^{1}H and ^{13}C NMR spectra for:

A Gold-Catalysed Entry into a Collection of Amino Acid-Derived 2,5-Disubstituted Oxazoles

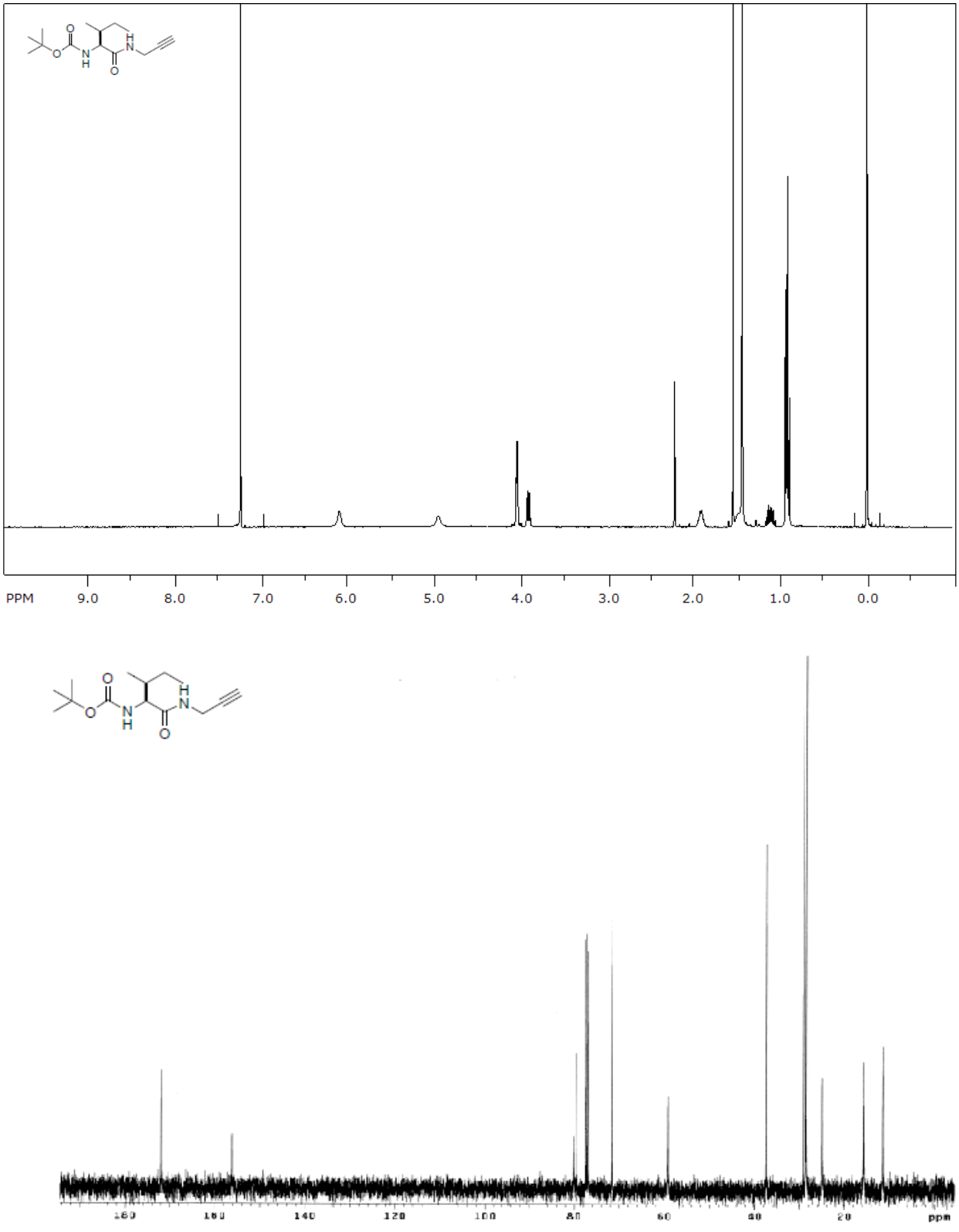

Figure S1. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **3a**.

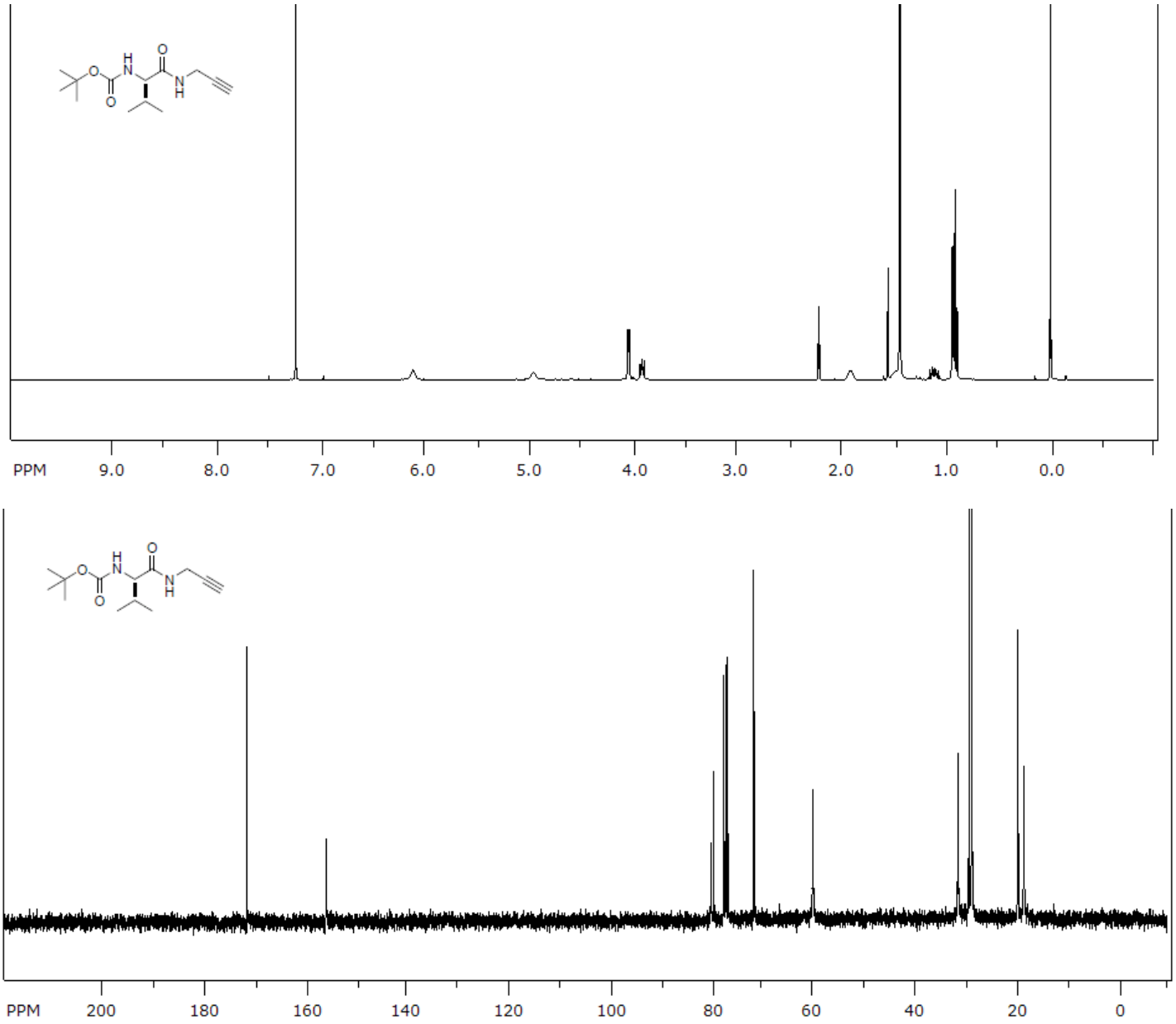

Figure S2. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **3b**.

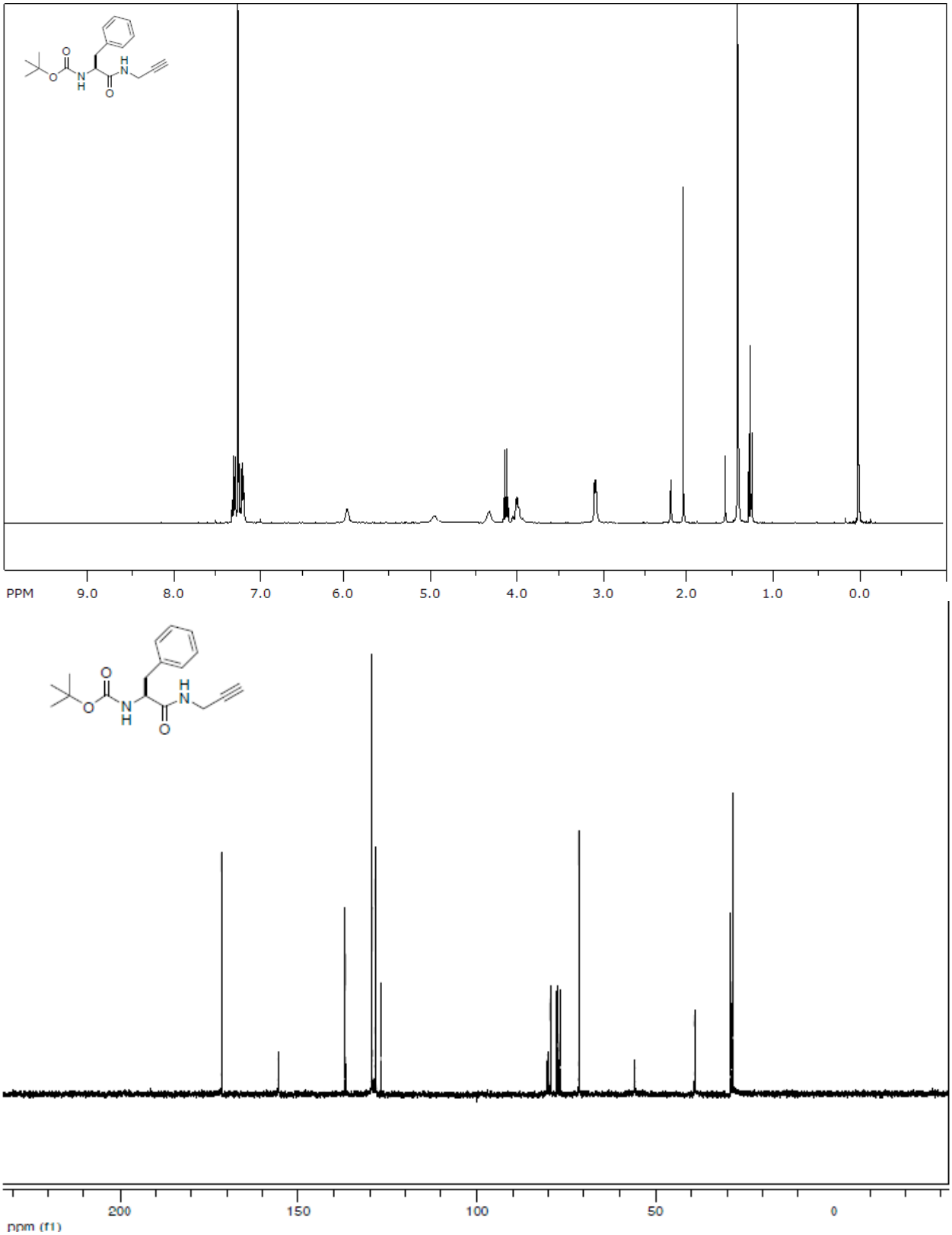

Figure S3. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **3c**.

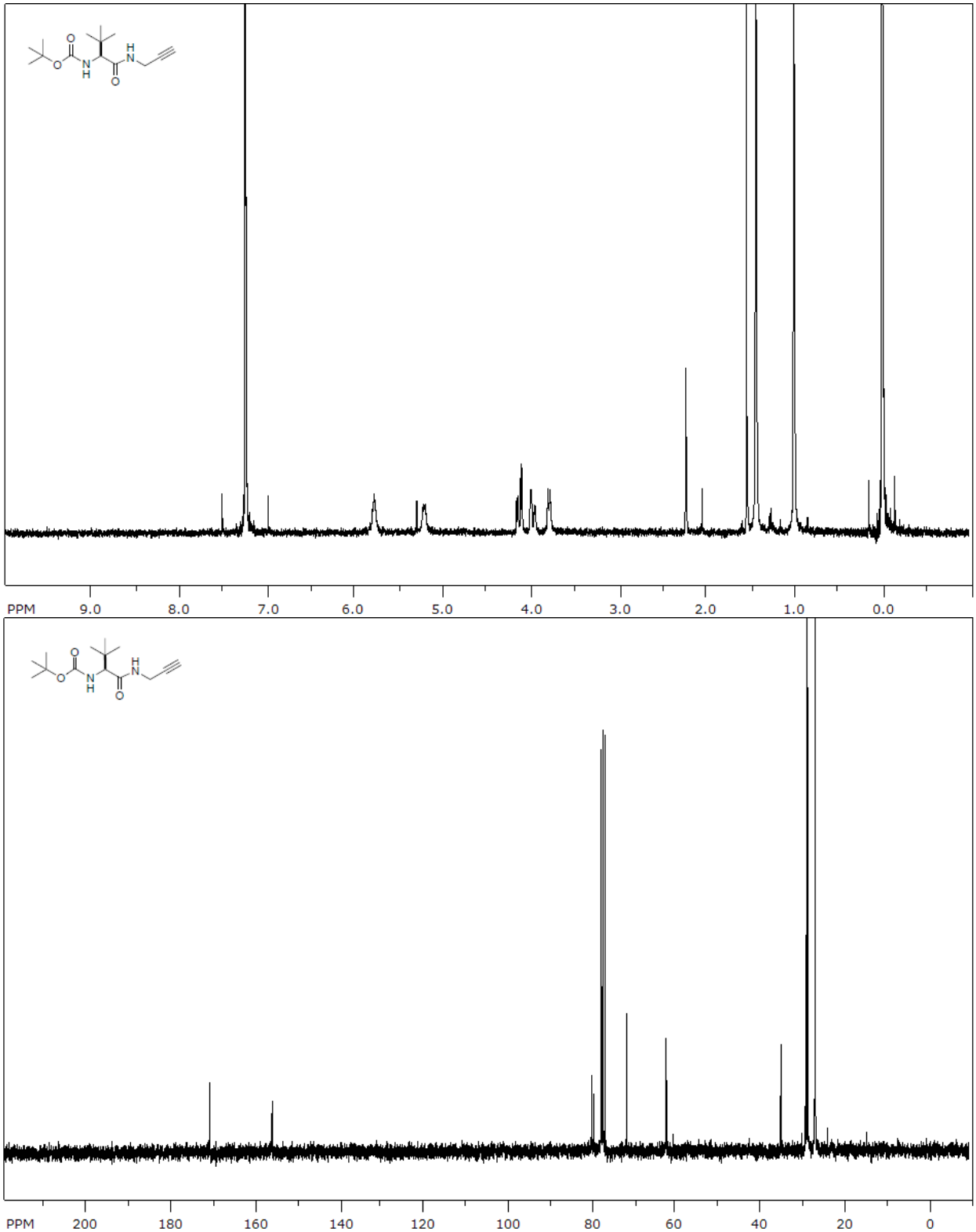

Figure S4. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **3d**.

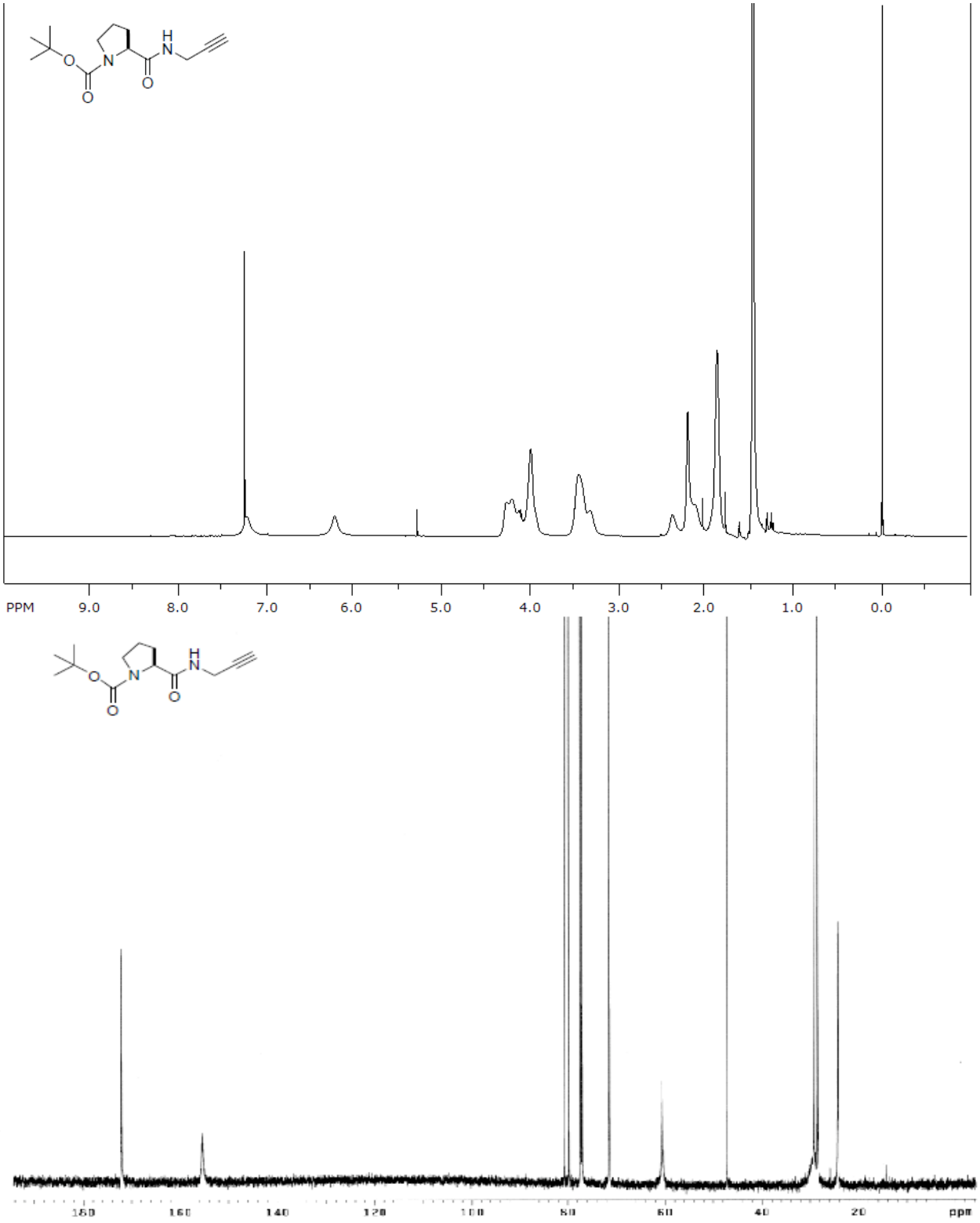

Figure S5. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **3e**.

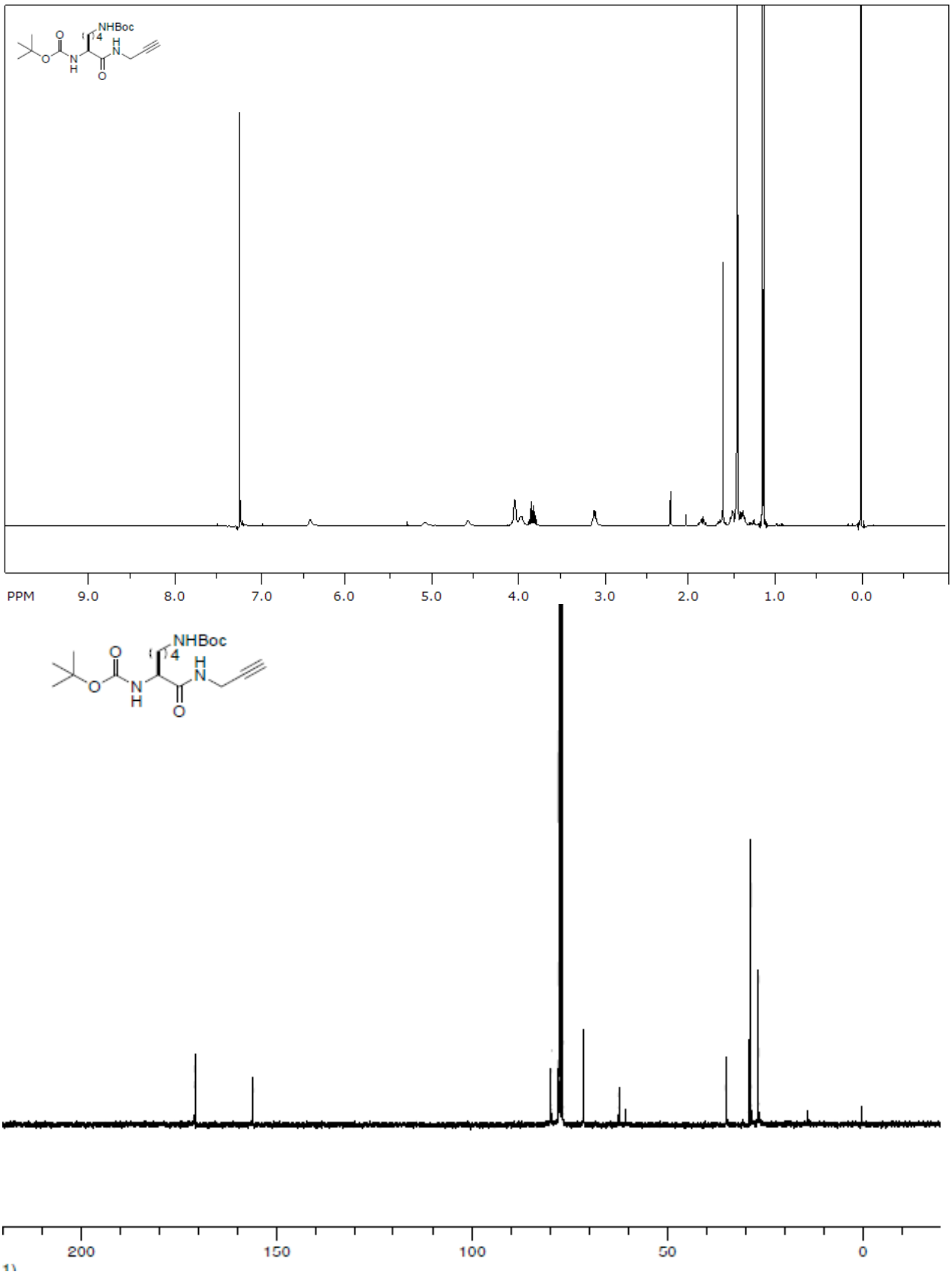

Figure S6. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **3f**.

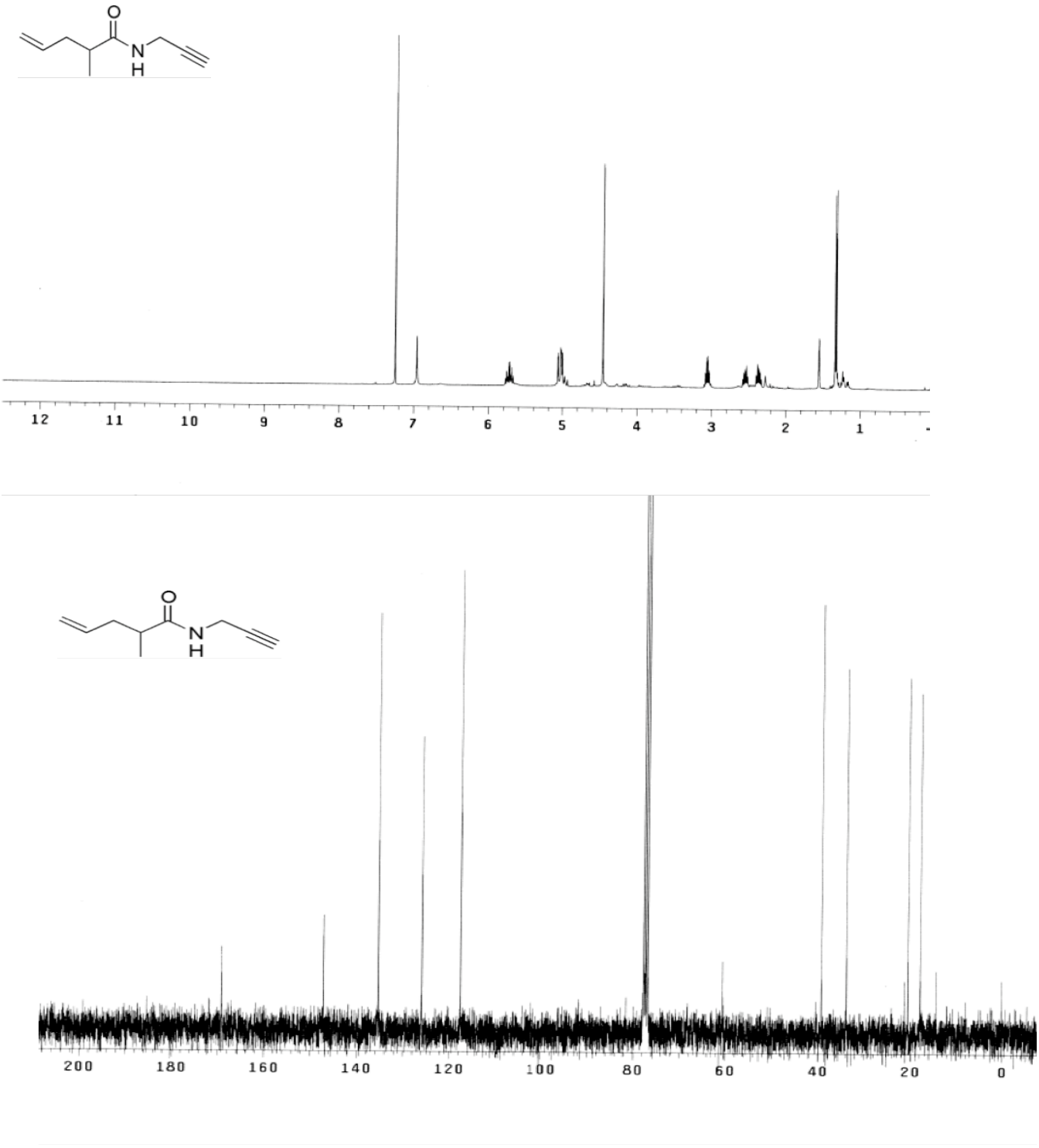

Figure S7. (top) ^{1}H (300 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **3i**.

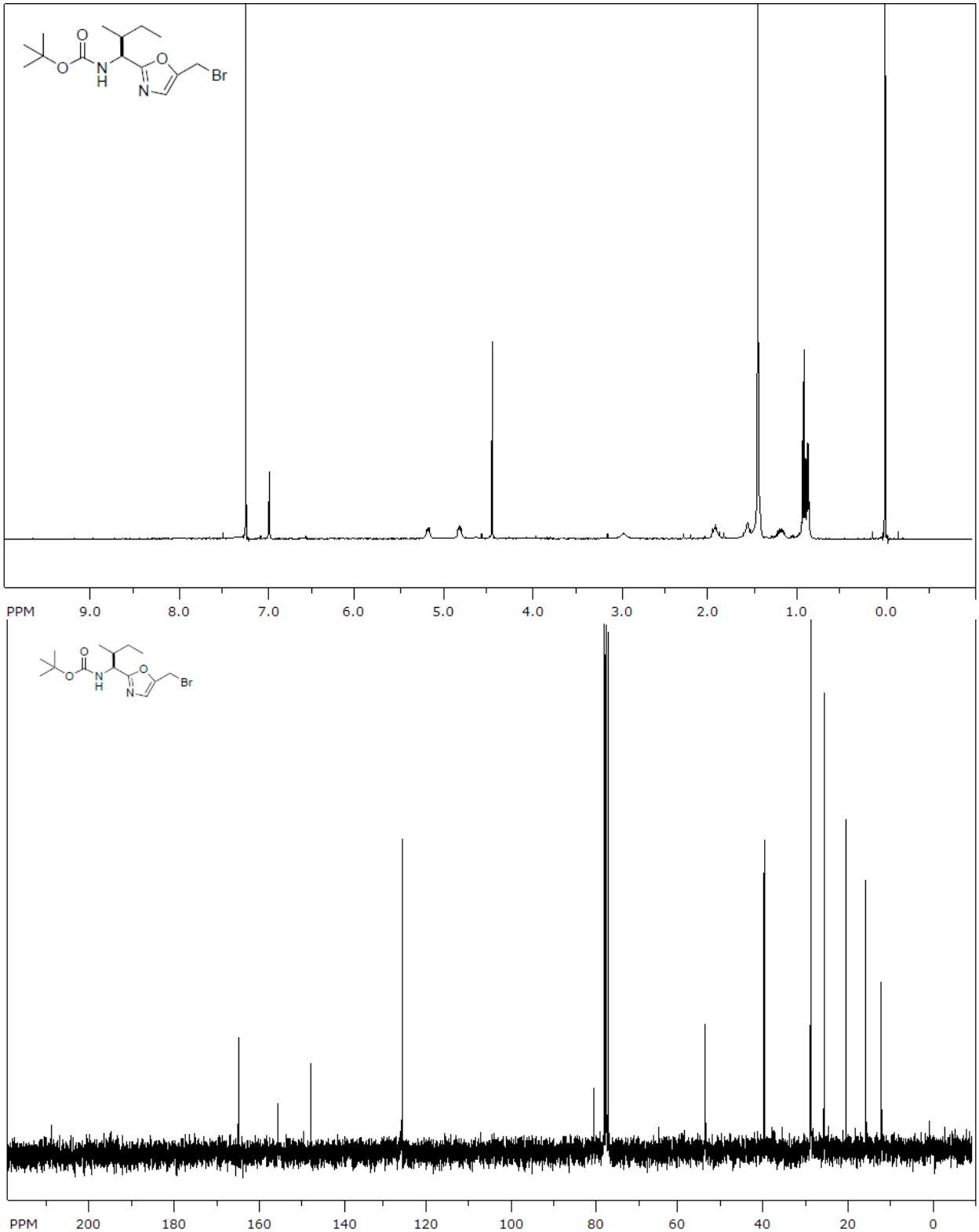

Figure S8. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7a**.

