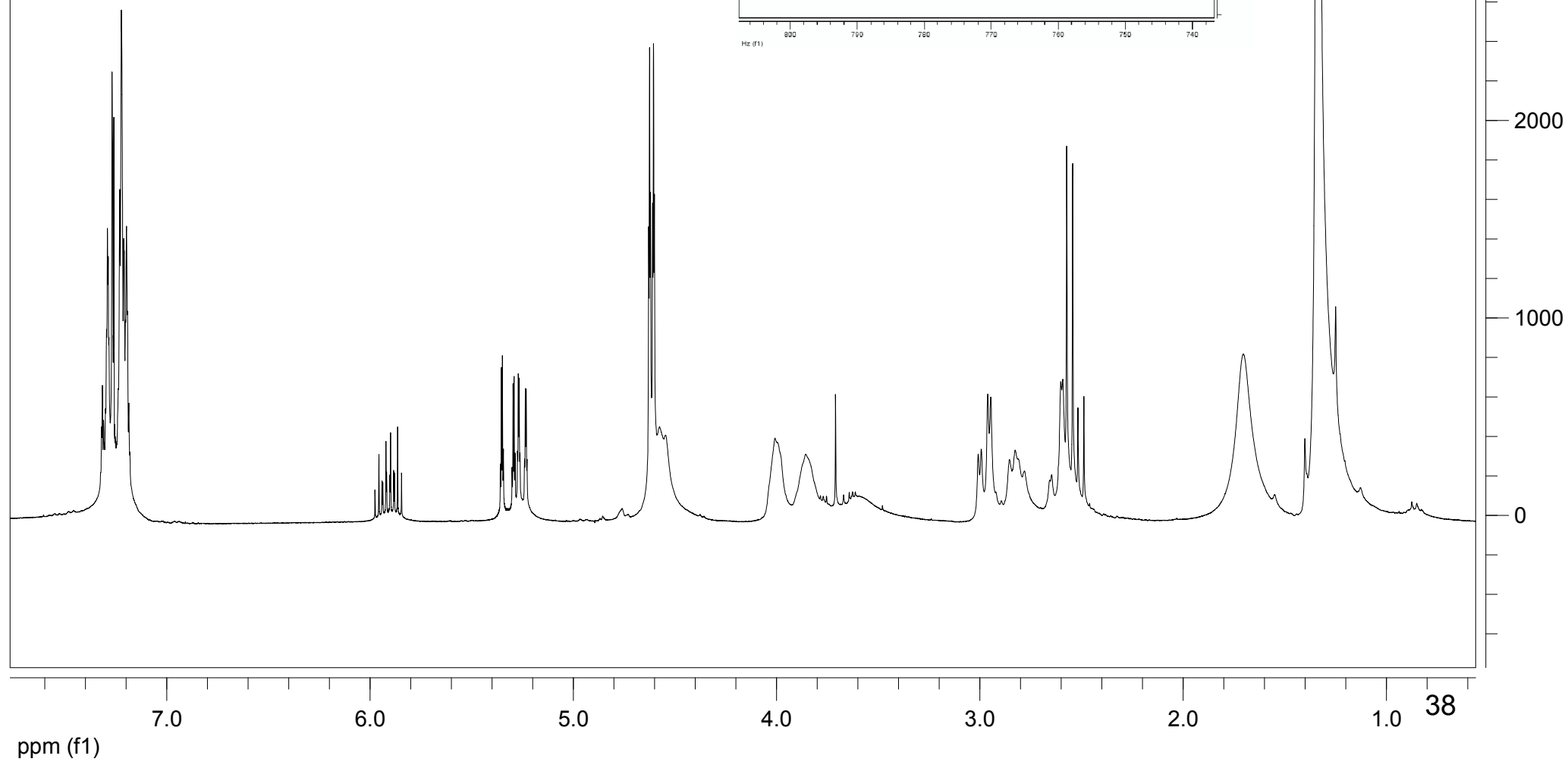
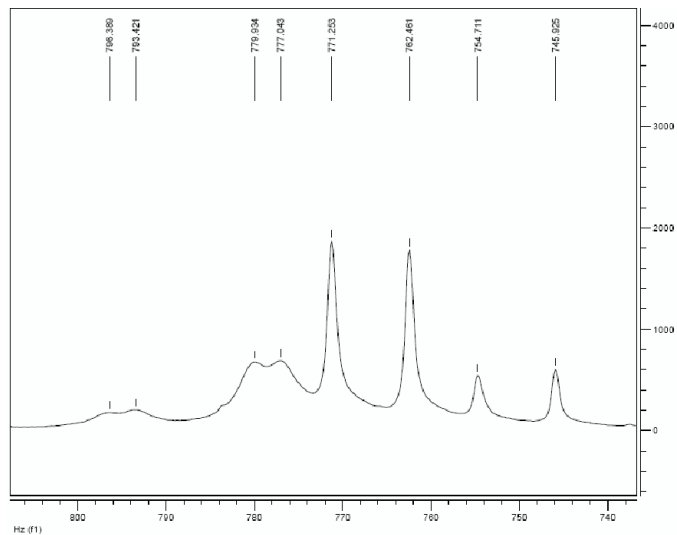
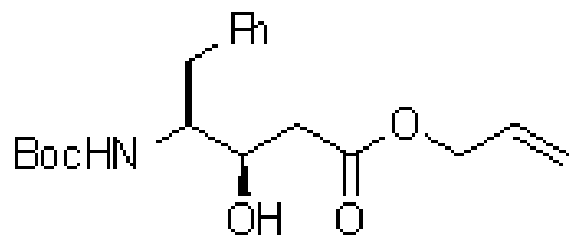


Figure S36. ¹H NMR Spectrum of Compound **12c** at 500 MHz in CDCl₃

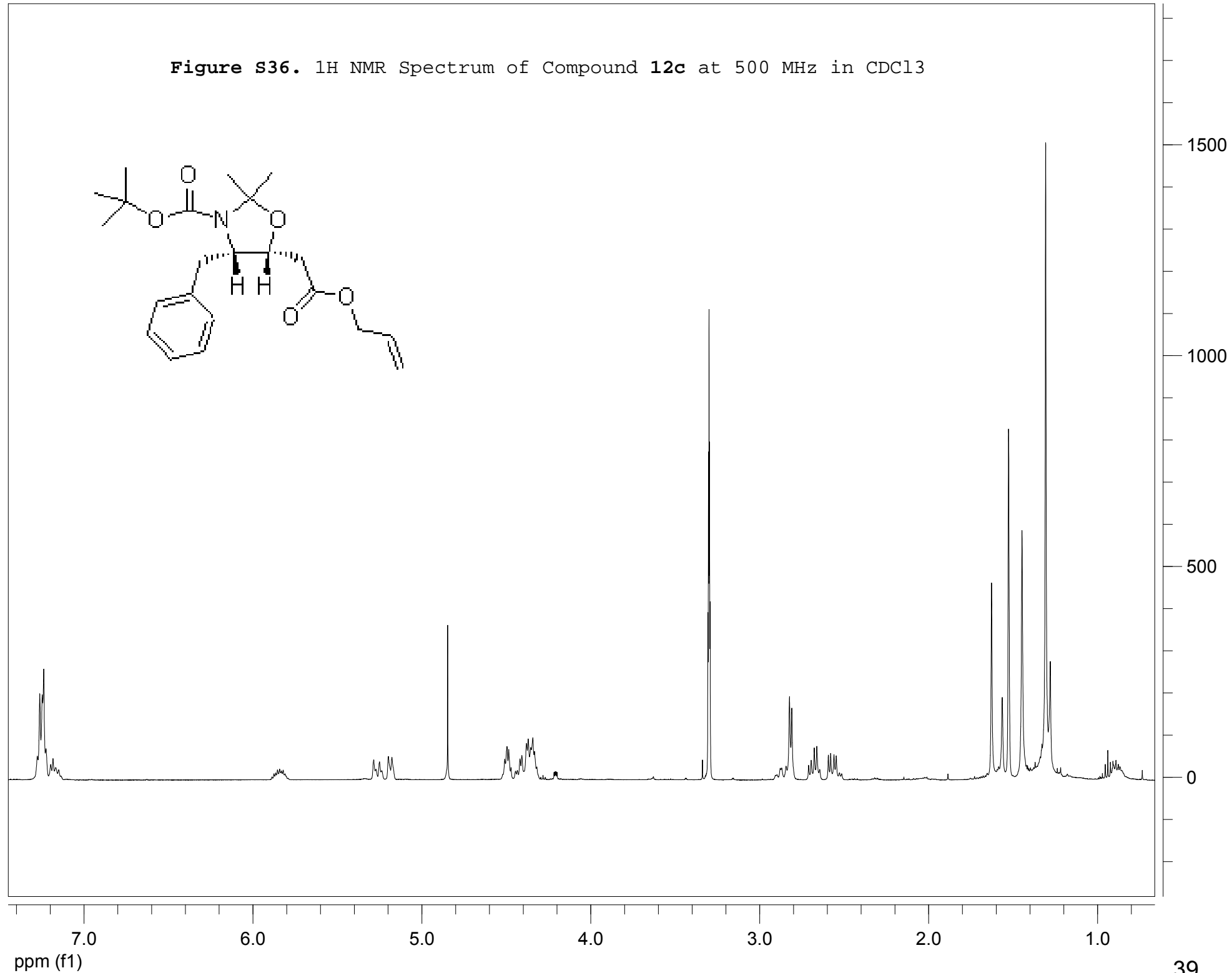
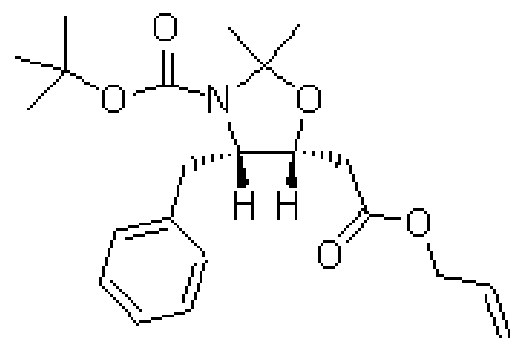


Figure S37. ¹H NMR Spectrum of Compound **12d** at 500 MHz in CDCl₃ at 0°C

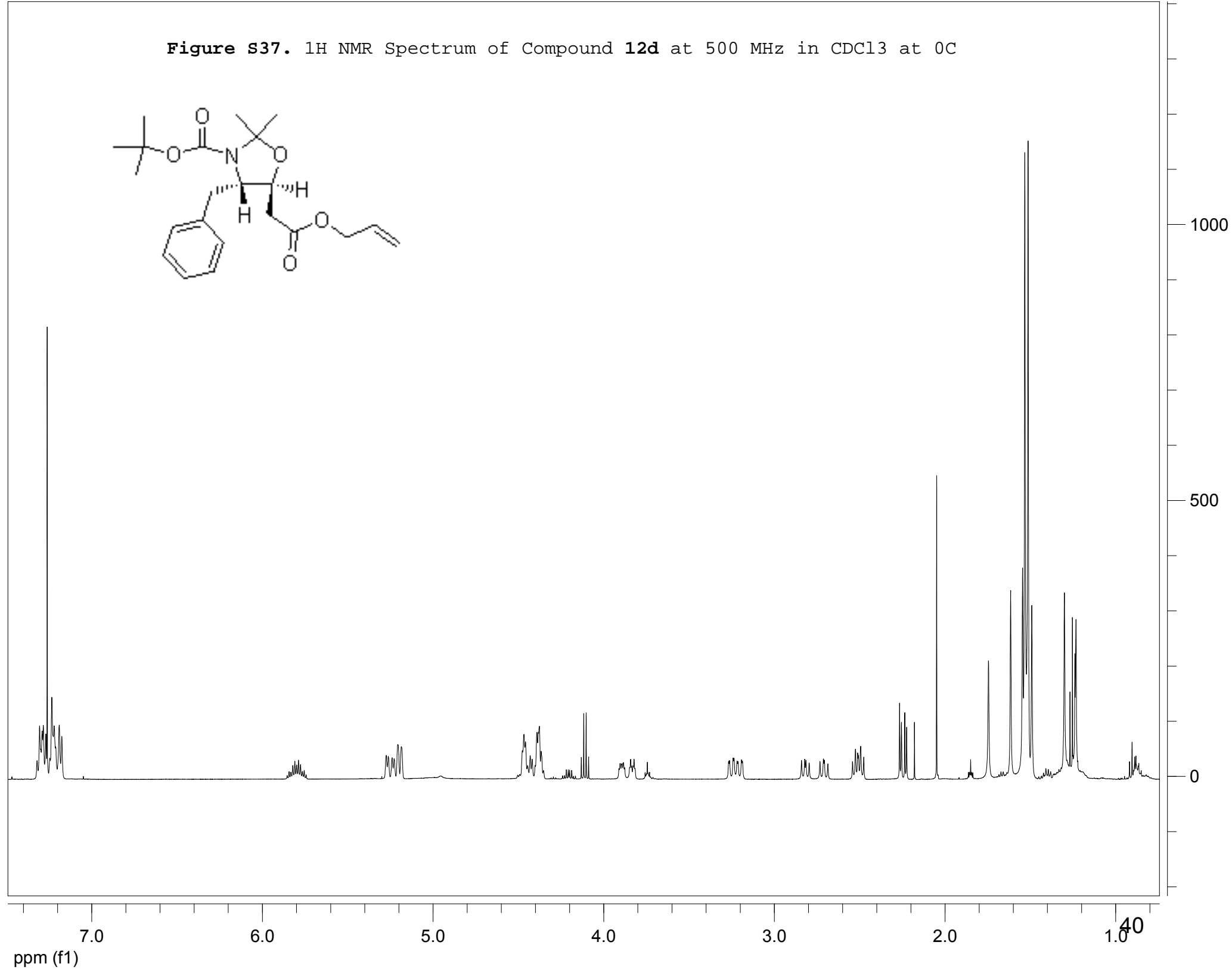
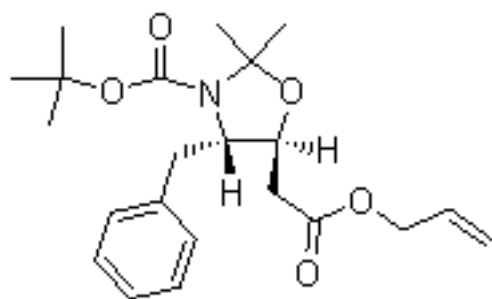


Figure S38. ¹H NMR Spectrum of Compound 13a at 300 MHz in CDCl₃

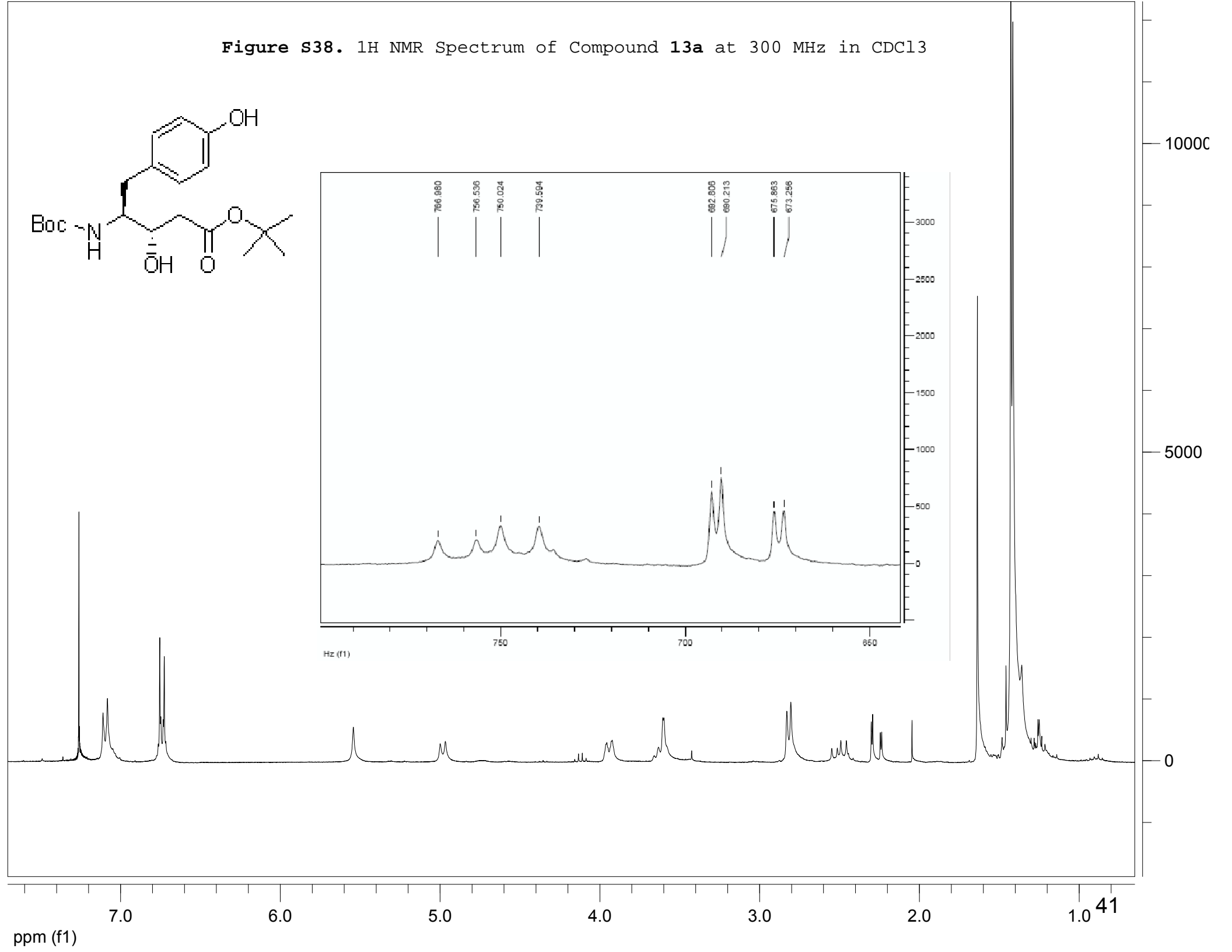
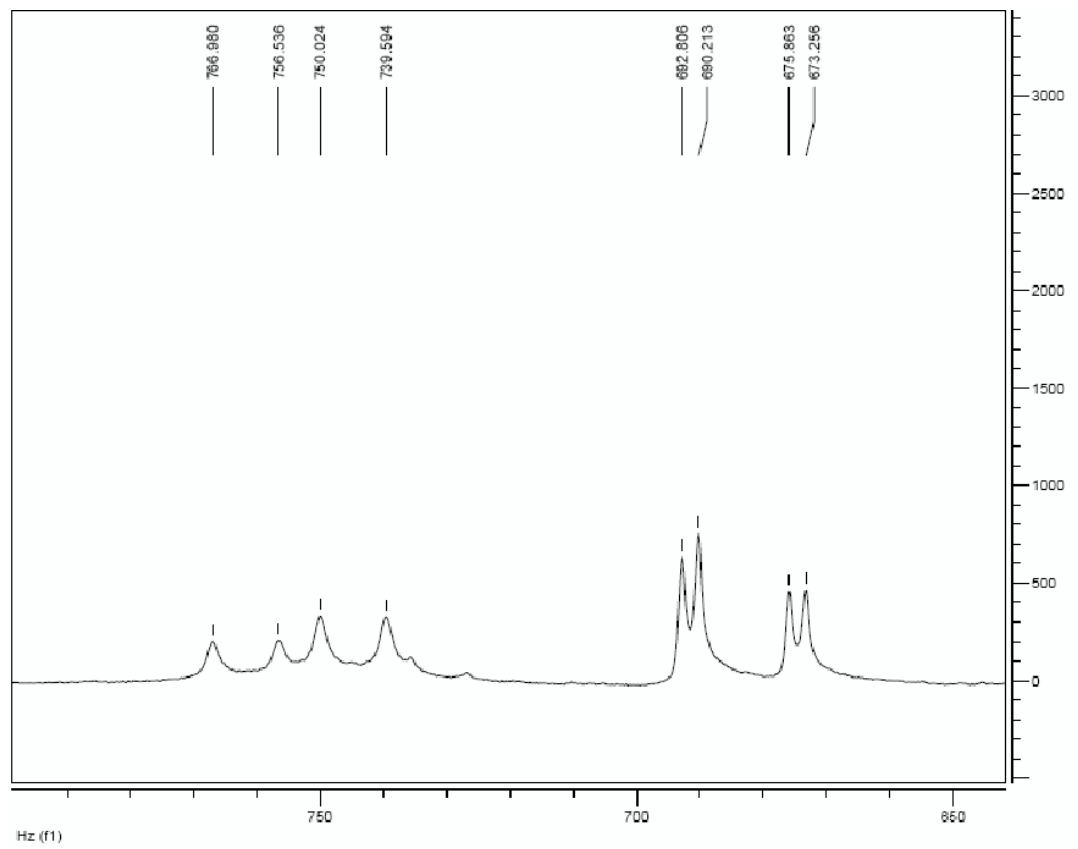
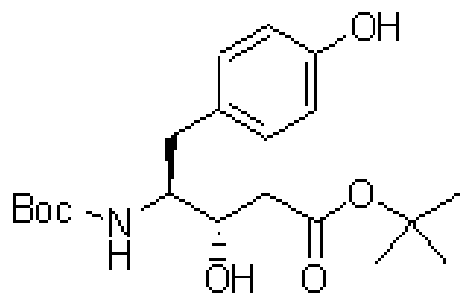


