

Figure 1. The ¹H NMR Spectrum of Compound (+)-**5I** in CDCl₃

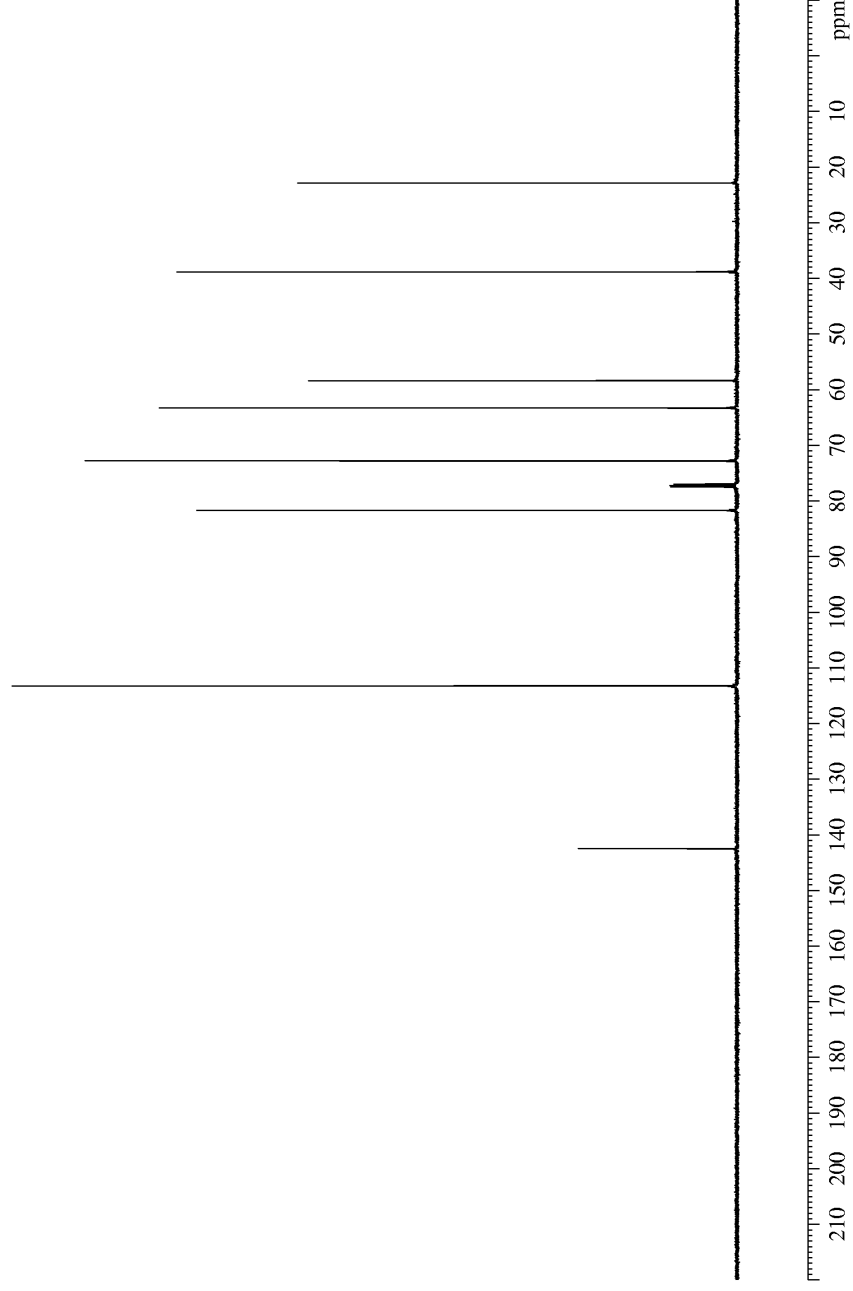
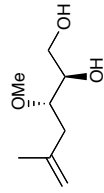