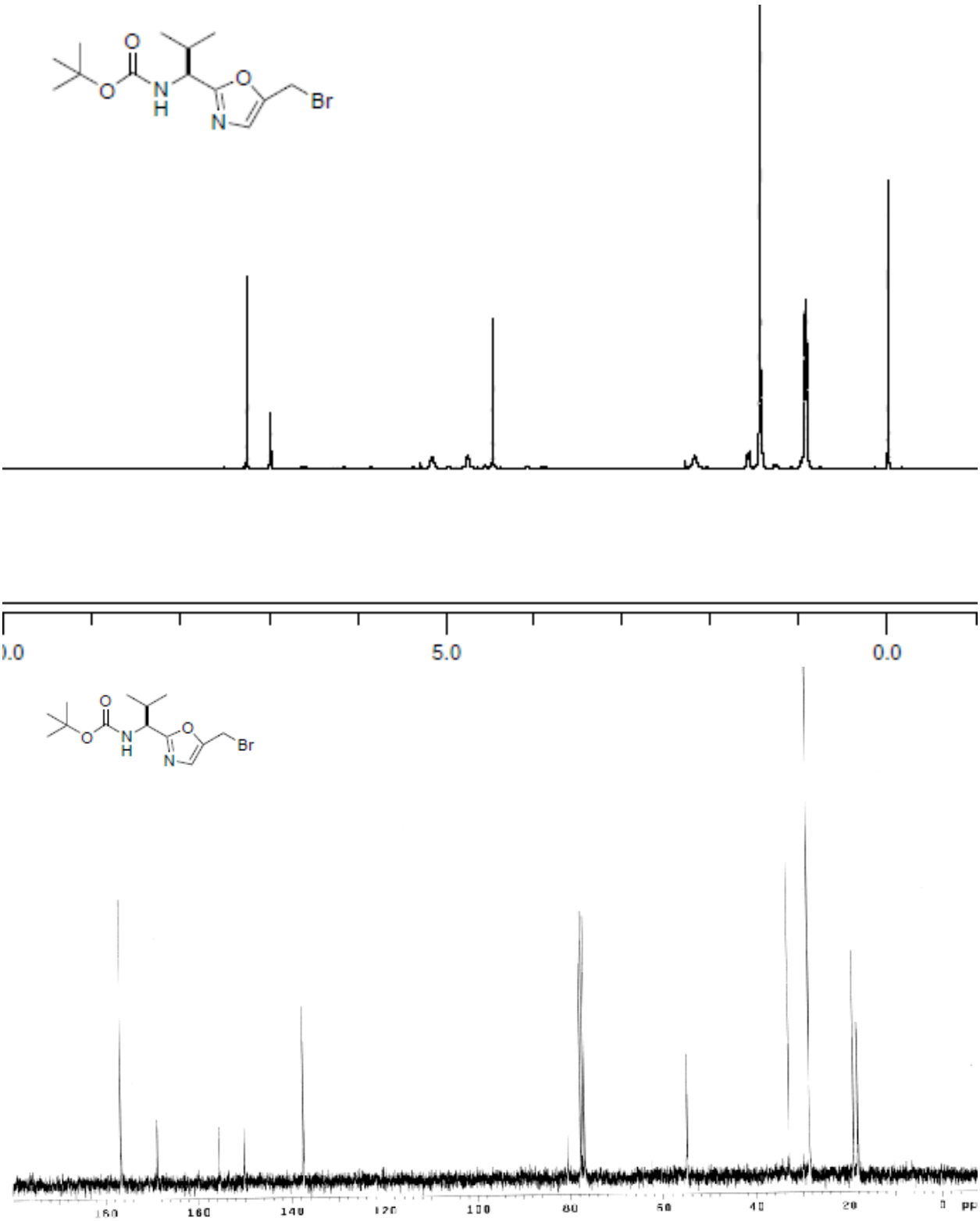

Figure S9. (top) ^{1}H (300 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7b**.

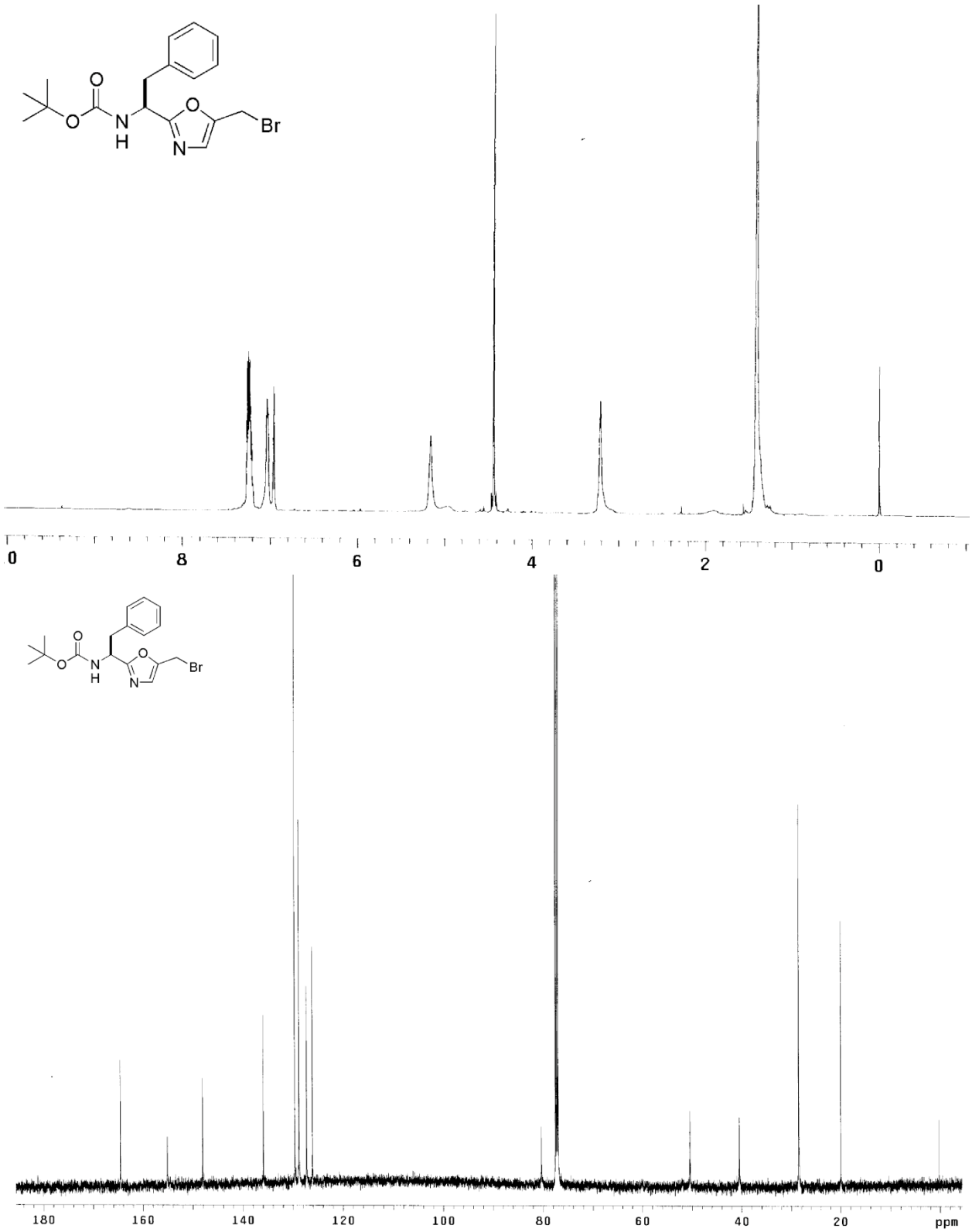

Figure S10. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **7c**.

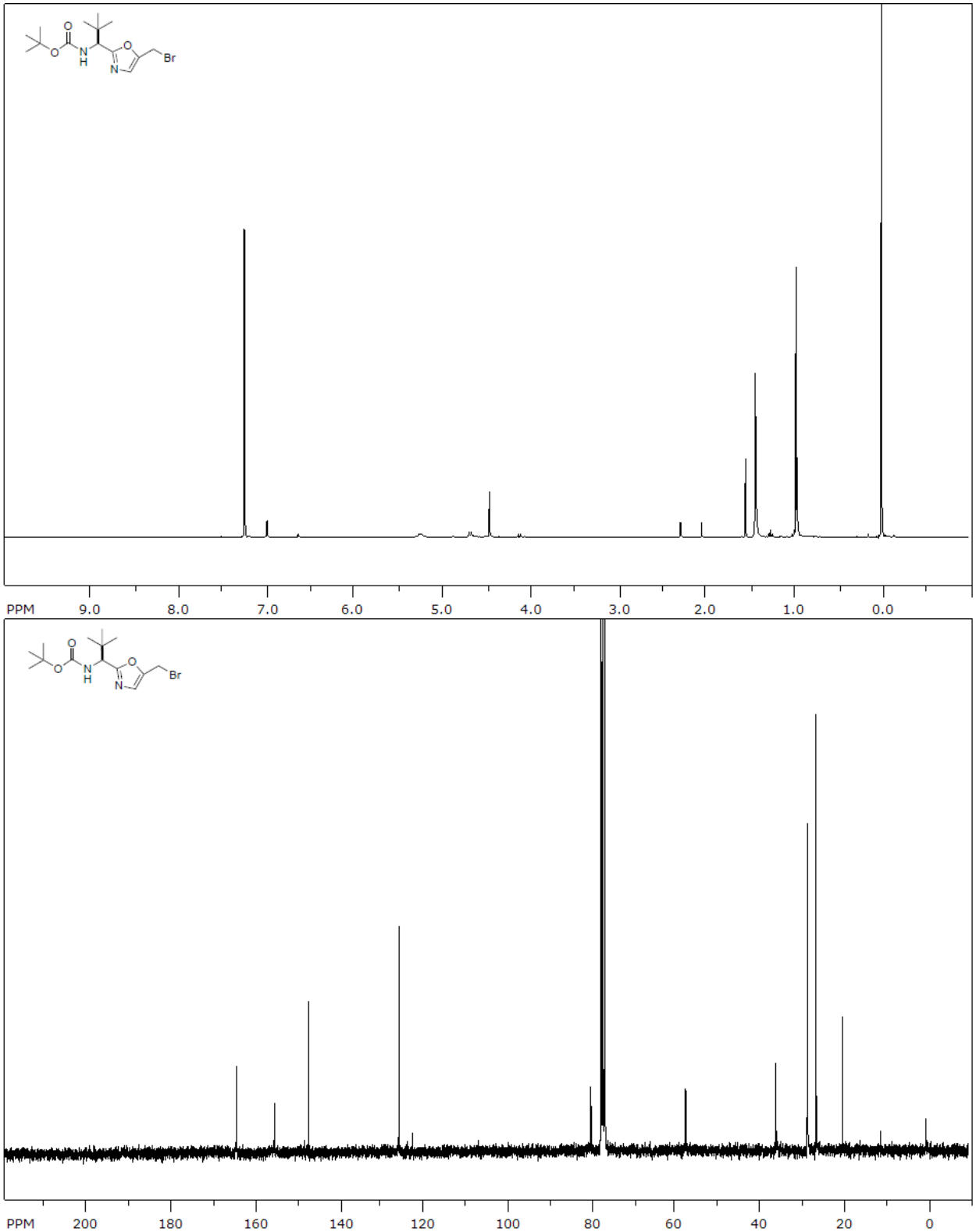

Figure S11. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7d**.

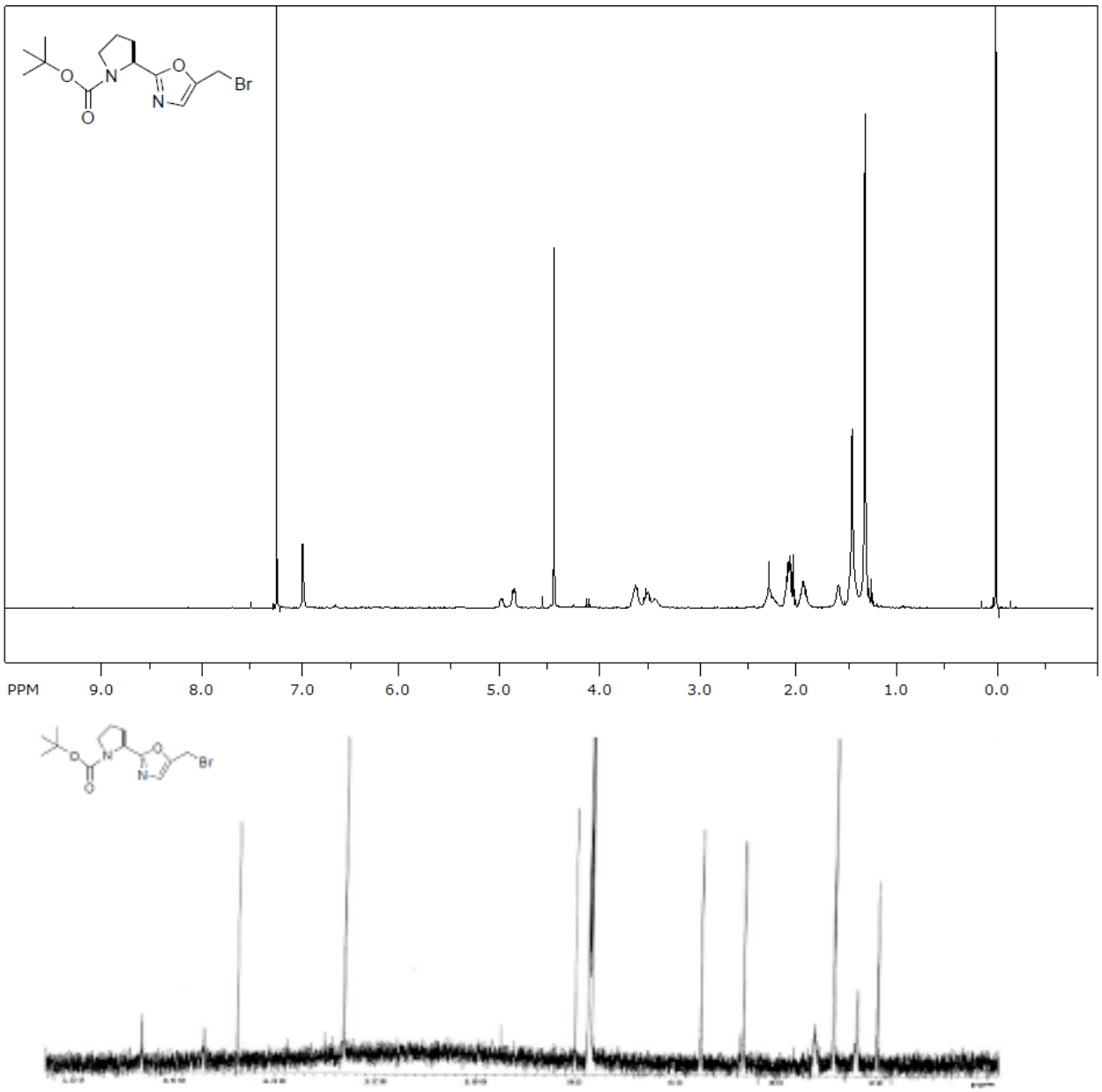

Figure S12. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **7e**.

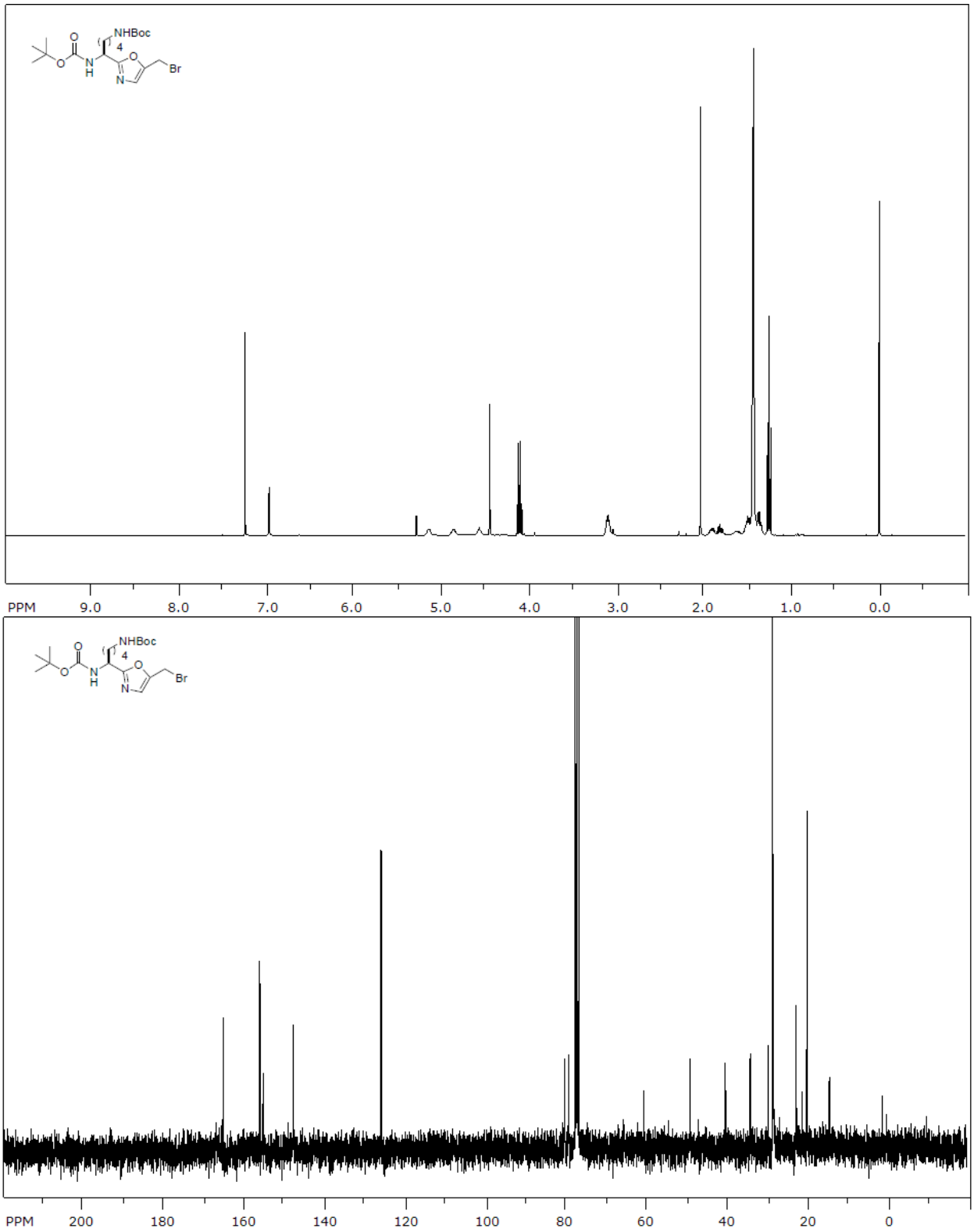

Figure S13. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7f**.

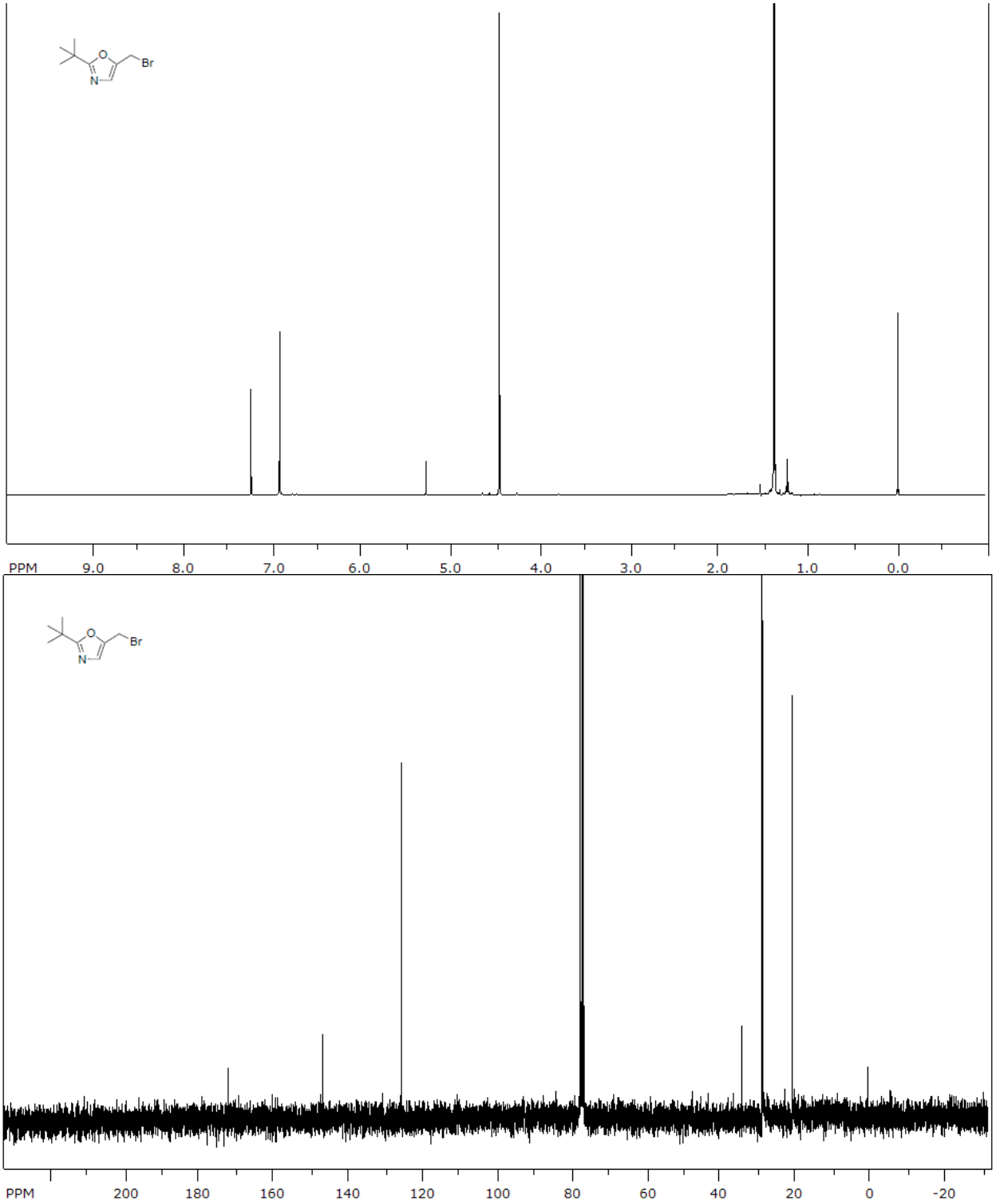

Figure S14. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7g**.

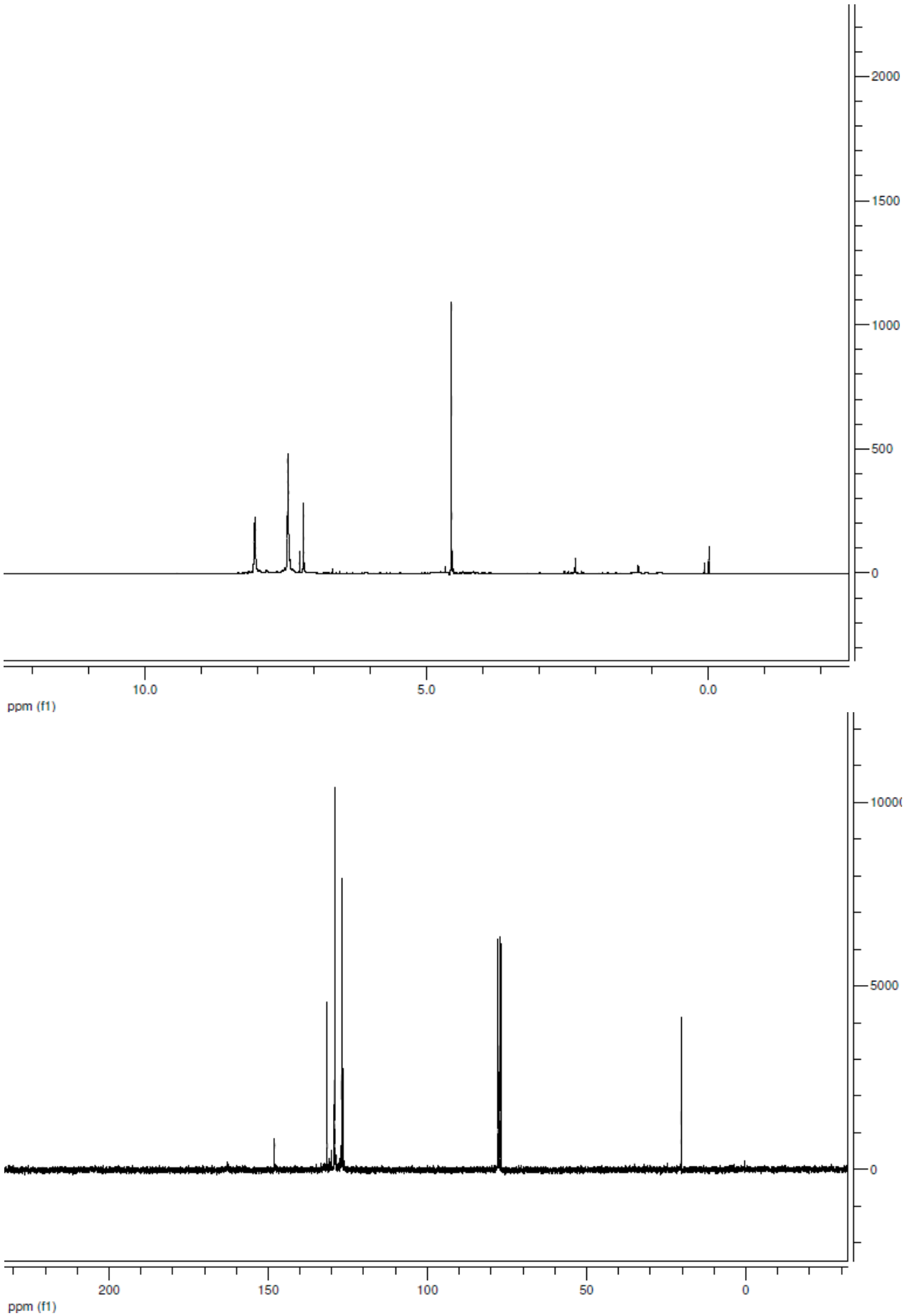

Figure S15. (top) ^{1}H (300 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7h**.