Figure S39. ¹H NMR Spectrum of Compound **13b** at 300 MHz in CDCl₃

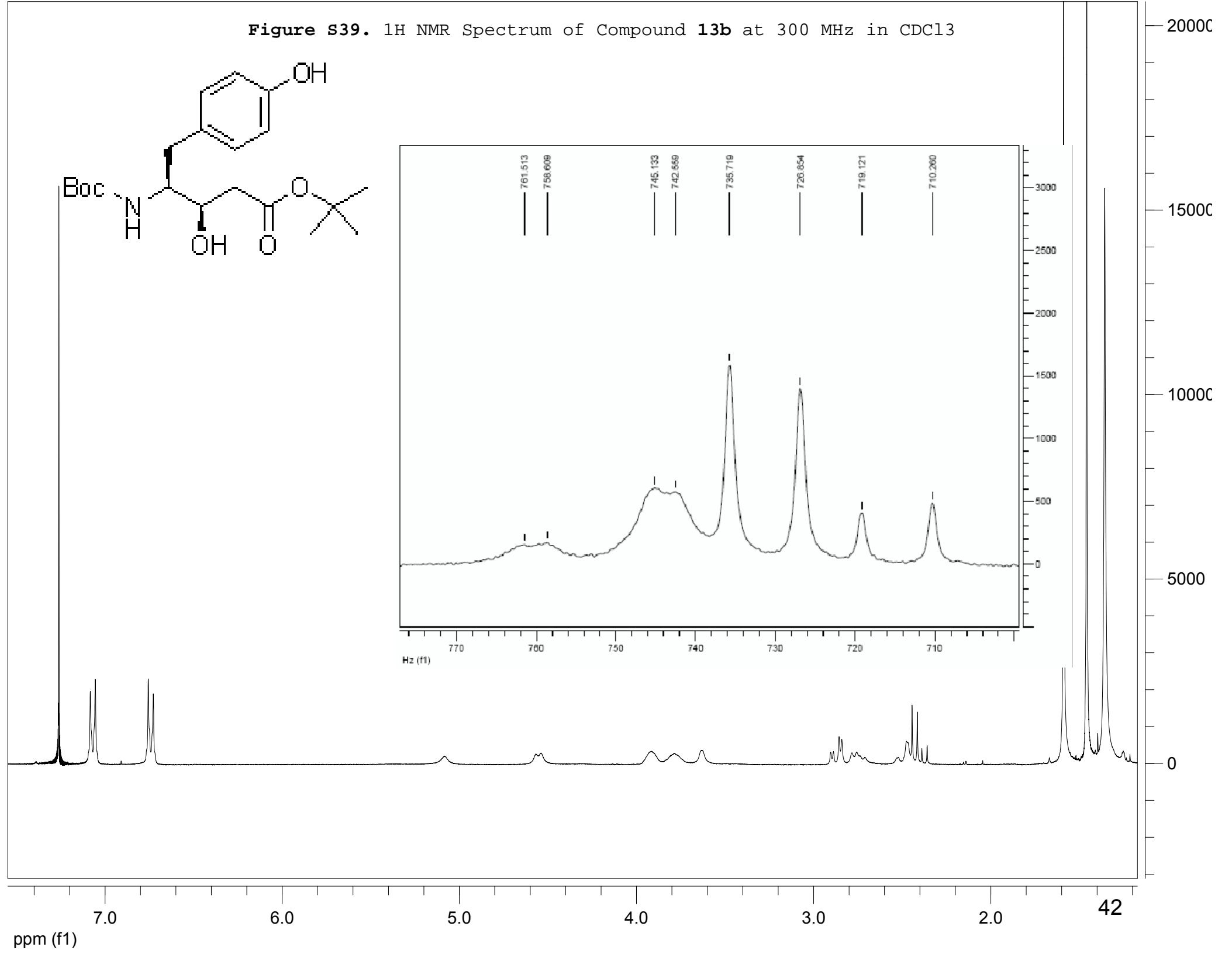
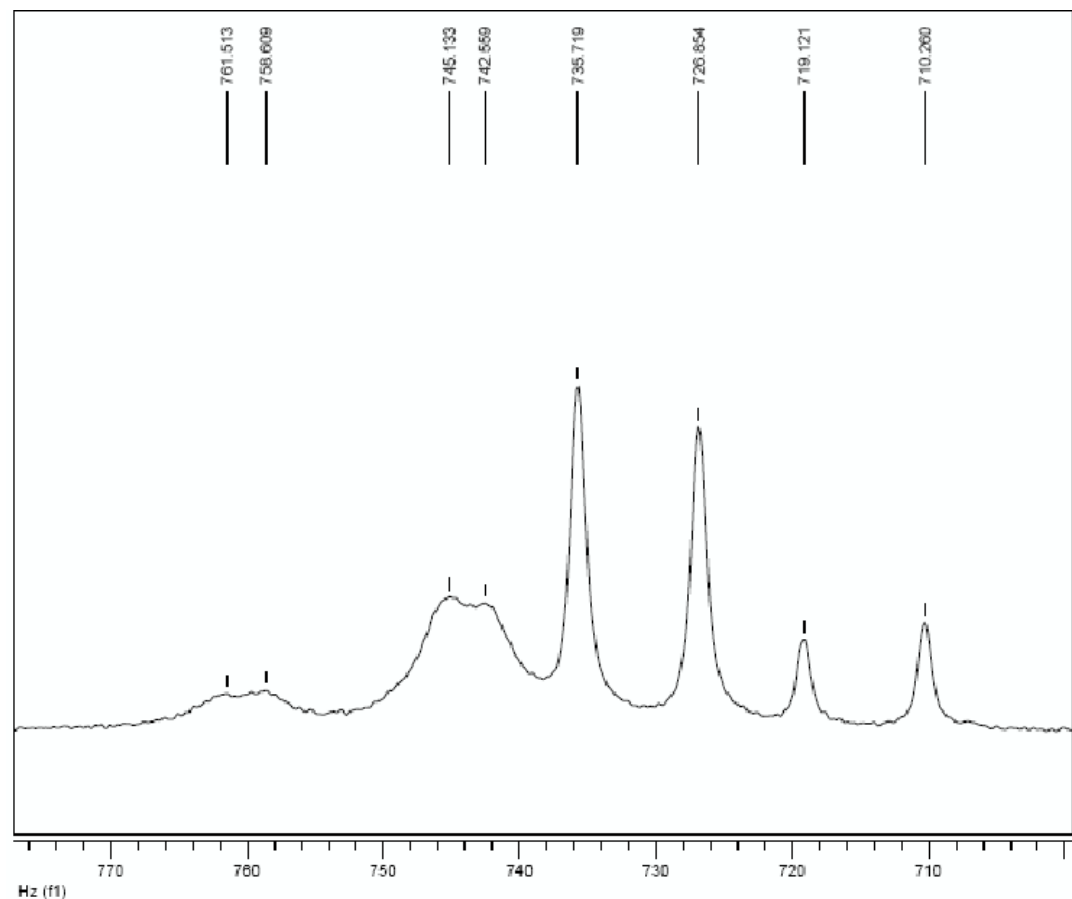
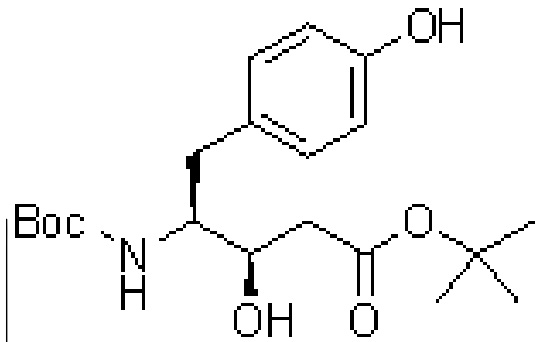


Figure S40. ¹H NMR Spectrum of Compound **14a** at 300 MHz in CDCl₃

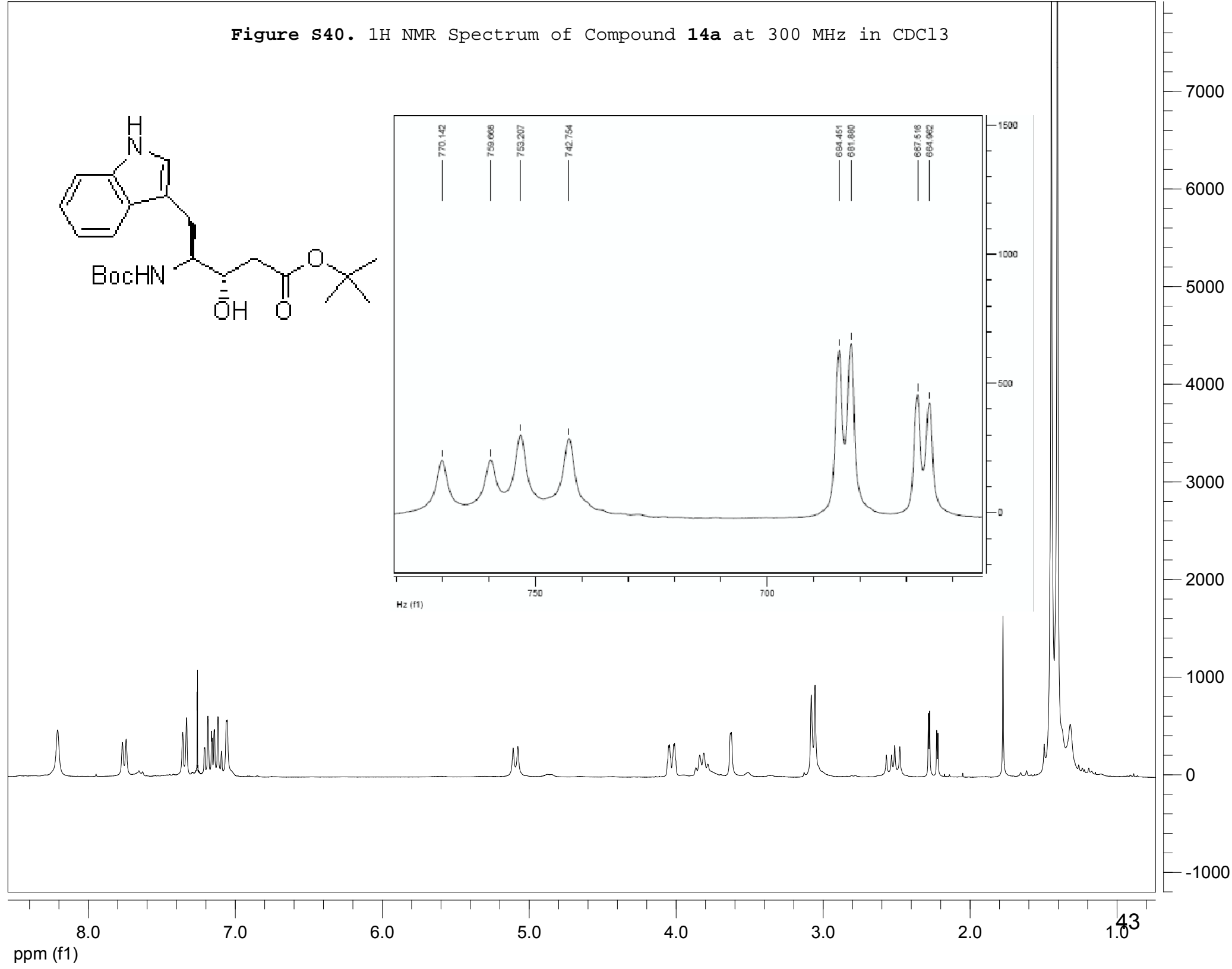
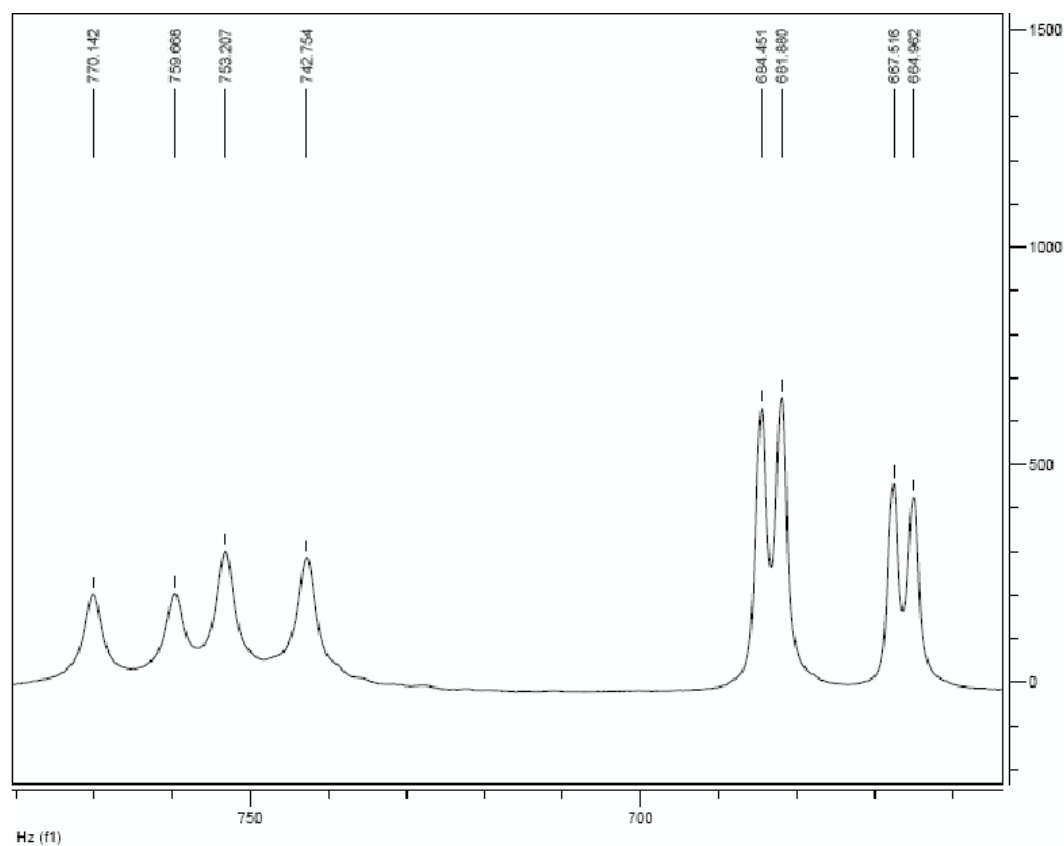
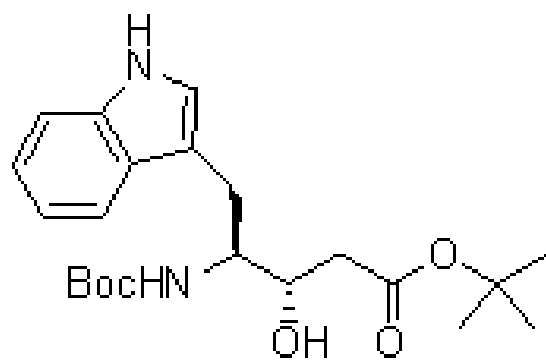


Figure S41. ¹H NMR Spectrum of Compound **14b** at 300 MHz in CDCl₃

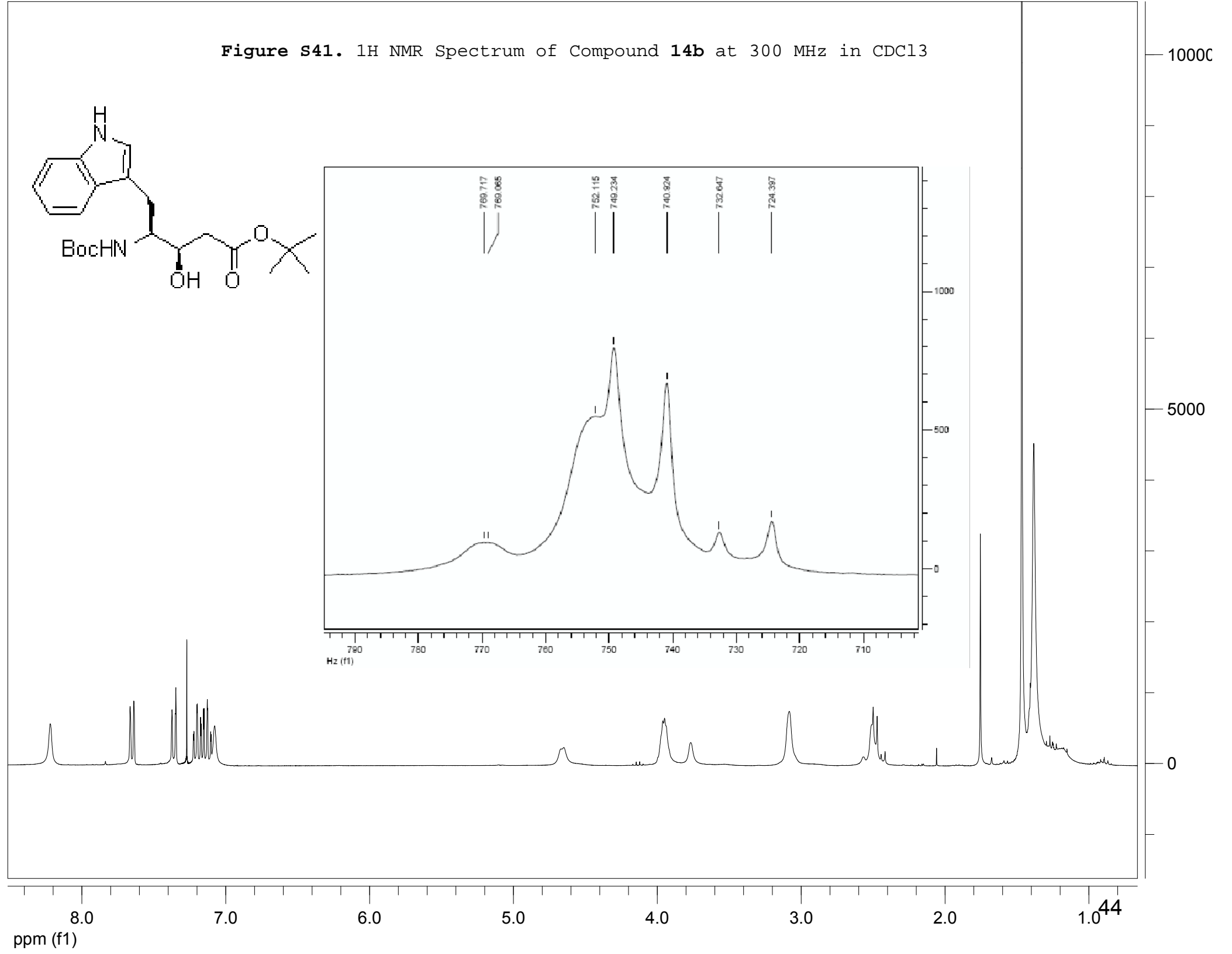
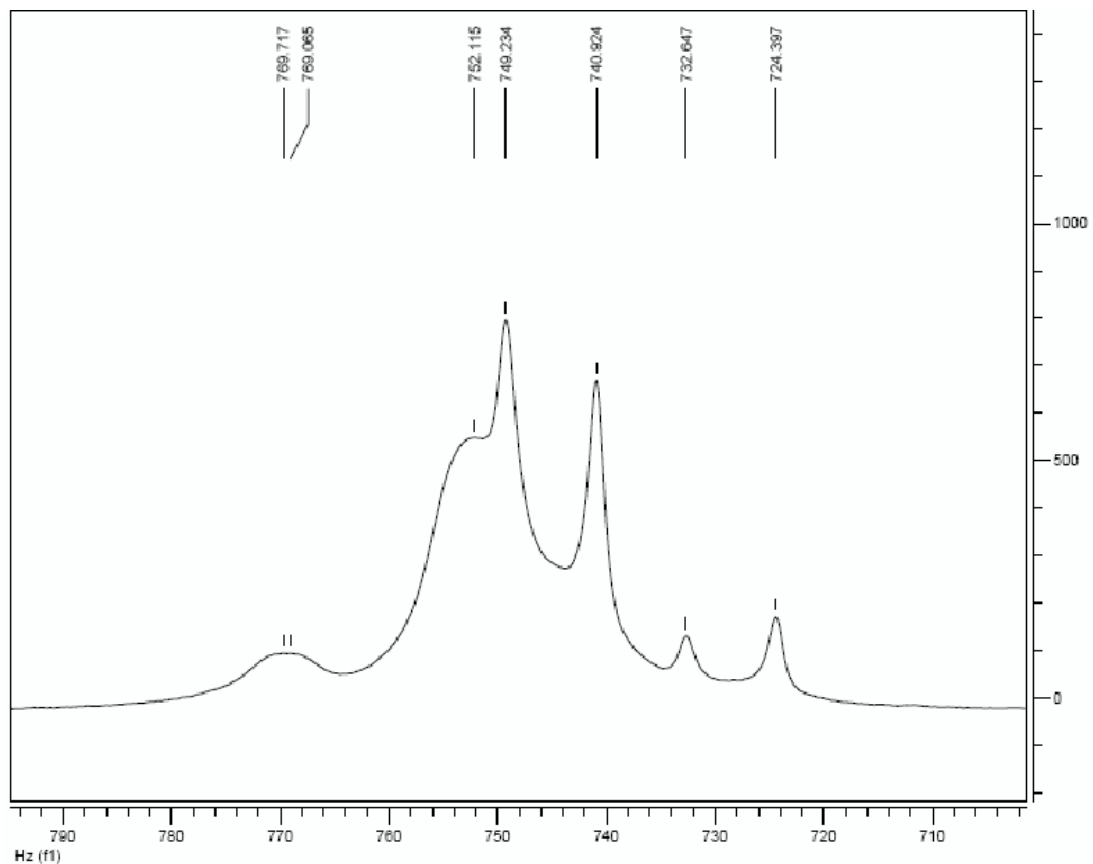
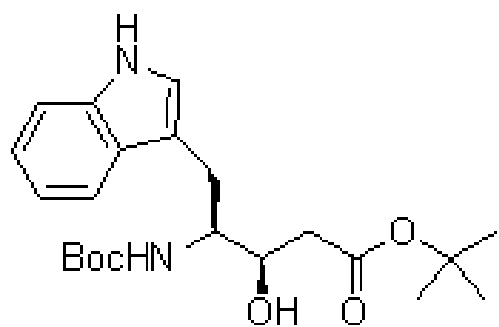