Figure 2. The ^{13}C NMR Spectrum of Compound (+)-S1 in CDCl_3

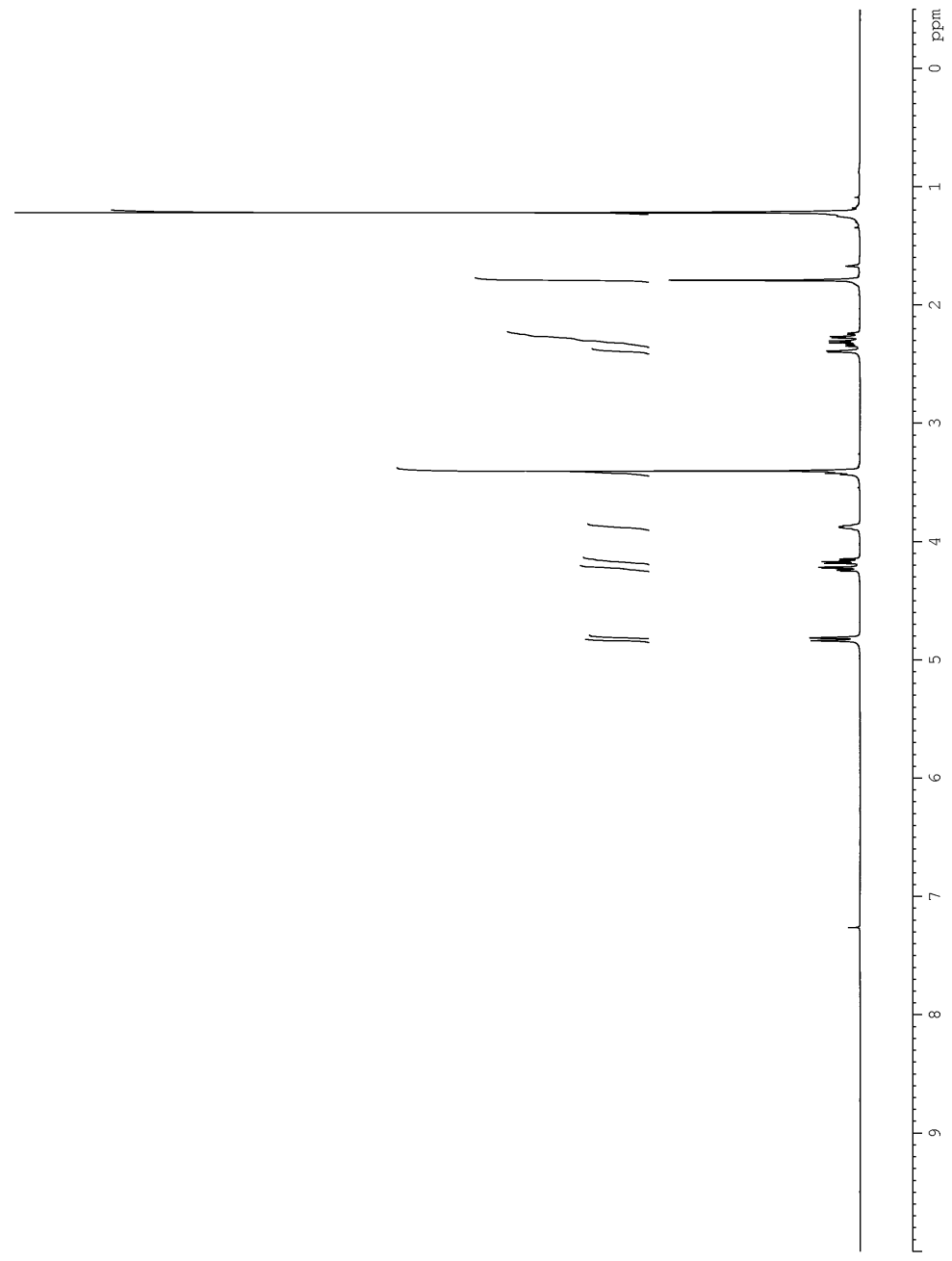
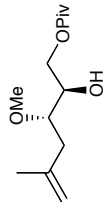


Figure 3. The ¹H NMR Spectrum of Compound (+)-11 in CDCl₃

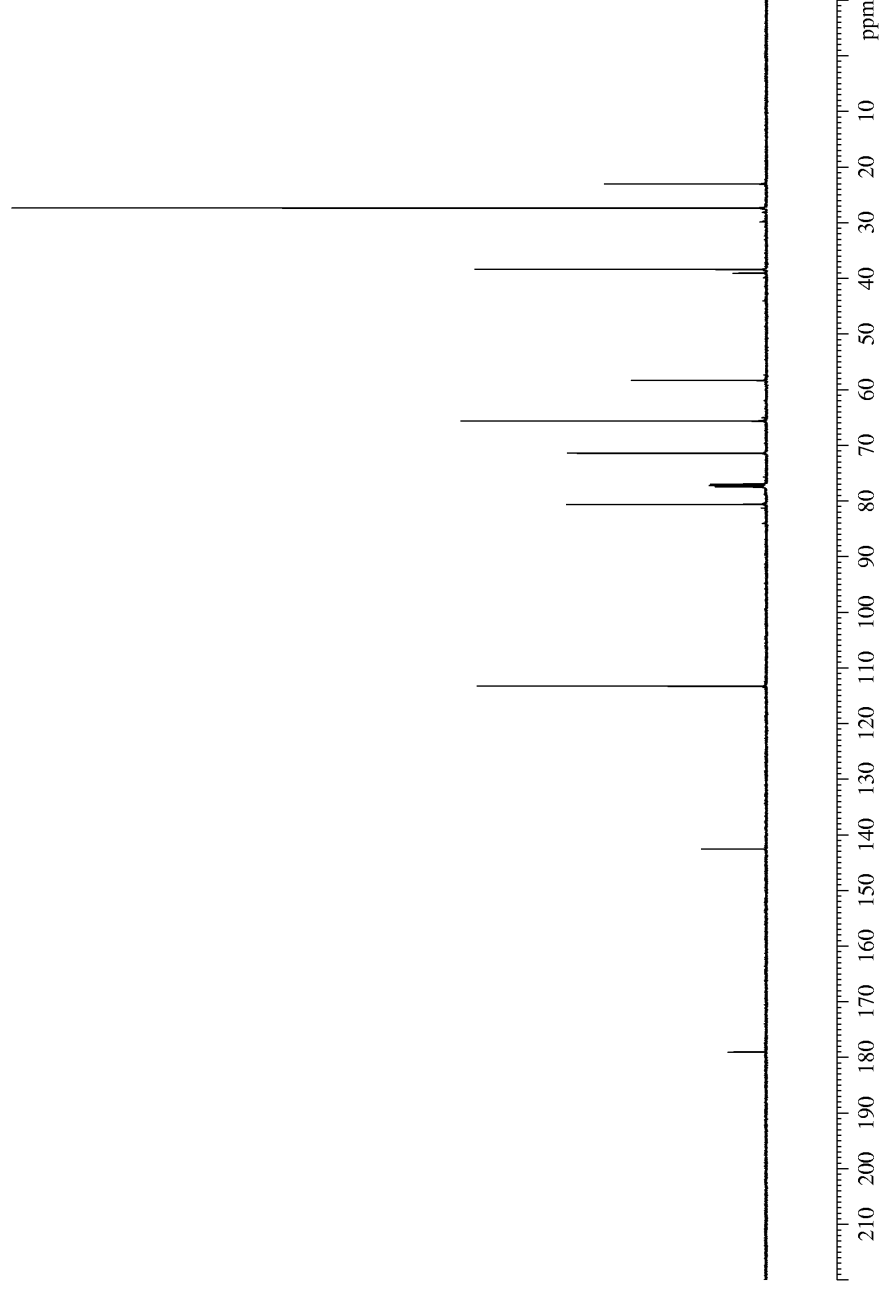
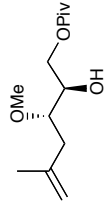