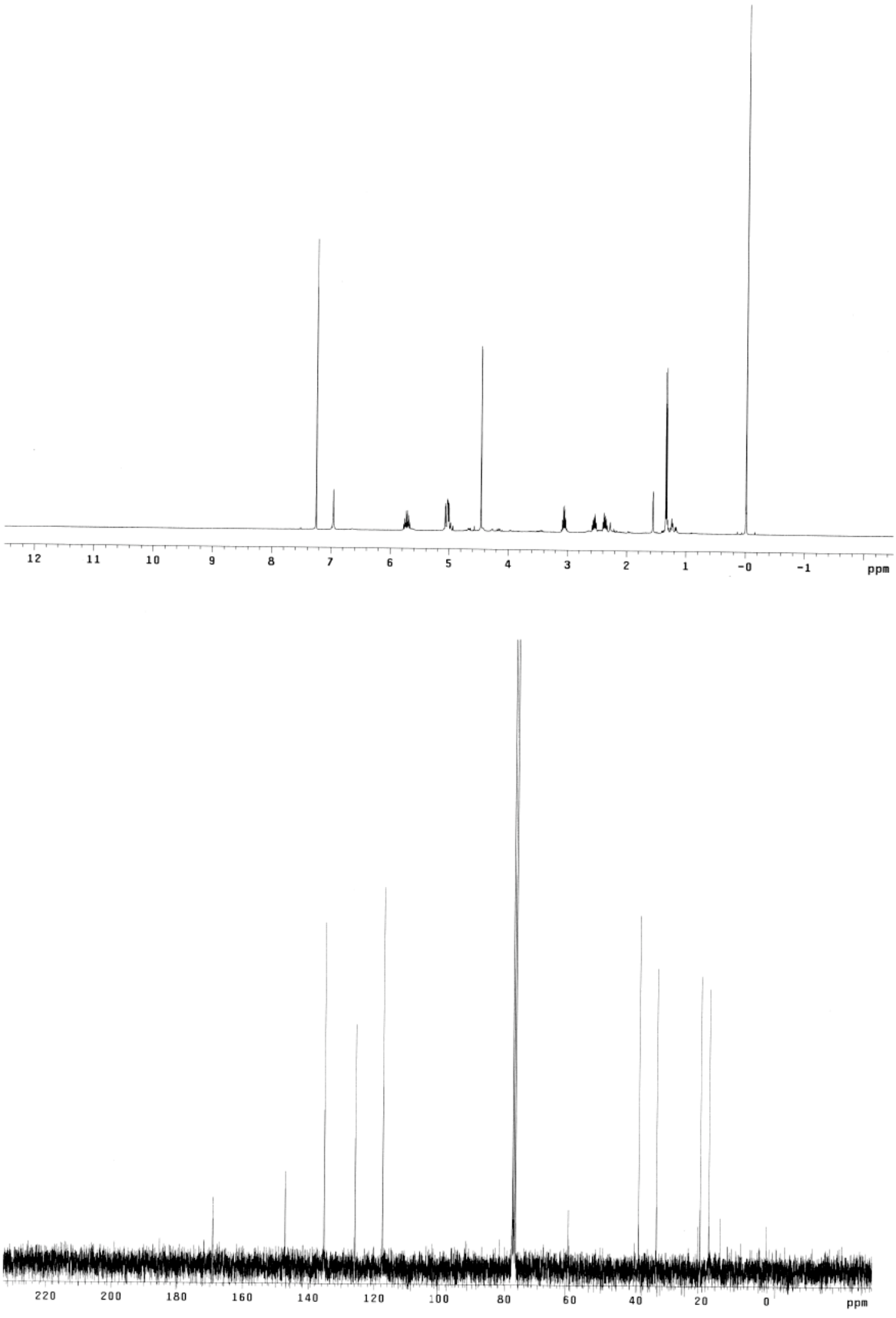

Figure S16. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **7i**.

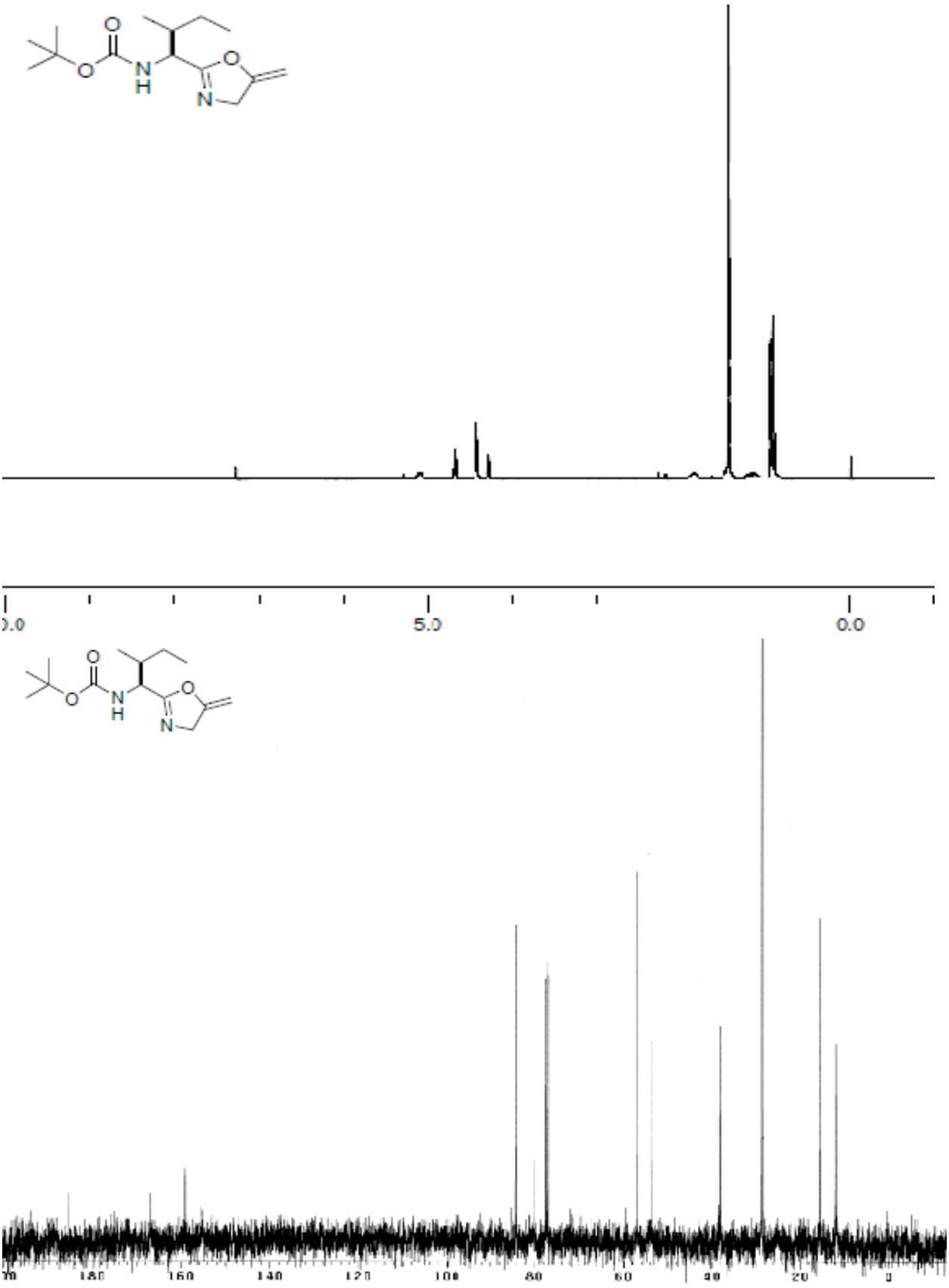

Figure S61. (top) ^{1}H (300 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (100 MHz, $CDCl_3$) spectra of **5a**.

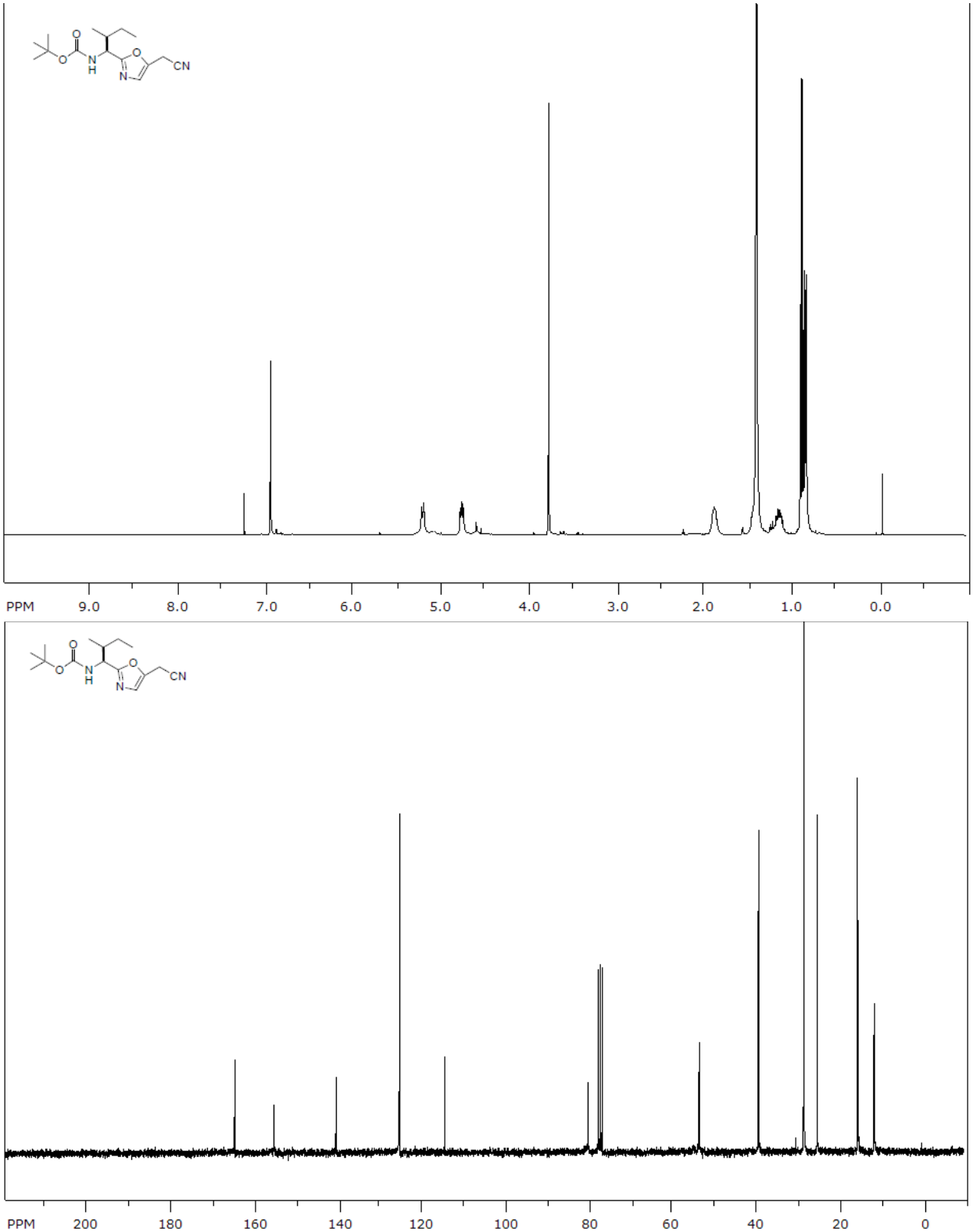

Figure S17. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **8**.

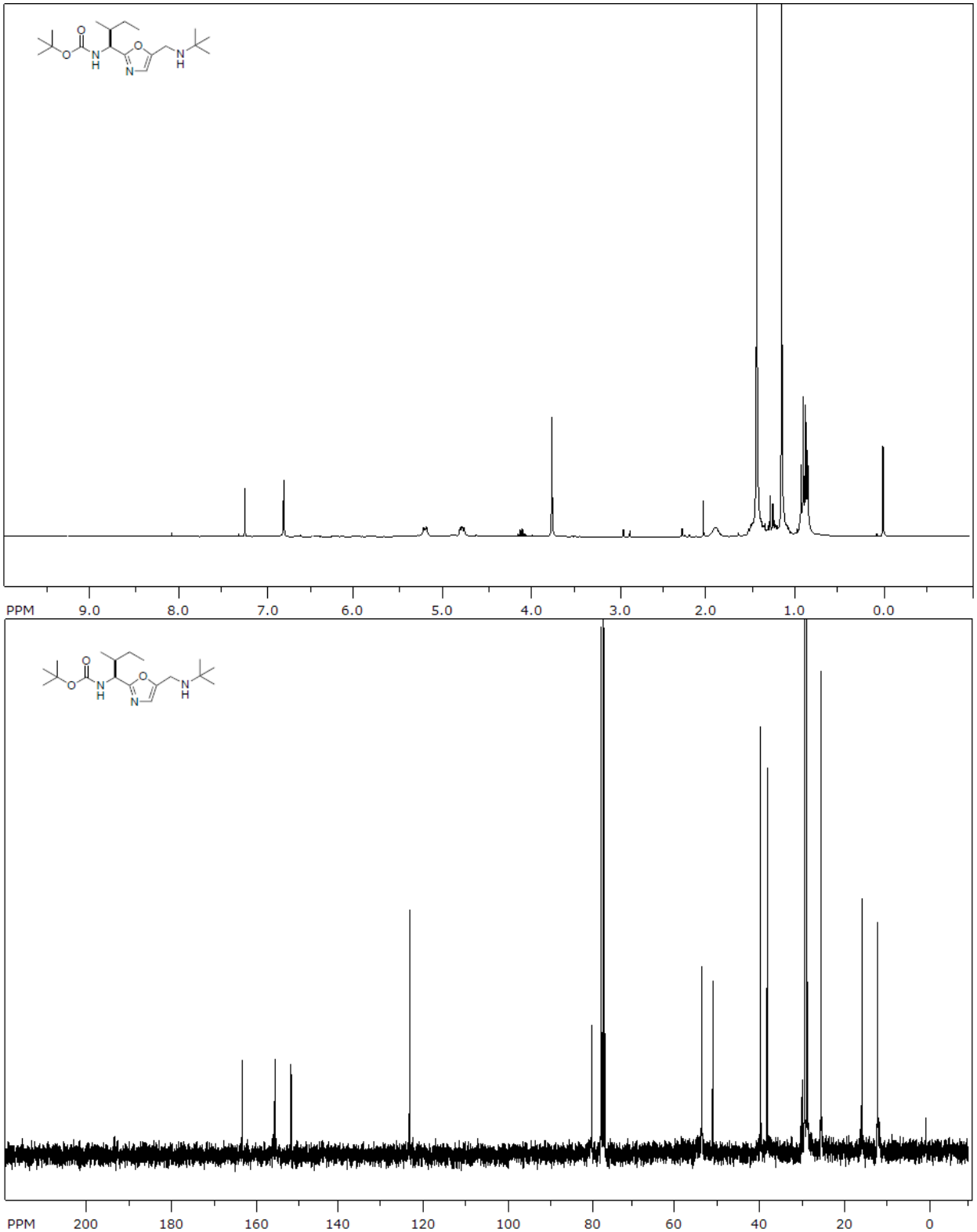

Figure S18. (top) ^{1}H (300 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **9**.

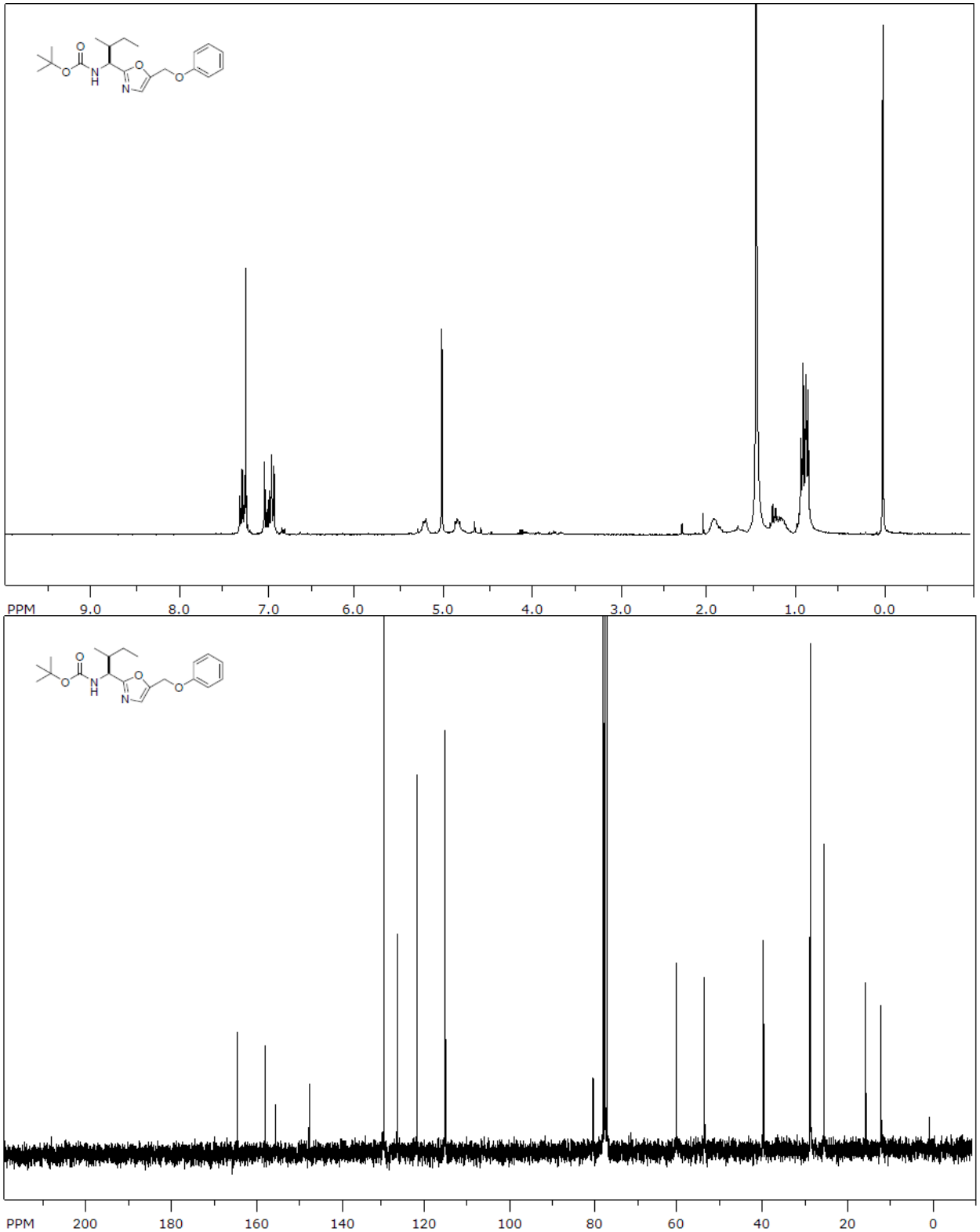

Figure S19. (top) ^{1}H (300 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **10**.

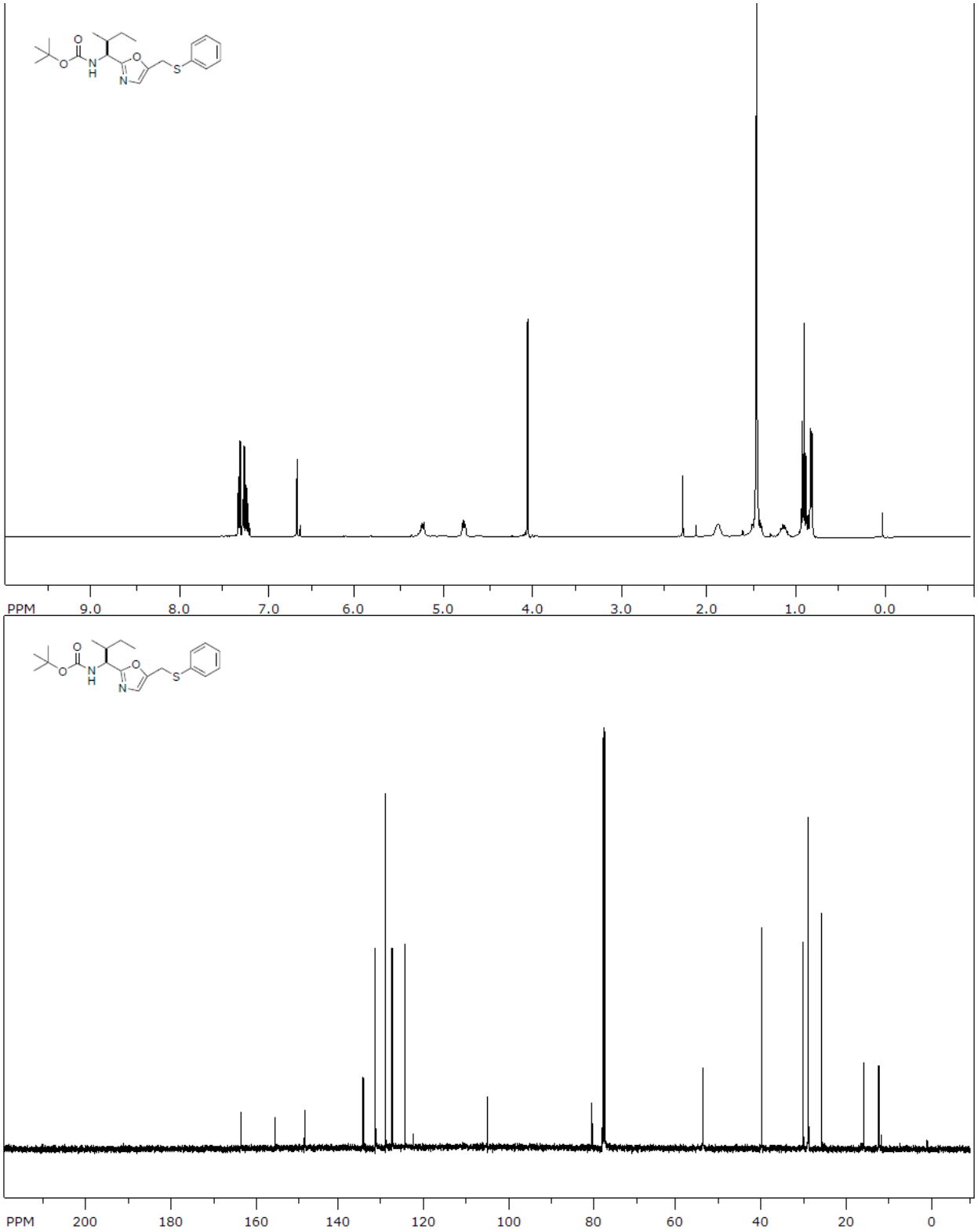

Figure S20. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **11**.

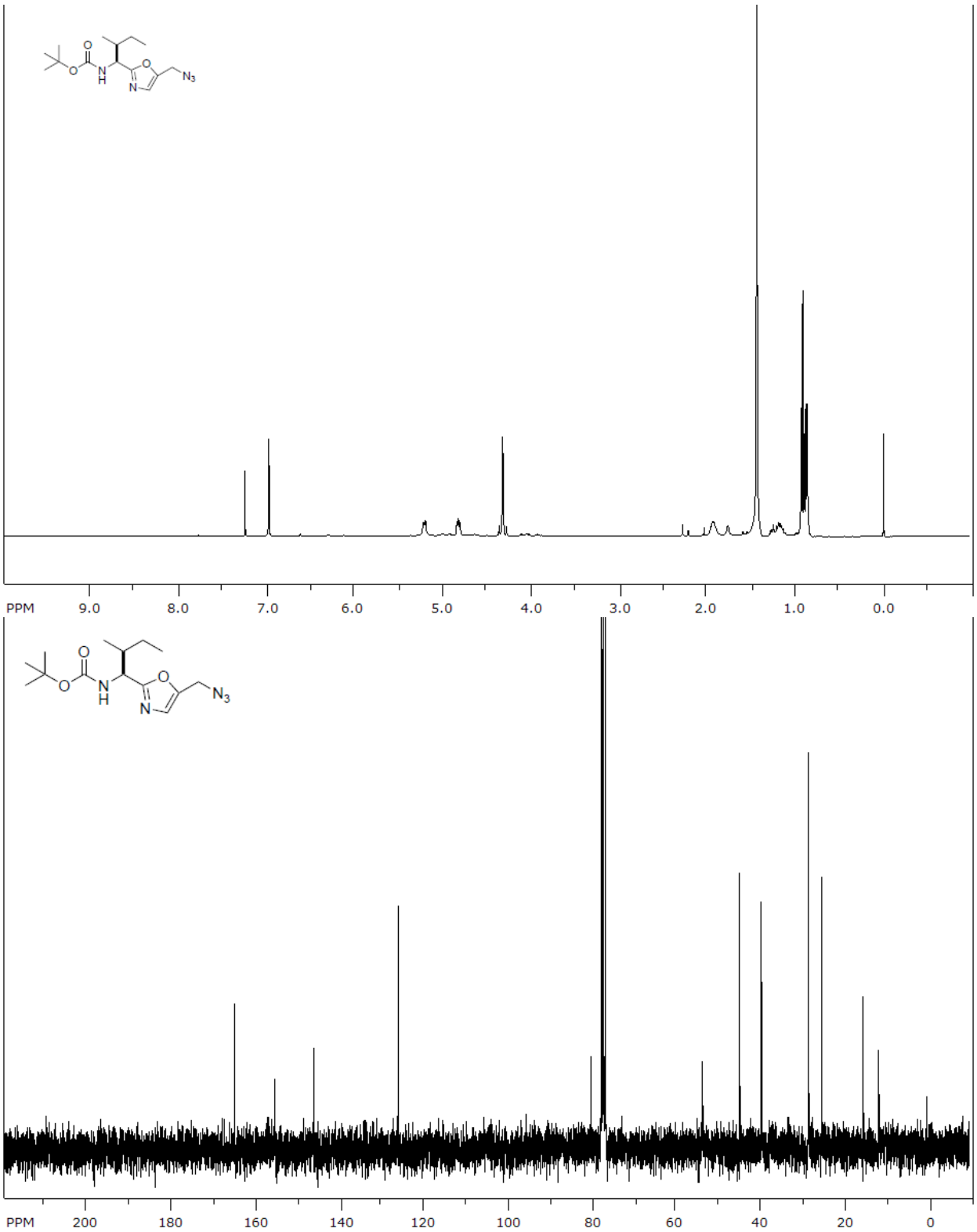

Figure S21. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **12a**.

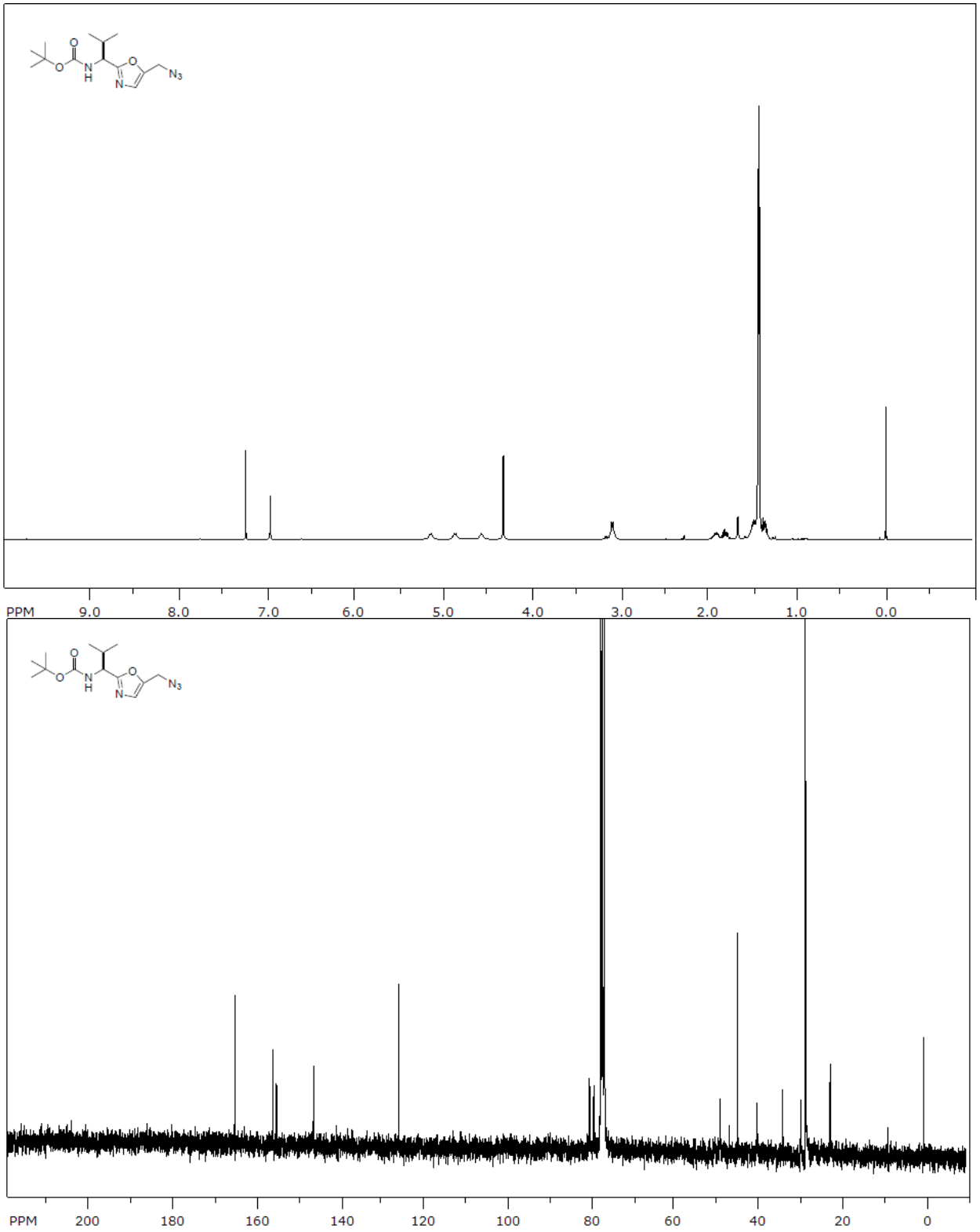

Figure S22. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **12b**.