Figure S42. ¹H NMR Spectrum of Compound 15a at 300 MHz in CDCl₃

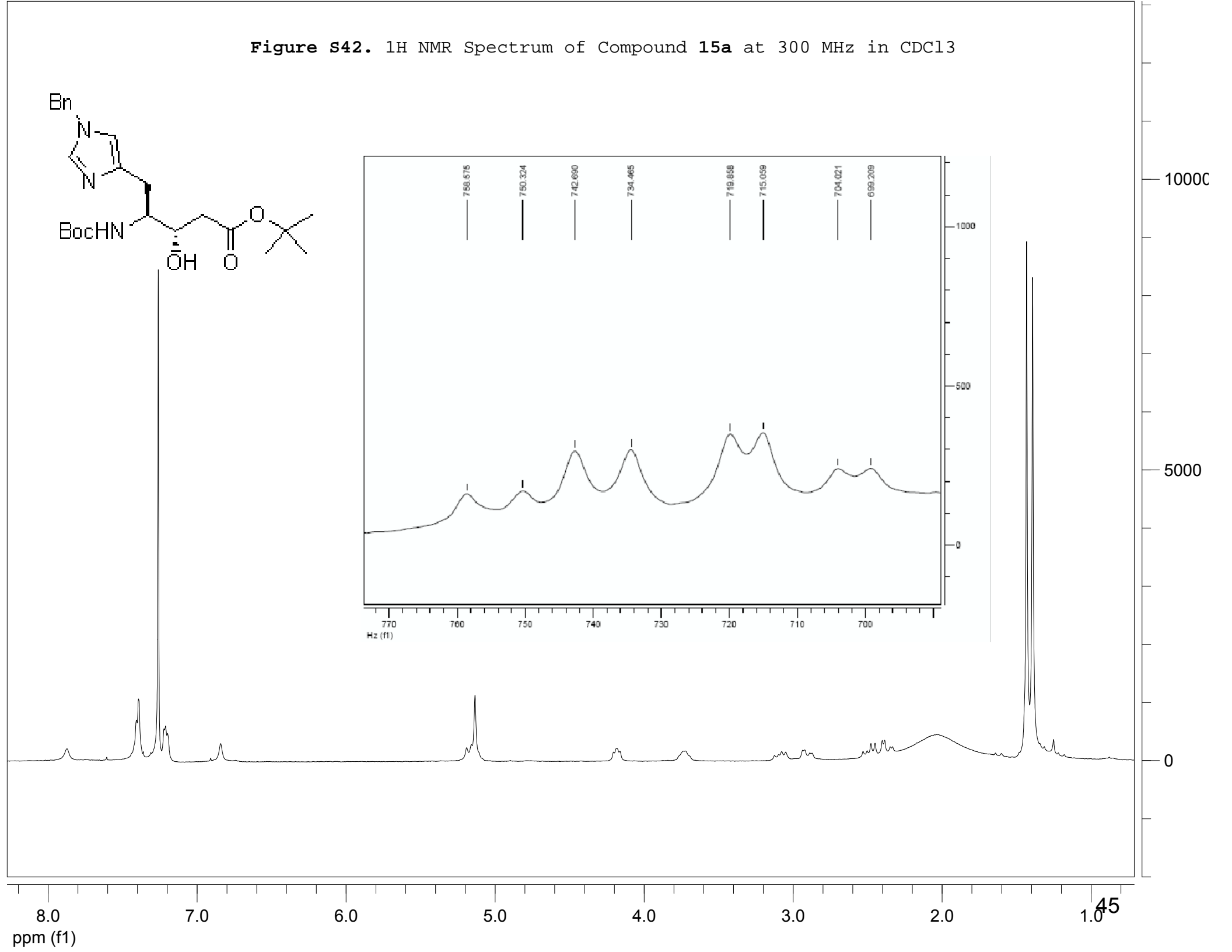
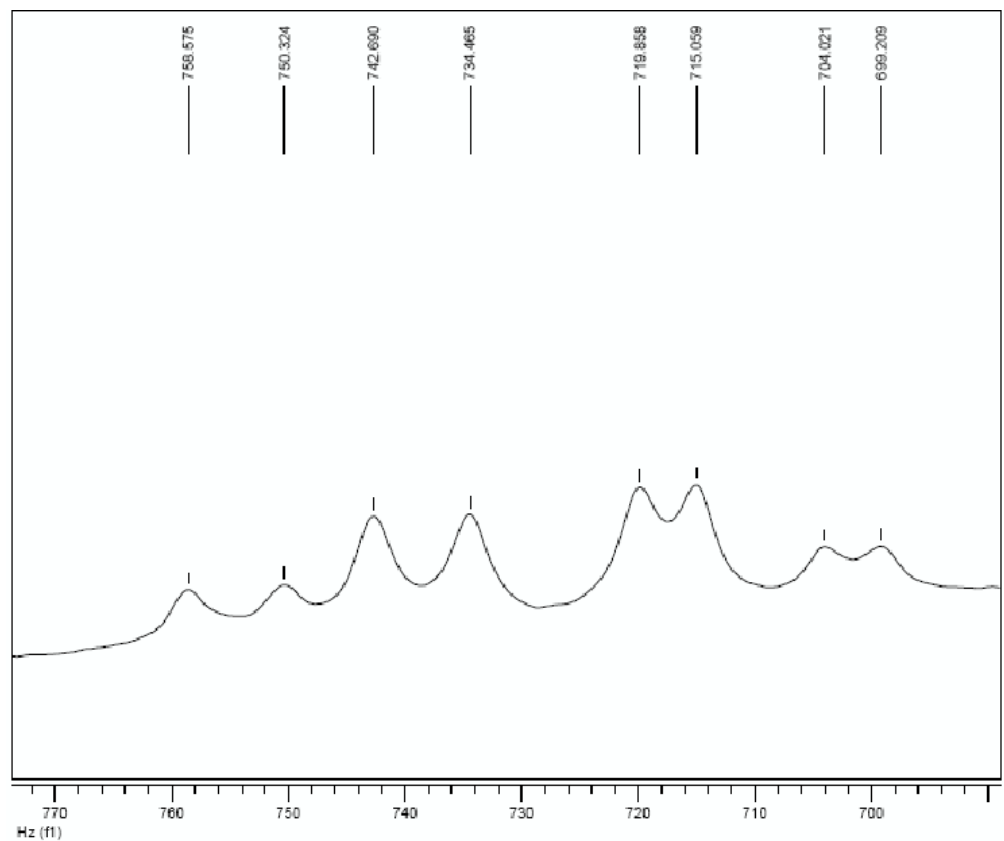
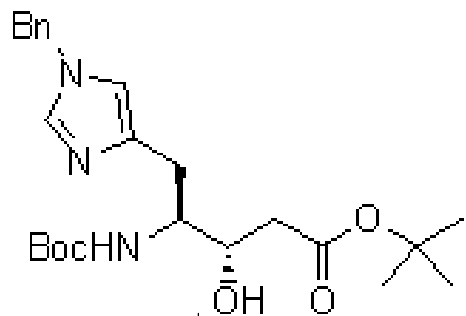


Figure S43. ¹H NMR Spectrum of Compound **15b** at 300 MHz in CDCl₃

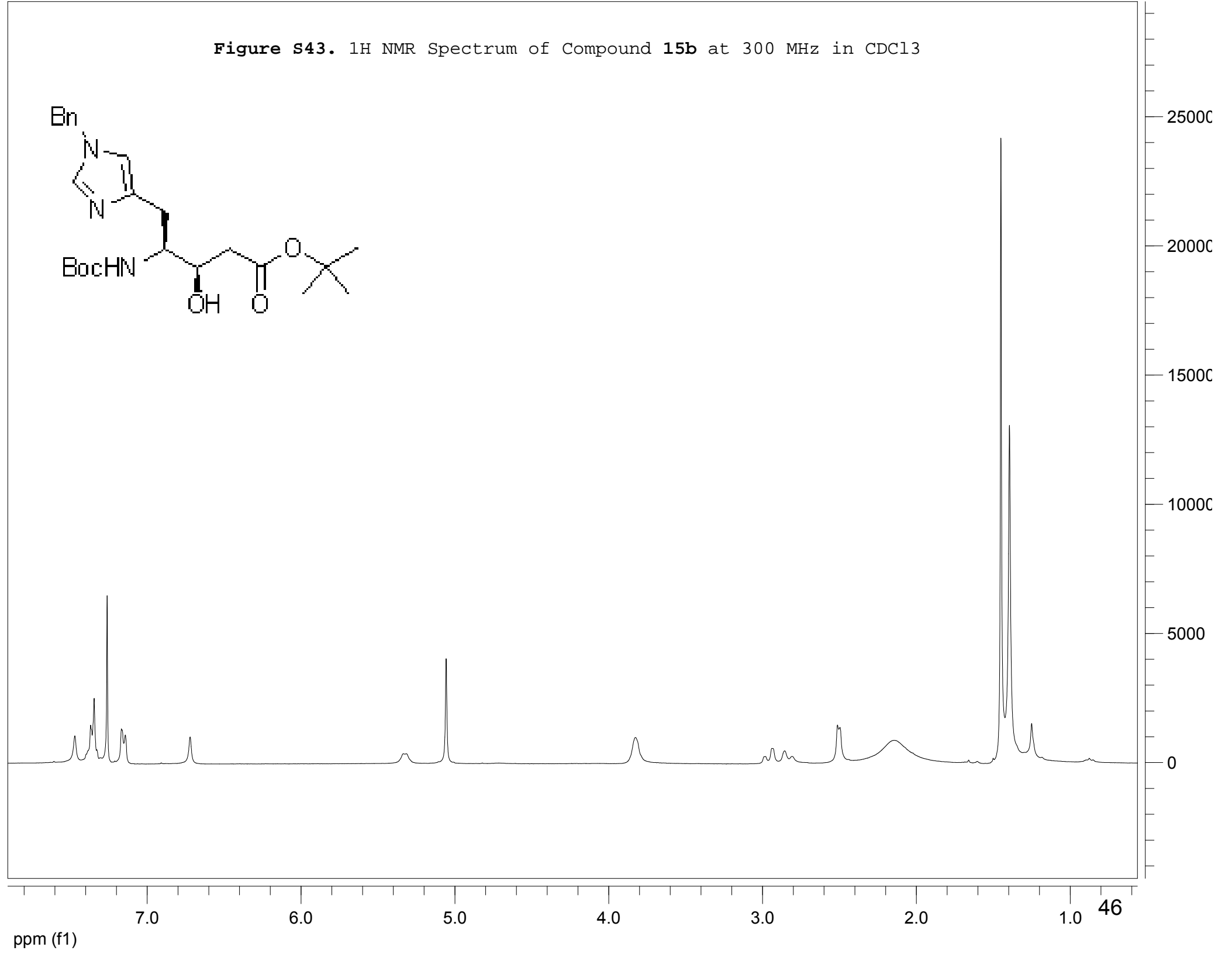
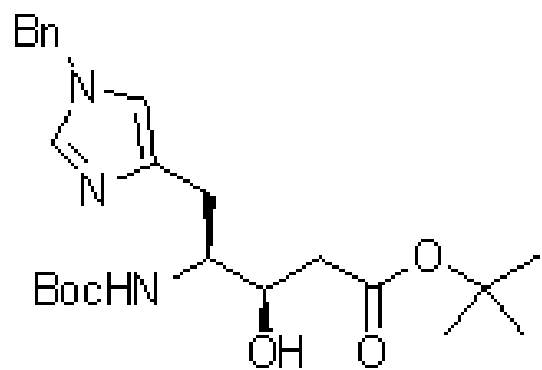


Figure S44. ¹H NMR Spectrum of Compound **16a** at 300 MHz in CDCl₃

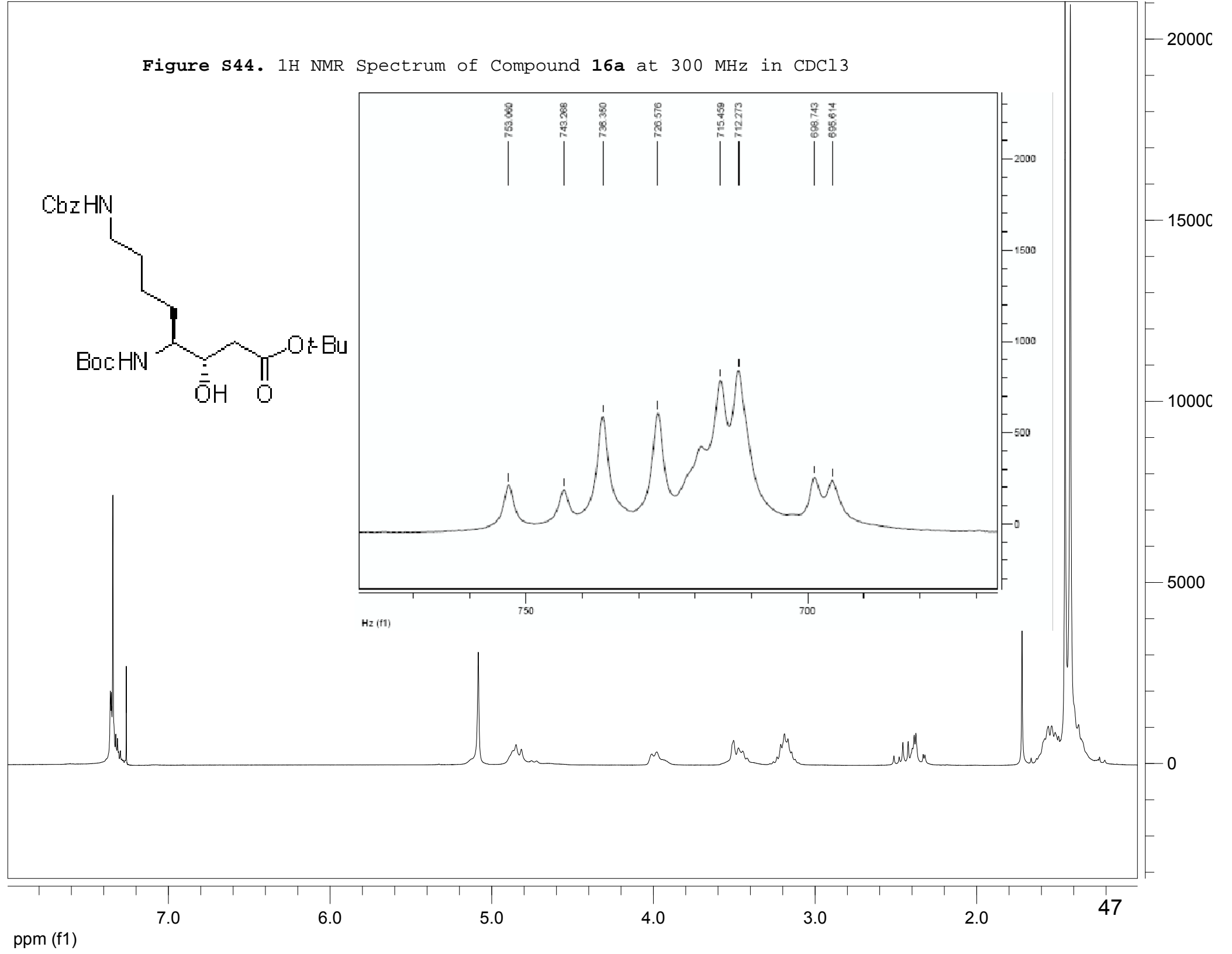
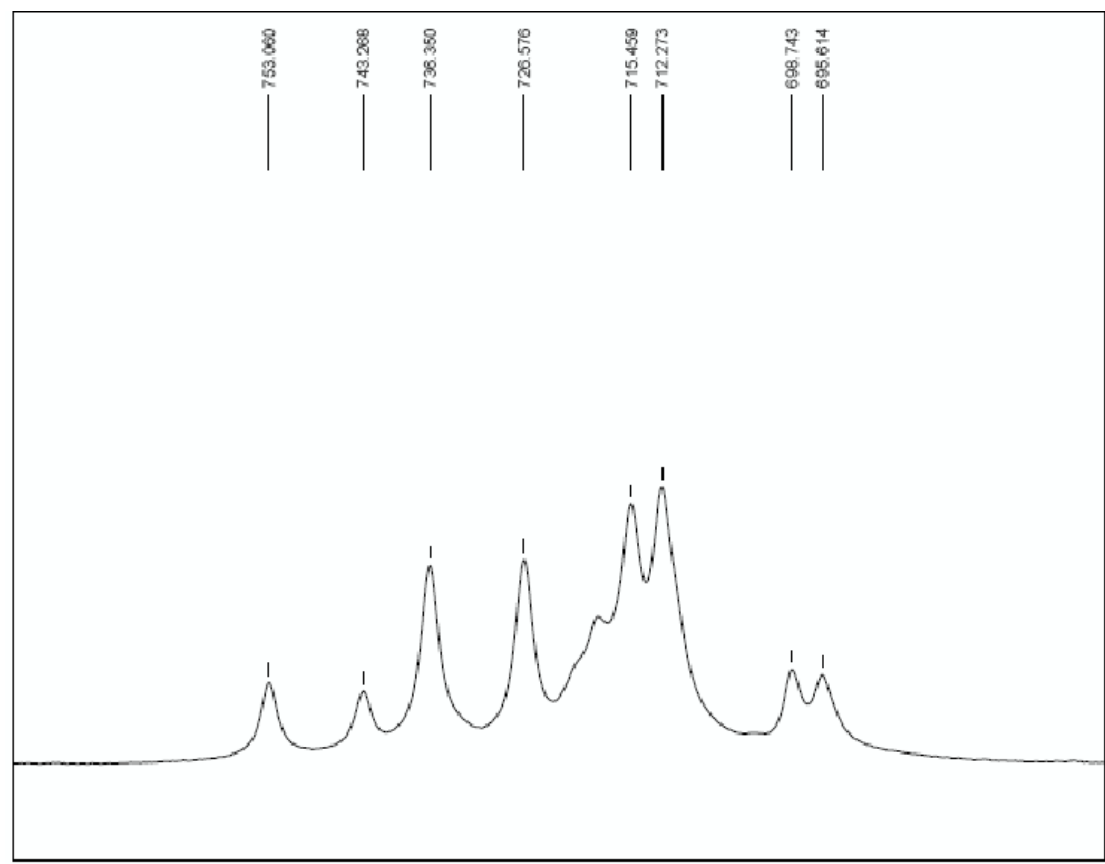
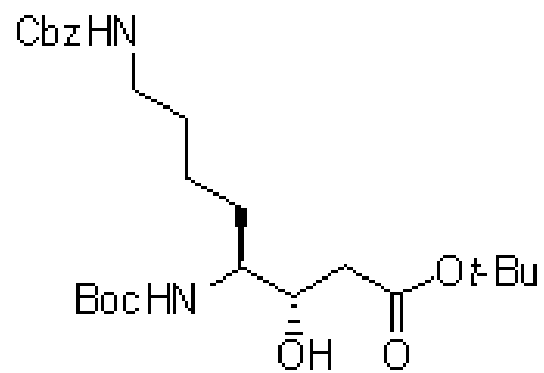


Figure S45. ^1H NMR Spectrum of Compound **16b** at 300 MHz in CDCl_3

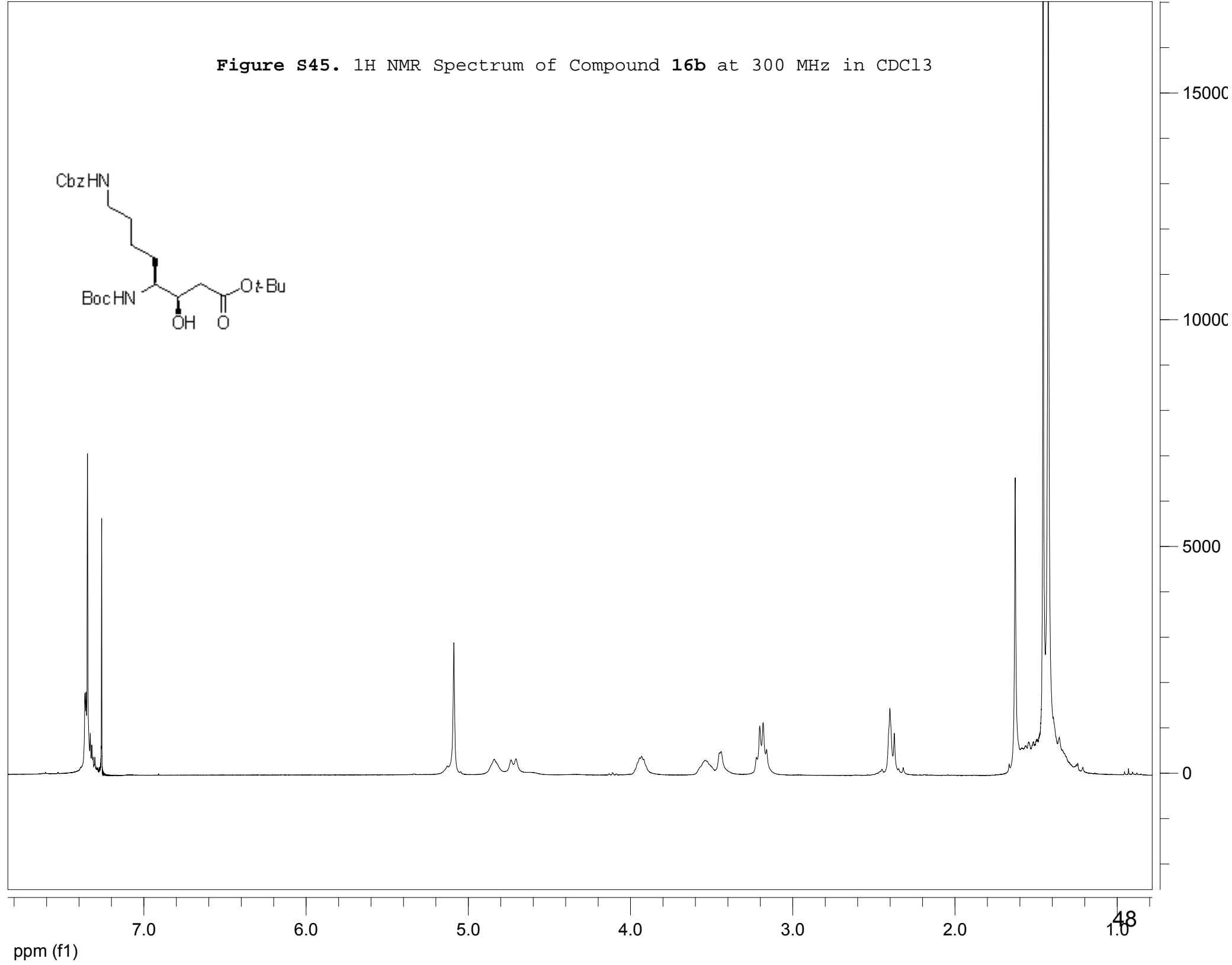
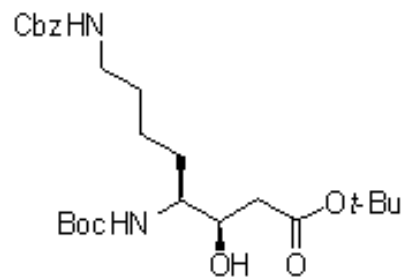