Figure 4. The ^{13}C NMR Spectrum of Compound (+)-11 in CDCl_3

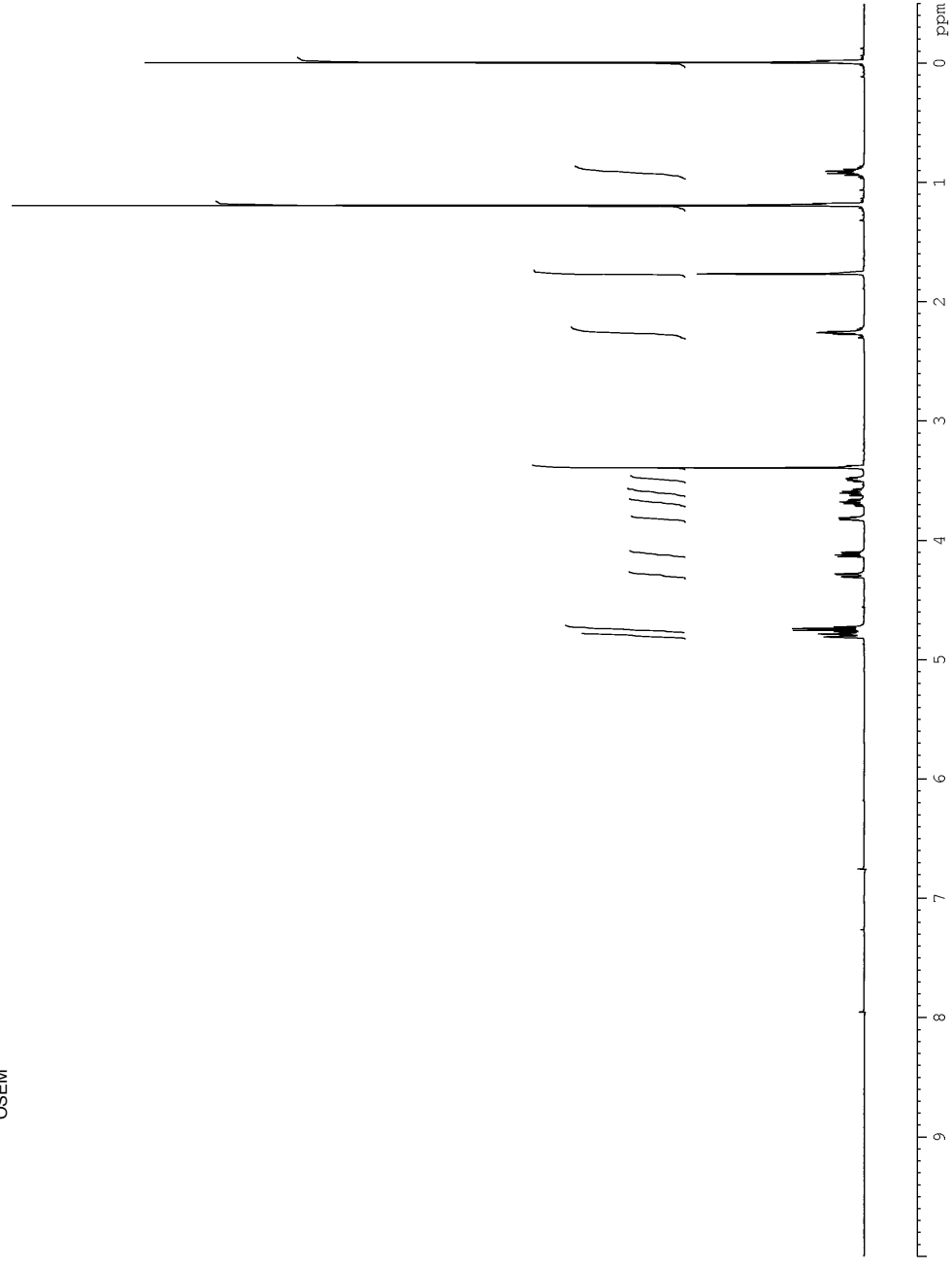
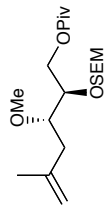