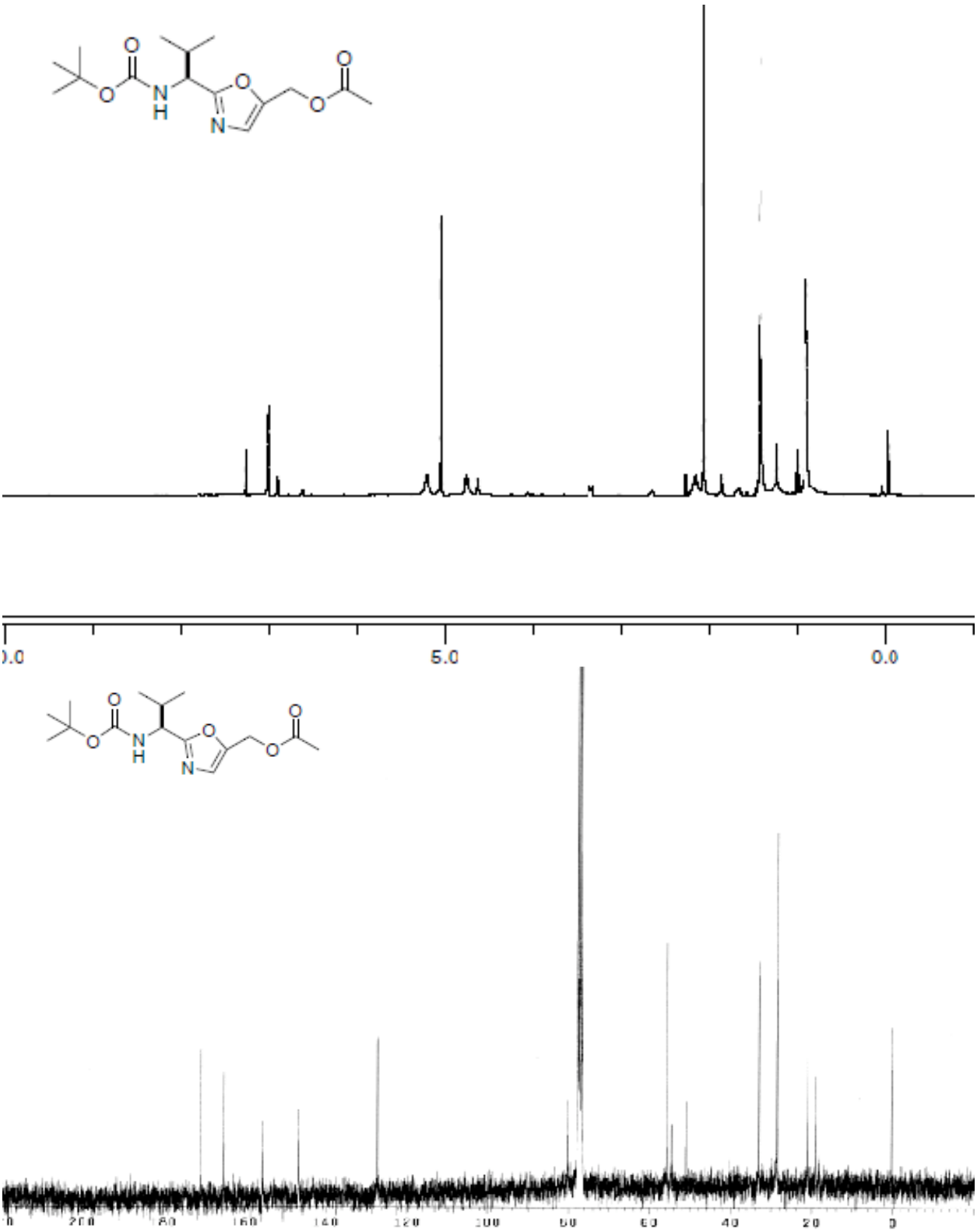

Figure S23. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **13**.

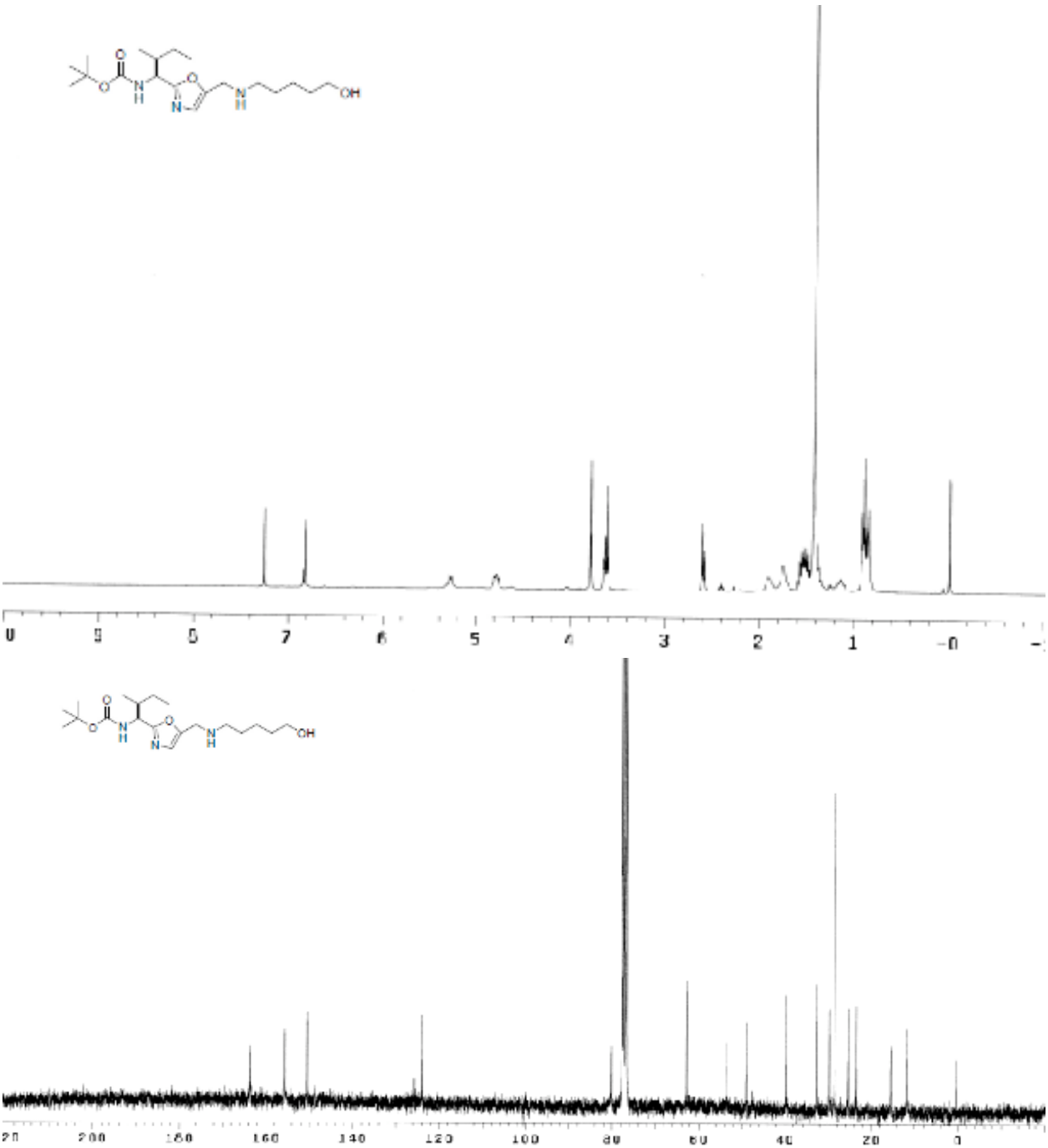

Figure S24. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **14**.

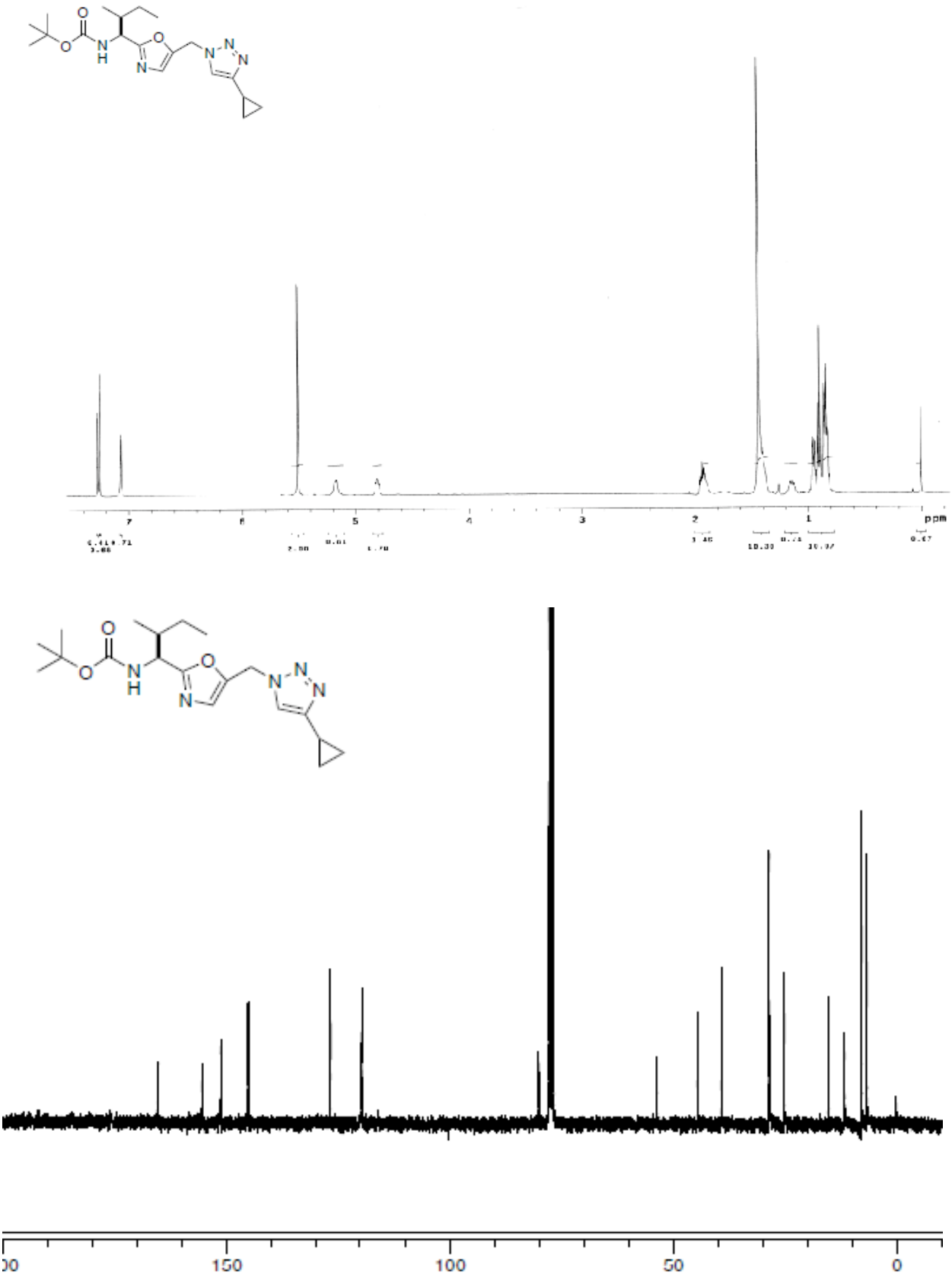

Figure S25. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **16a**.

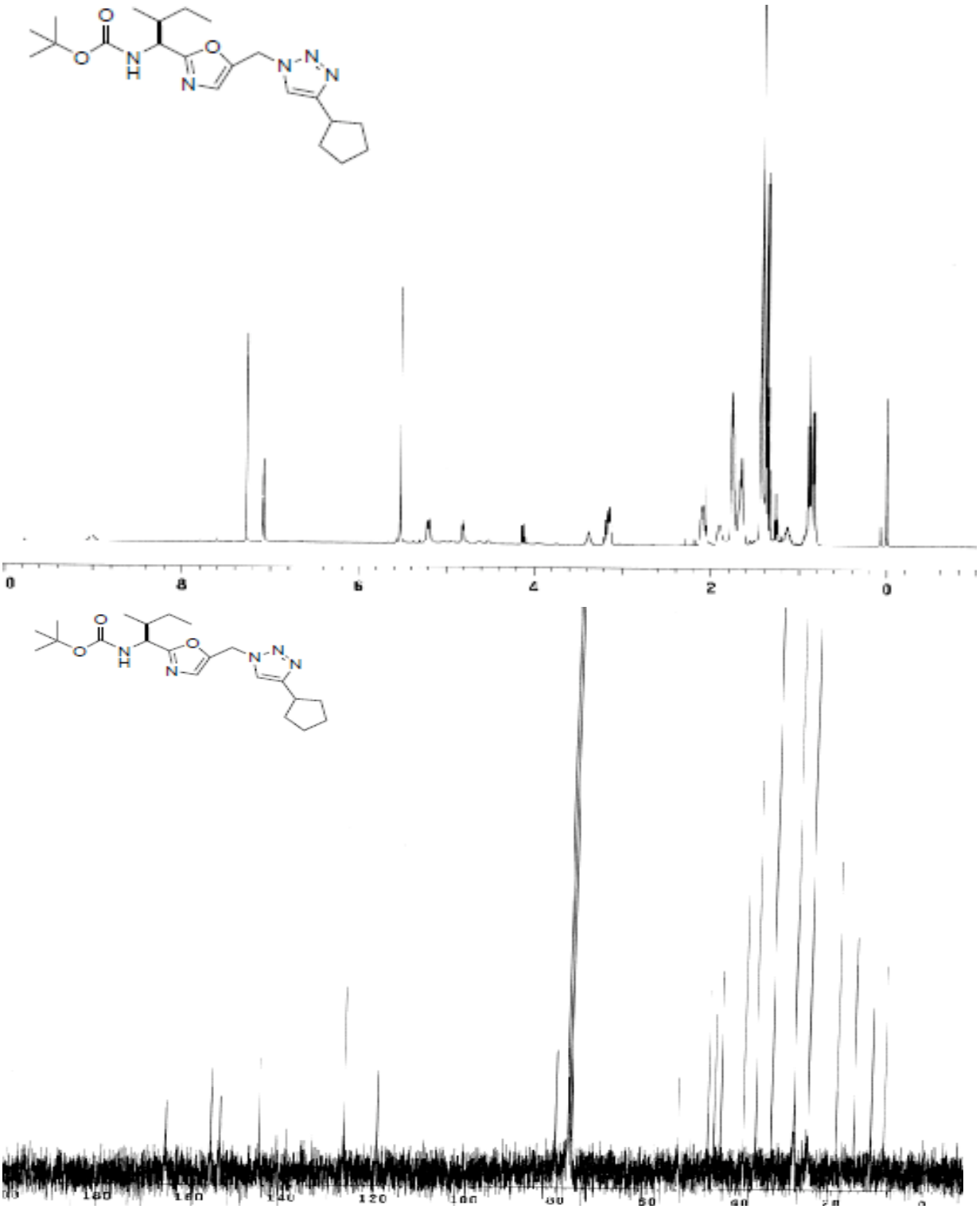

Figure S26. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **16b**.

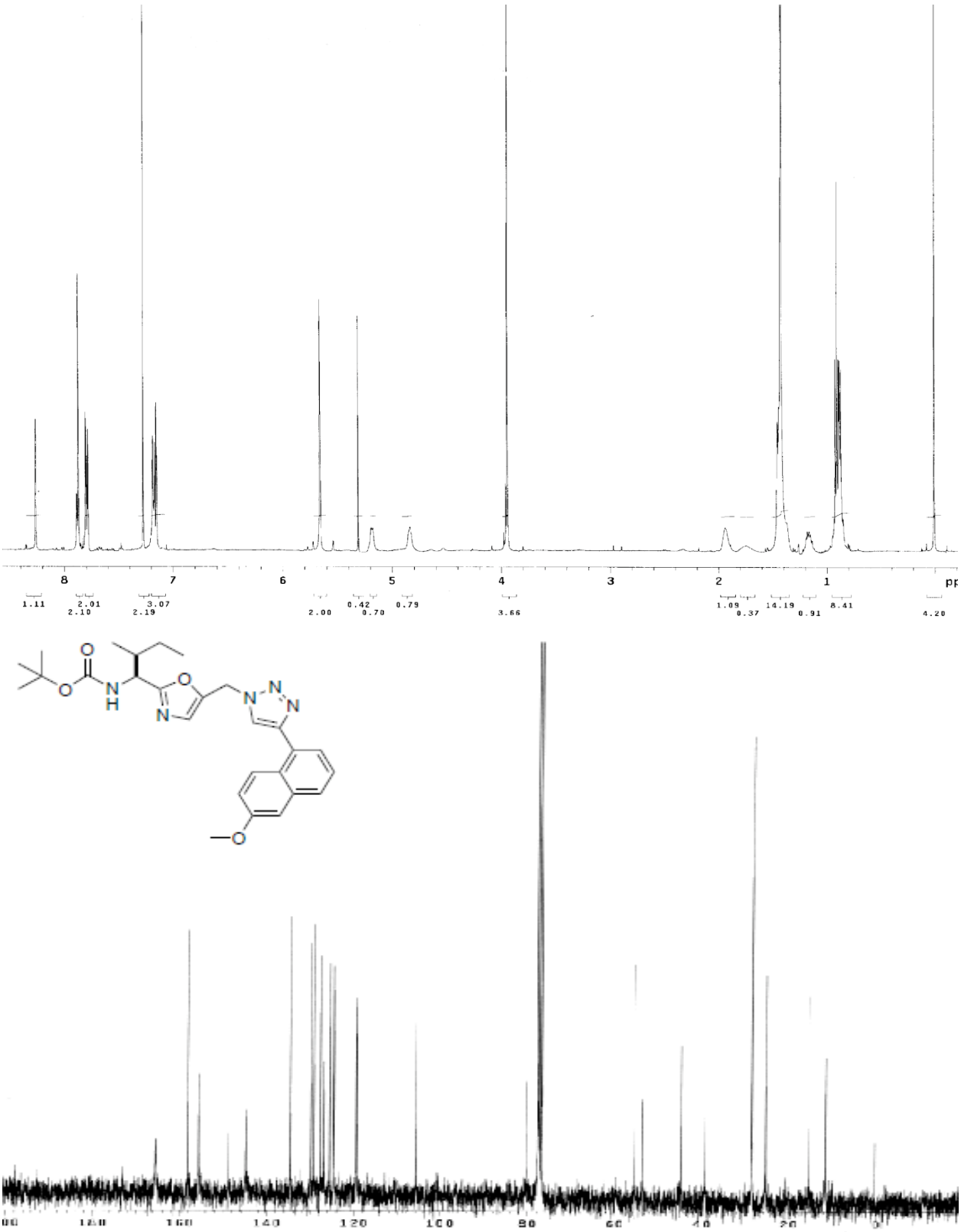

Figure S27. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **16c**.

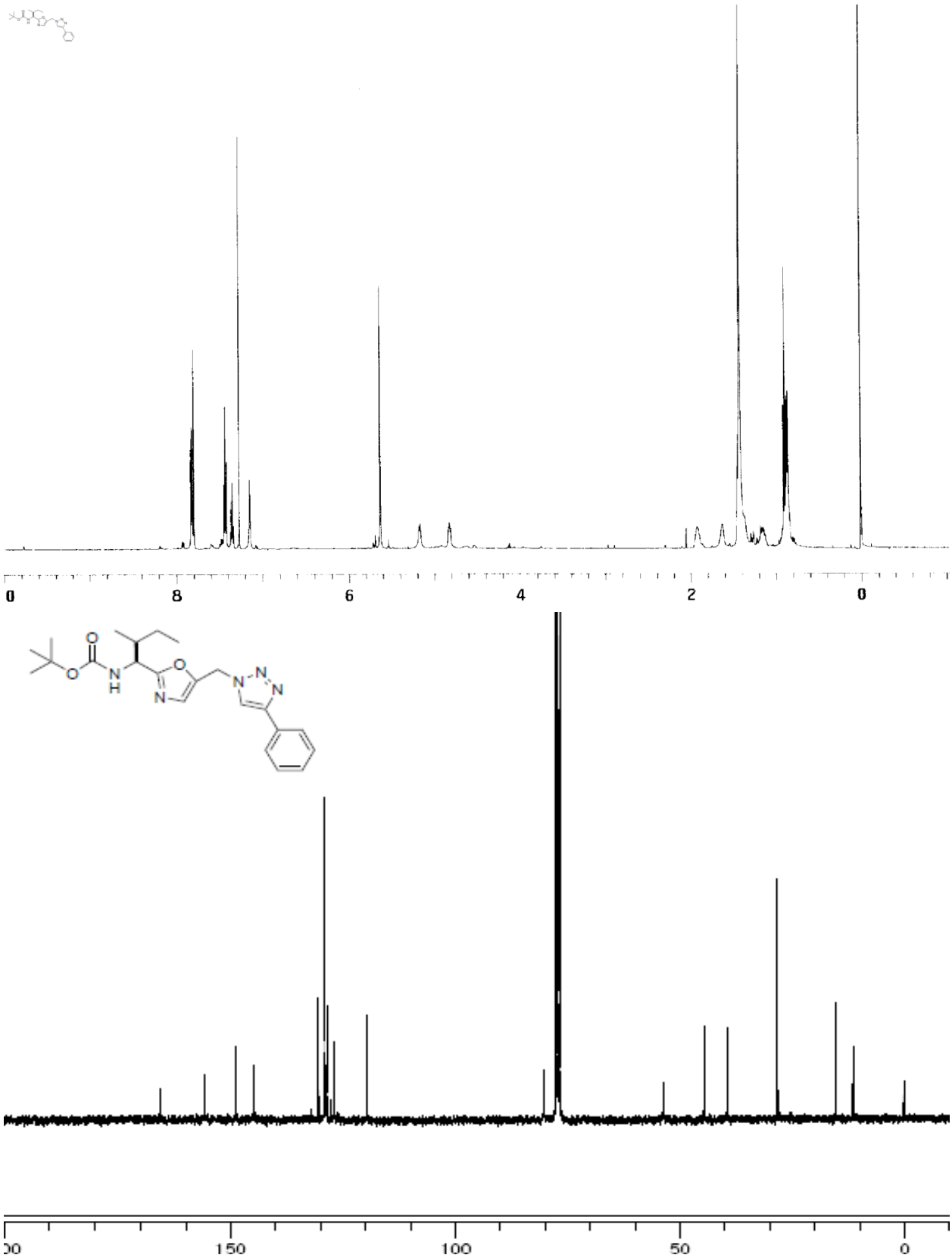

Figure S28. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **16d**.

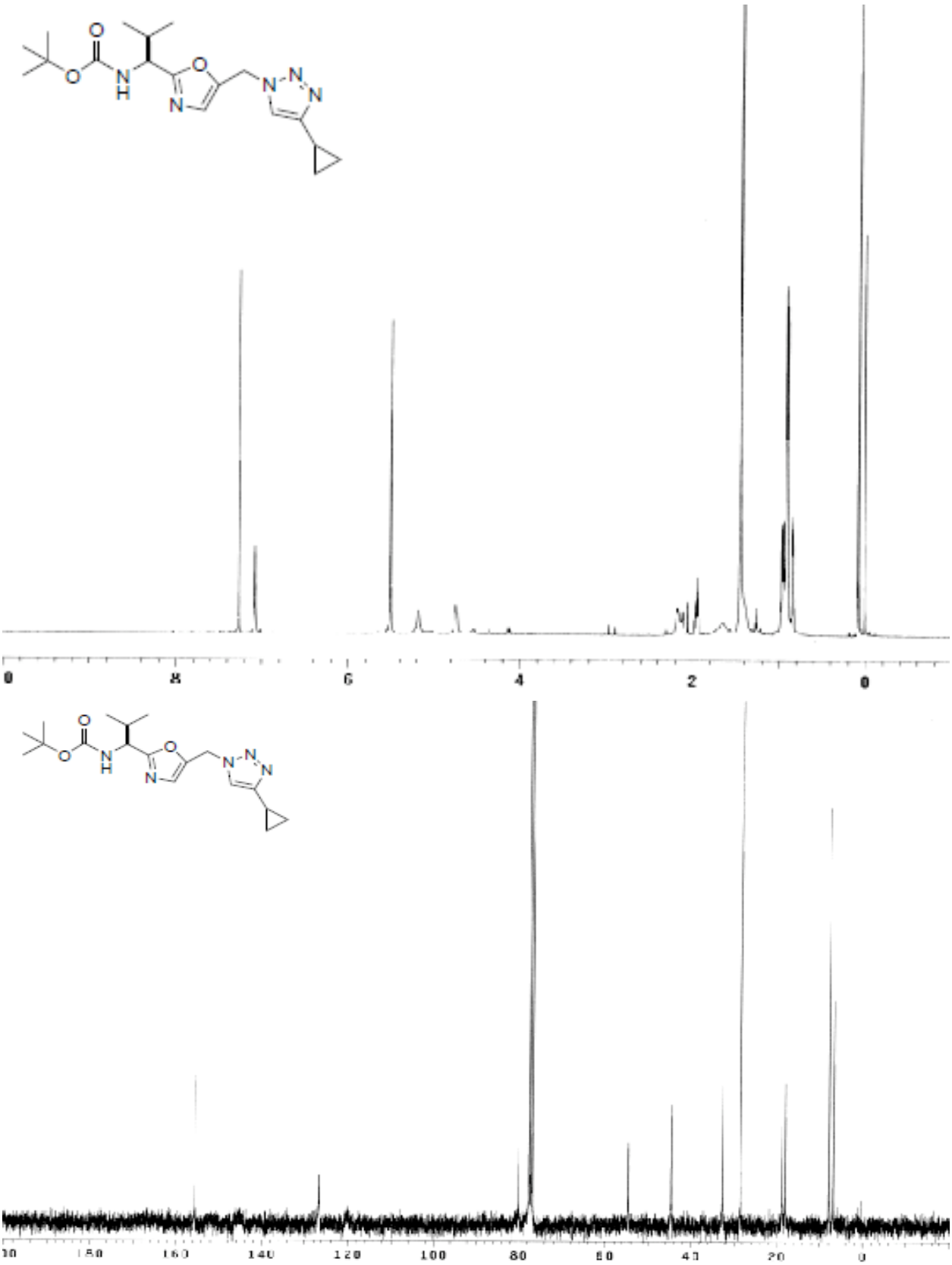

Figure S29. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **17a**.