Figure S46. ¹H NMR Spectrum of Compound 17a at 300 MHz in CDCl₃

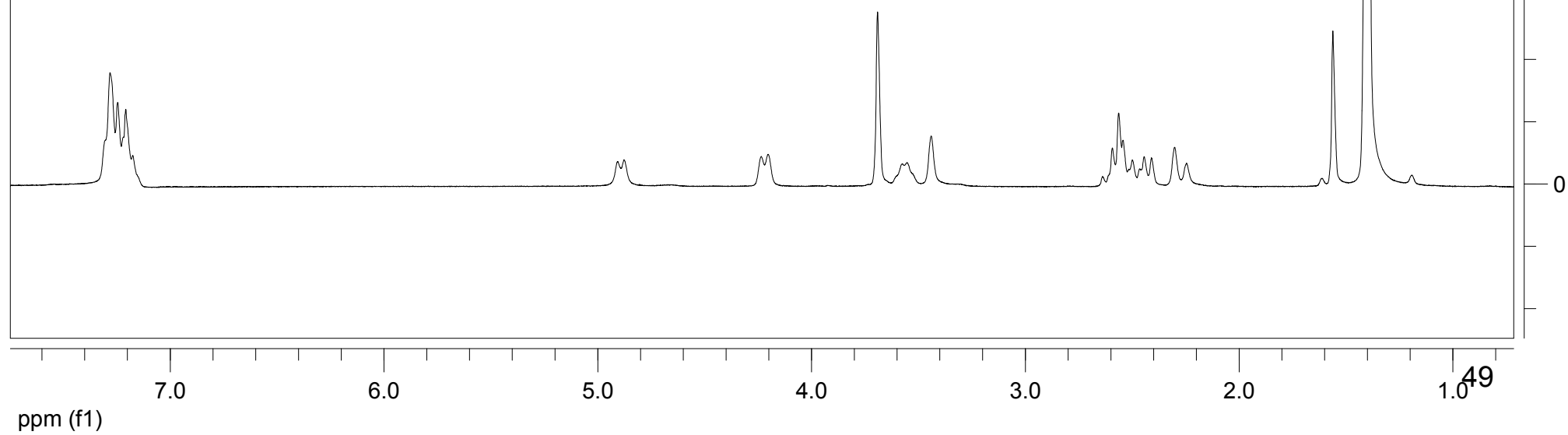
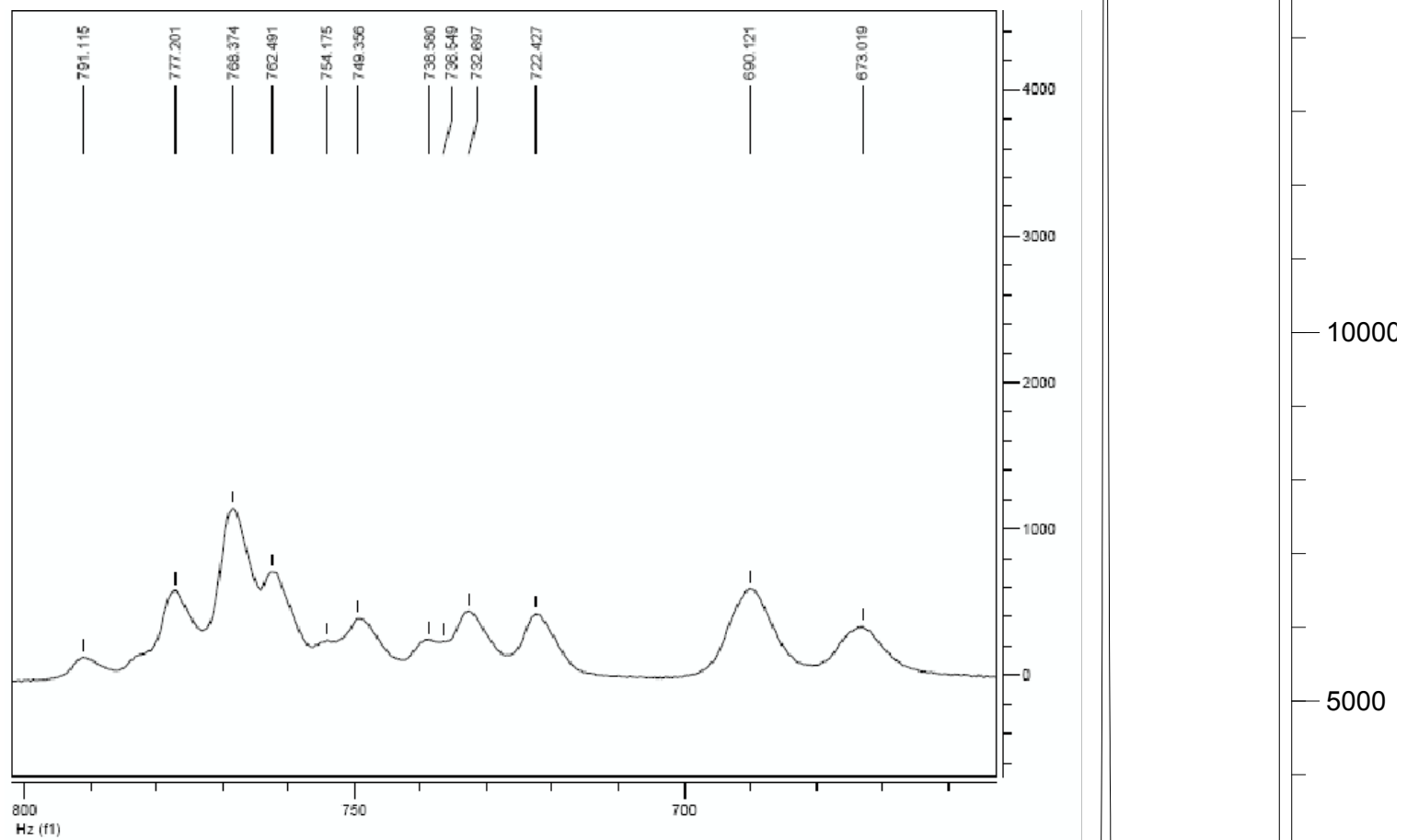
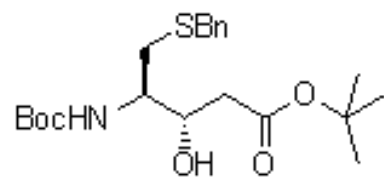


Figure S47. ¹H NMR Spectrum of Compound 17b at 300 MHz in CDCl₃

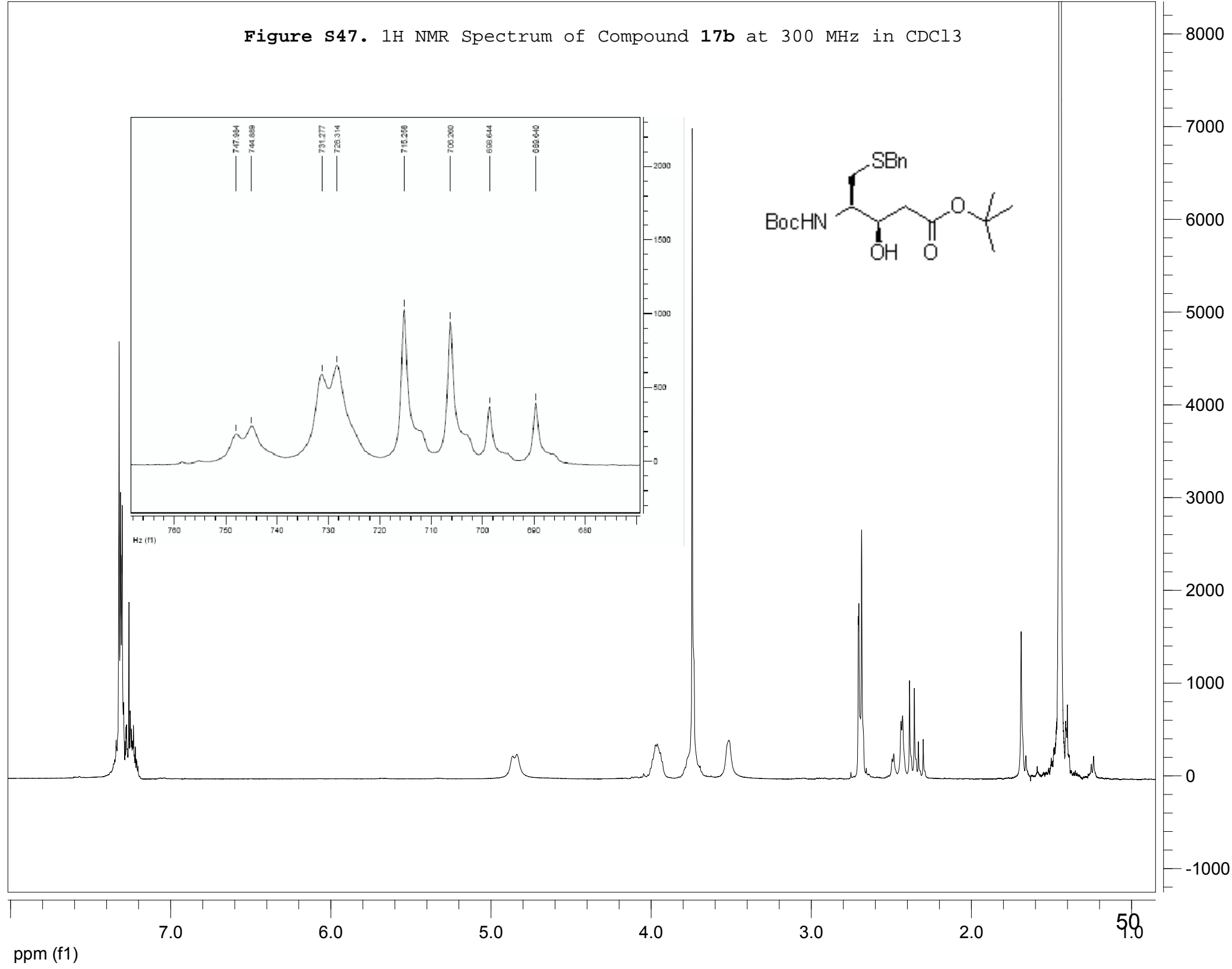


Figure S48. ¹H NMR Spectrum of Compound **19a** at 300 MHz in CDCl₃

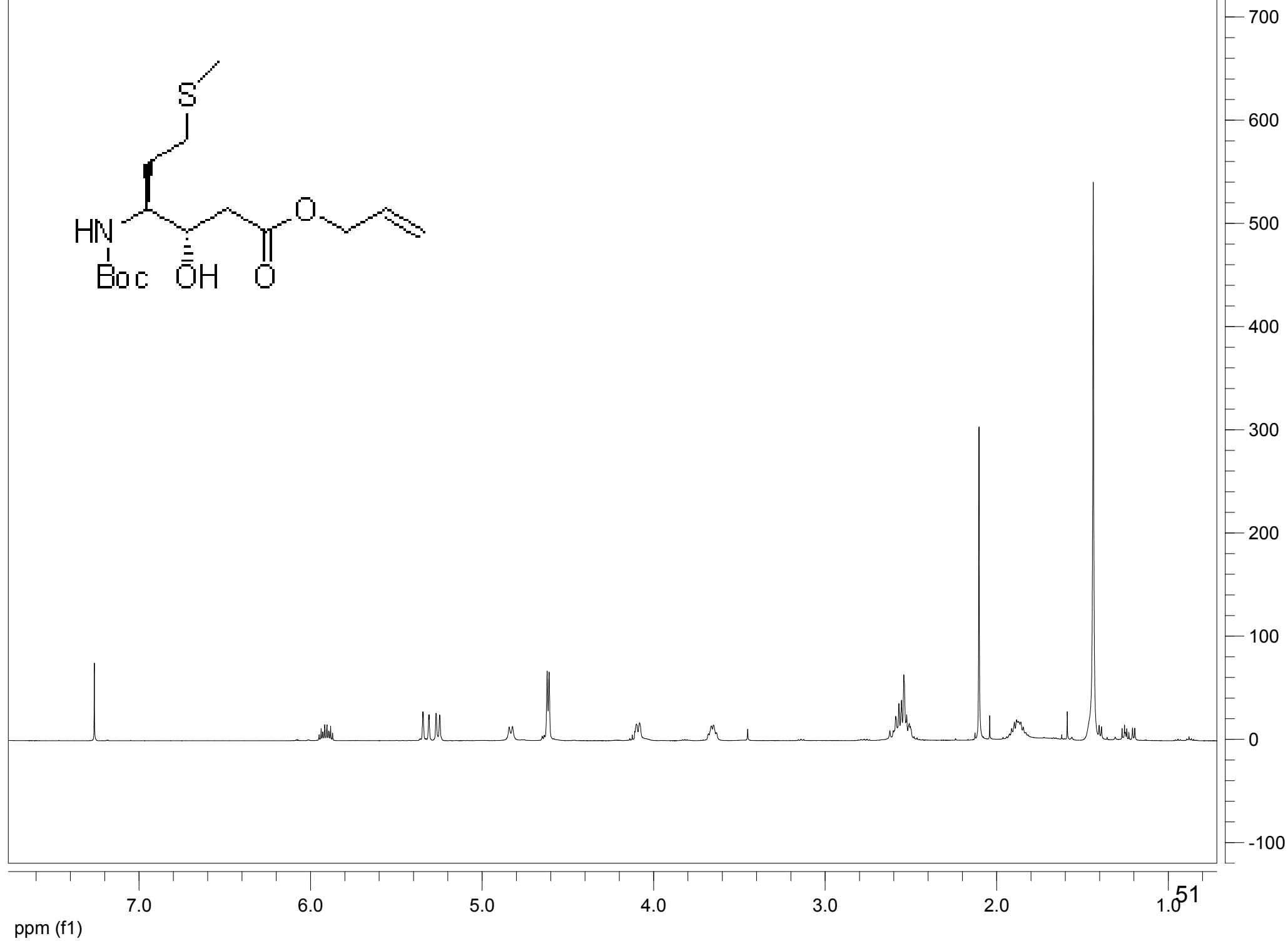
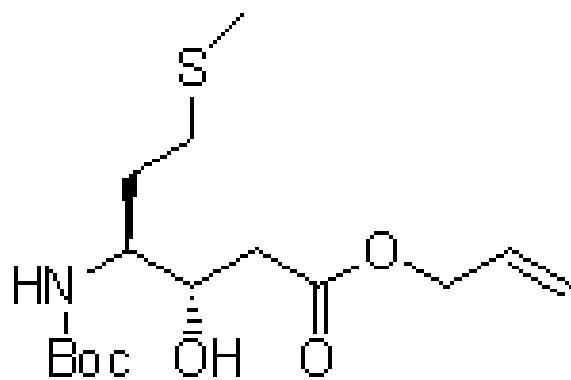


Figure S49. ¹H NMR Spectrum of Compound **19b** at 300 MHz in CDCl₃

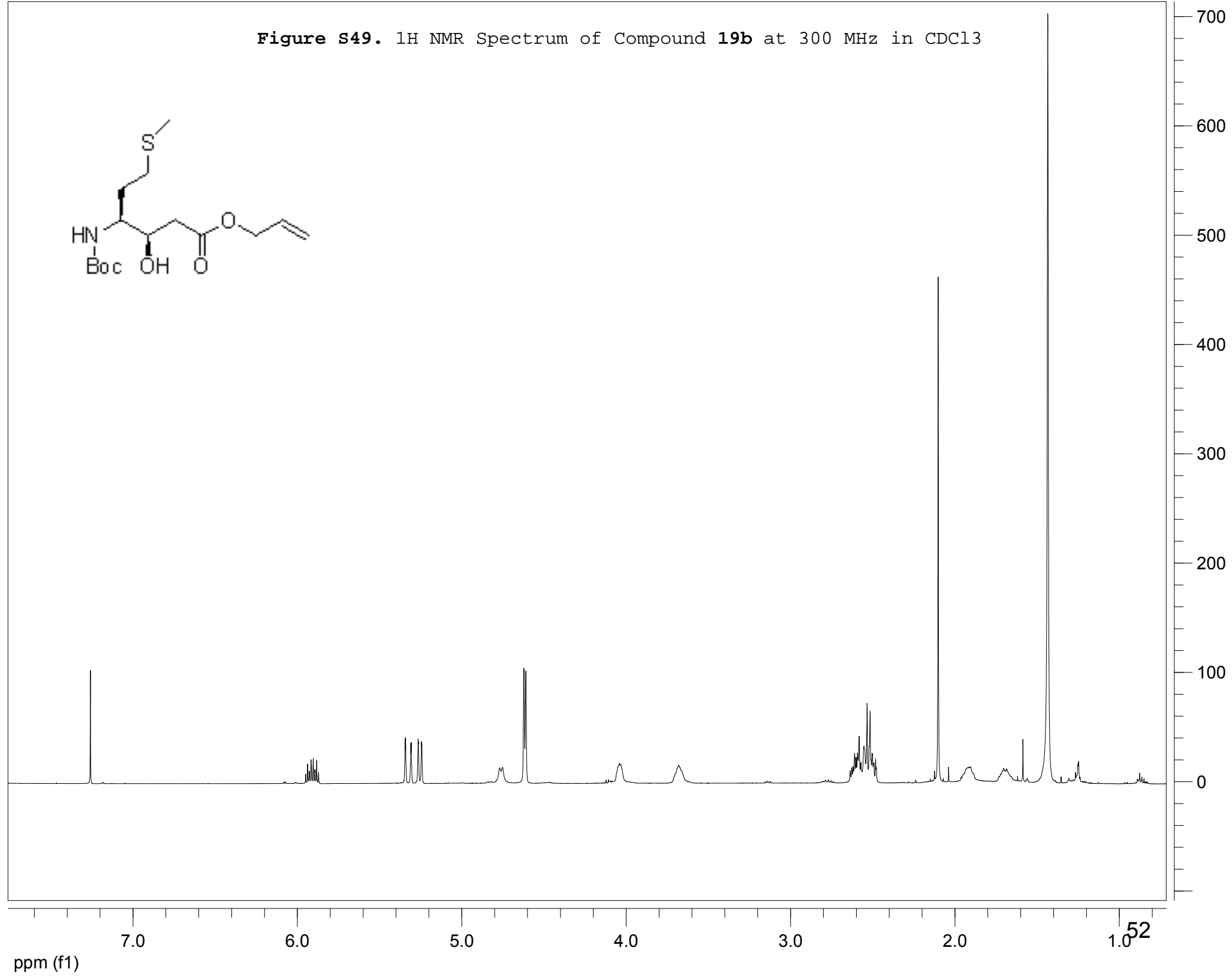
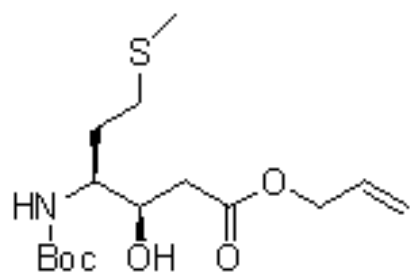