Figure 5. The ¹H NMR Spectrum of Compound (-)-S2 in CDCl₃

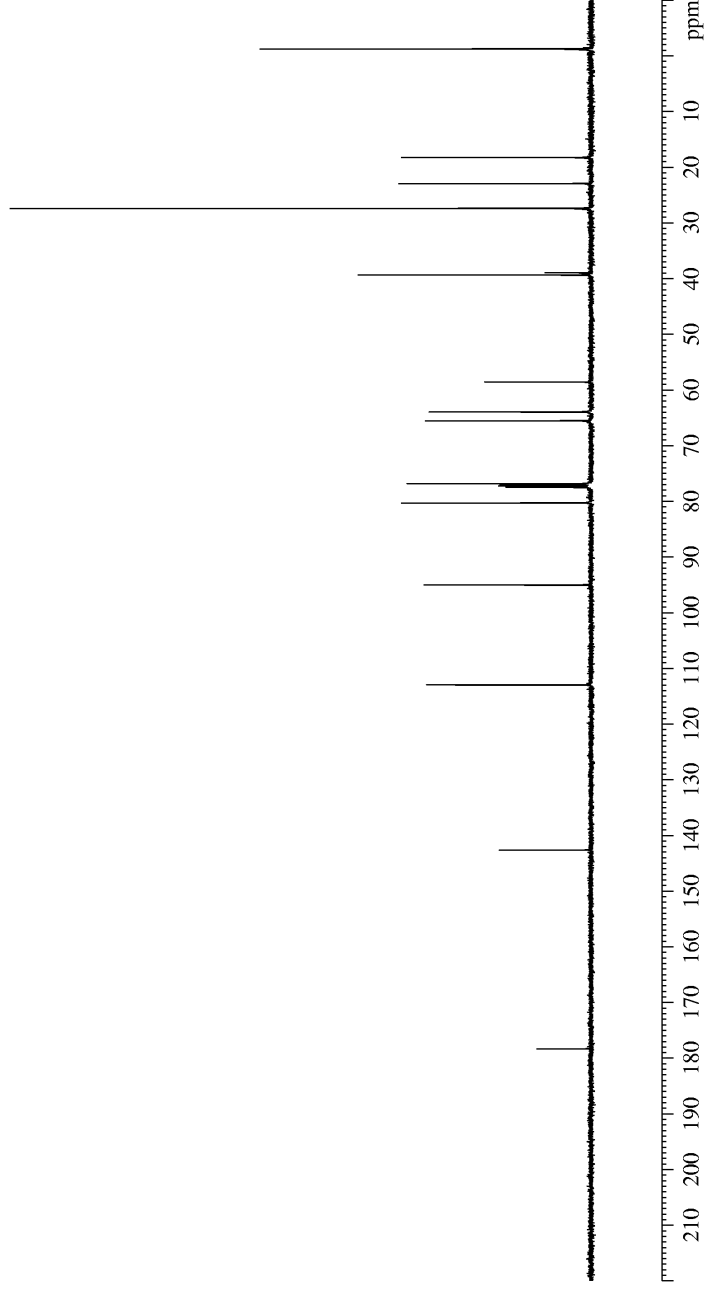
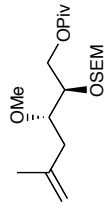


Figure 6. The ^{13}C NMR Spectrum of Compound (-)-S2 in CDCl_3

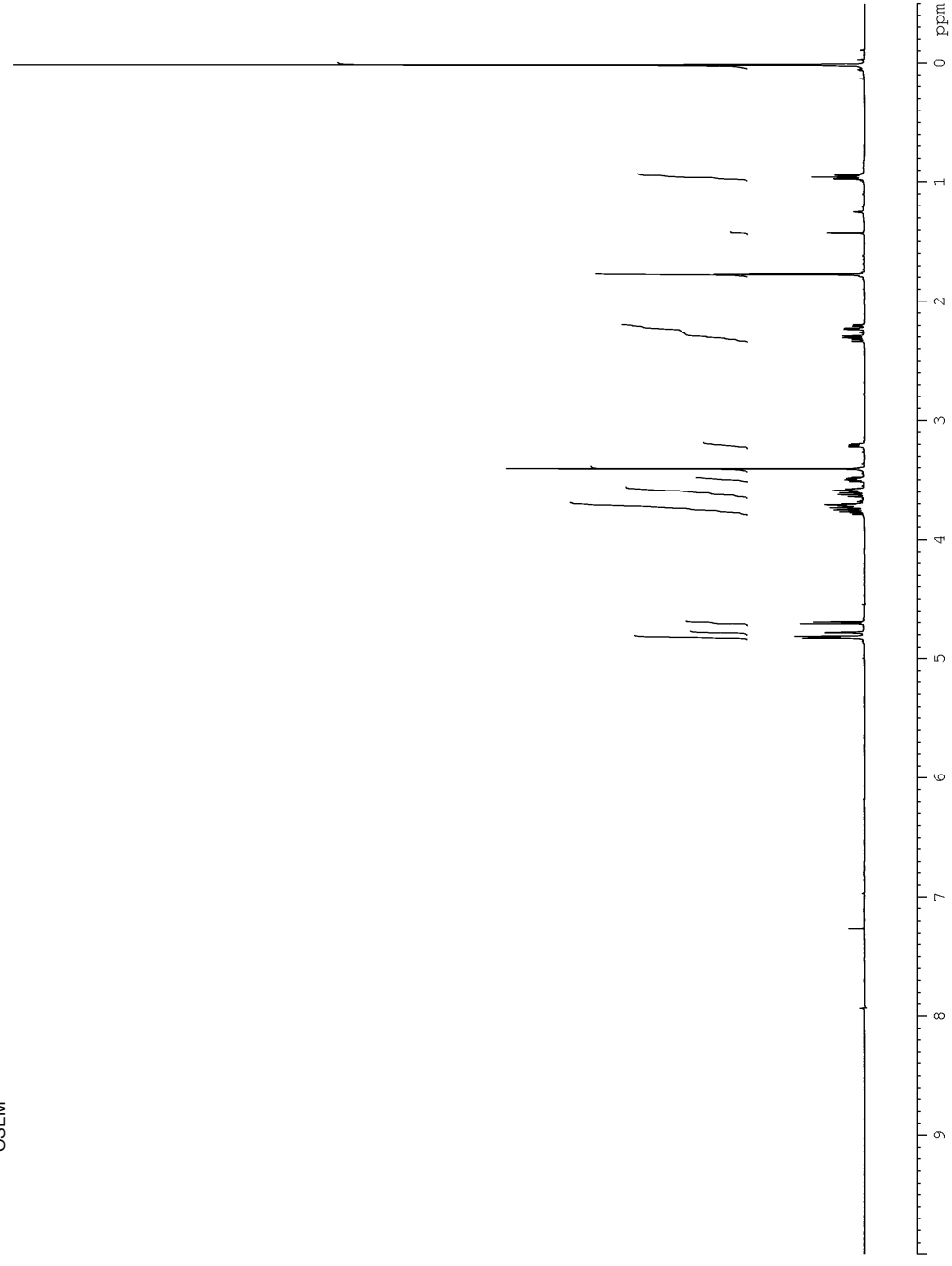
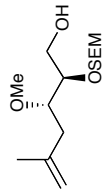