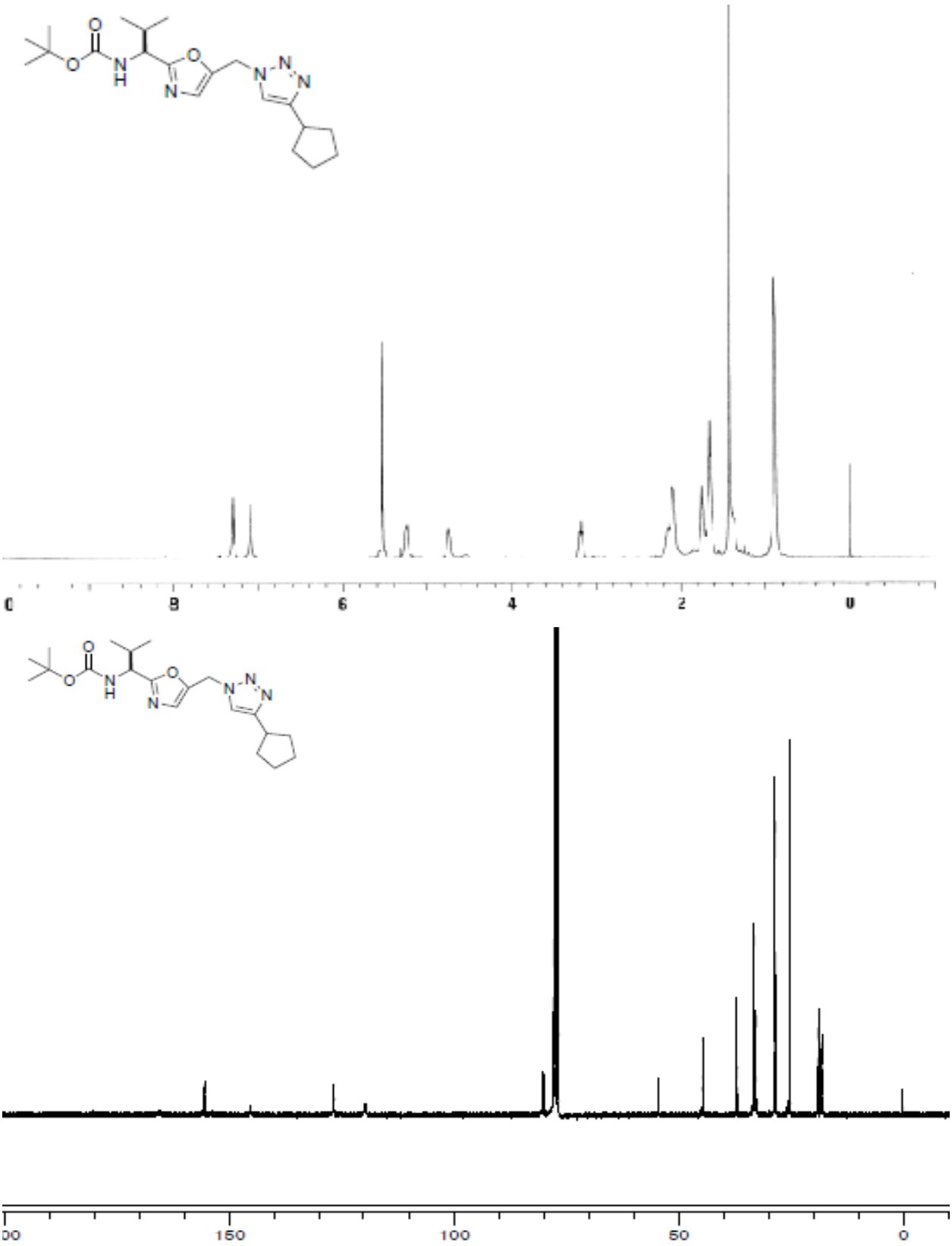

Figure S30. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **17b**.

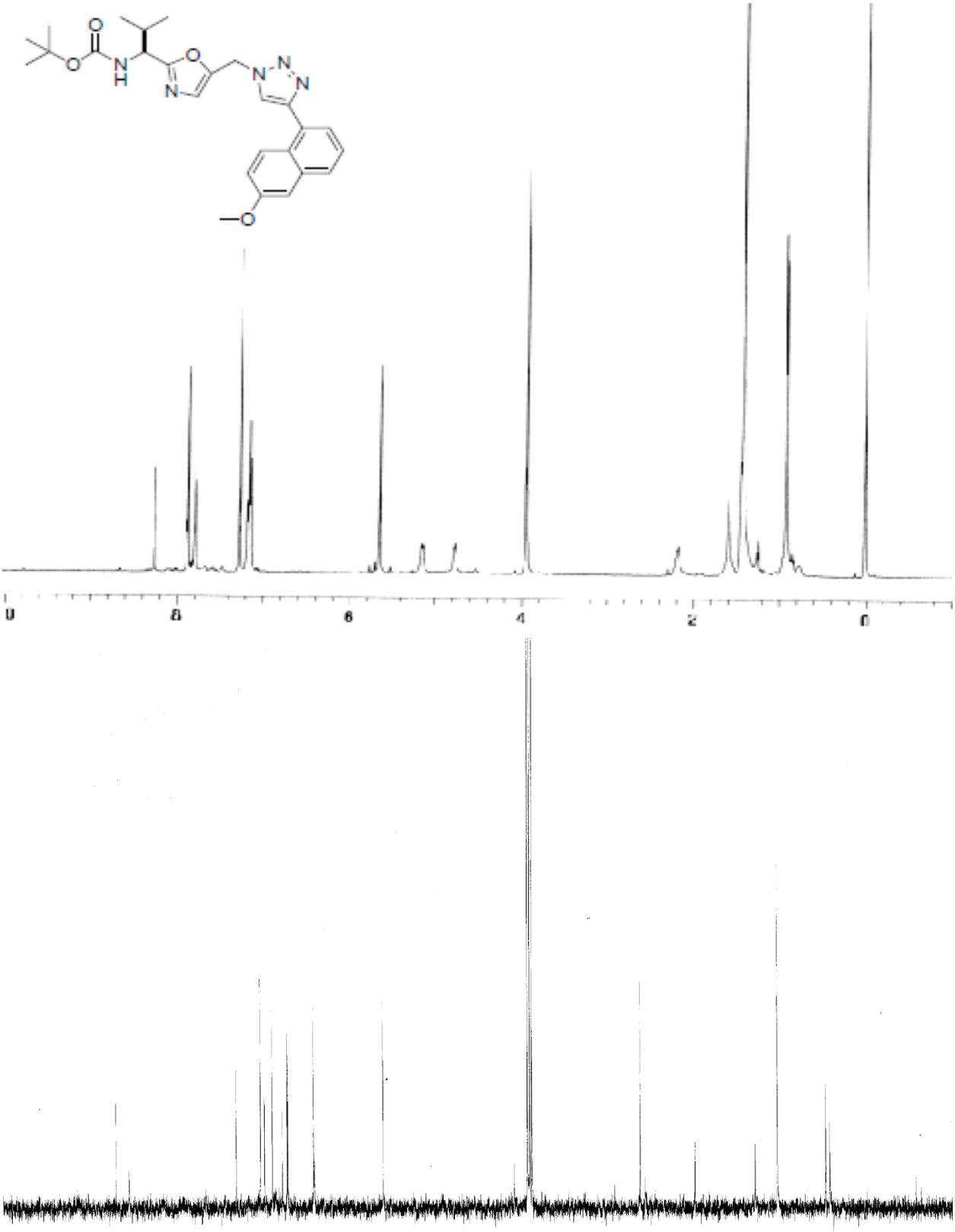

Figure S31. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **17c**.

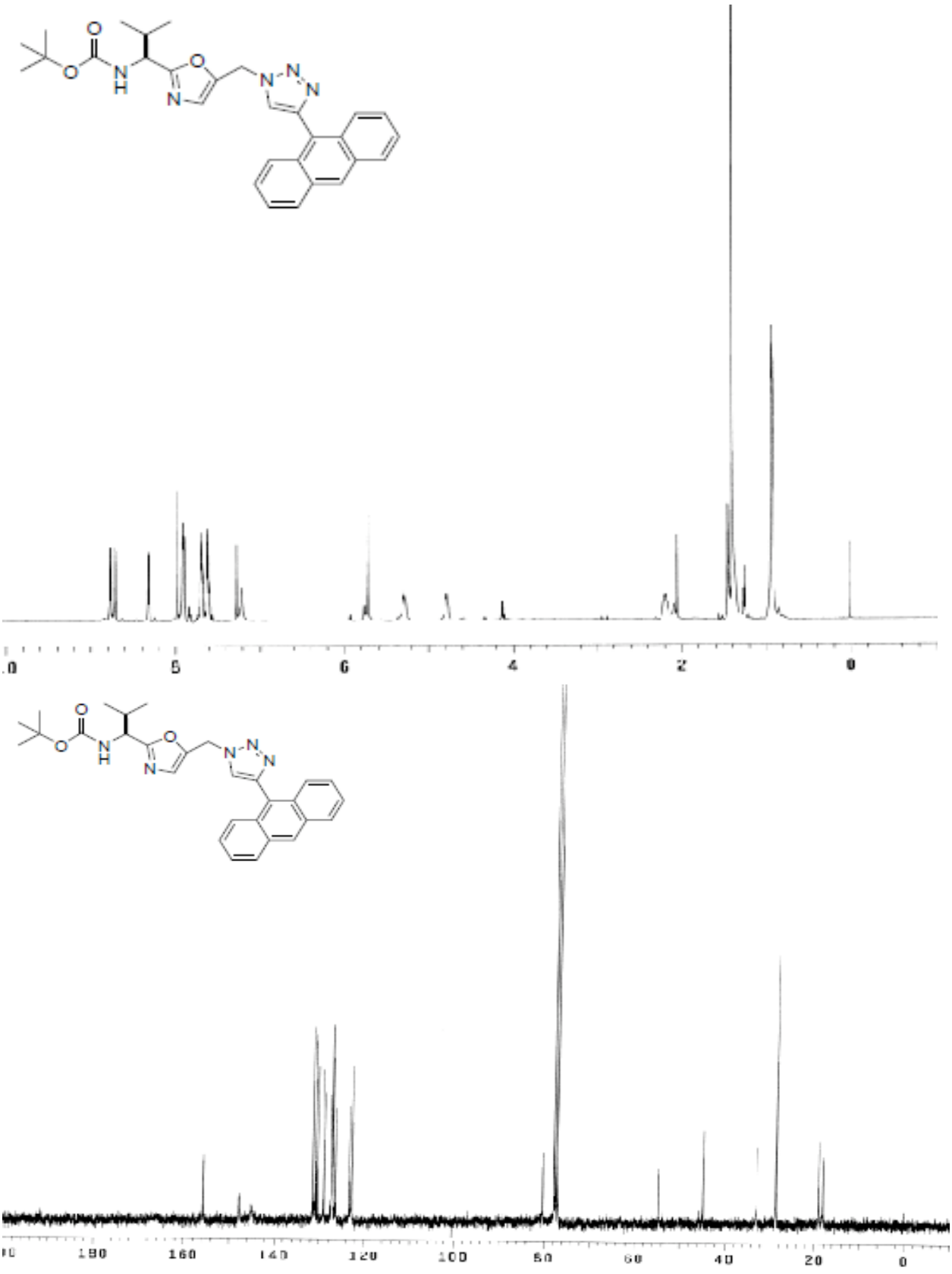

Figure S32. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **17d**.

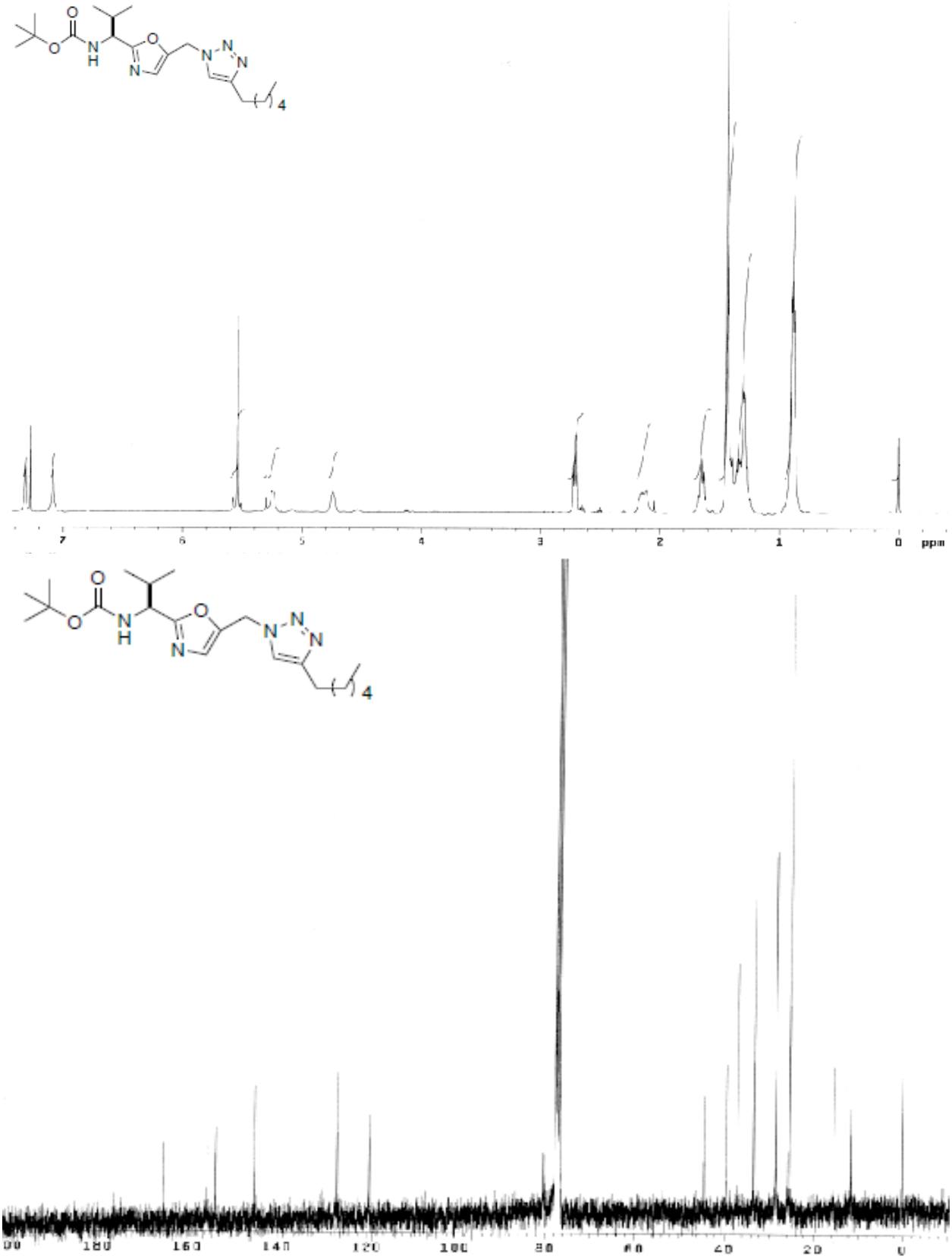

Figure S33. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **17e**.

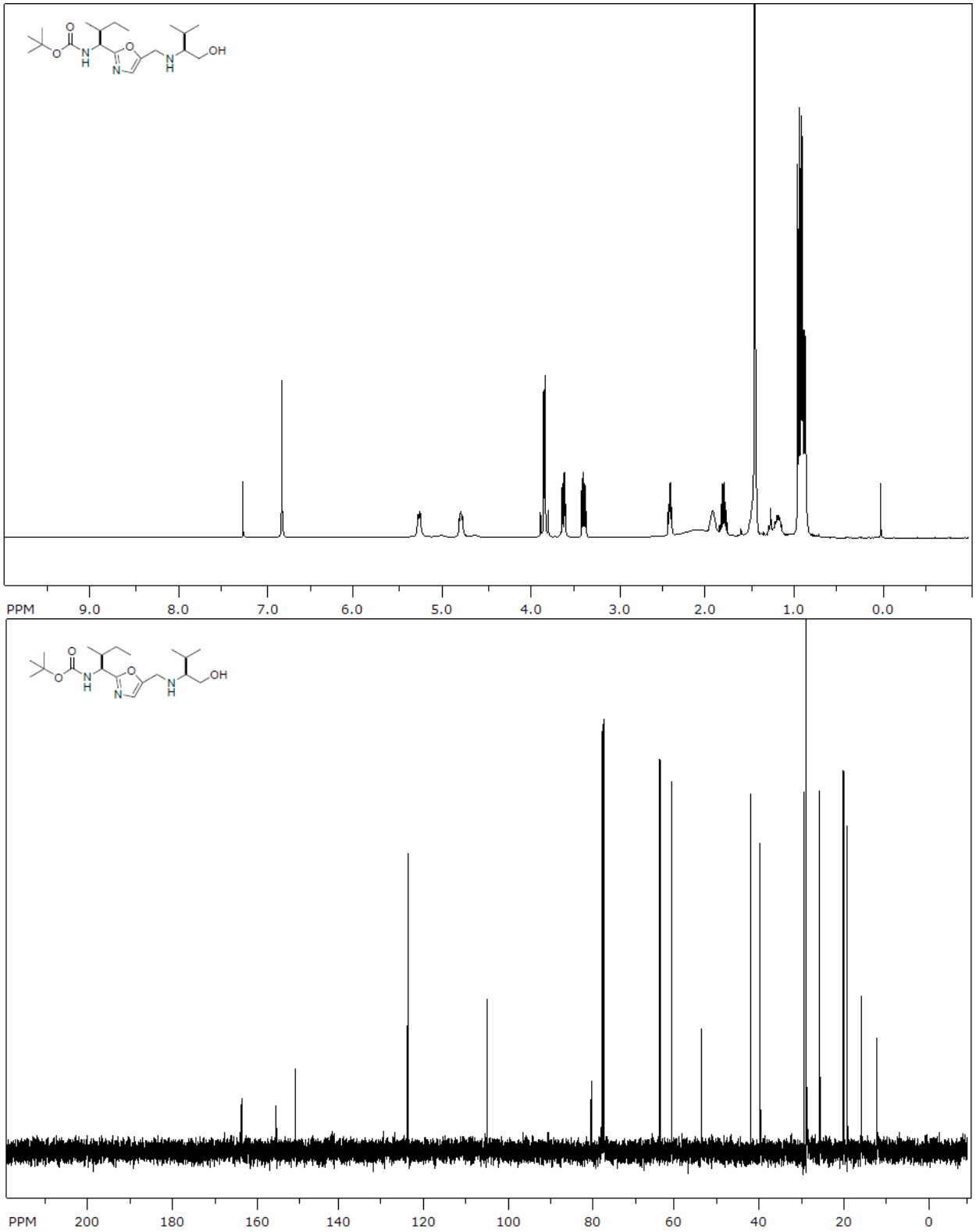

Figure S34. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (100 MHz, $CDCl_3$) spectra of **15**.

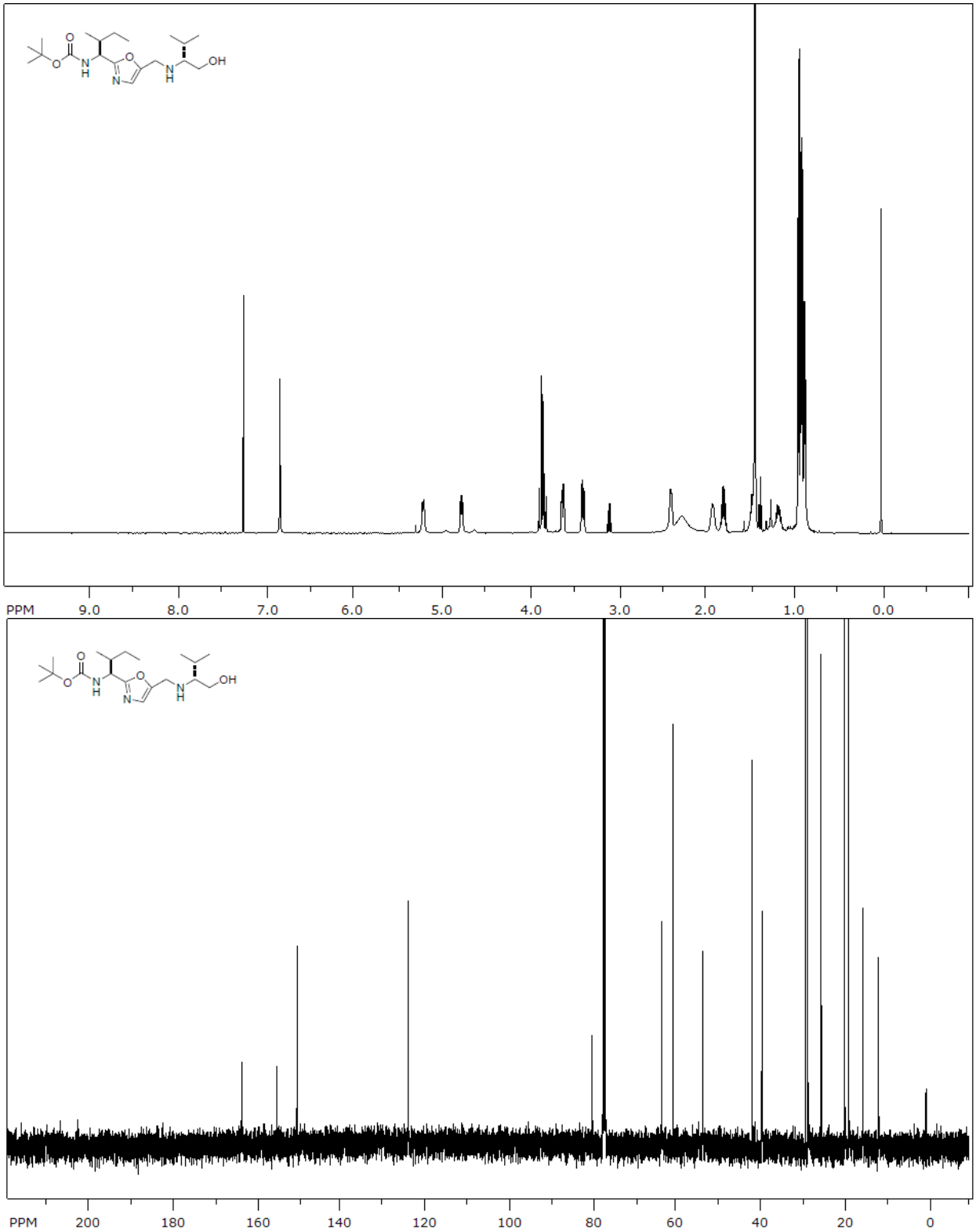

Figure S35. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **18**.

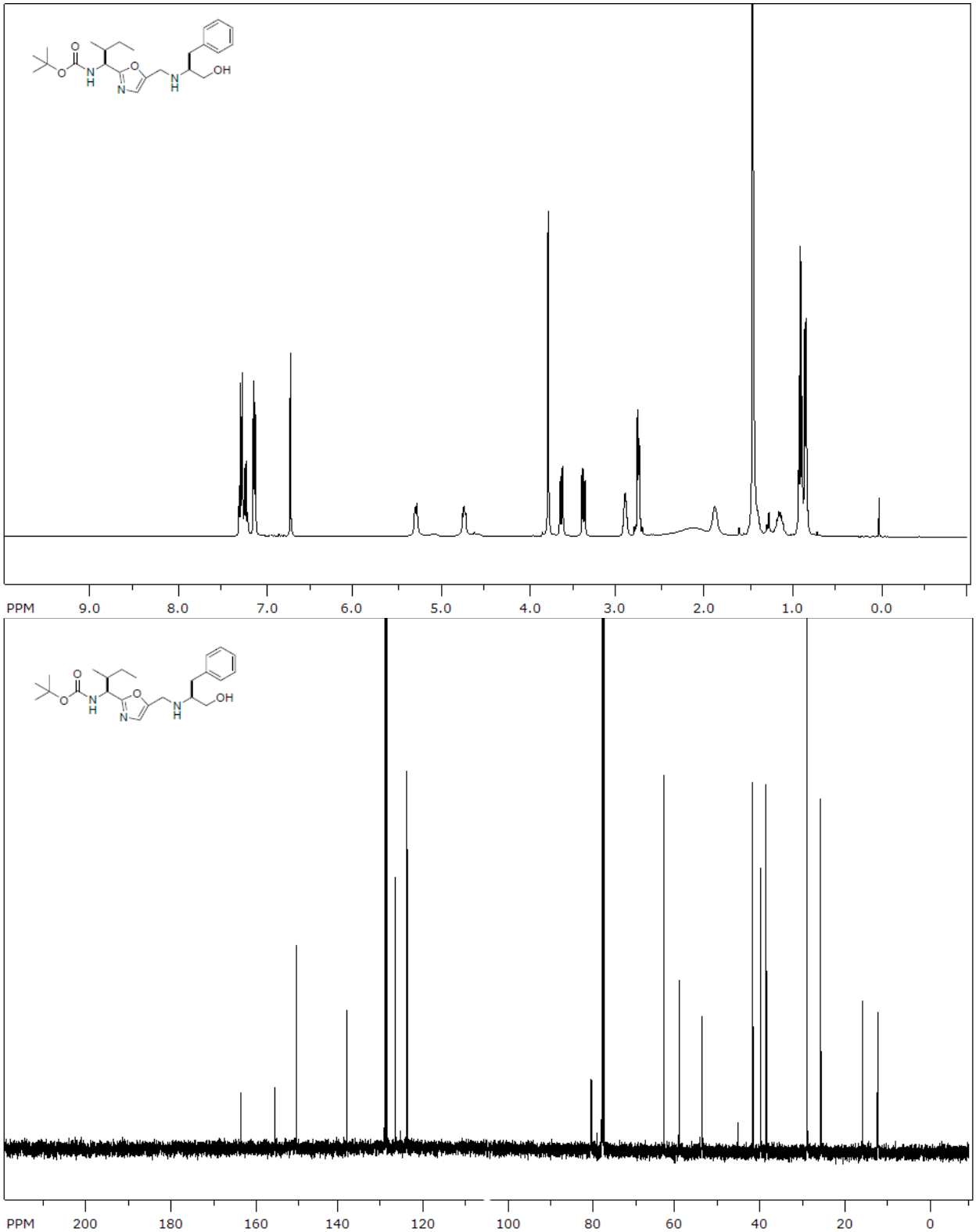

Figure S36. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (100 MHz, $CDCl_3$) spectra of **28**.

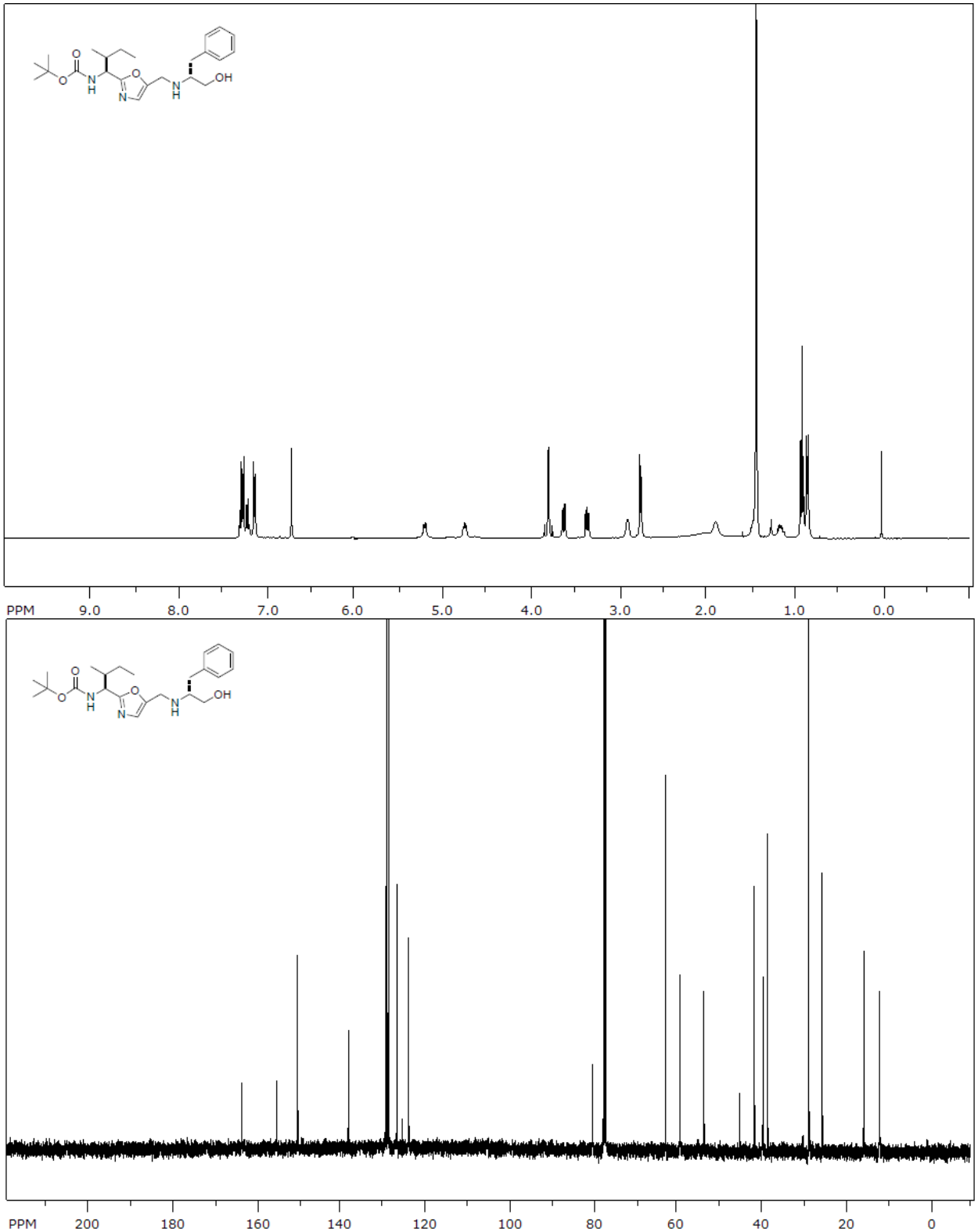

Figure S37. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (100 MHz, $CDCl_3$) spectra of **19**.