Figure S50. ¹H NMR Spectrum of Compound **20a** at 300 MHz in CDCl₃

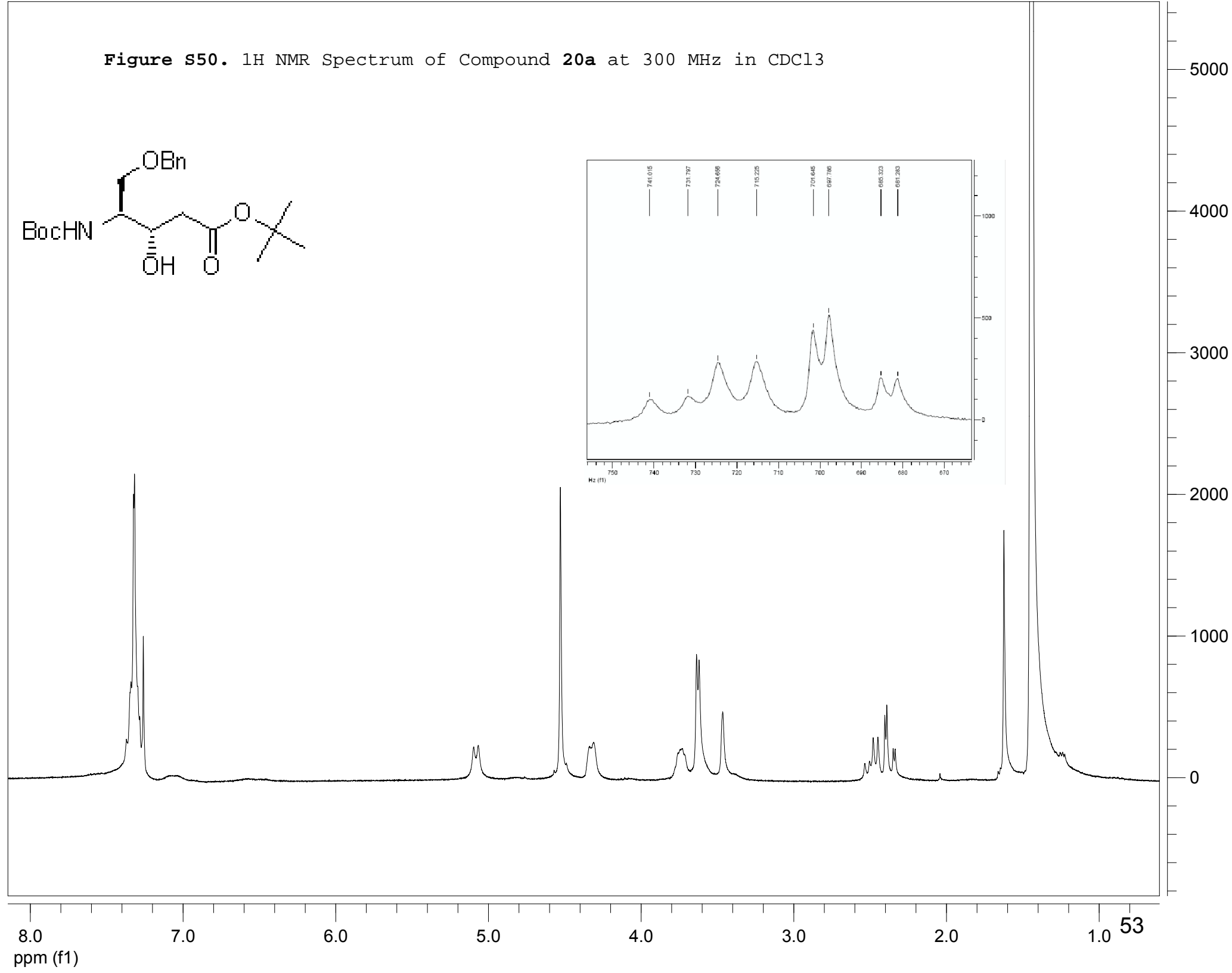
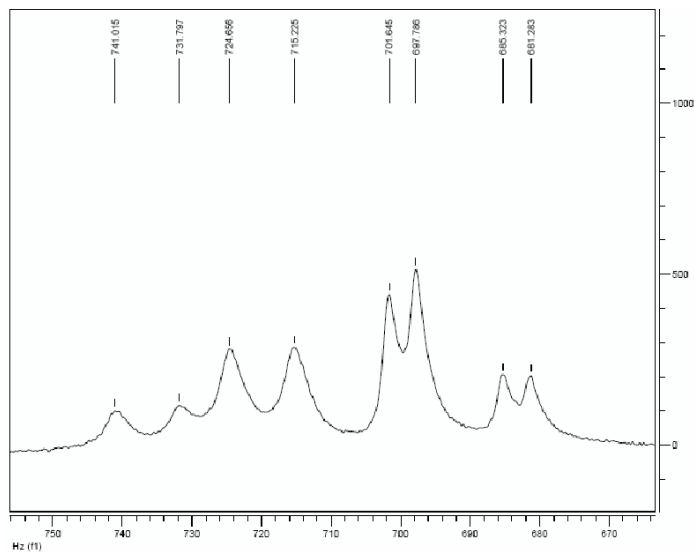
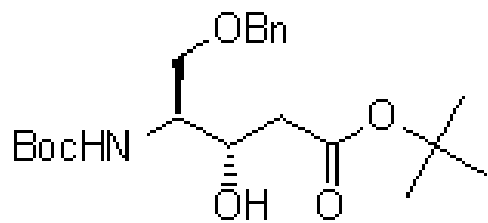


Figure S51. ¹H NMR Spectrum of Compound **20b** at 300 MHz in CDCl₃

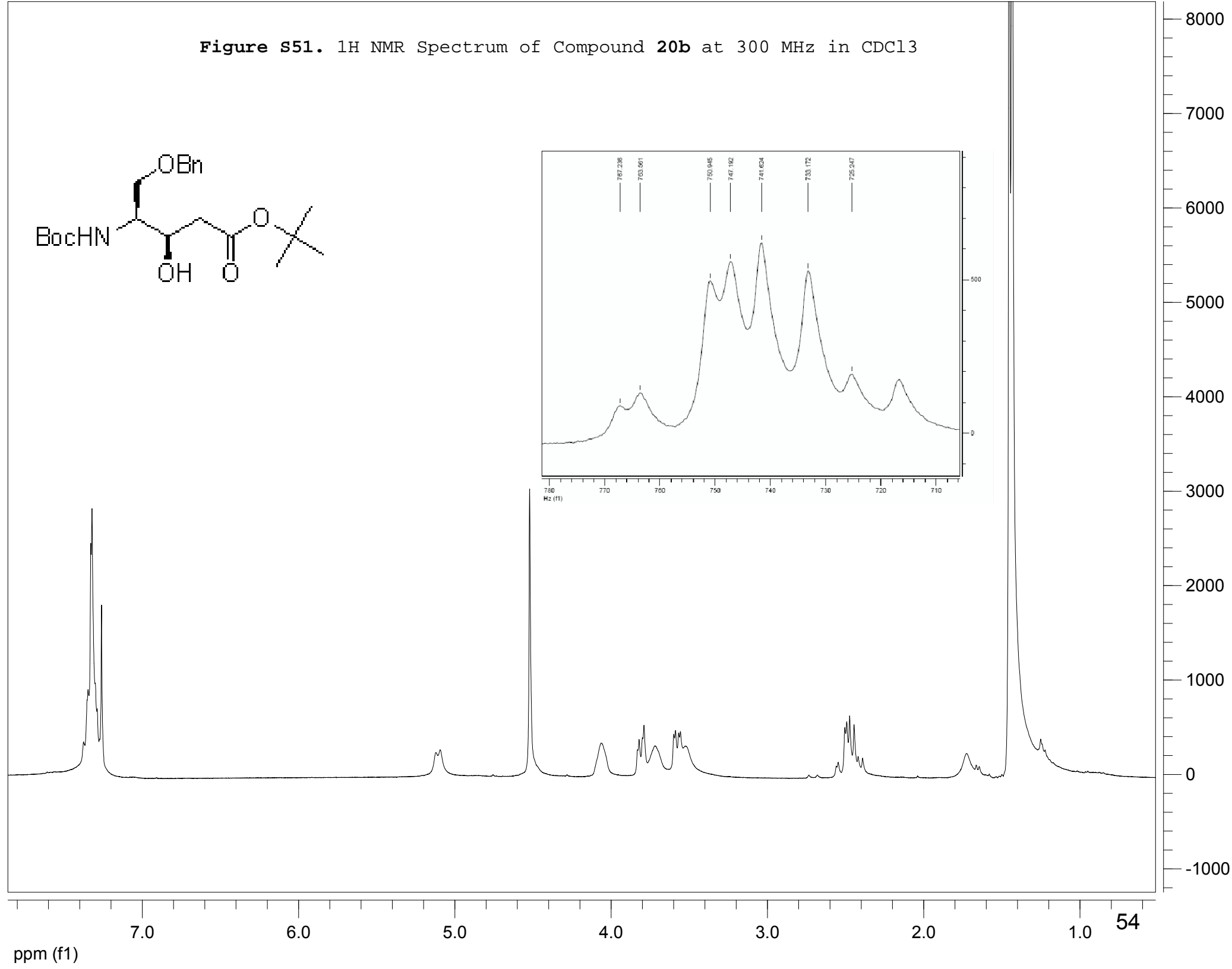
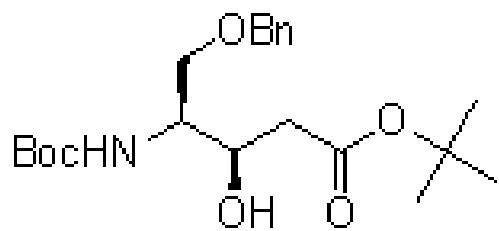


Figure S52. ¹H NMR Spectrum of Compound **21a** at 300 MHz in CDCl₃

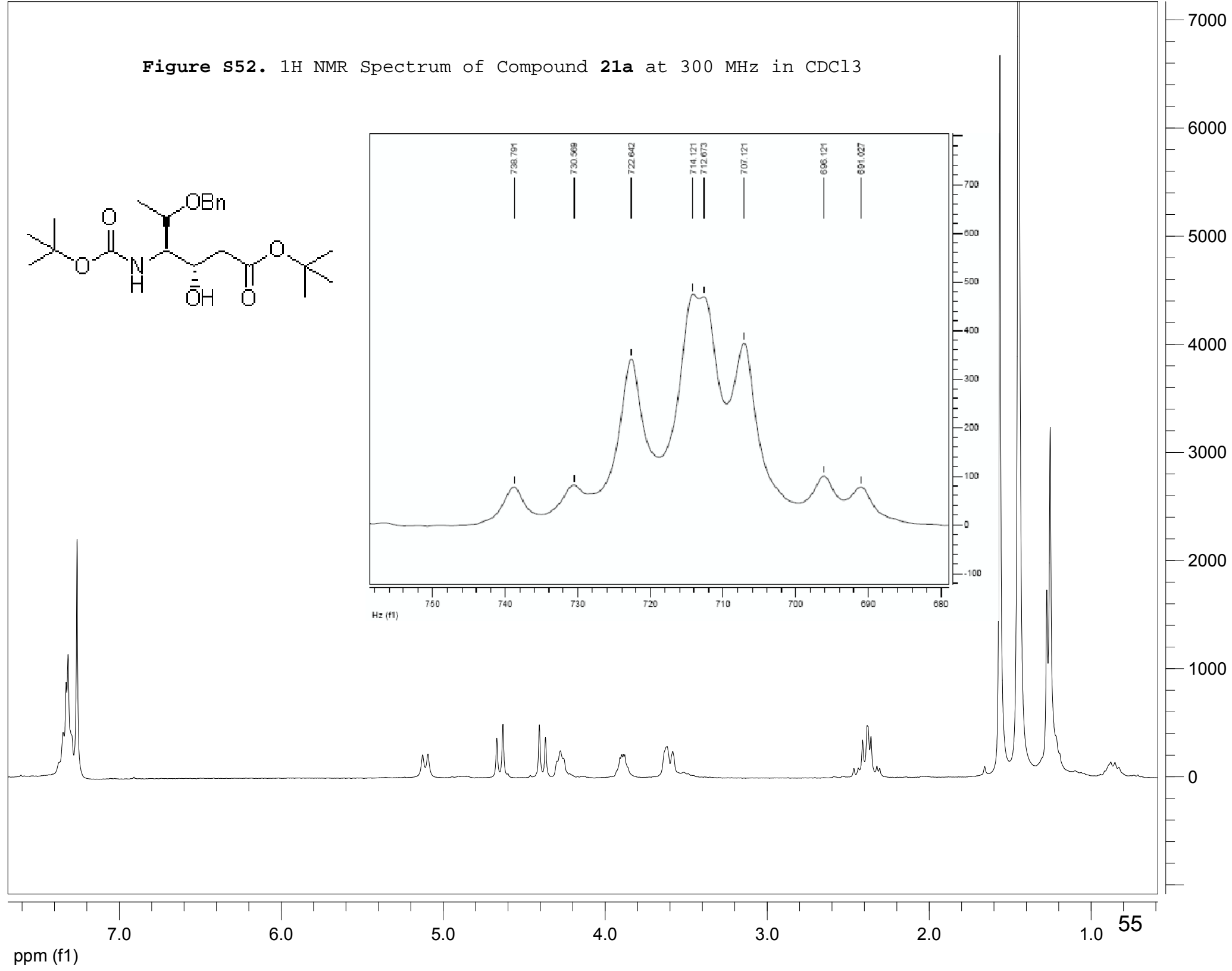
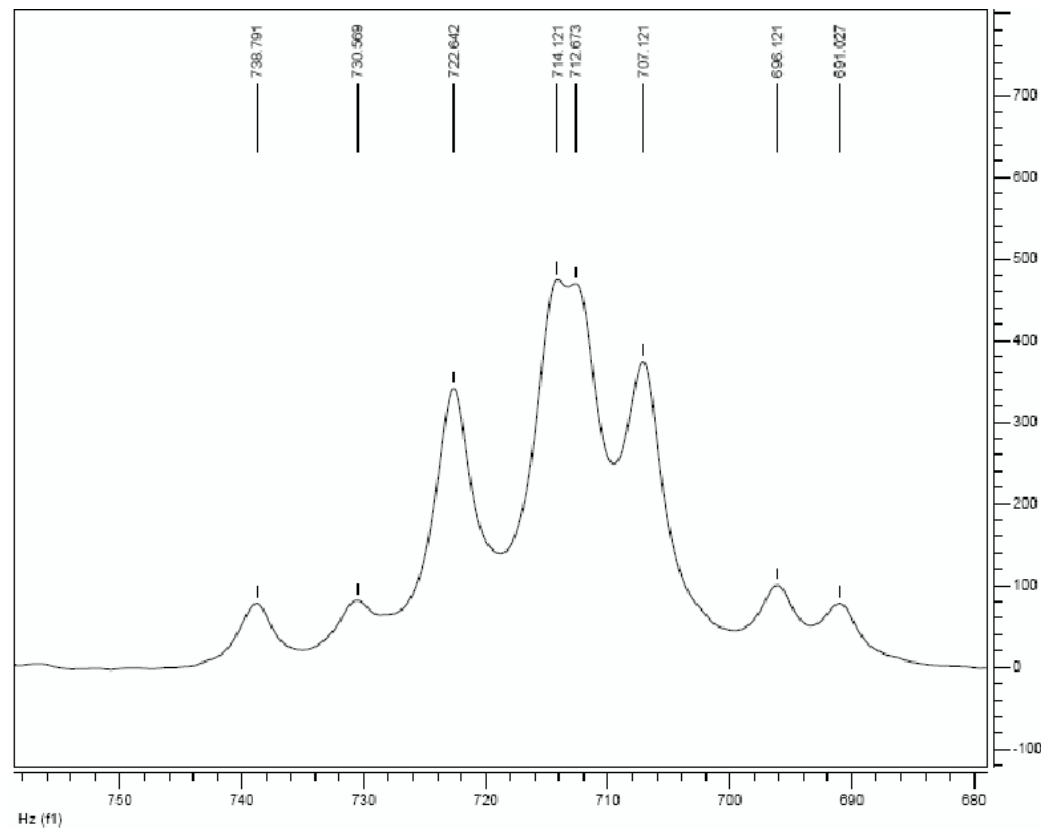
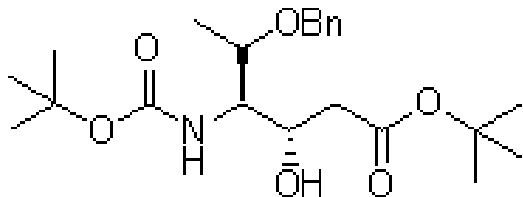


Figure S53. ¹H NMR Spectrum of Compound 21b at 300 MHz in CDCl₃

compound 21b

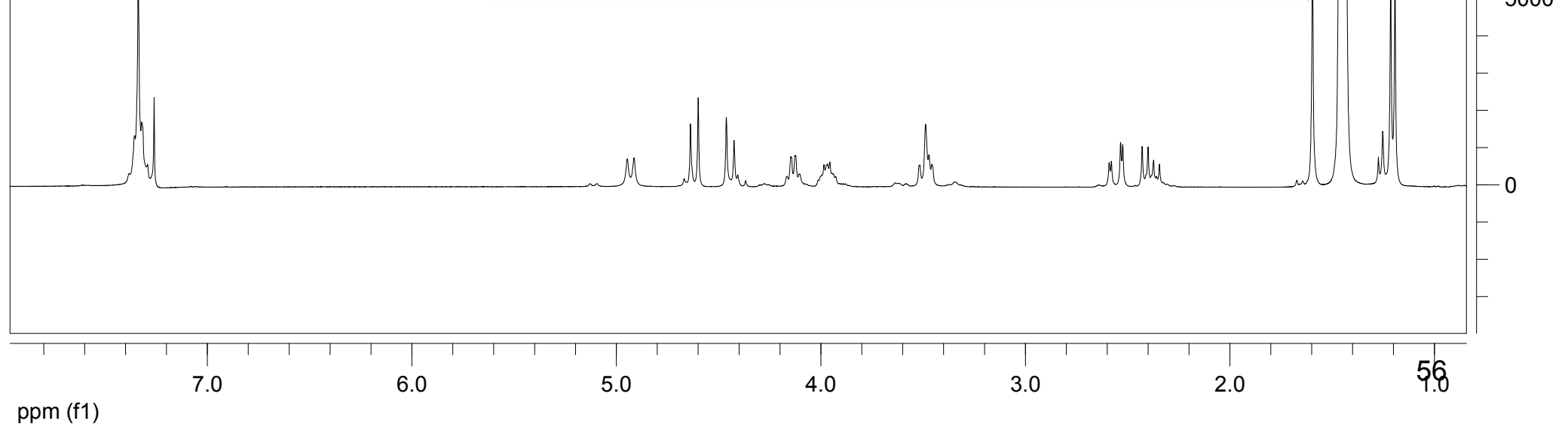
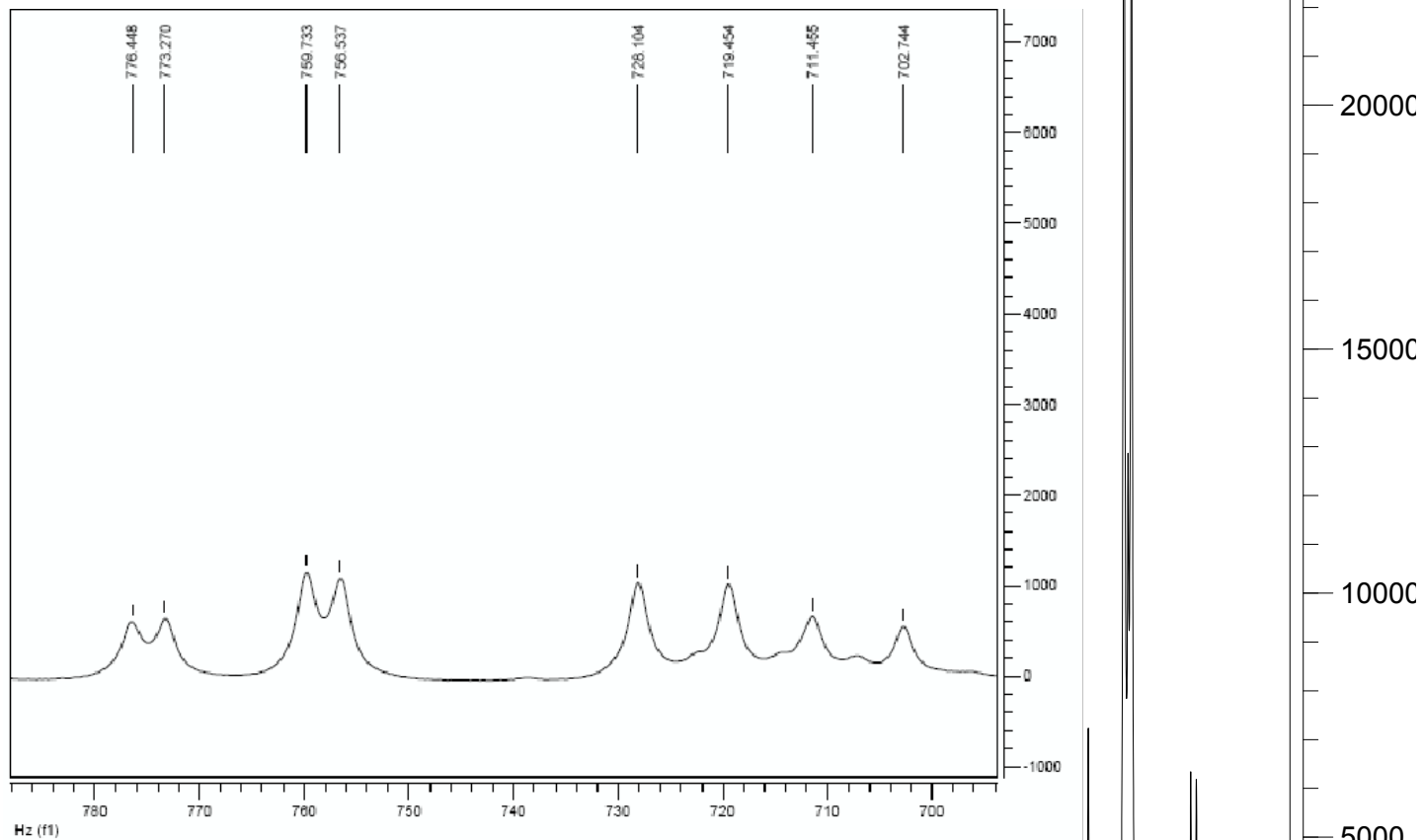
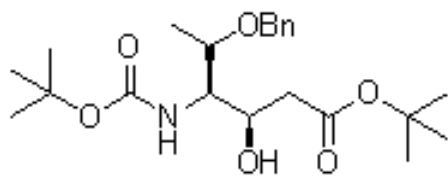