Figure 7. The ¹H NMR Spectrum of Compound (+)-12 in CDCl₃

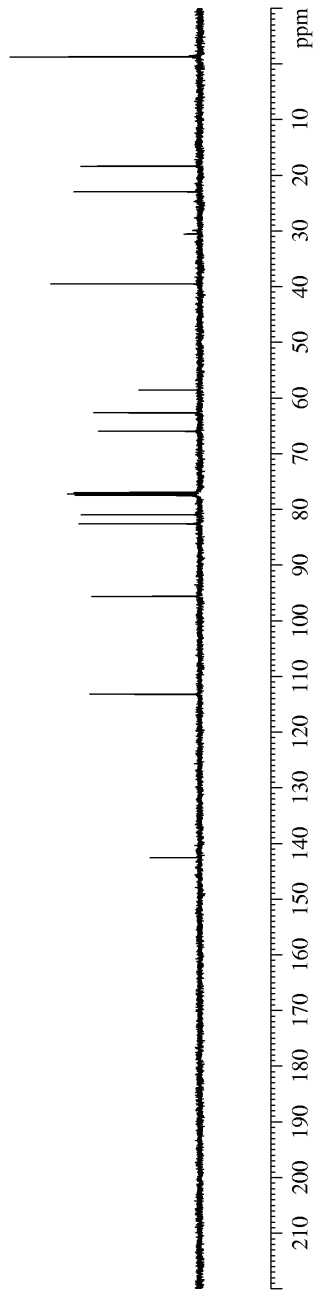
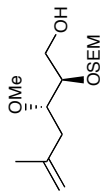


Figure 8. The ¹³C NMR Spectrum of Compound (+)-12 in CDCl₃

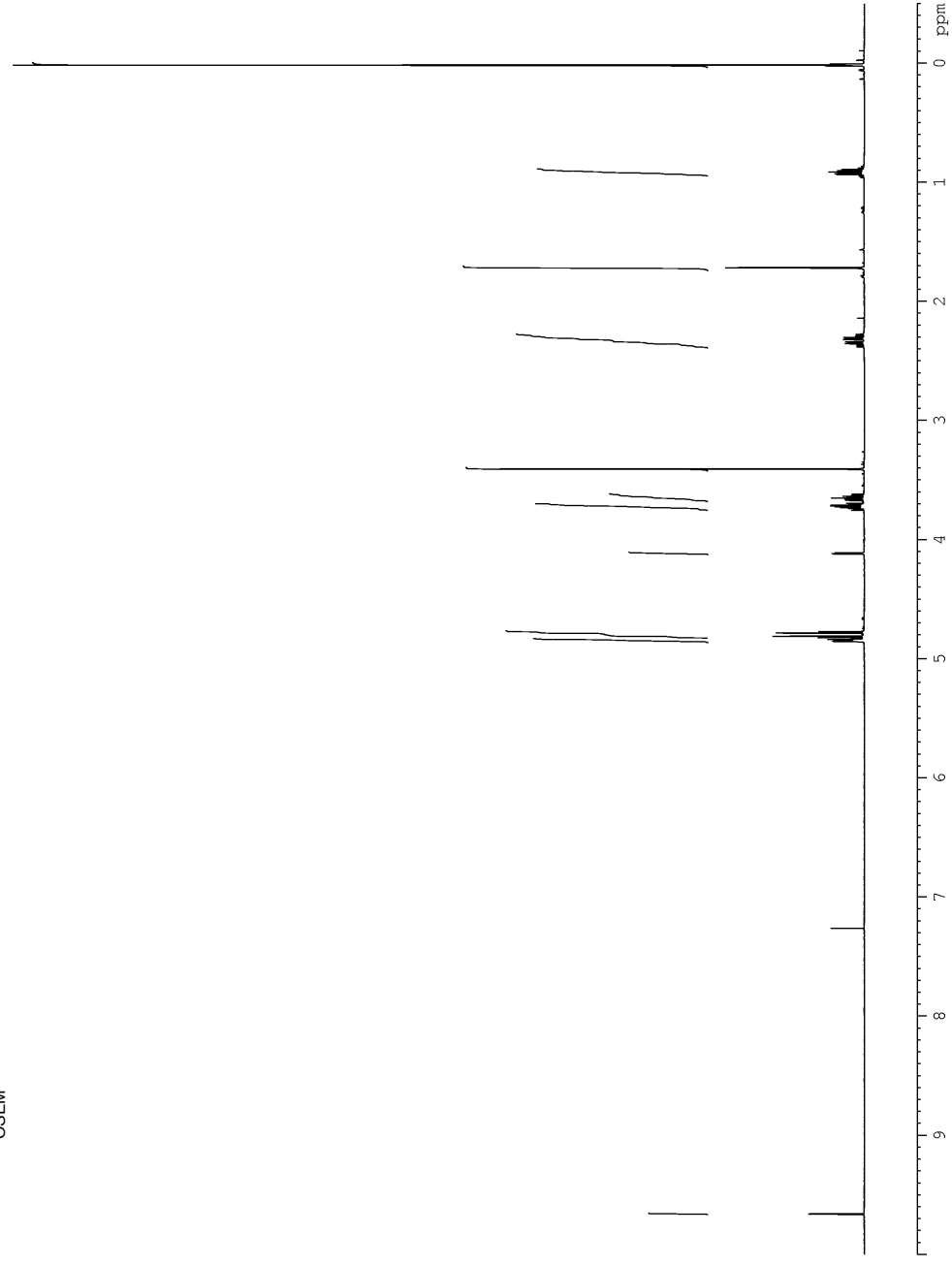
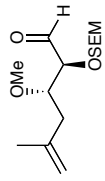