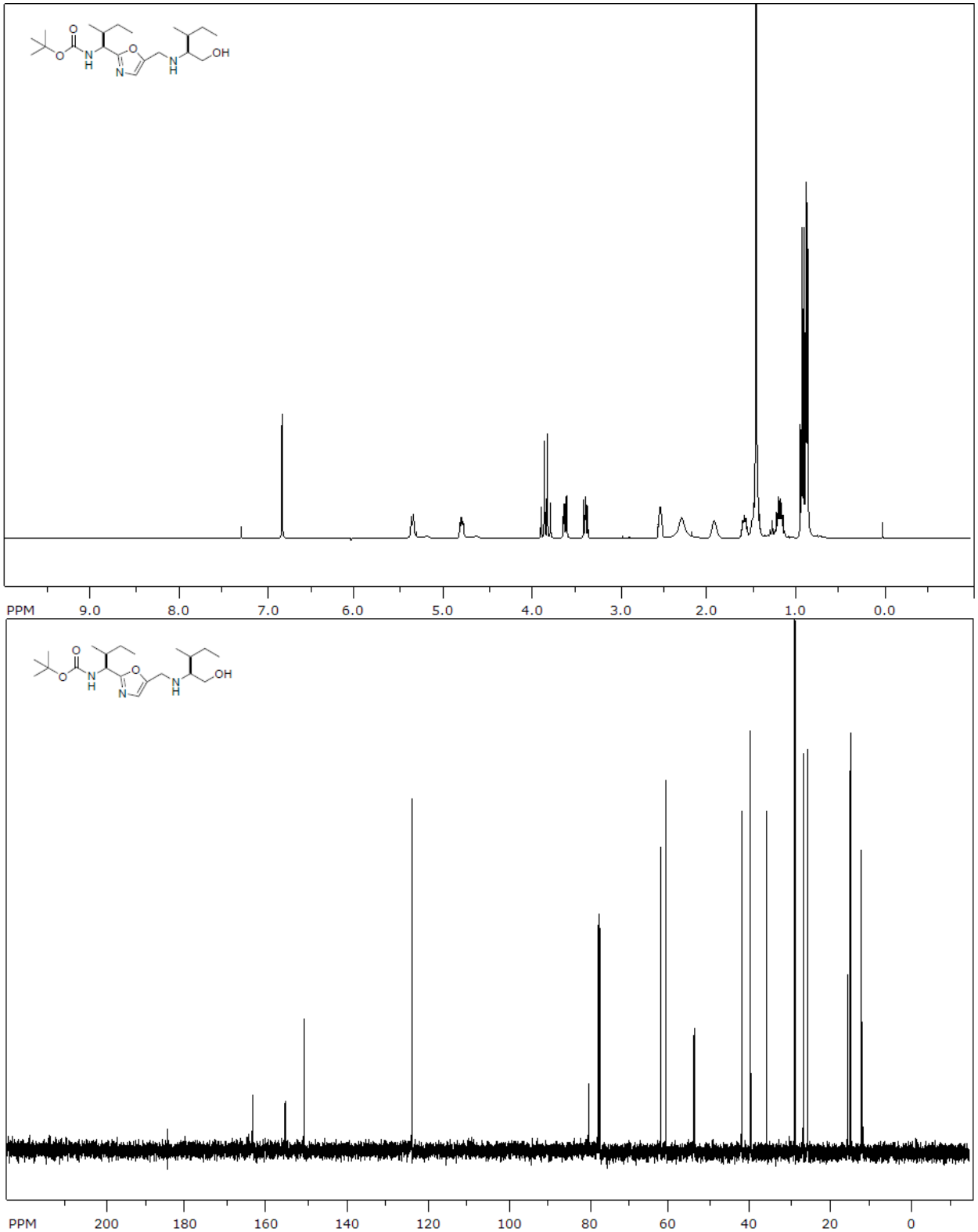

Figure S38. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (100 MHz, $CDCl_3$) spectra of **29**.

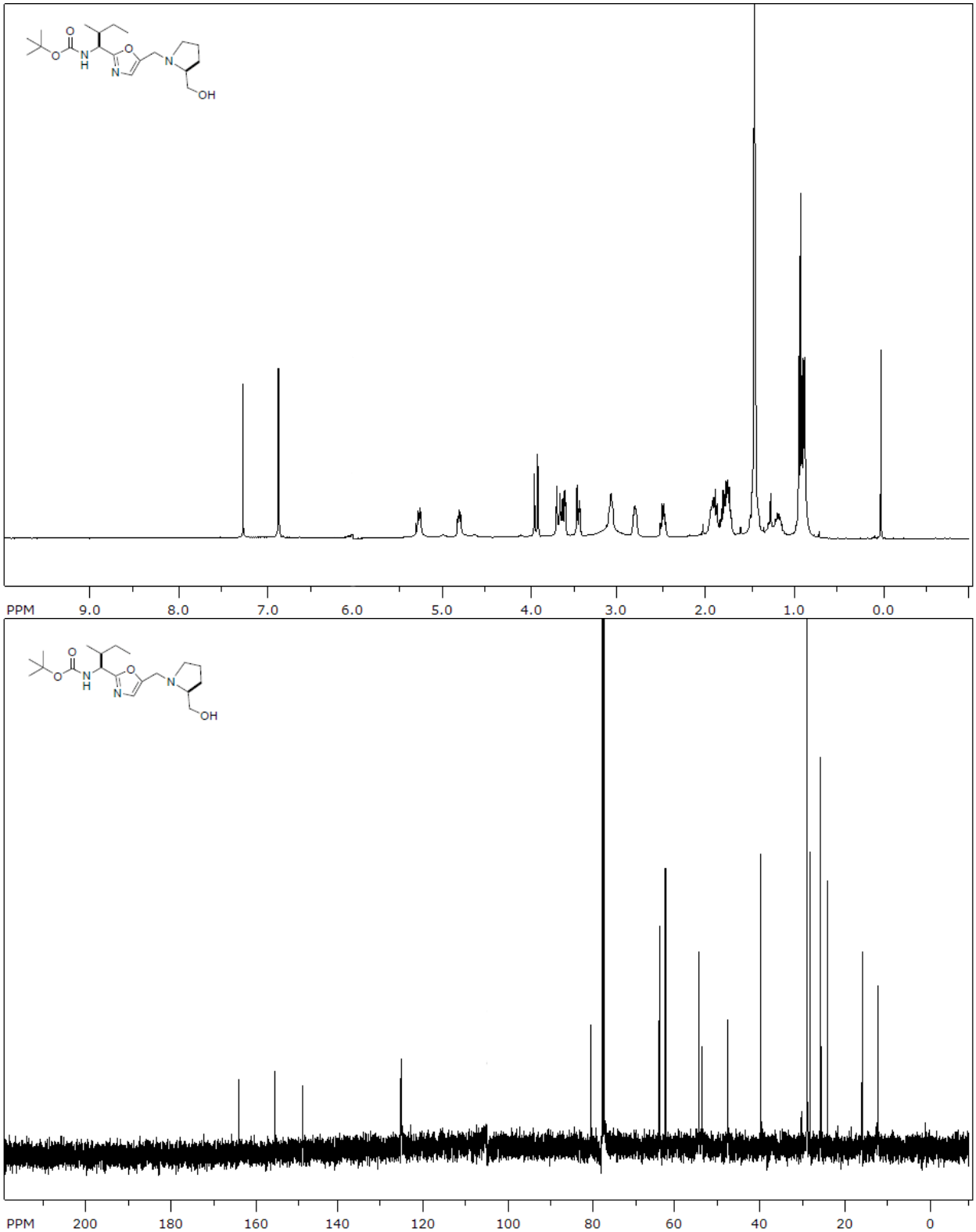

Figure S39. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **30**.

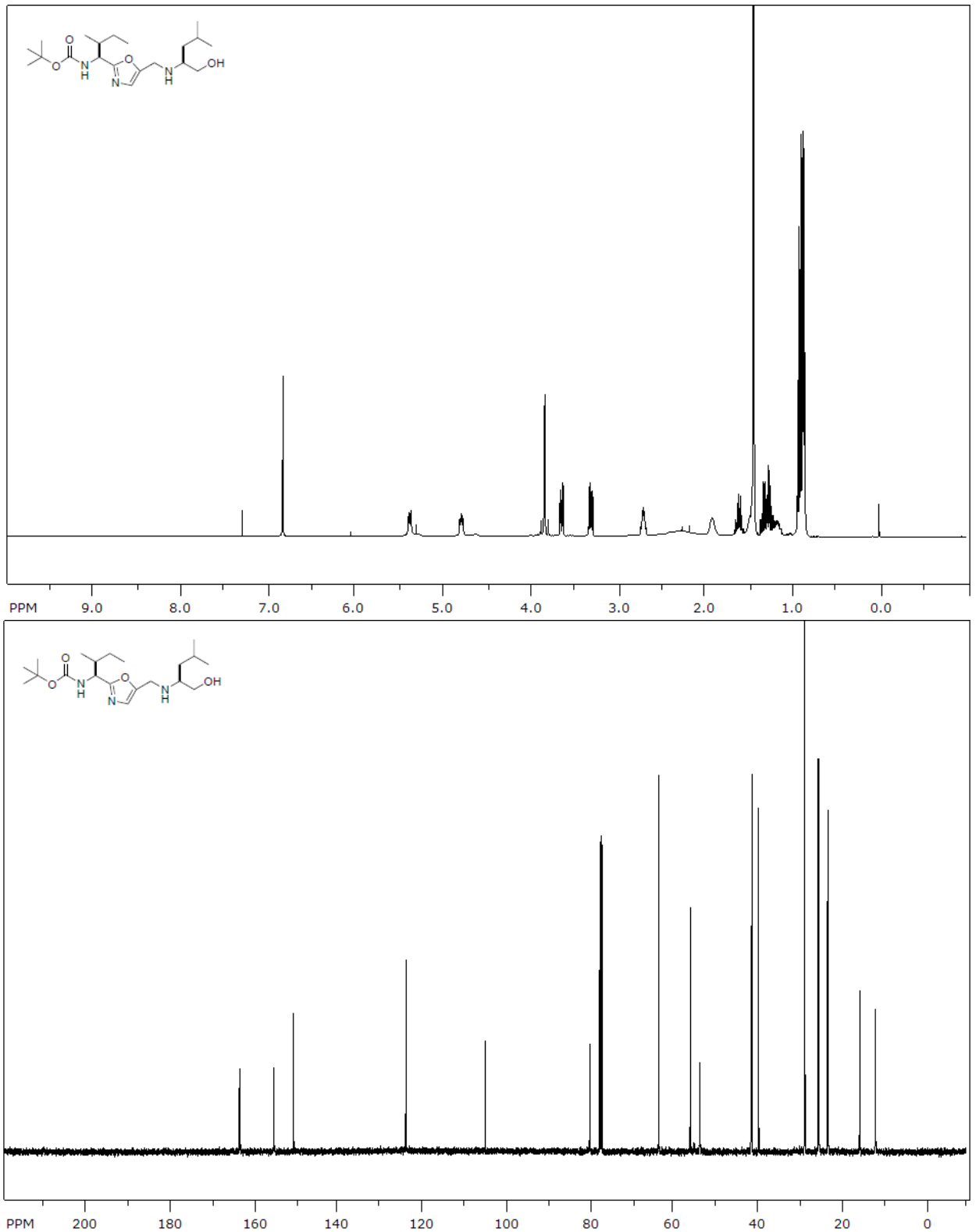

Figure S40. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **31**.

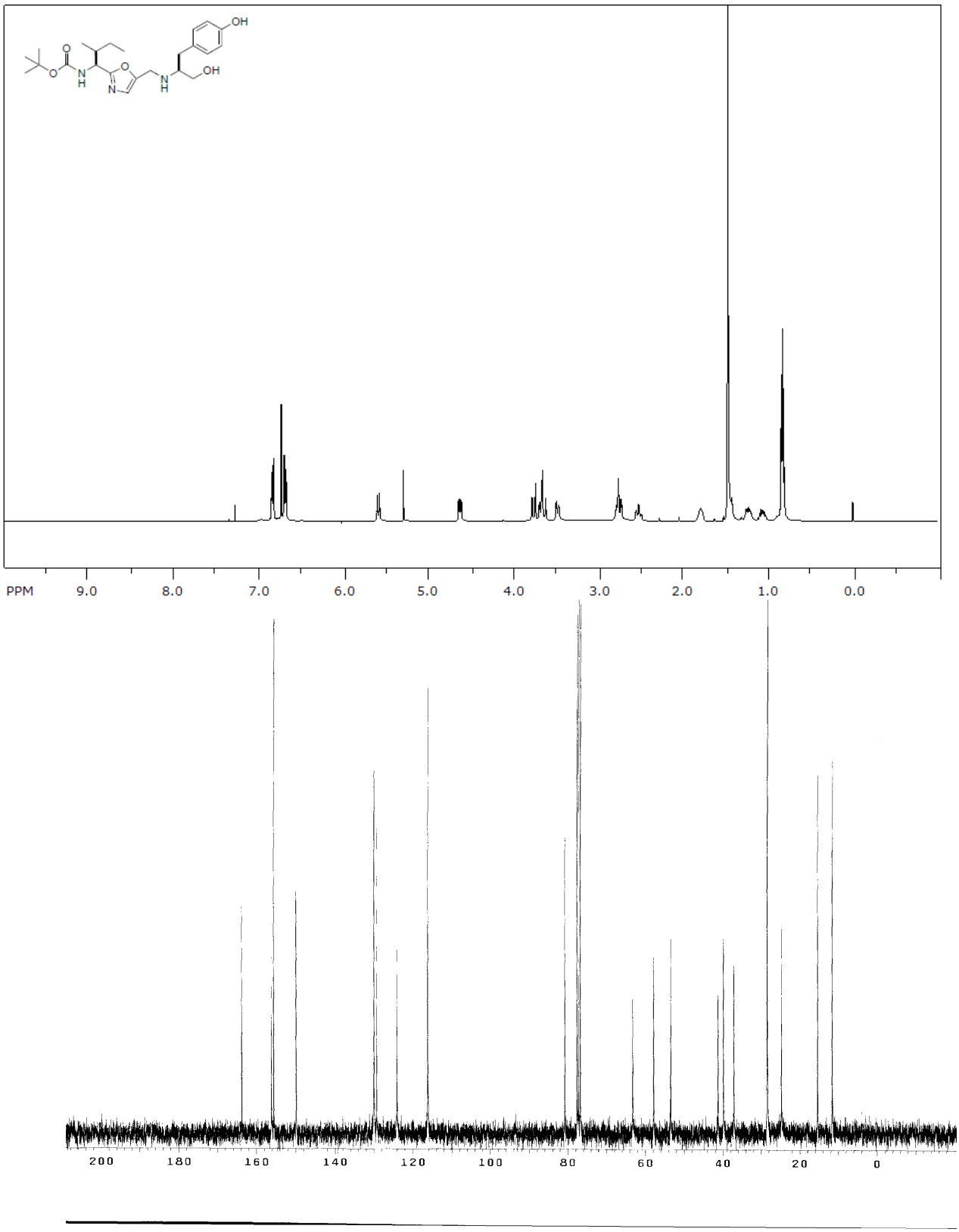

Figure S41. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **32**.

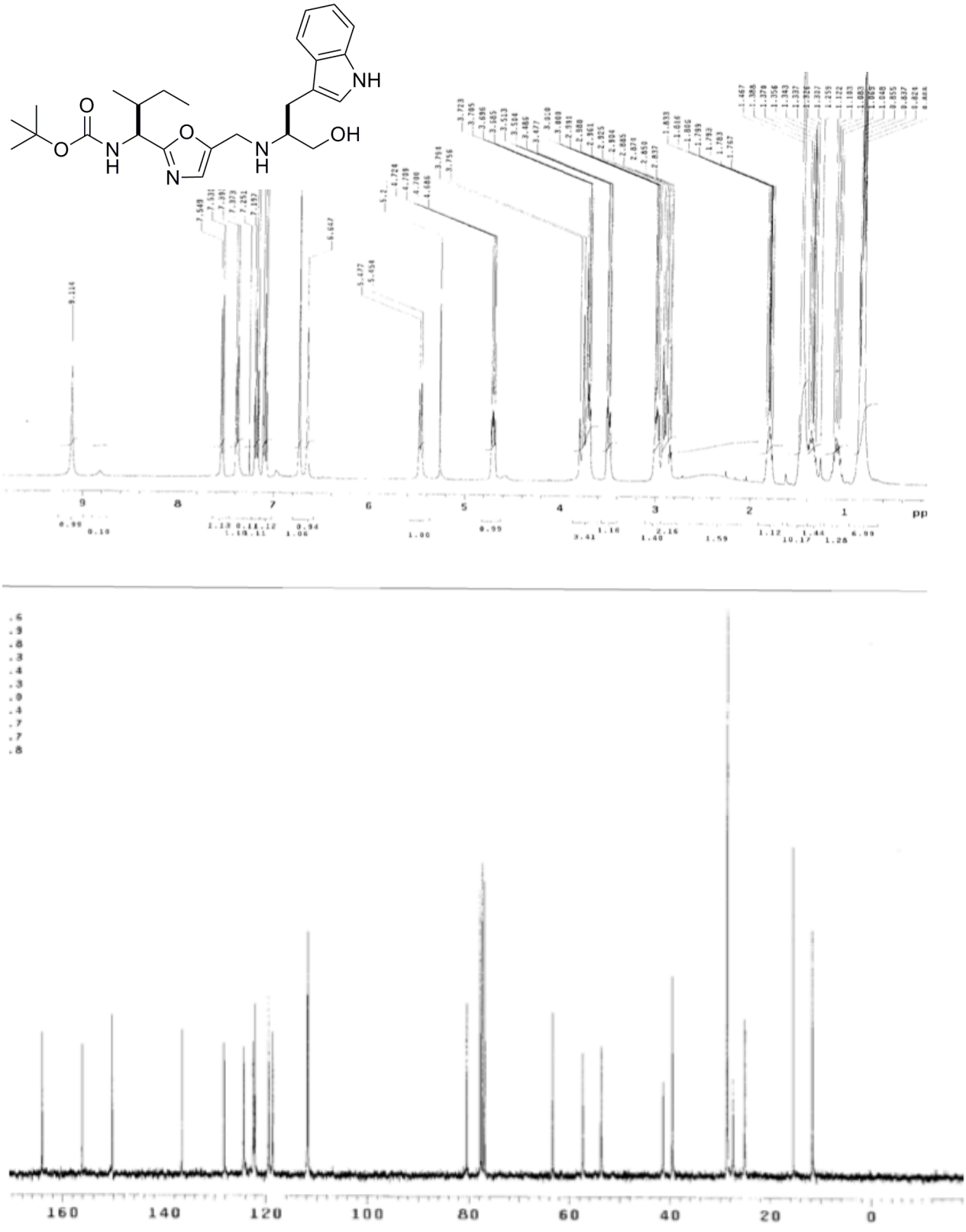

Figure S42. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (75 MHz, $CDCl_3$) spectra of **33**.

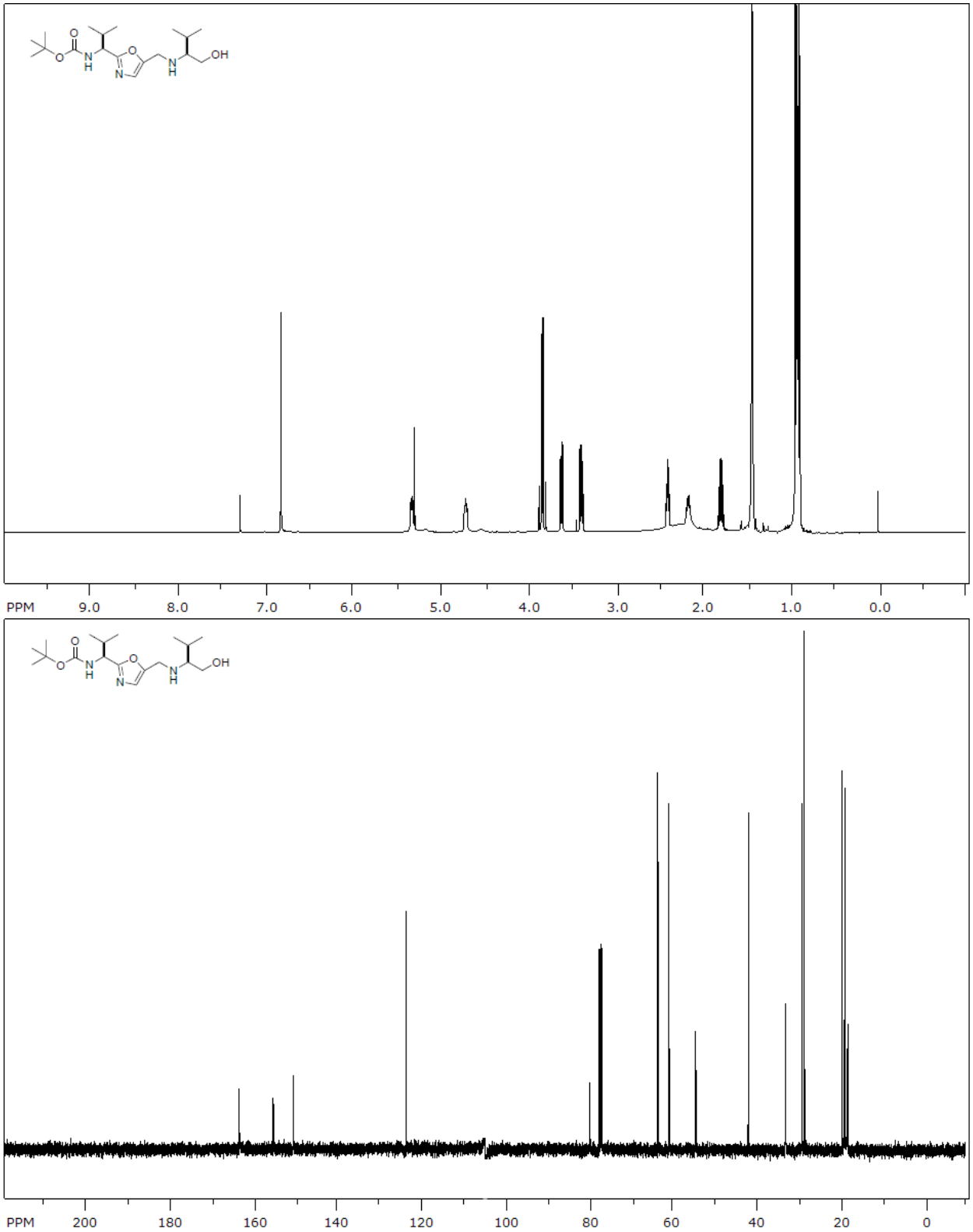

Figure S43. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **34**.

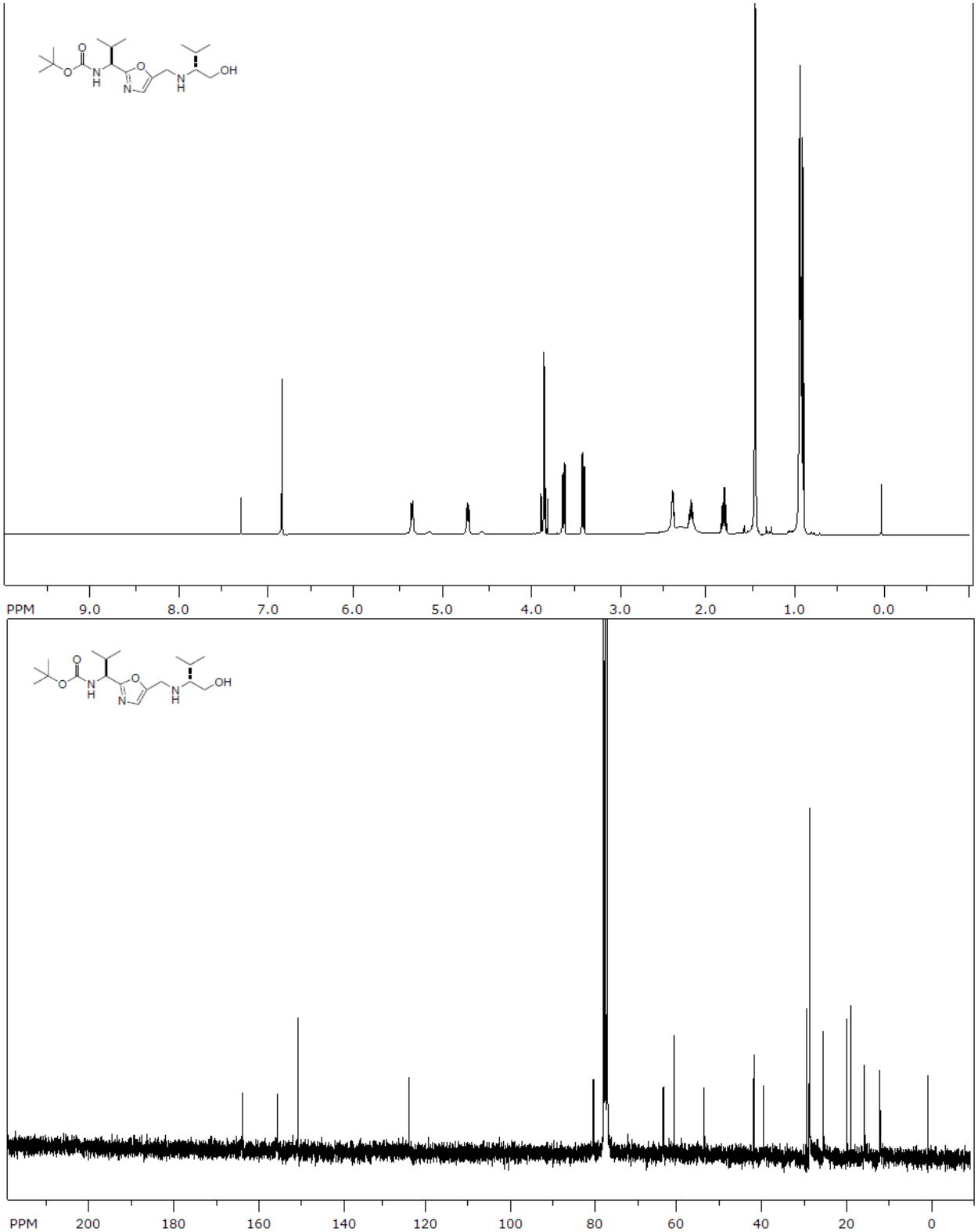

Figure S44. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **20**.

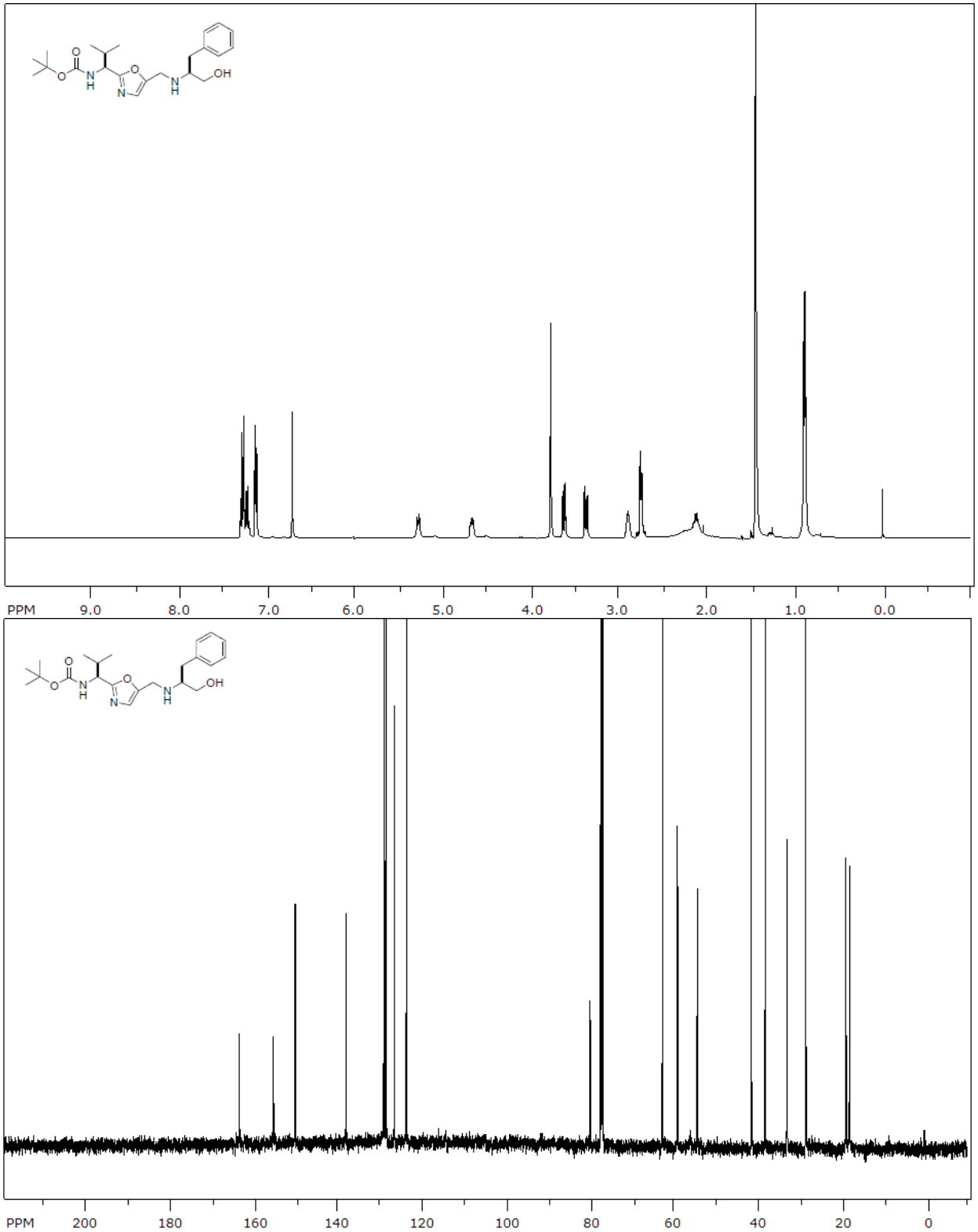

Figure S45. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **35**.