Figure S54. ¹H NMR Spectrum of Compound **21c** at 300 MHz in CDCl₃

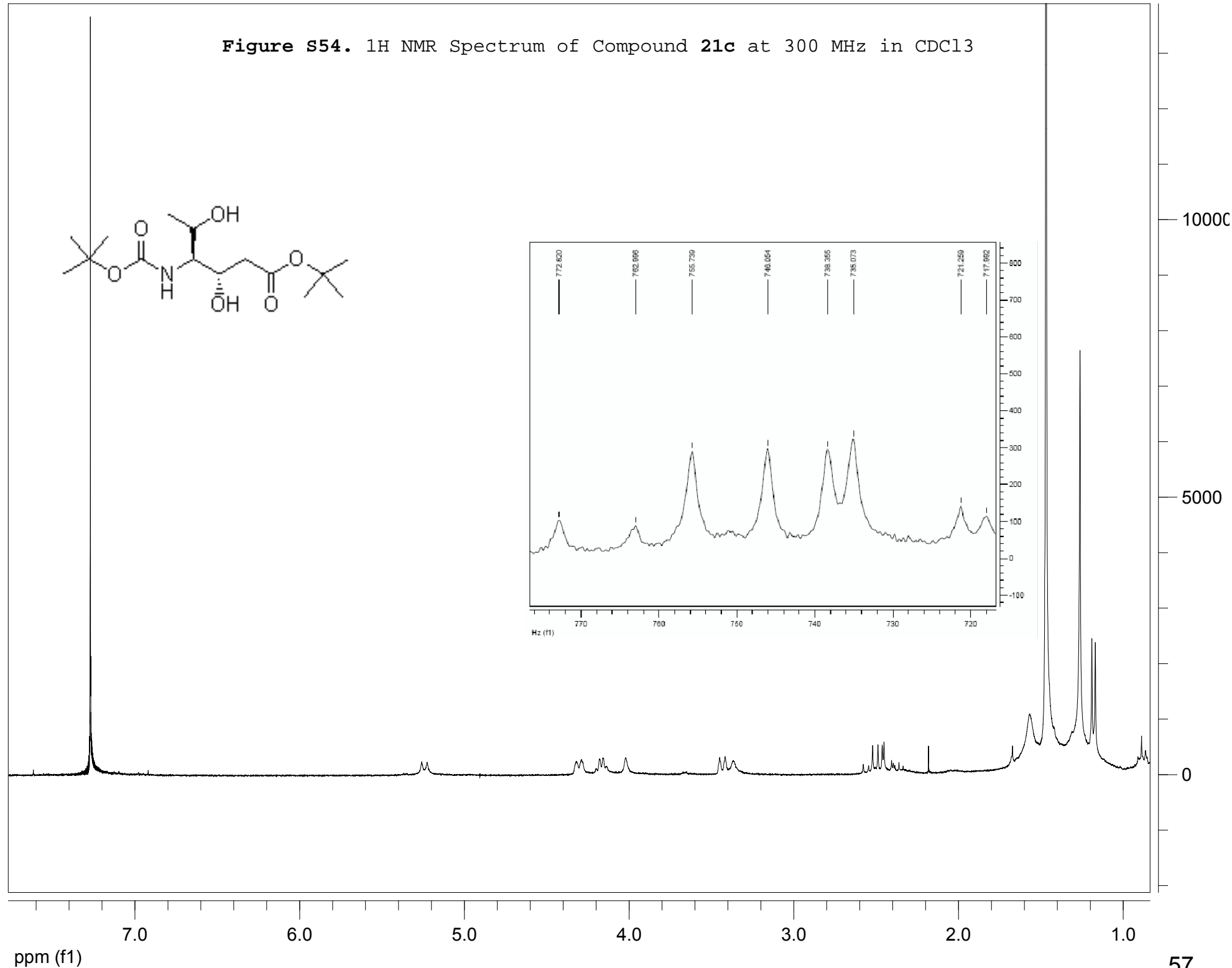
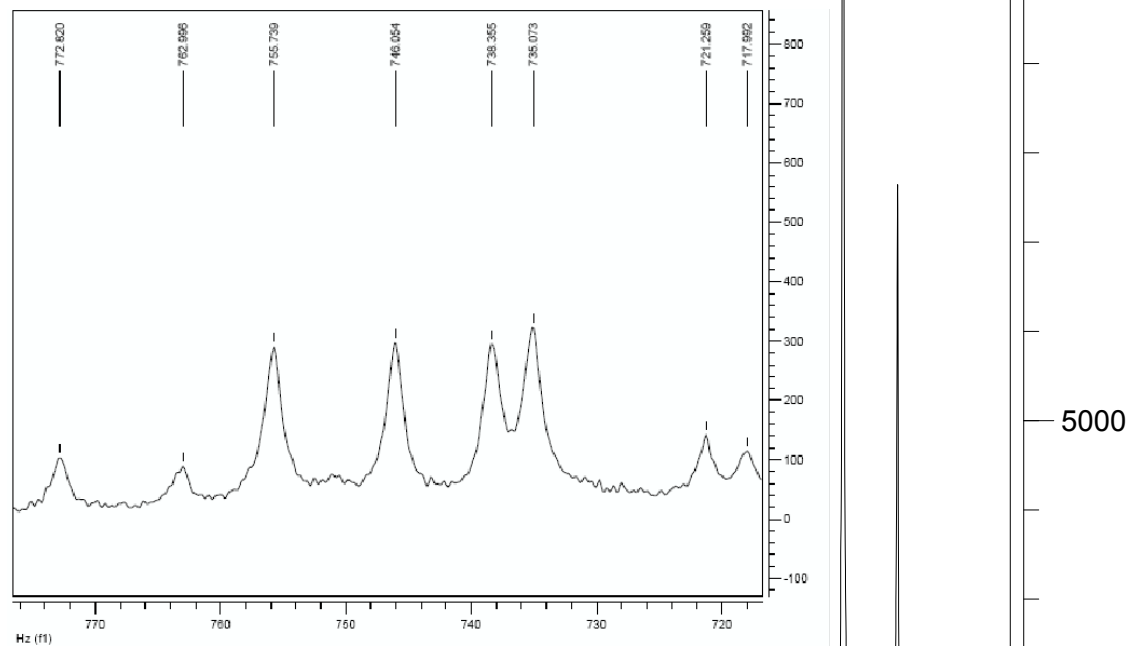
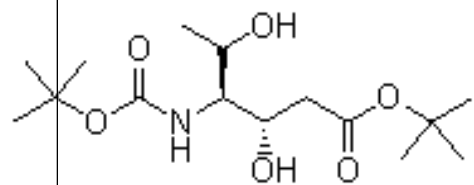


Figure S55. ¹H NMR Spectrum of Compound **21d** at 300 MHz in CDCl₃

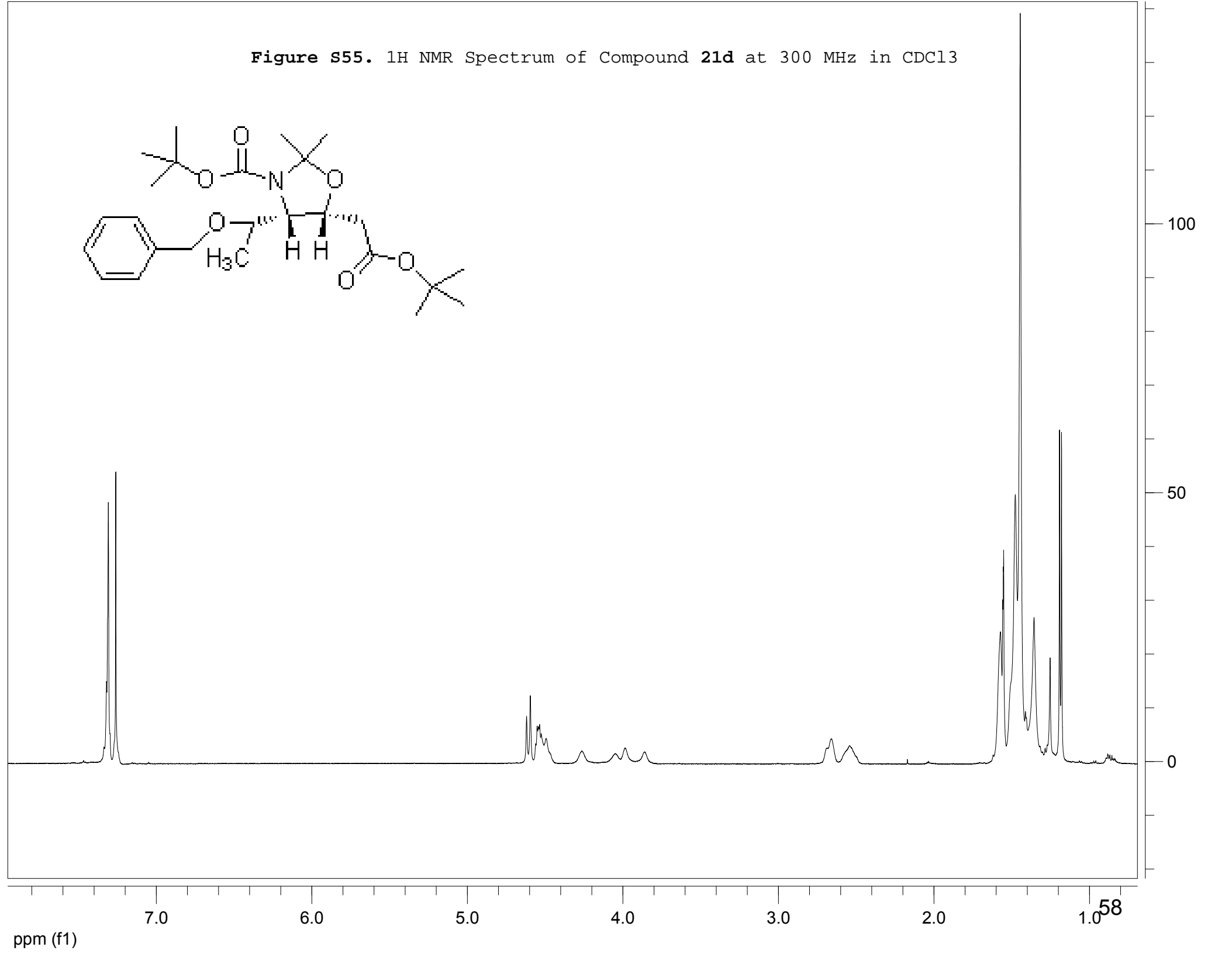
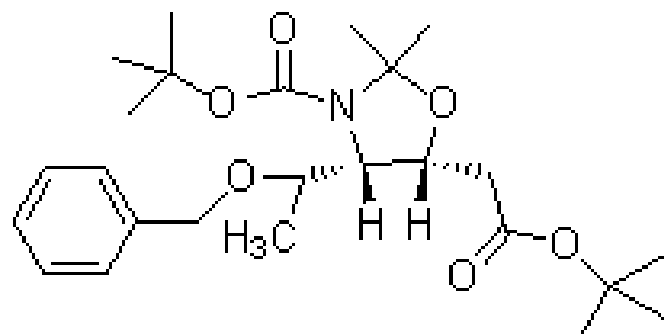


Figure S56. ¹H NMR Spectrum of Compound **22a** at 300 MHz in CDCl₃

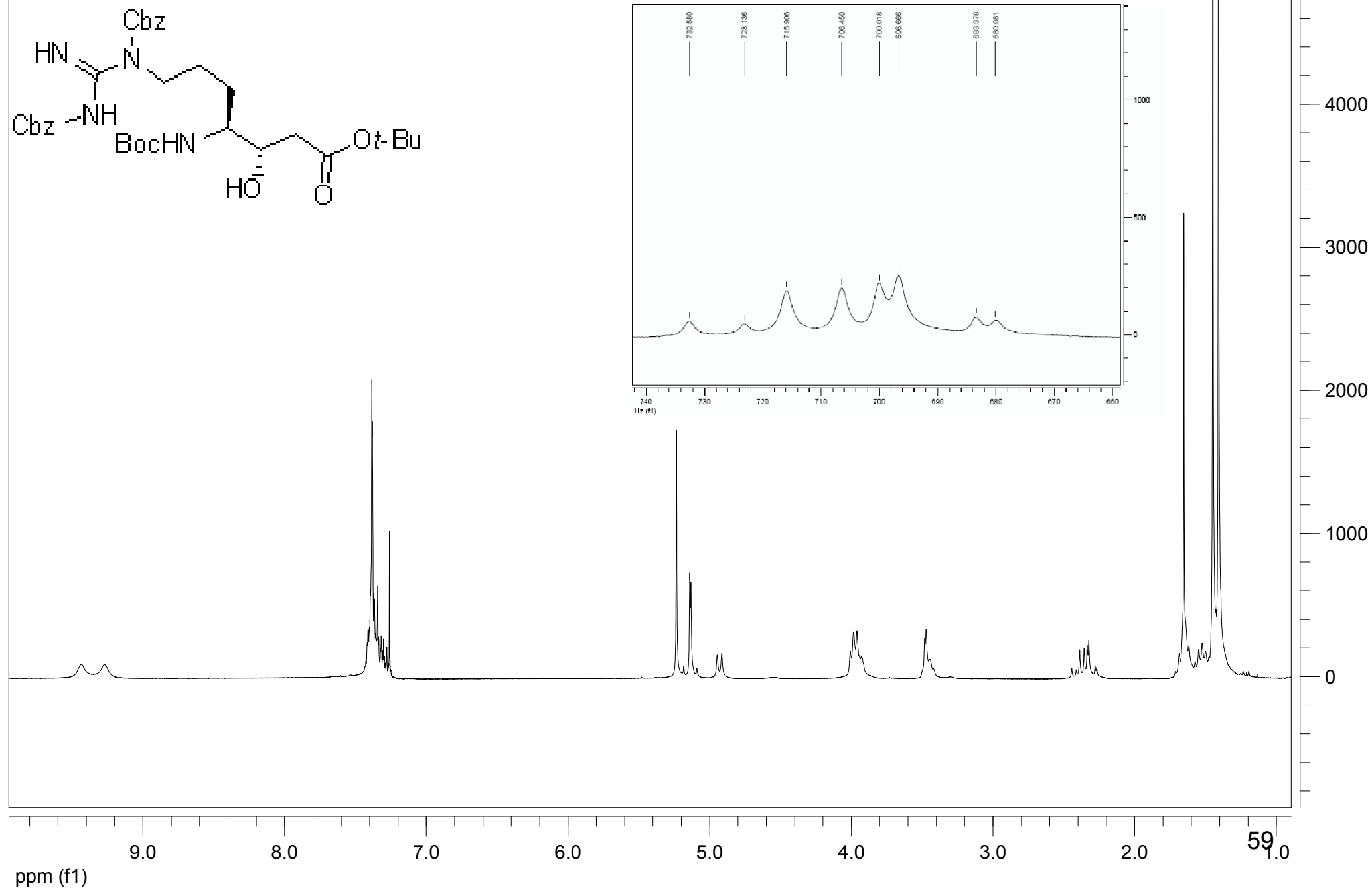


Figure S57. ¹H NMR Spectrum of Compound **22b** at 300 MHz in CDCl₃

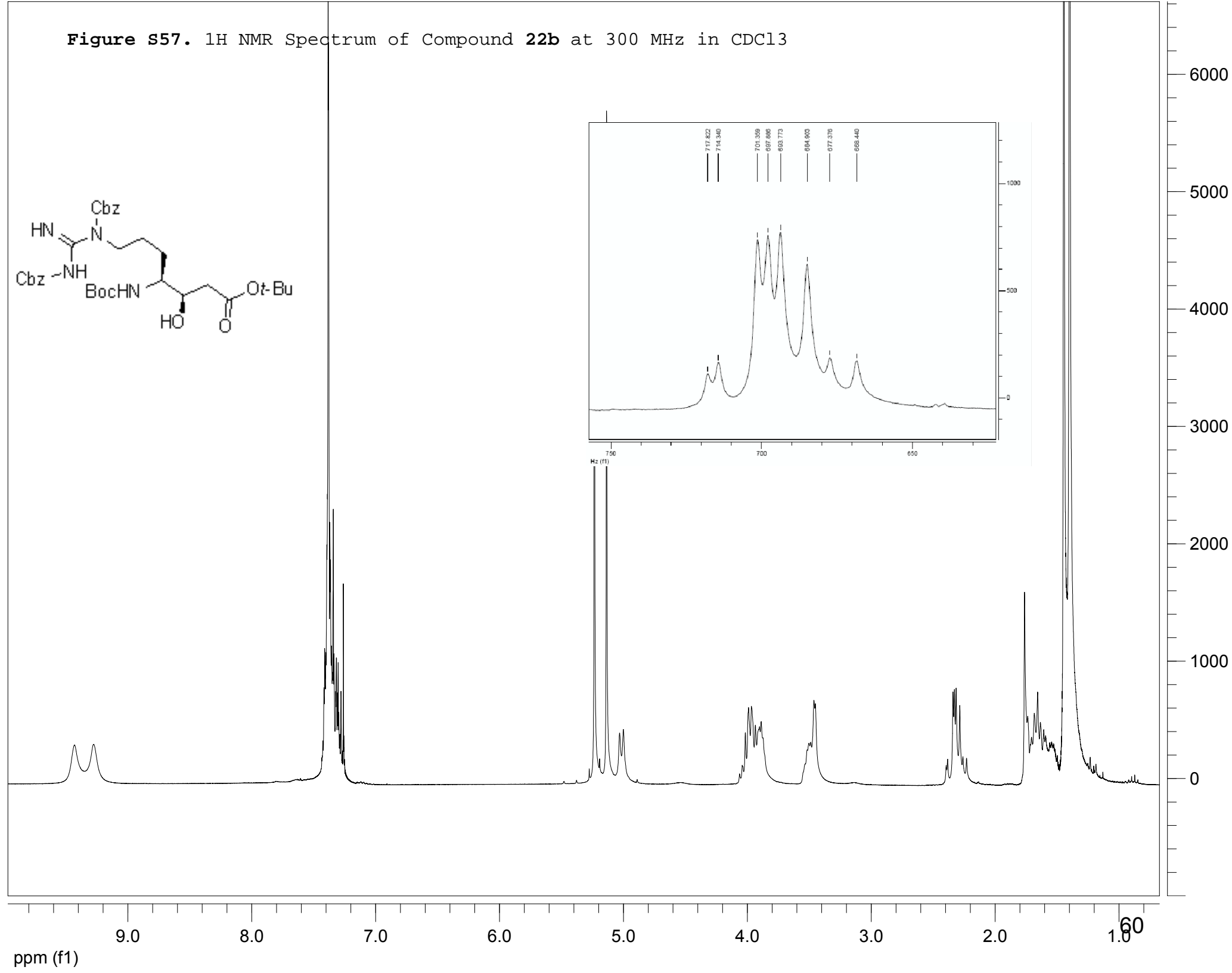


Figure S58. ¹H NMR Spectrum of Compound **22c** at 300 MHz in CDCl₃

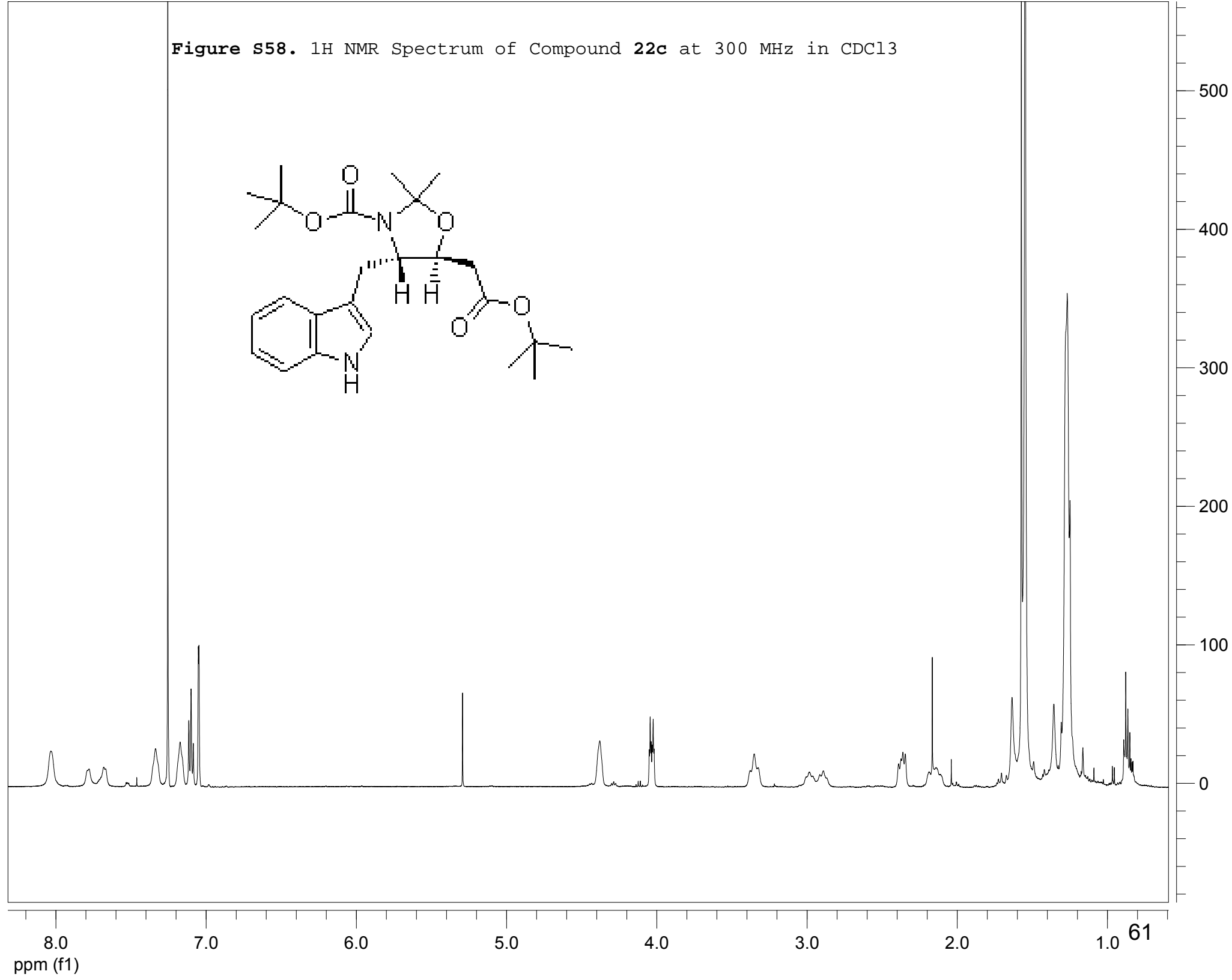
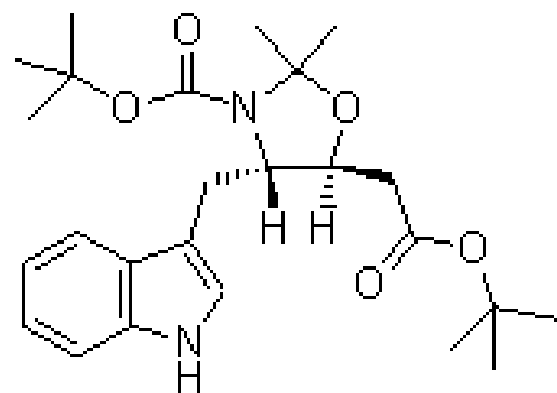