Figure 9. The ¹H NMR Spectrum of Compound (-)-**S3** in CDCl₃

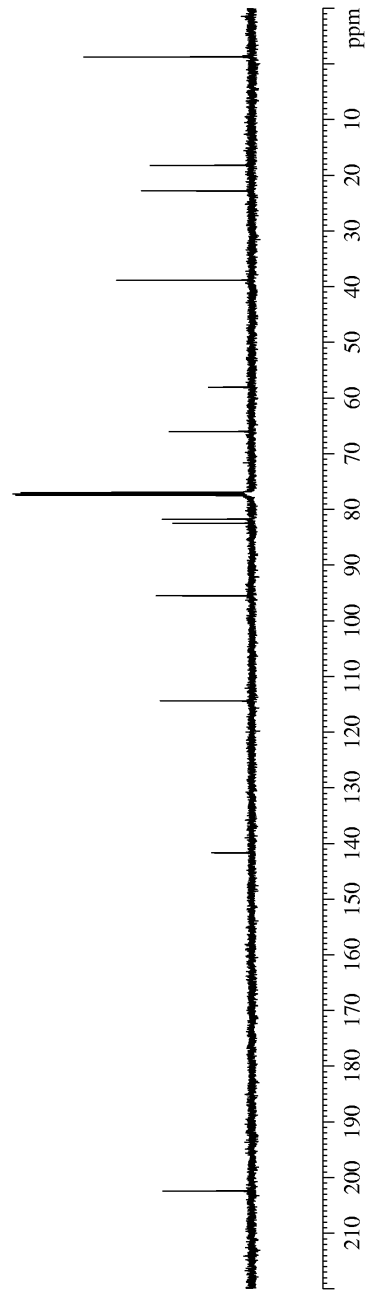
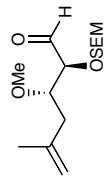


Figure 10. The ^{13}C NMR Spectrum of Compound (-)-S3 in CDCl_3 .

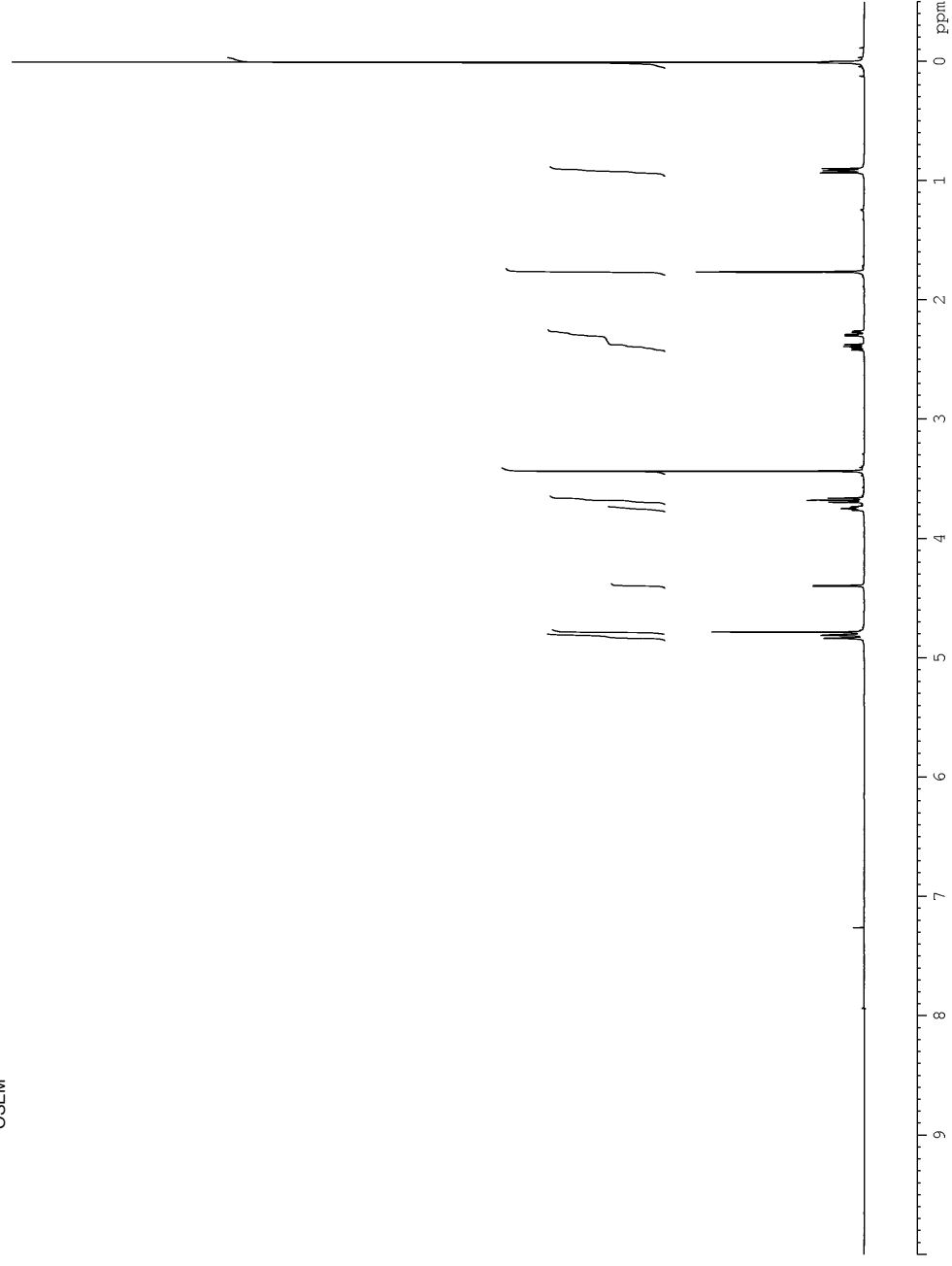
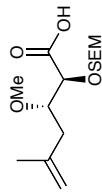