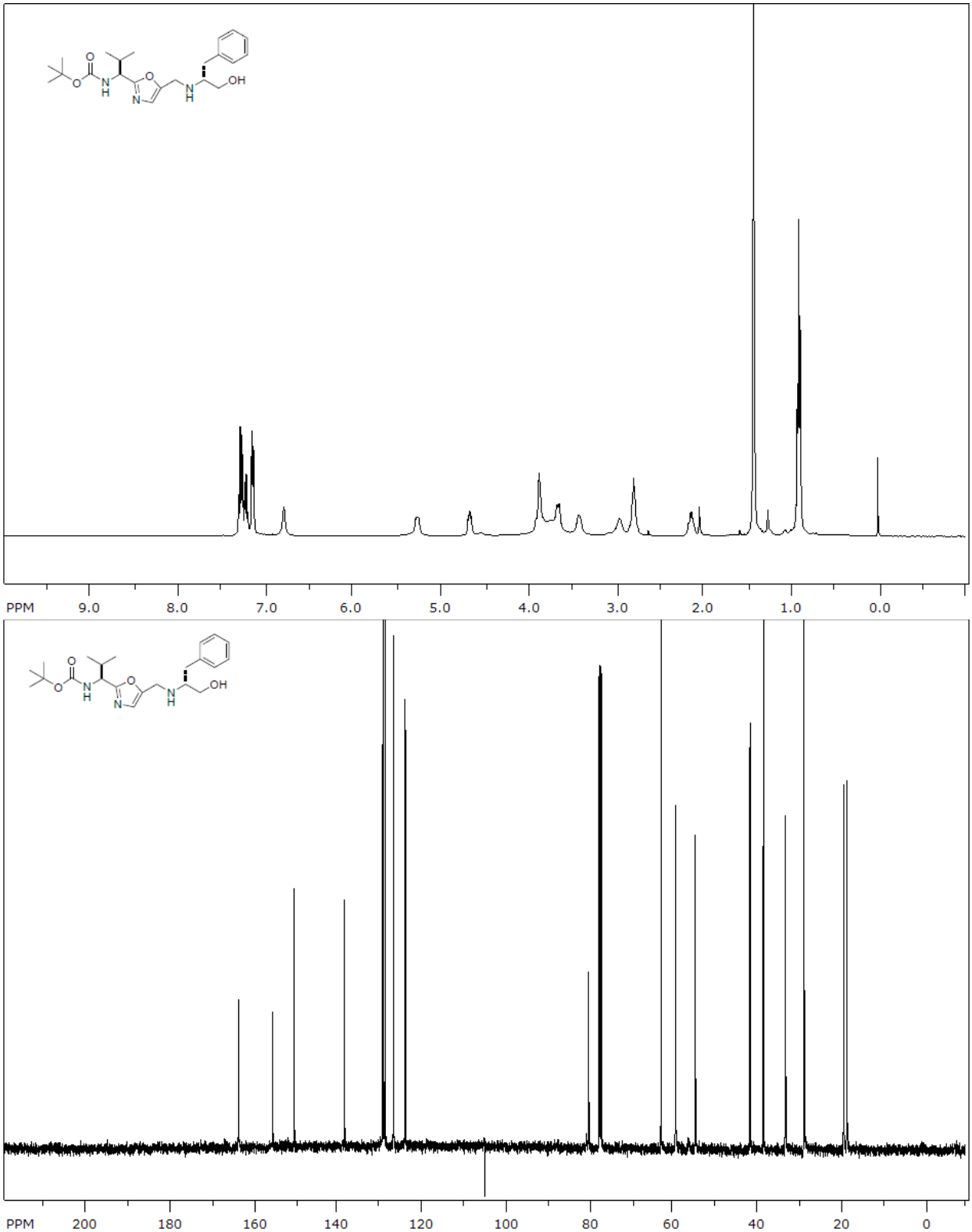

Figure S46. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **21**.

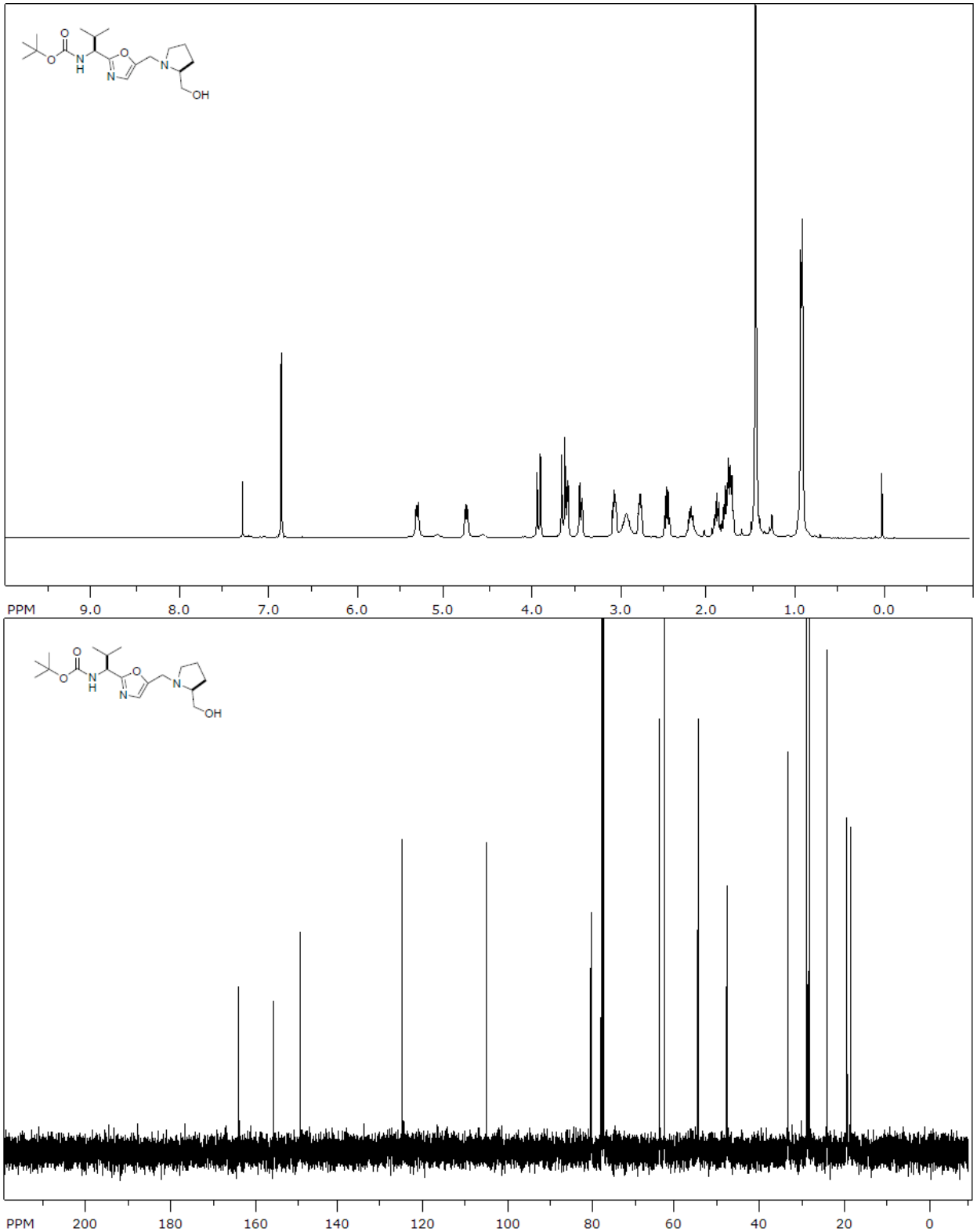

Figure S47. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **36**.

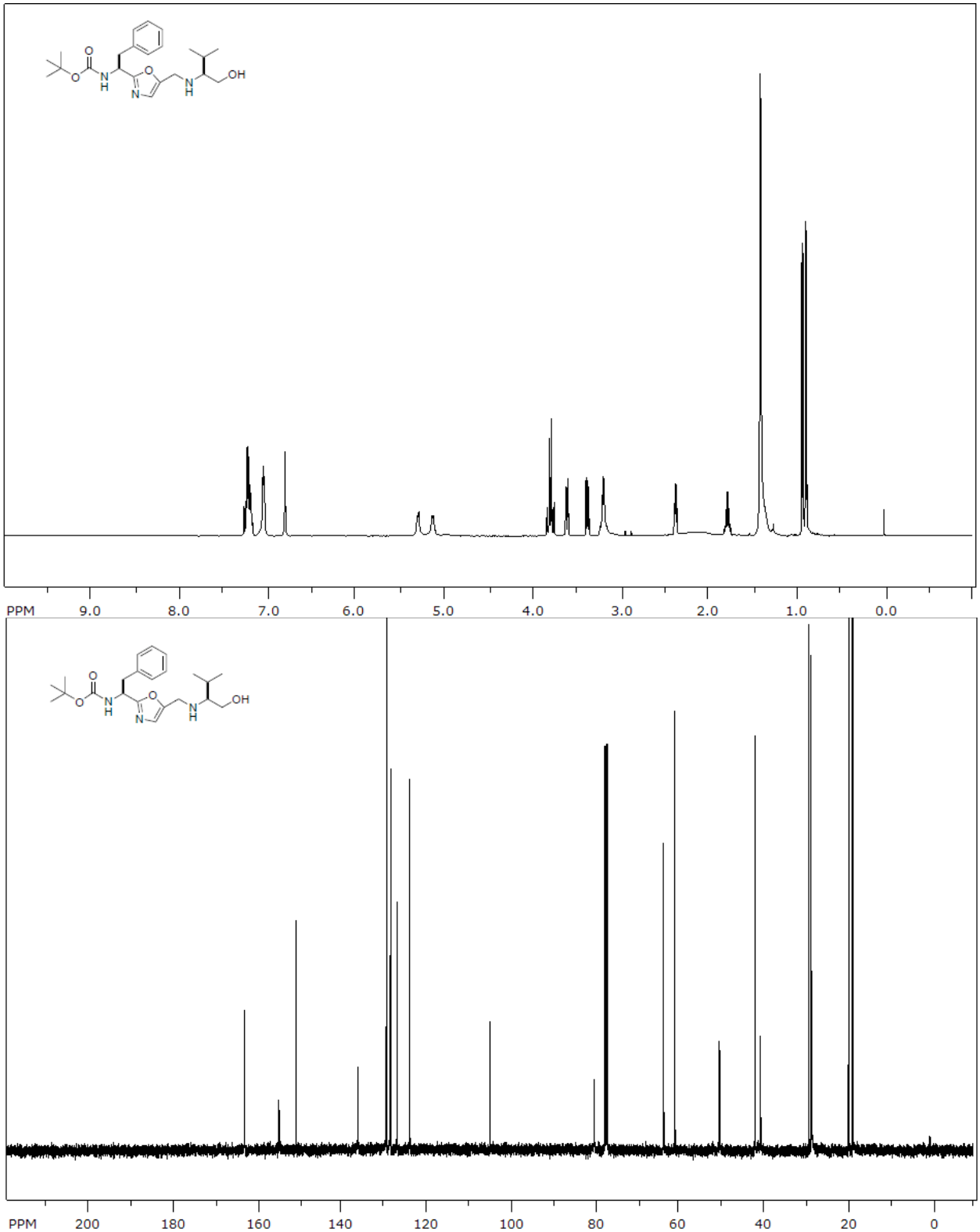

Figure S48. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **37**.

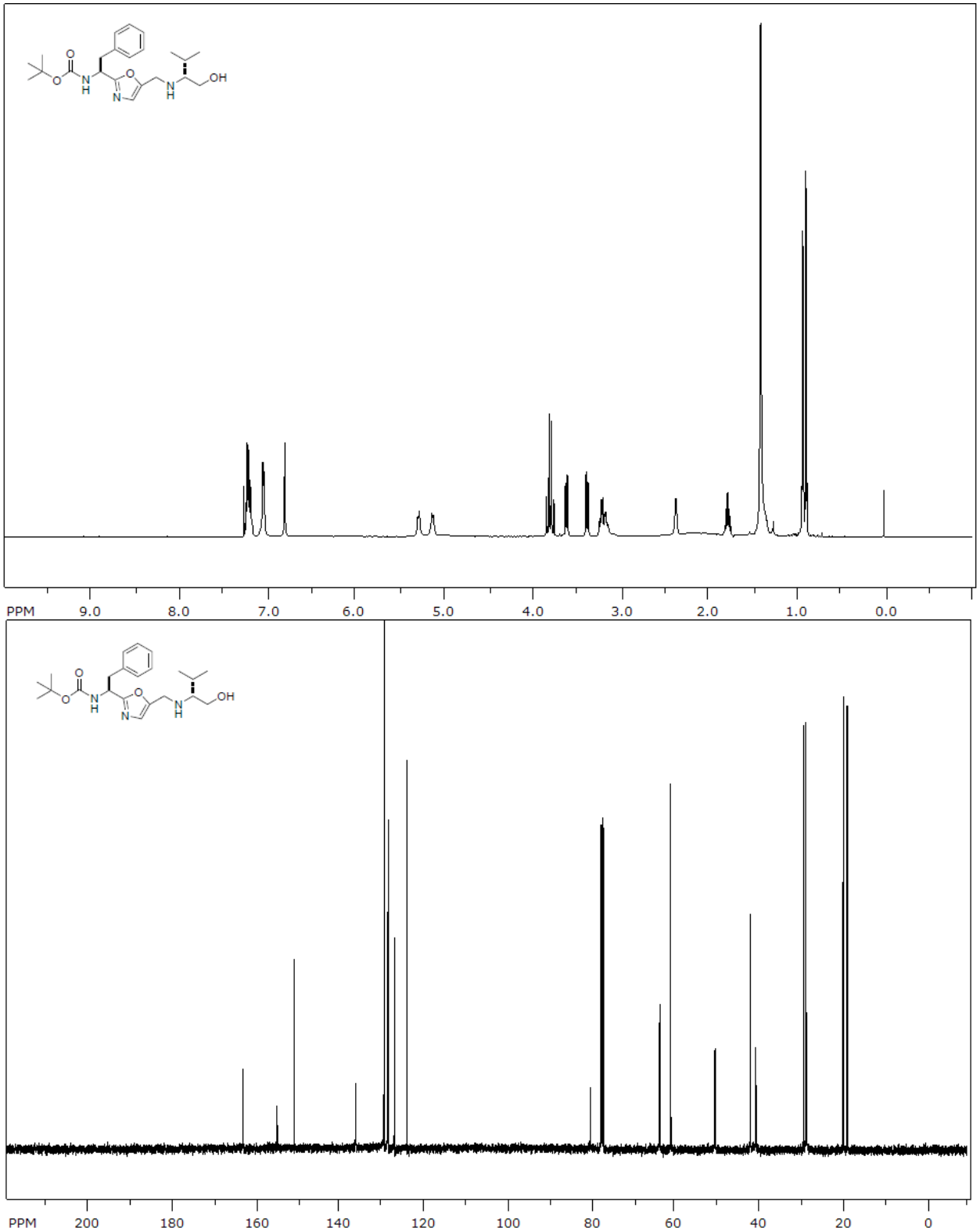

Figure S49. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **22**.

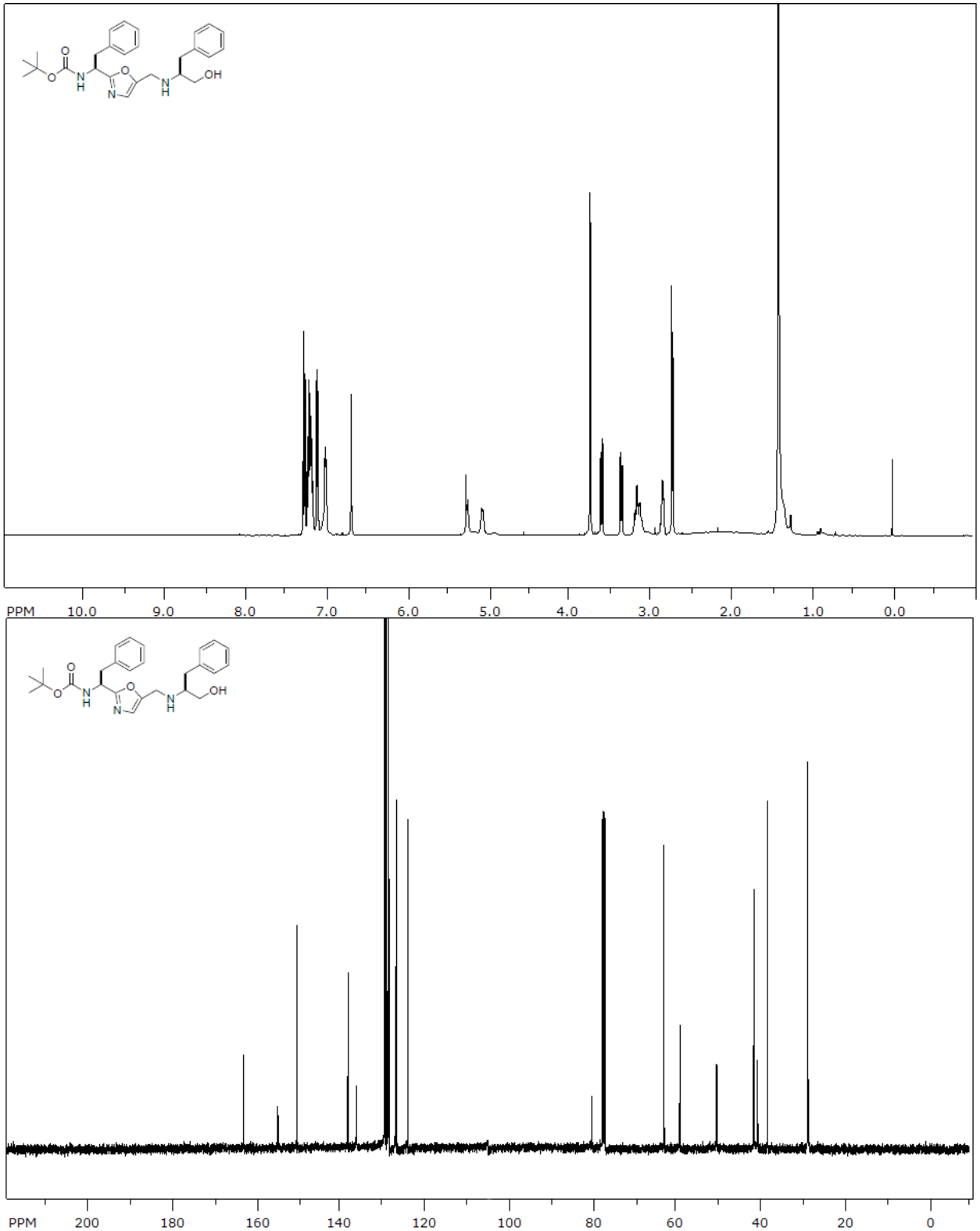

Figure S50. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **38**.

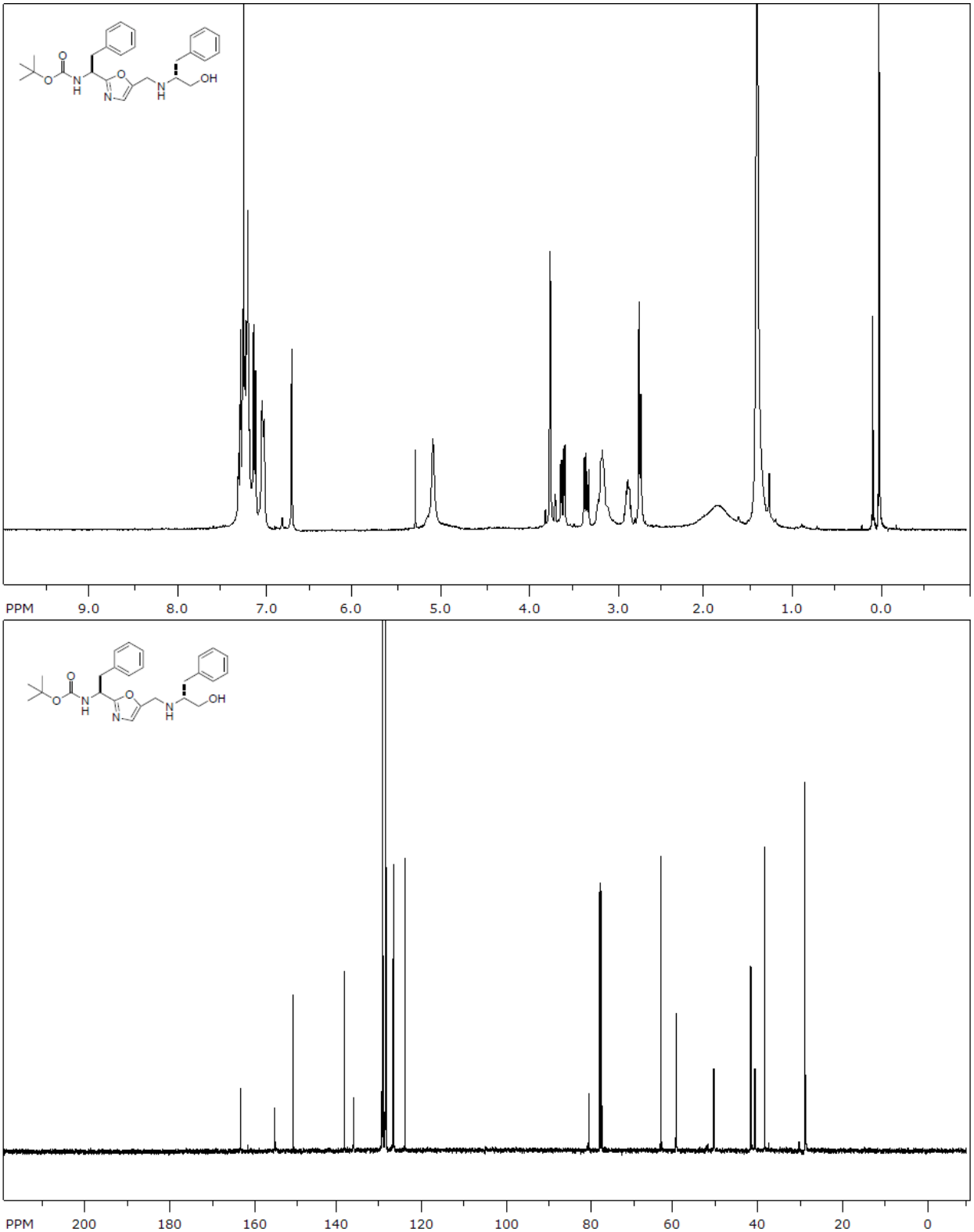

Figure S51. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **23**.

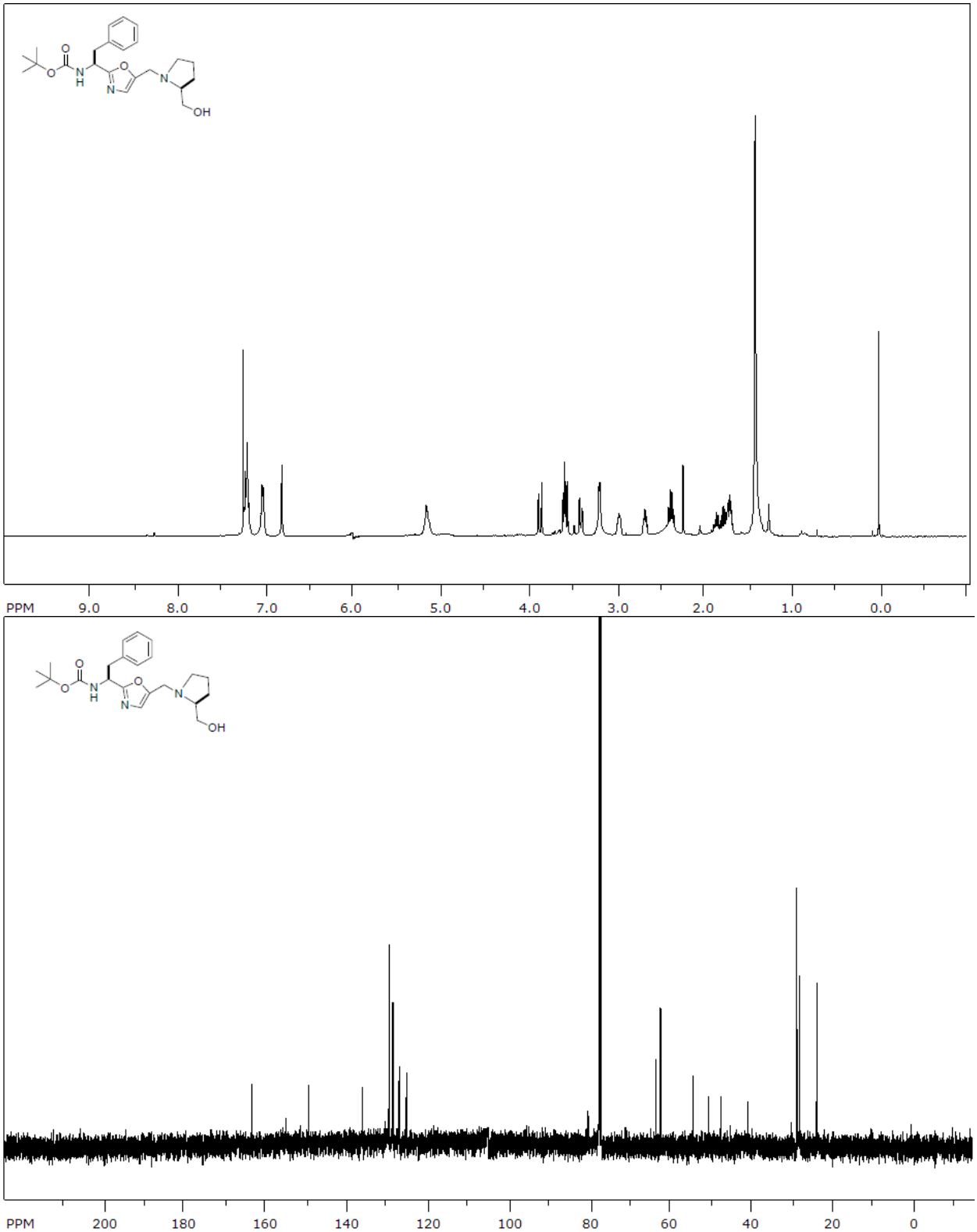

Figure S52. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **39**.