Figure S59. ¹H NMR Spectrum of Compound **23a** at 300 MHz in CDCl₃

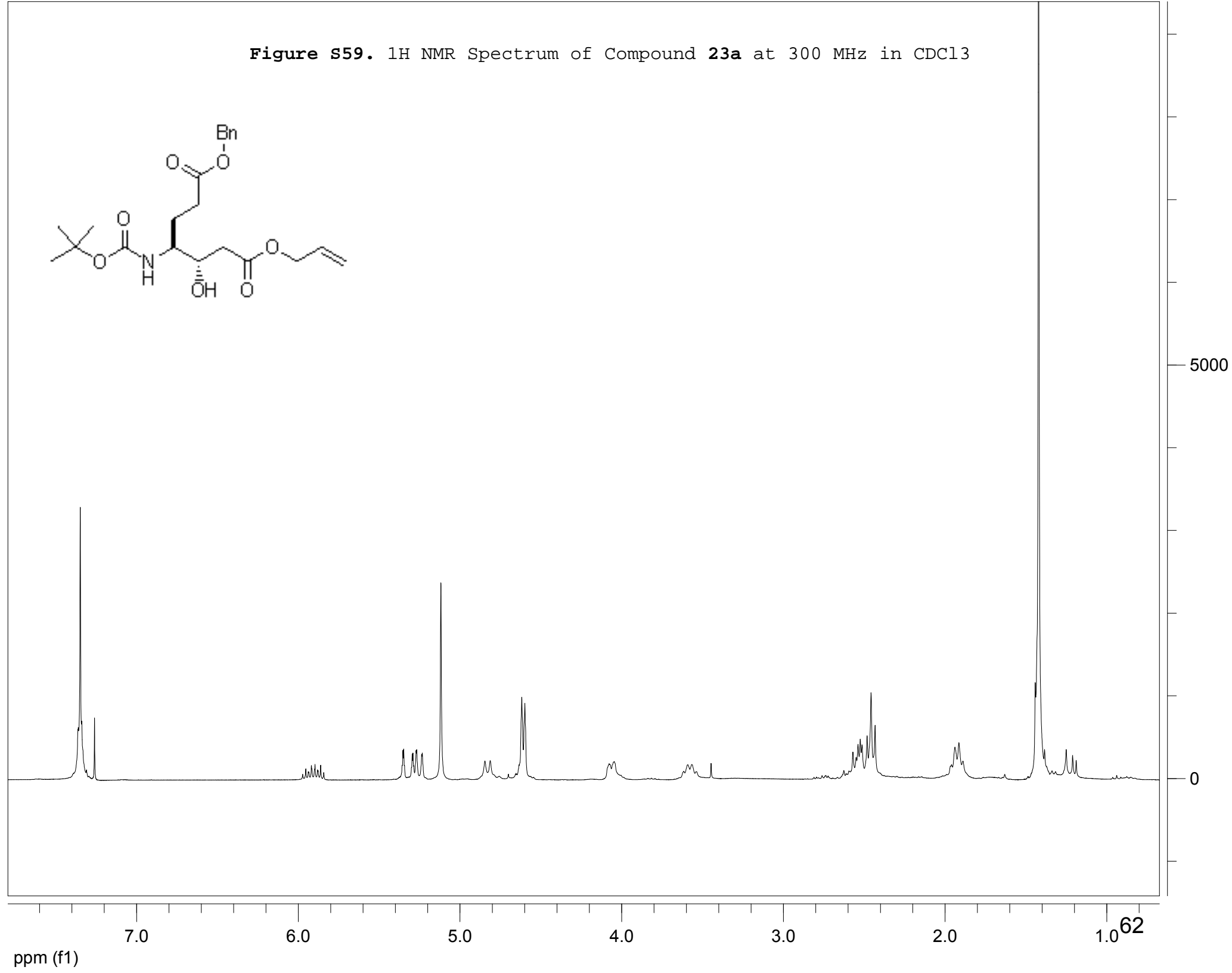
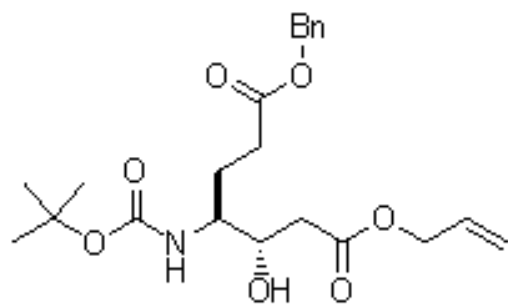


Figure S60. ¹H NMR Spectrum of Compound **23b** at 300 MHz in CDCl₃

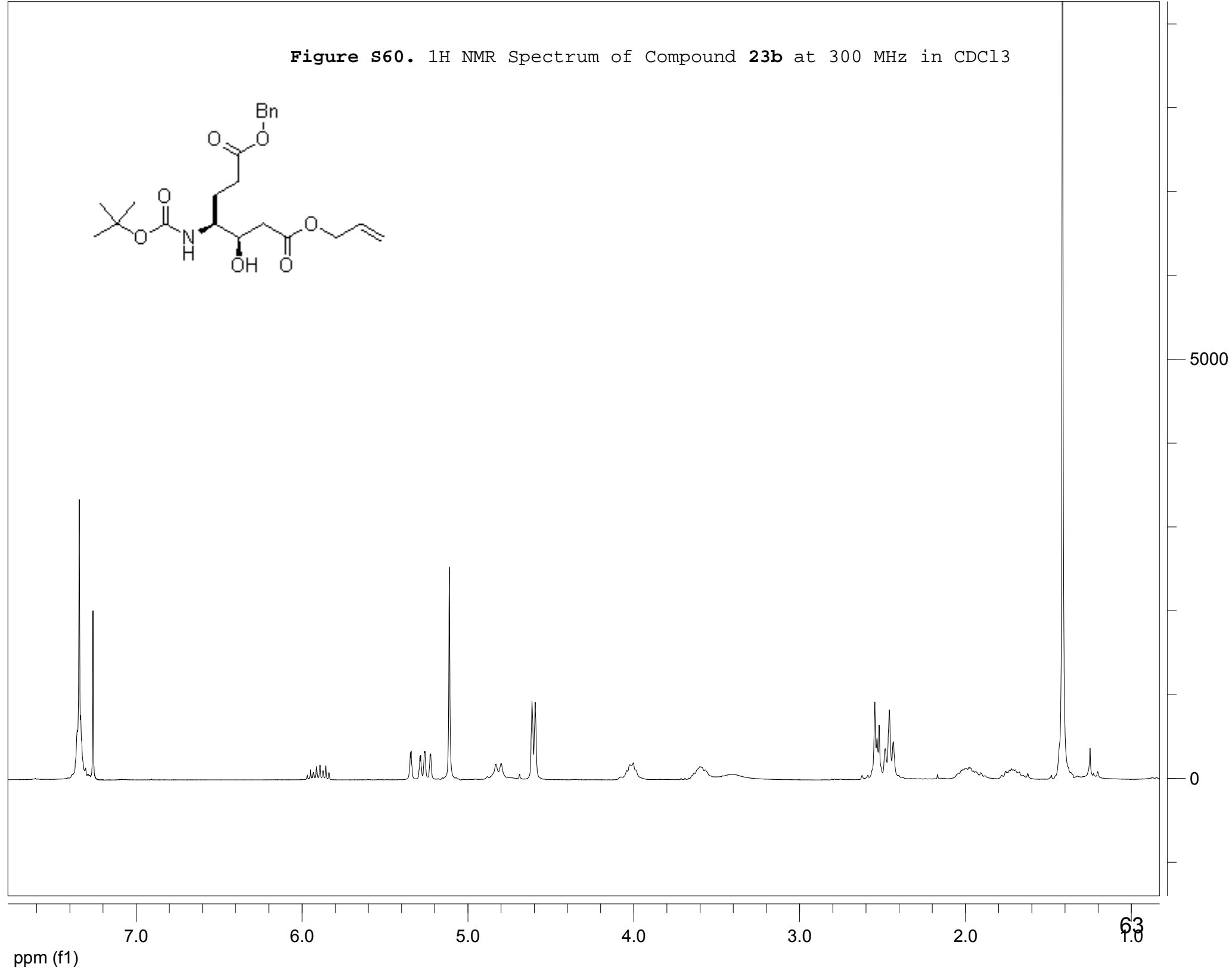
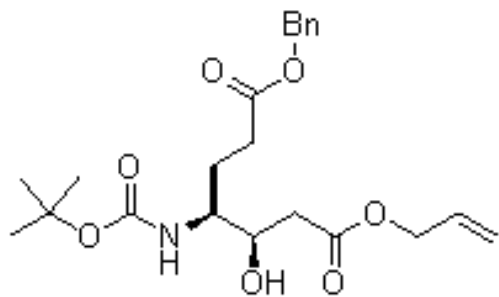


Figure S61. ¹H NMR Spectrum of Compound **24a** at 300 MHz in CDCl₃

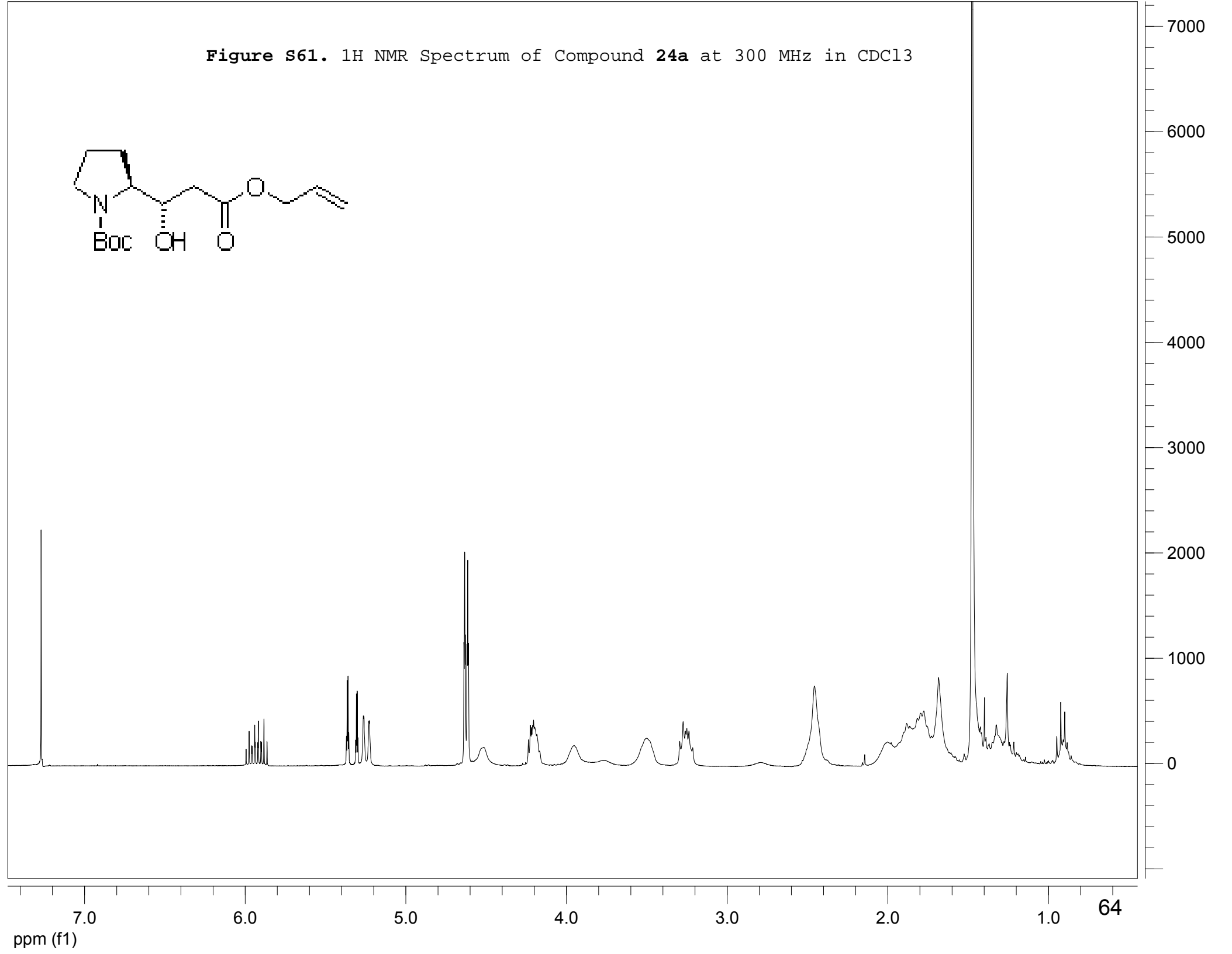
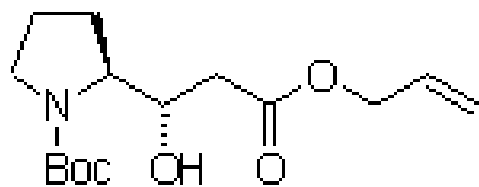


Figure S62. ¹H NMR Spectrum of Compound **24b** at 300 MHz in CDCl₃

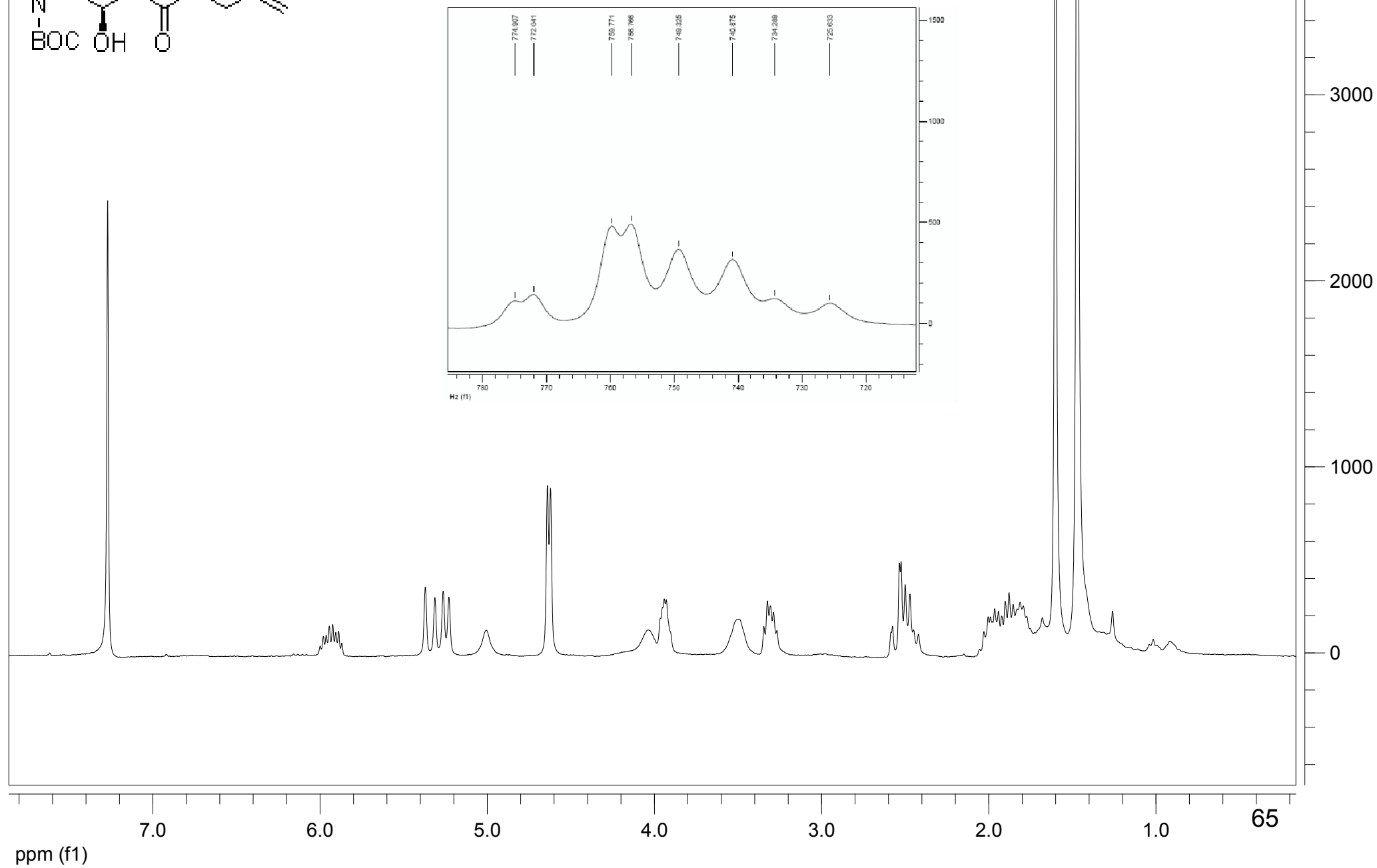
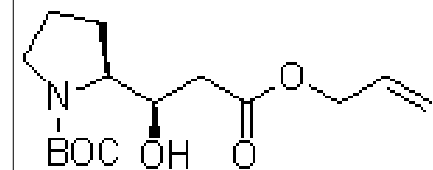


Figure 63. ¹H NMR Spectrum of **18a** in CDCl₃ at 300 MHz

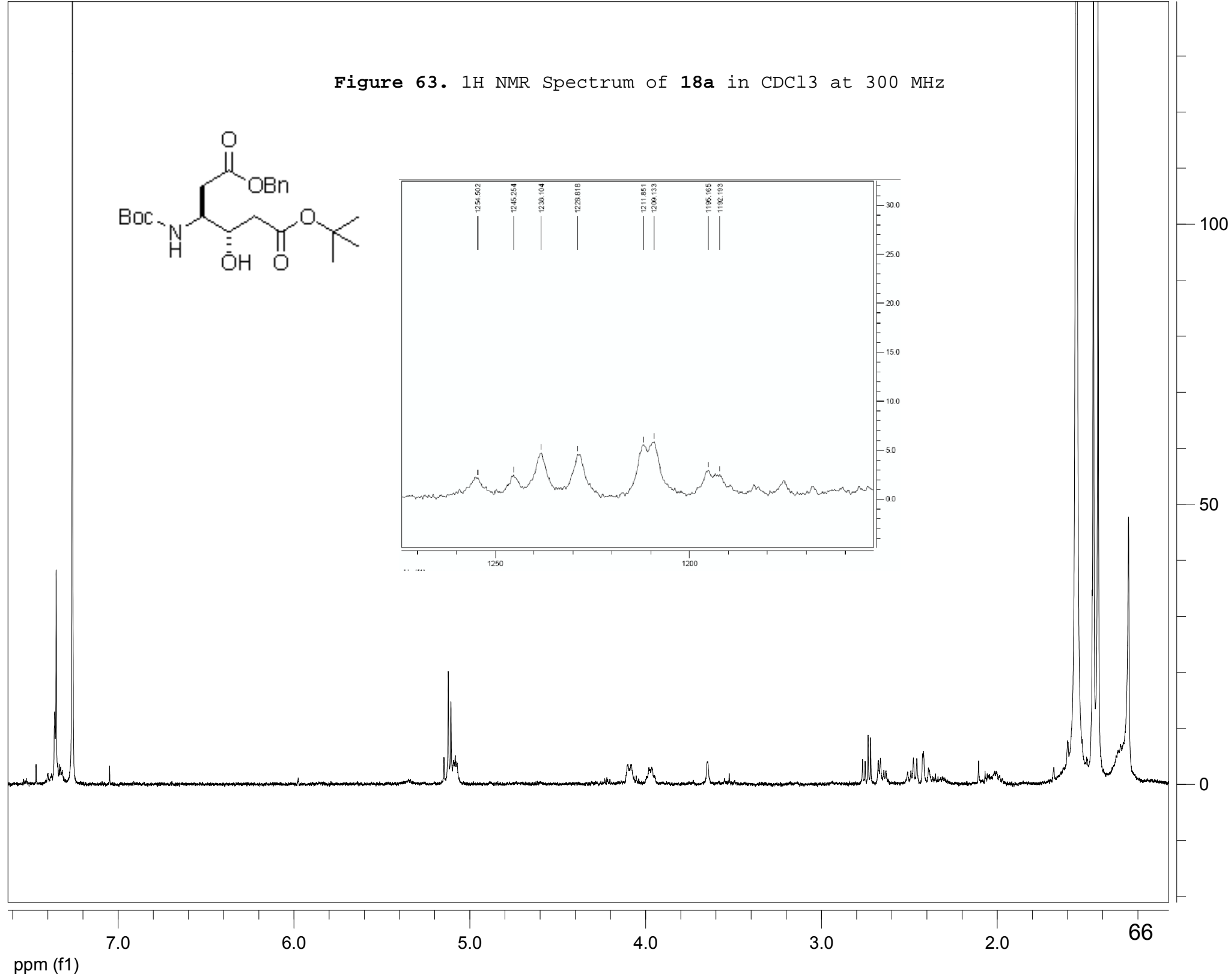
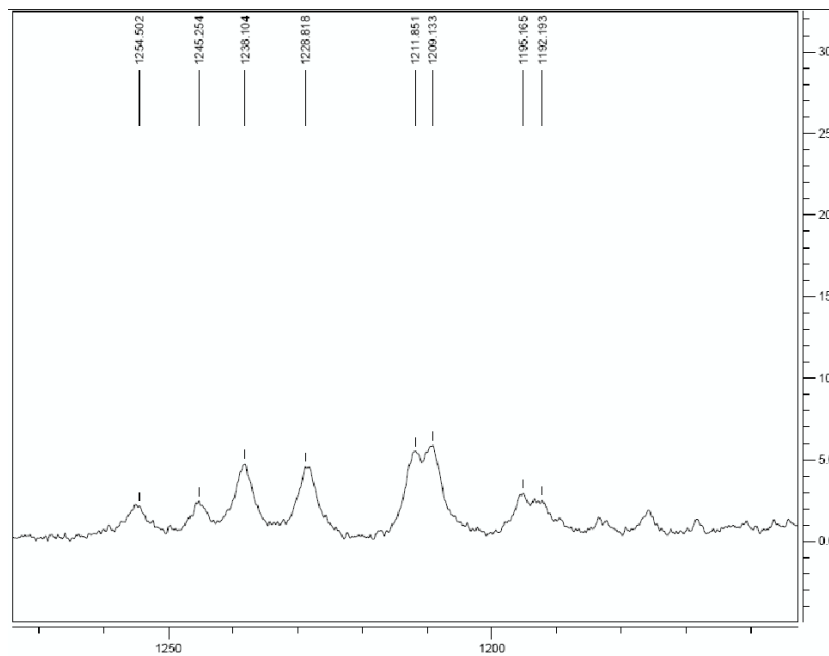
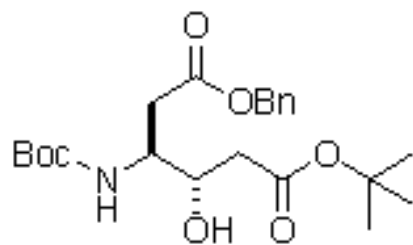