Figure 11. The ¹H NMR Spectrum of Compound (-)-2 in CDCl₃

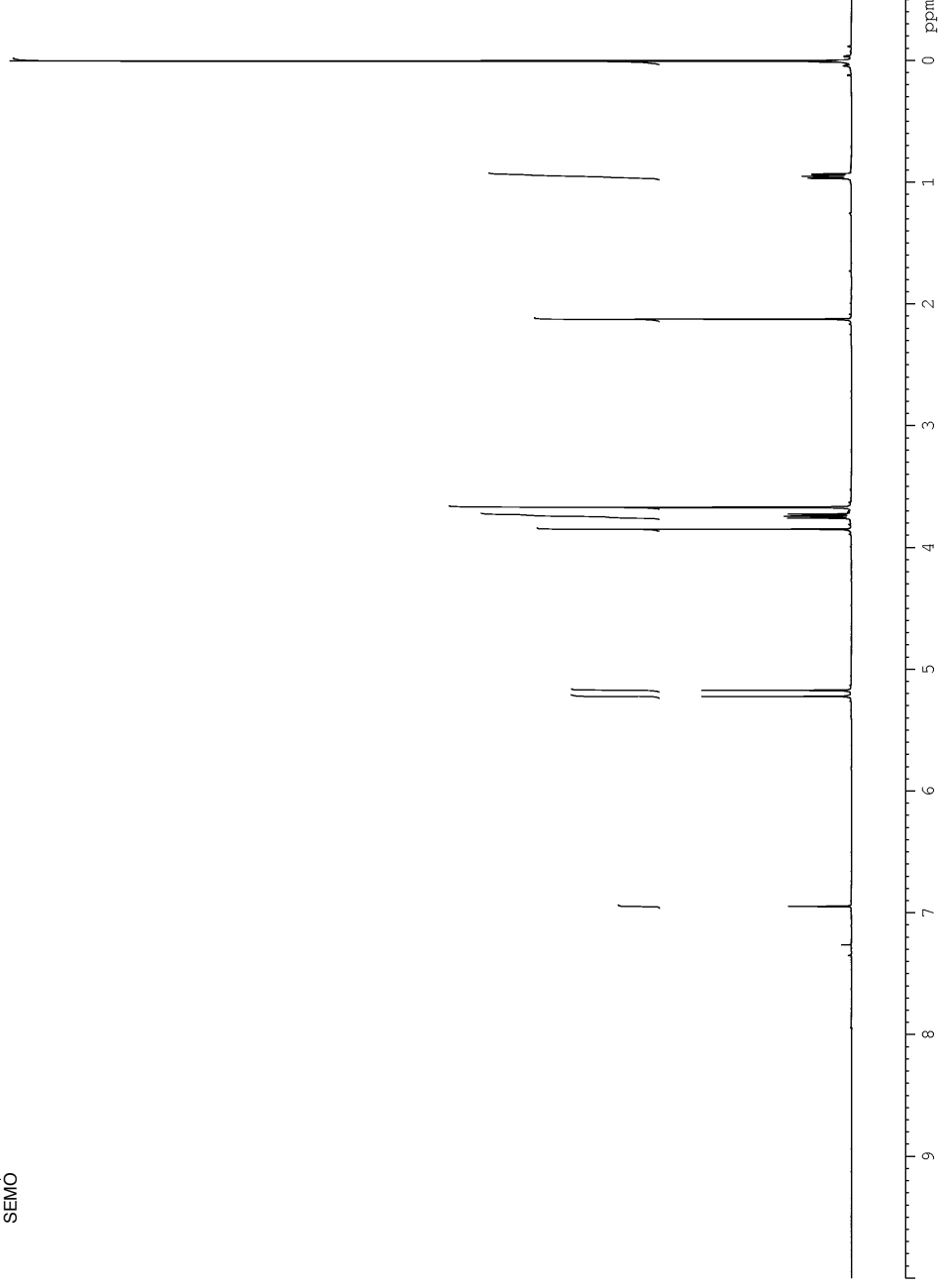
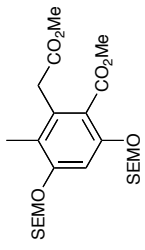