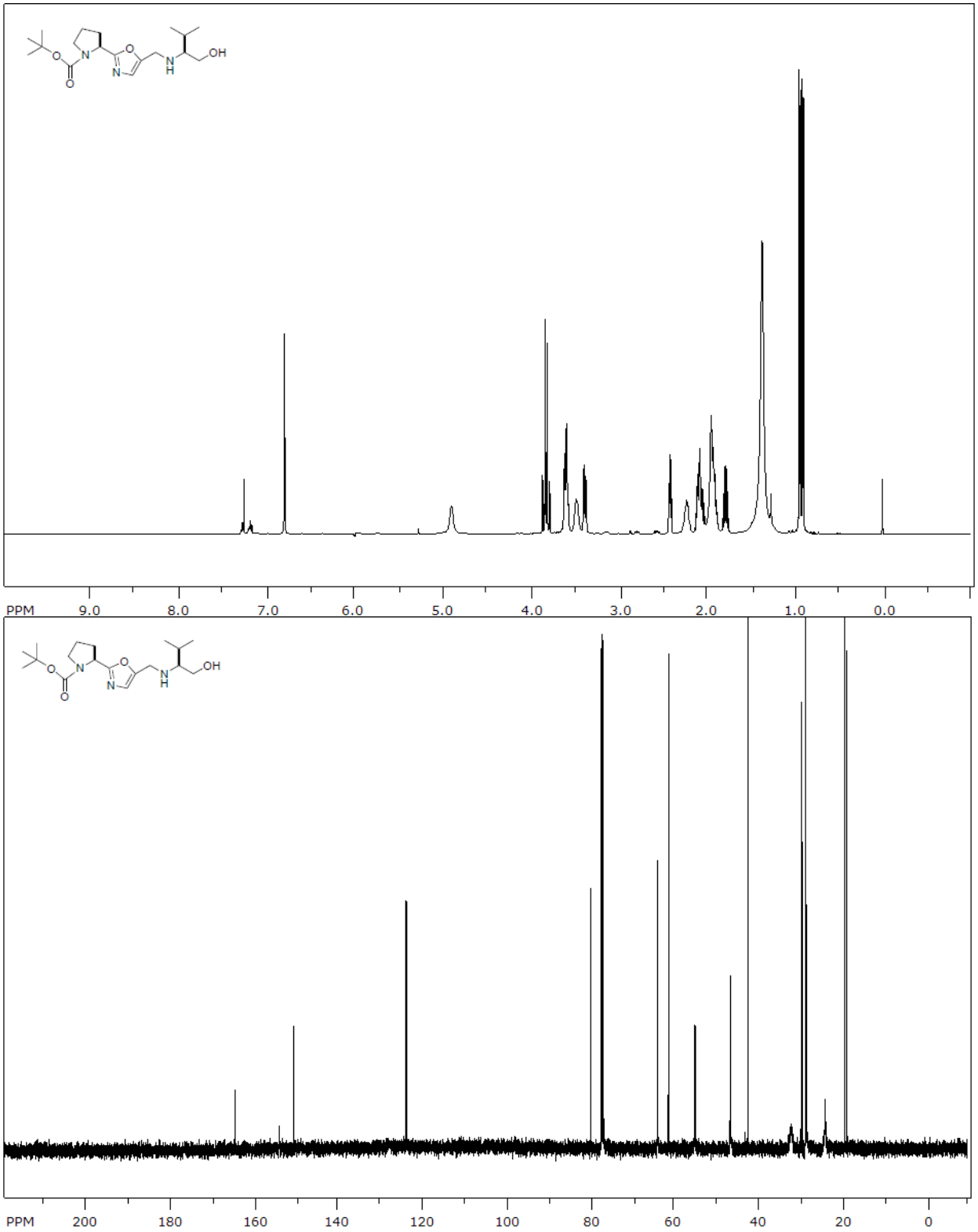

Figure S53. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **40**.

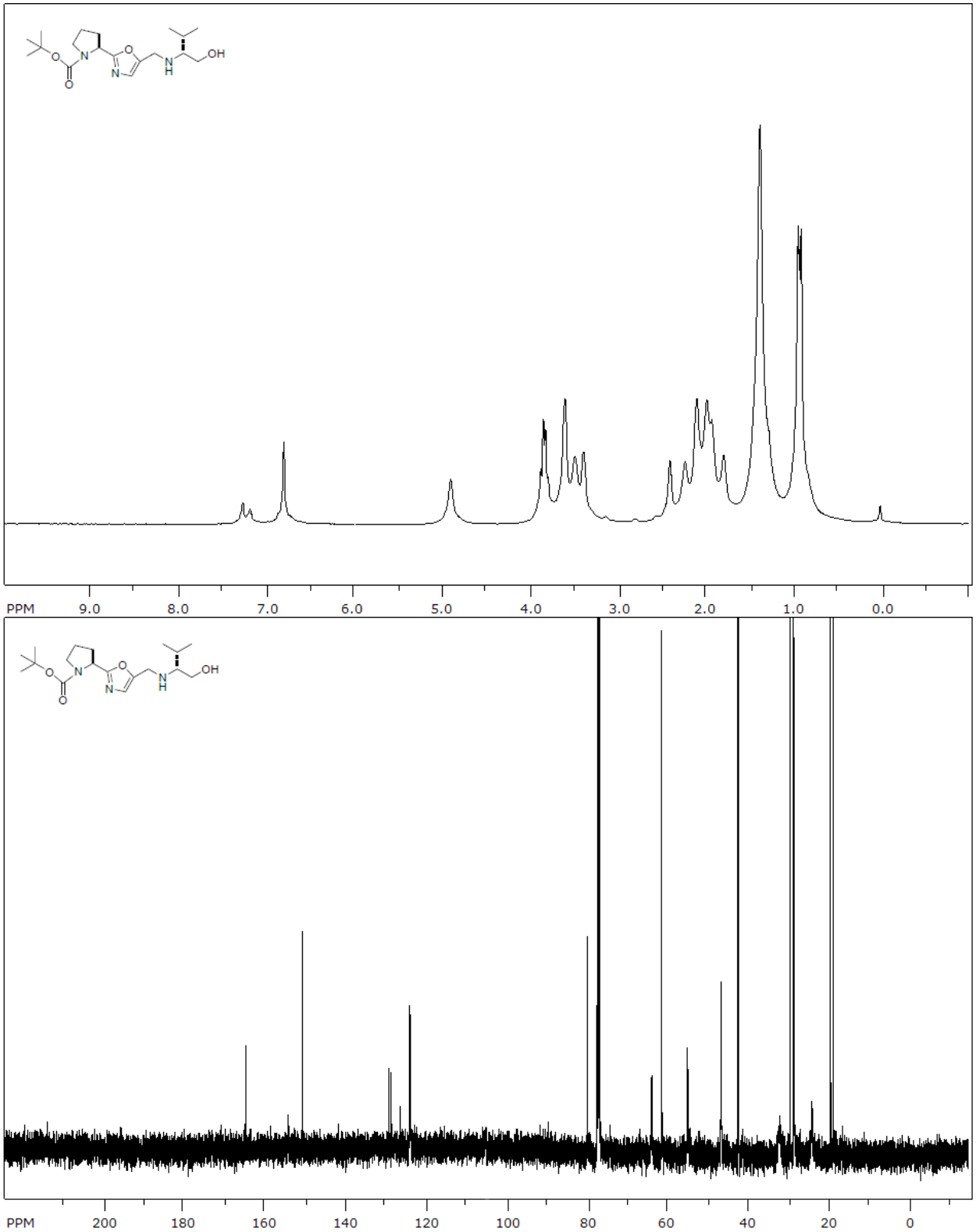

Figure S54. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **24**.

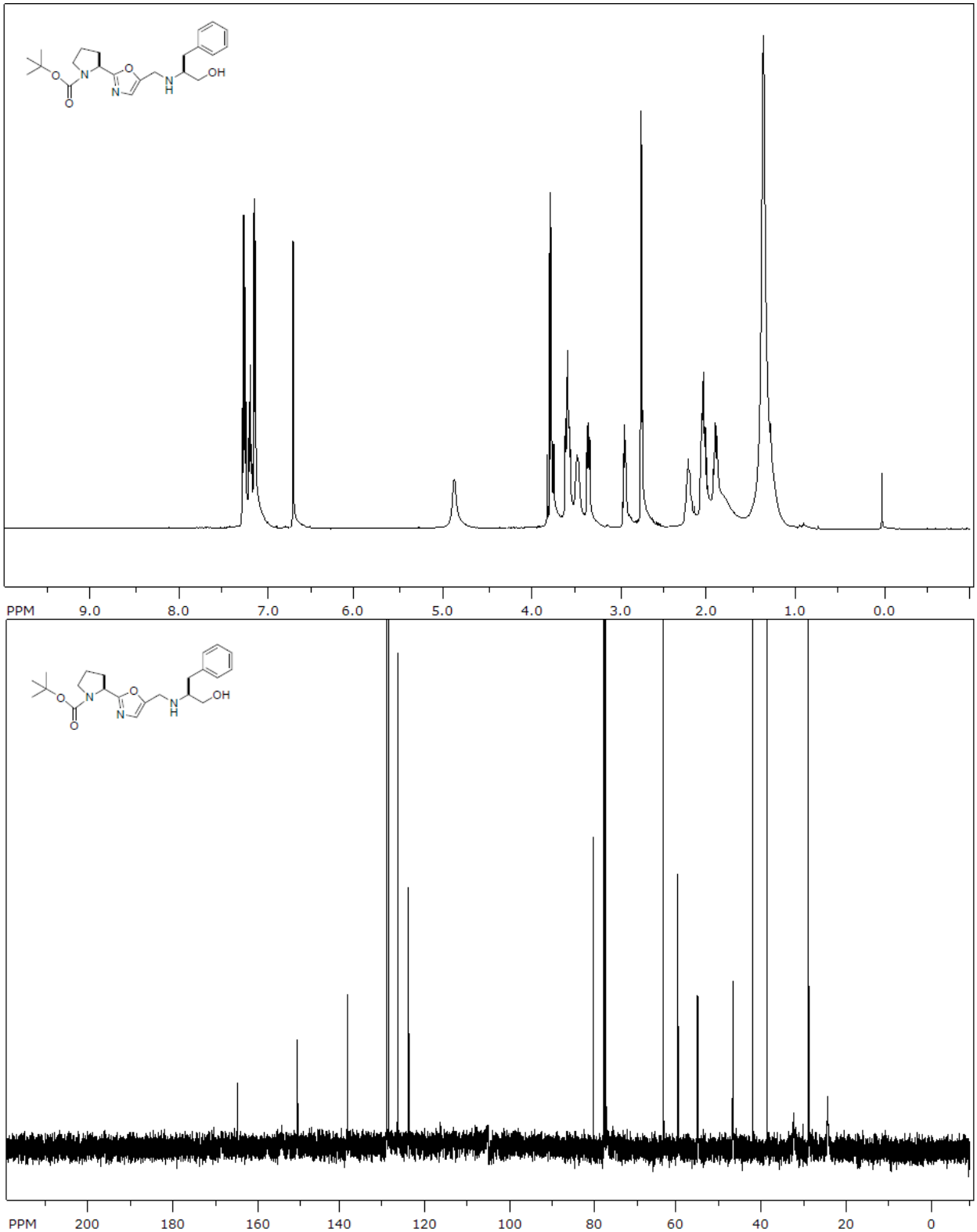

Figure S55. (top) ^{1}H (500 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **41**.

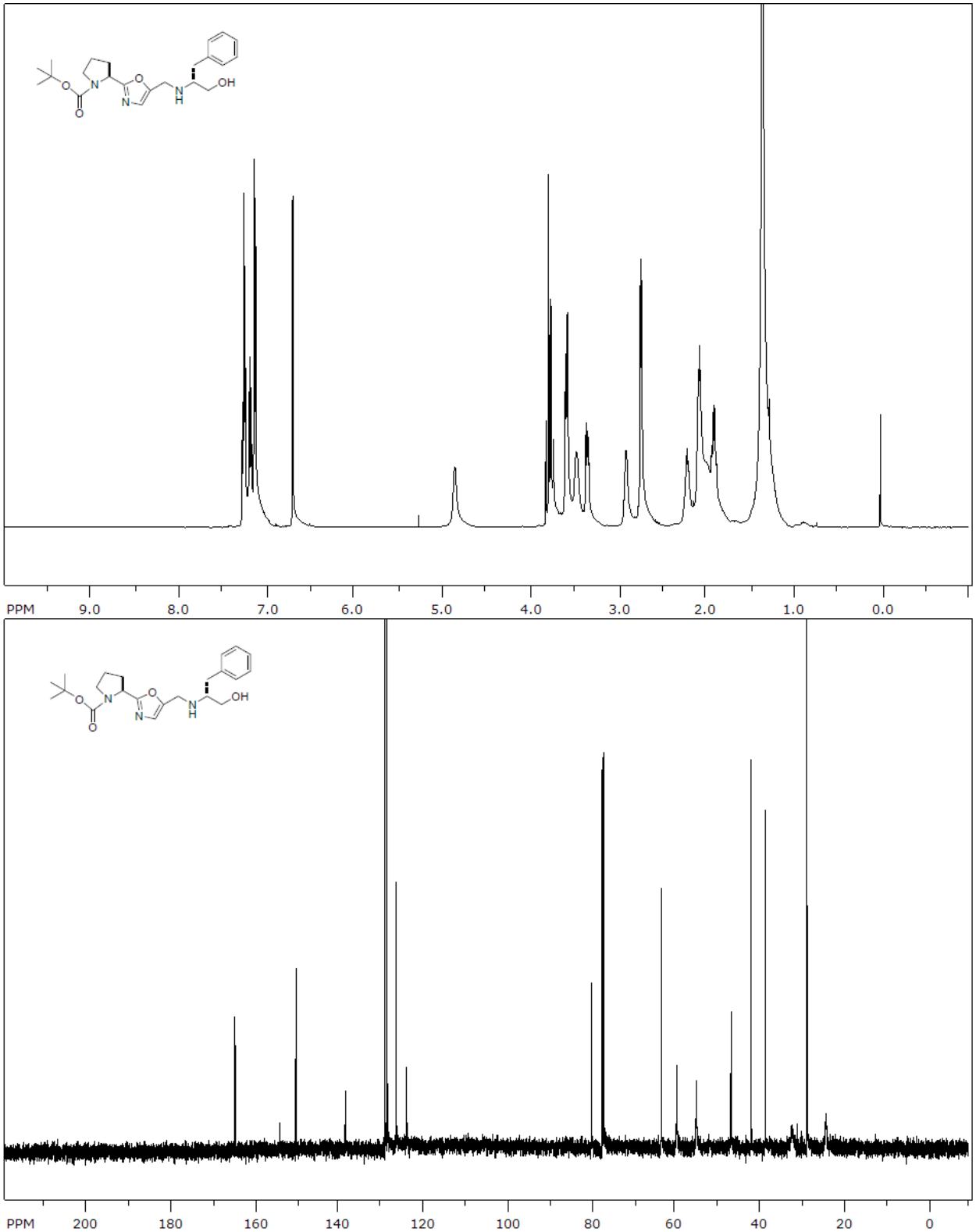

Figure S56. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **25**.

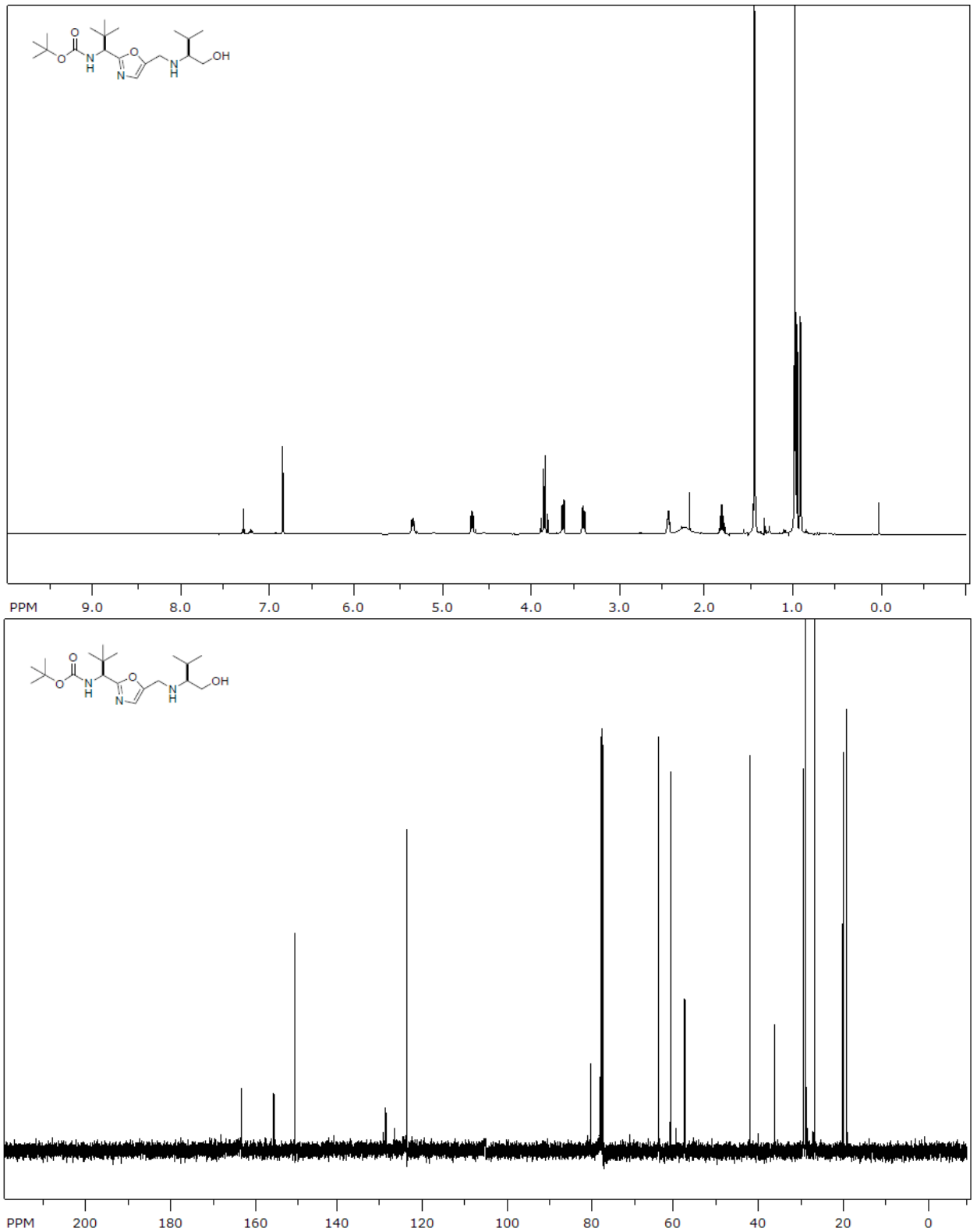

Figure S57. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **42**.

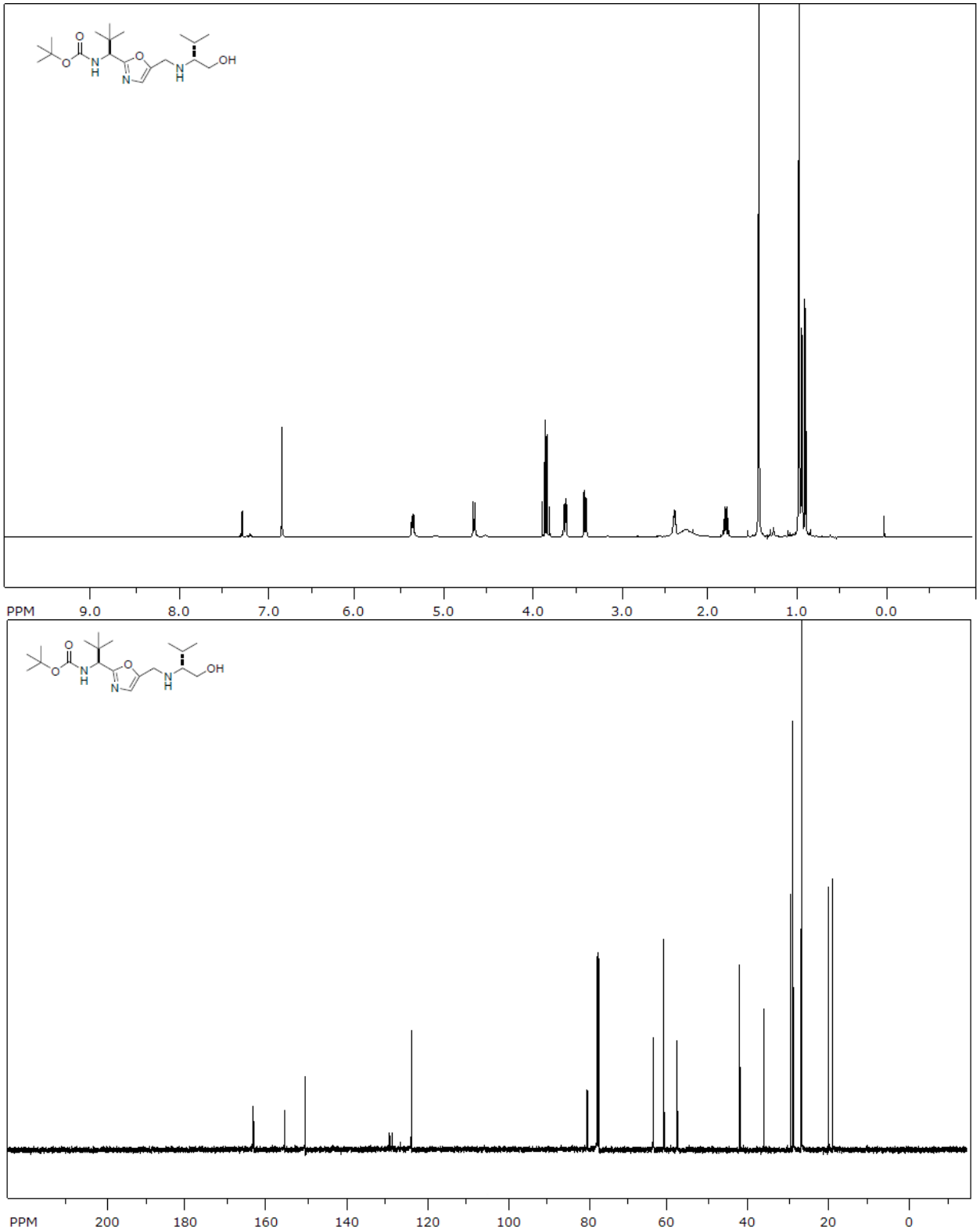

Figure S58. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **26**.

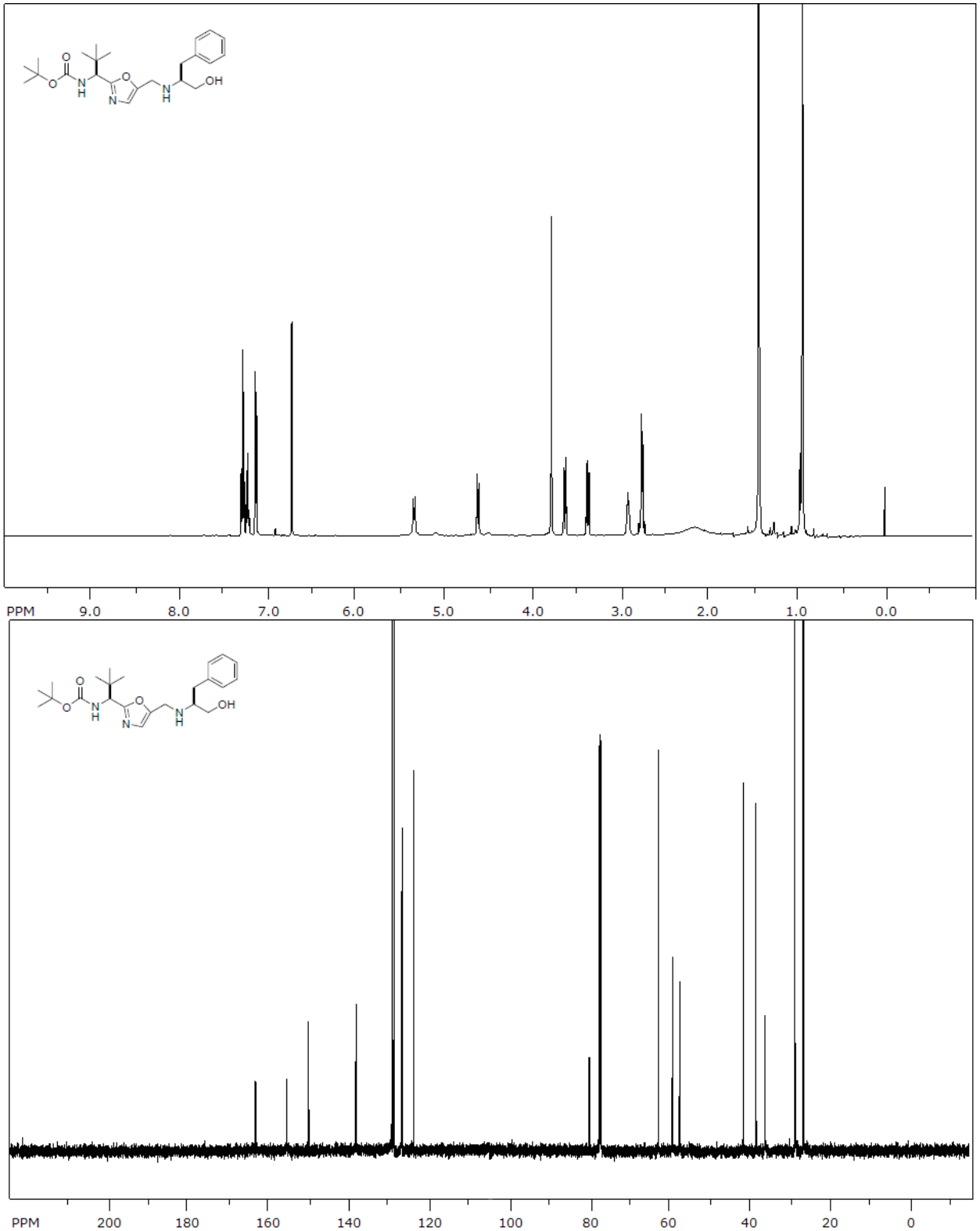

Figure S59. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (125 MHz, $CDCl_3$) spectra of **43**.

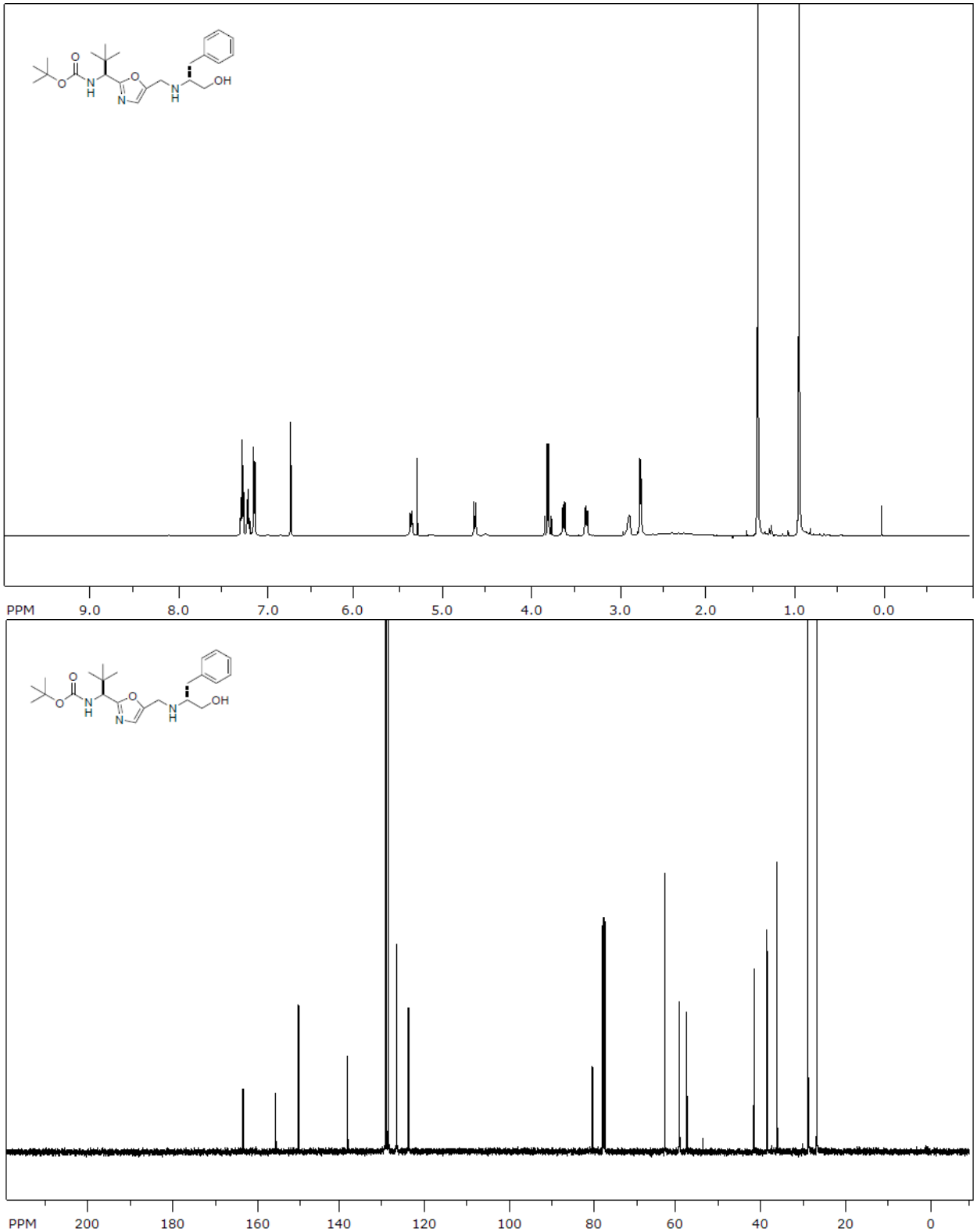

Figure S60. (top) ^{1}H (400 MHz, $CDCl_3$) and (bottom) ^{13}C NMR (127 MHz, $CDCl_3$) spectra of **27**.