Figure 64. ¹H NMR Spectrum of **18b** in CDCl₃ at 300 MHz

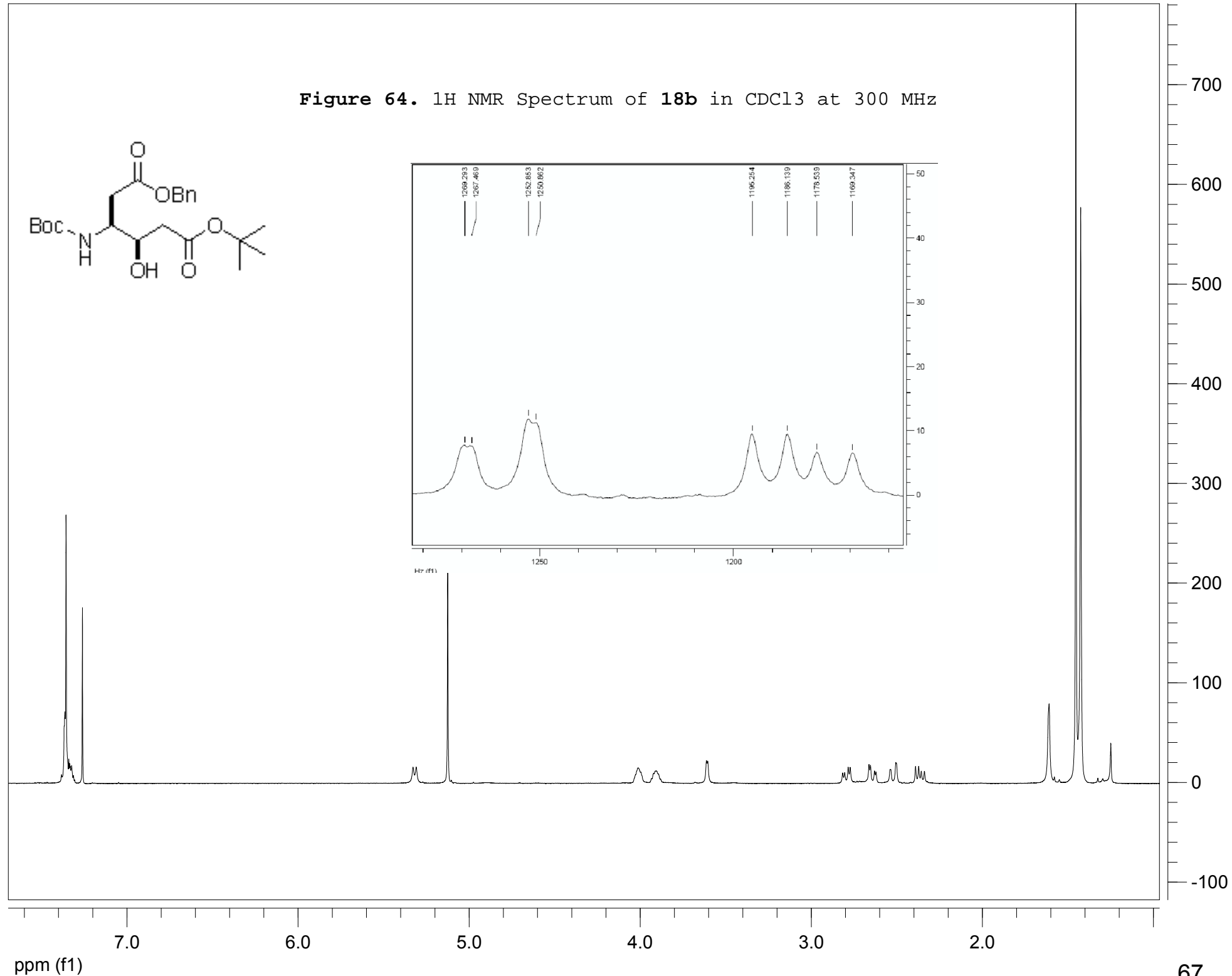
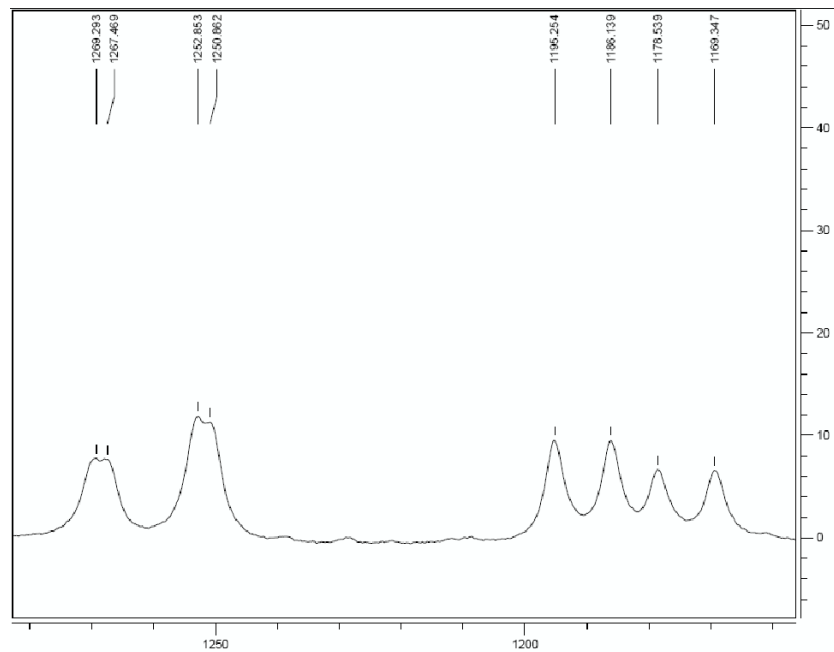
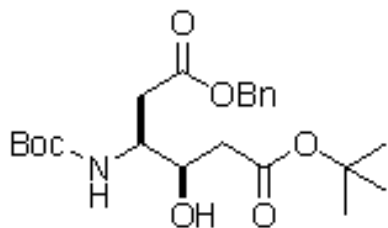


Figure 65. ¹H NMR spectrum of Compound **16c** at 300 MHz in CDCl₃

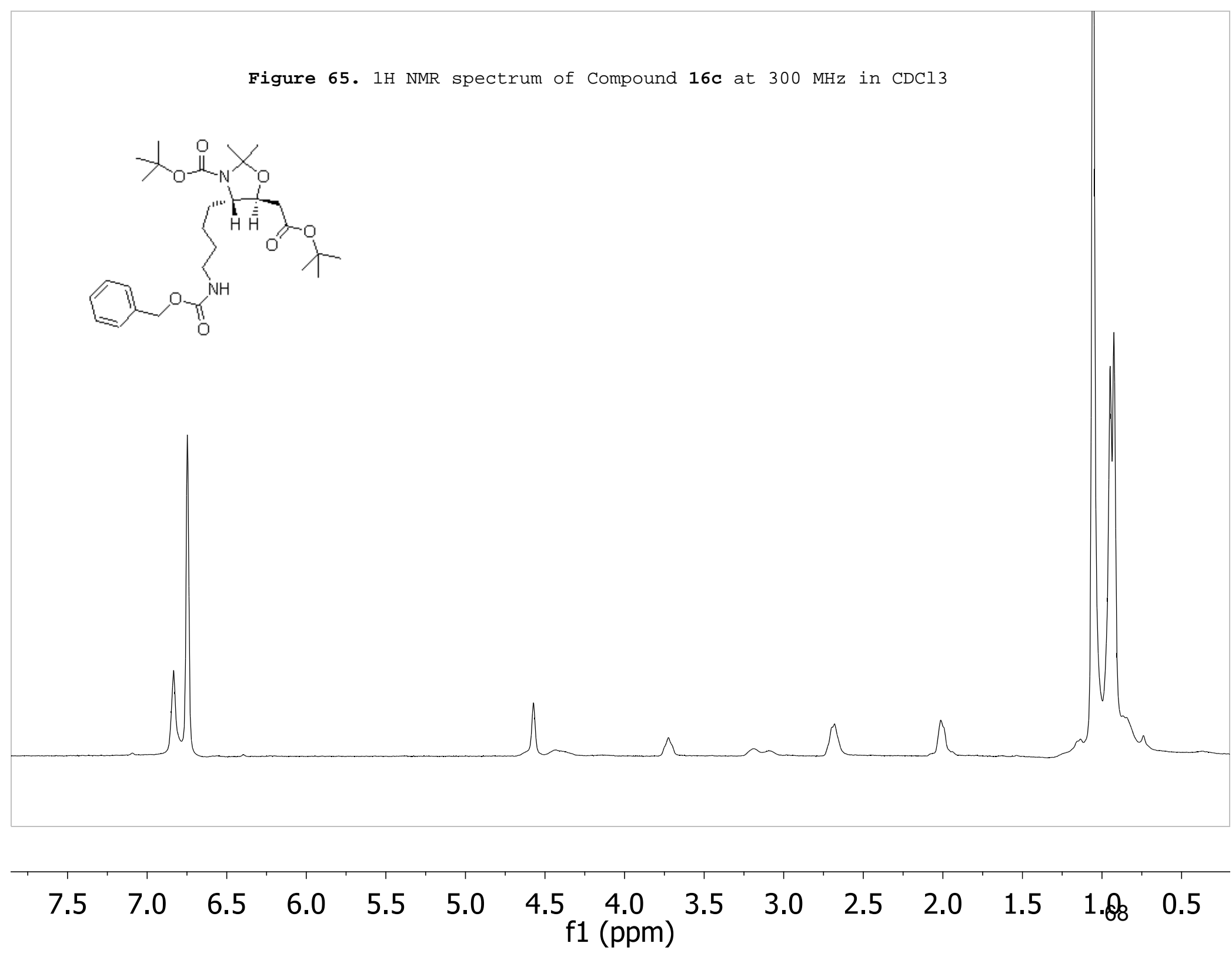
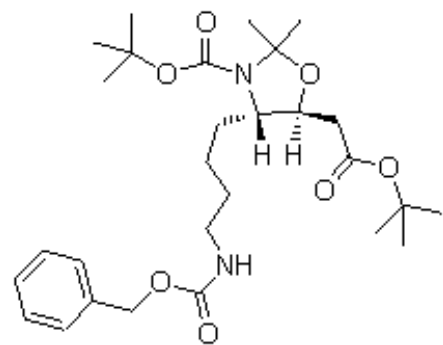
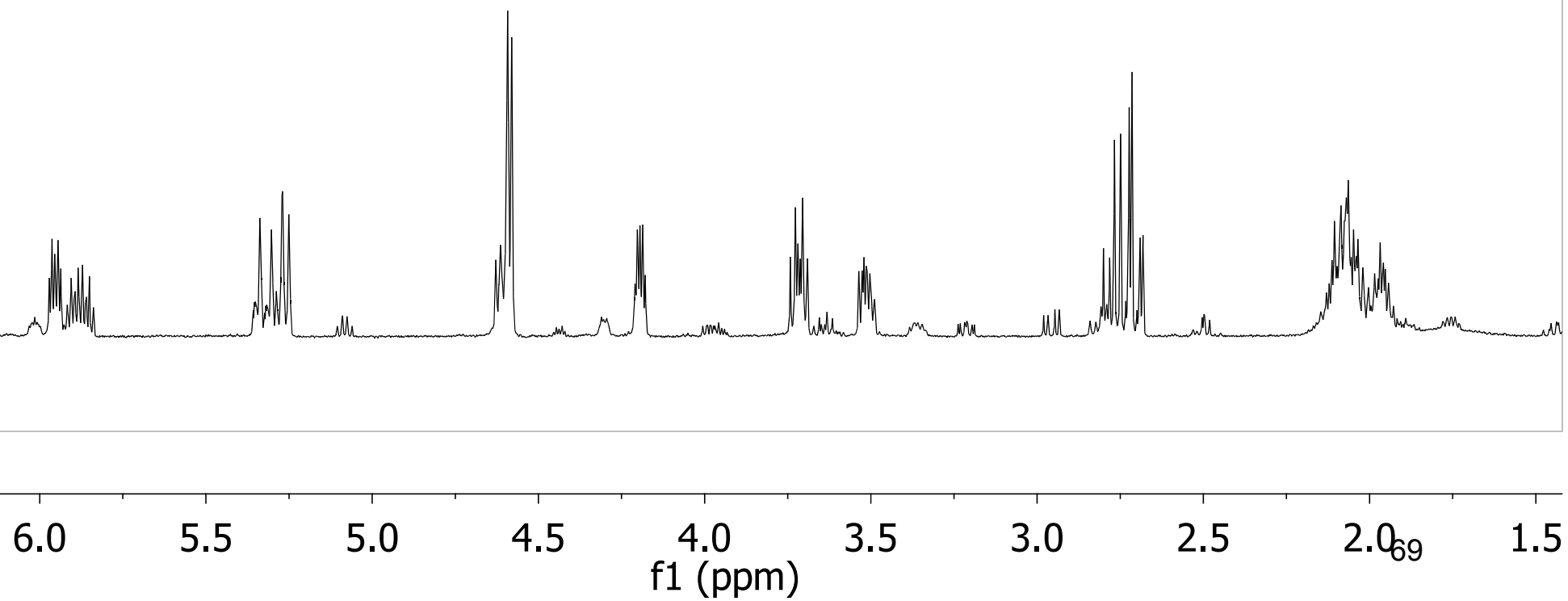
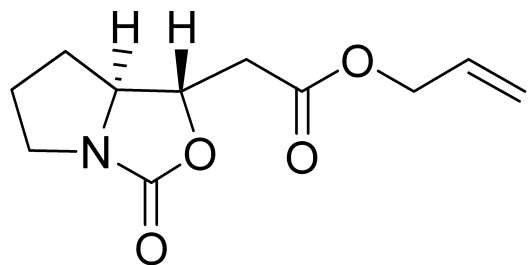


Figure 66. ¹H NMR spectrum of Compound **24c** at 500 MHz in CDCl₃



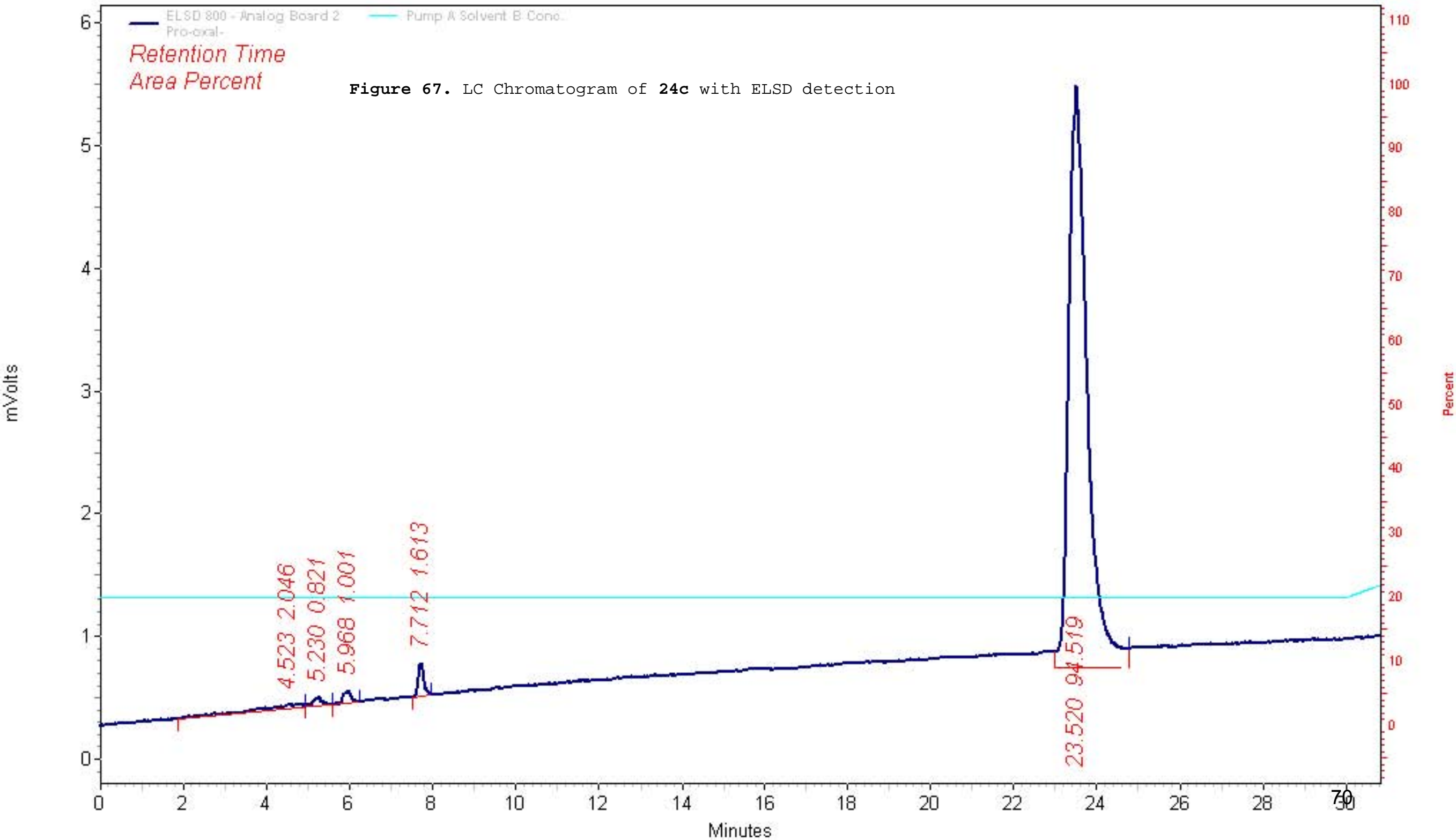


Figure 68. ¹H NMR spectrum of Compound **9a** at 300 MHz in CDCl₃

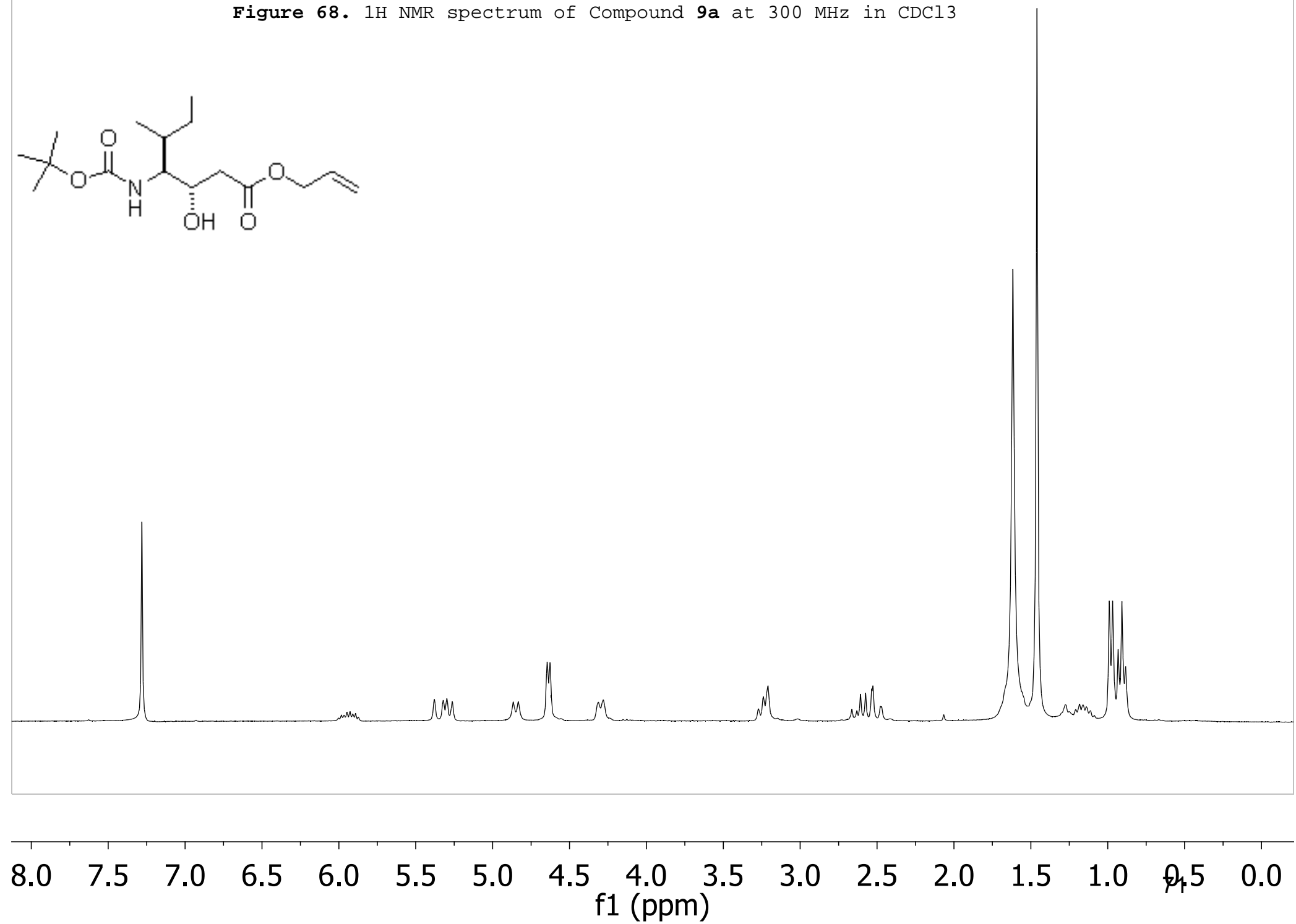
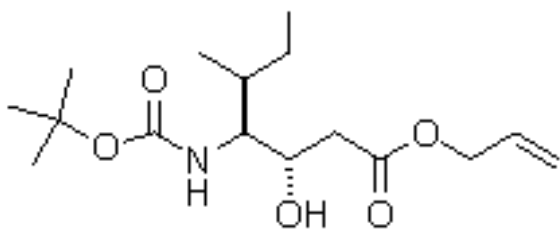


Figure 69. ¹H NMR spectrum of Compound **9b** at 300 MHz in CDCl₃