Figure 13. The ¹H NMR Spectrum of Compound S4 in CDCl₃

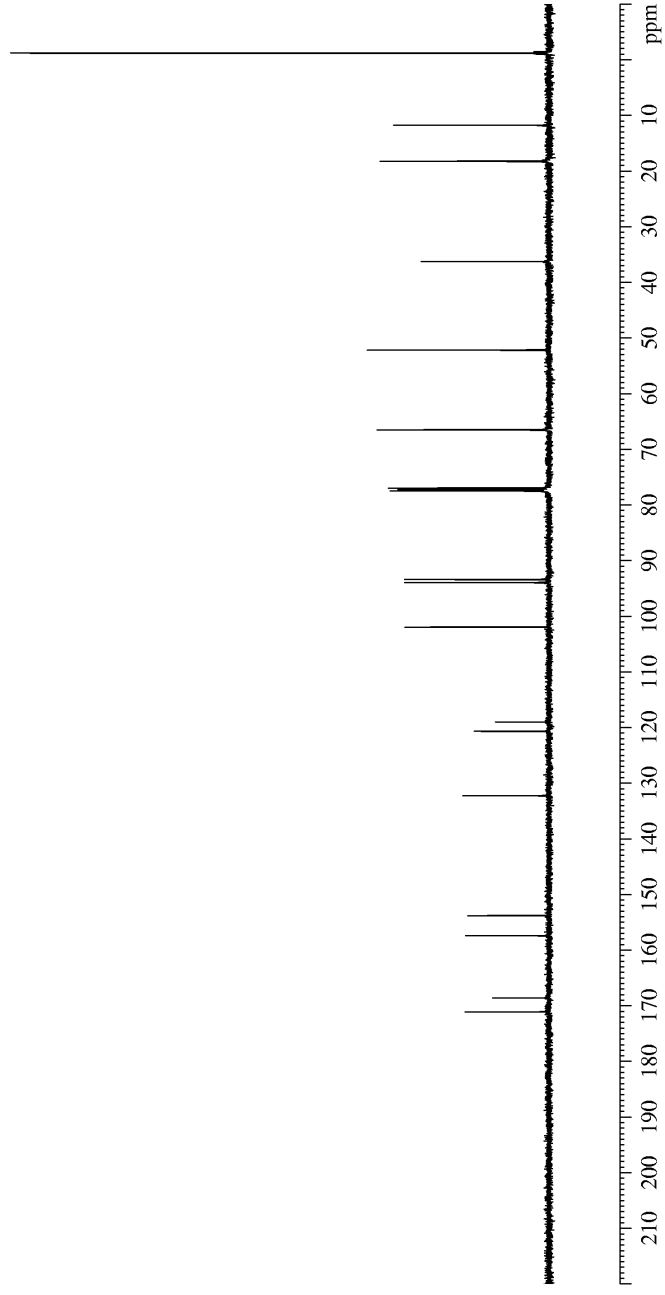
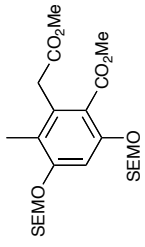


Figure 14. The ^{13}C NMR Spectrum of Compound S4 in CDCl_3

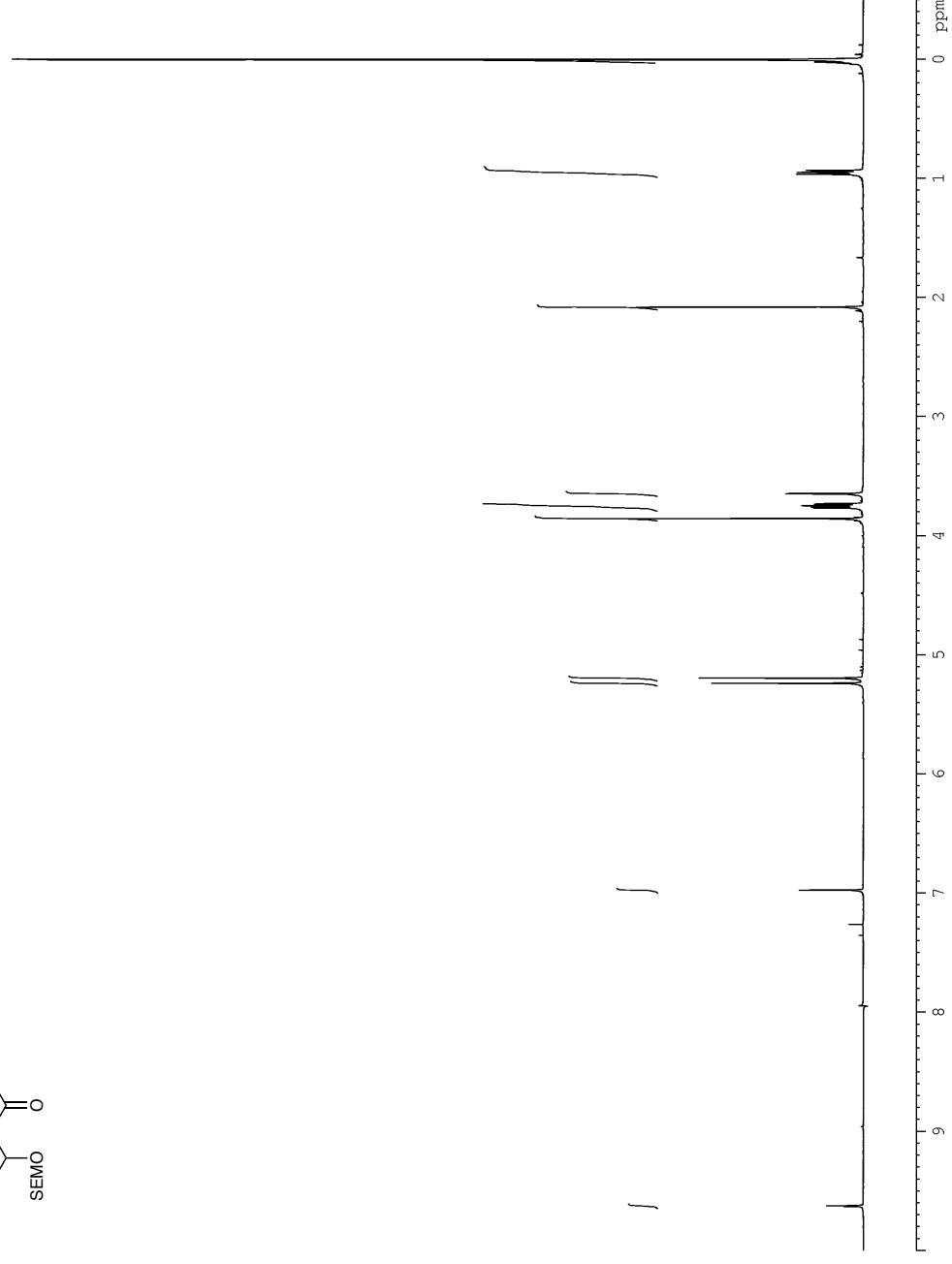
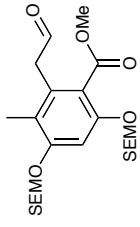


Figure 15. The ^1H NMR Spectrum of Compound 4 in CDCl_3

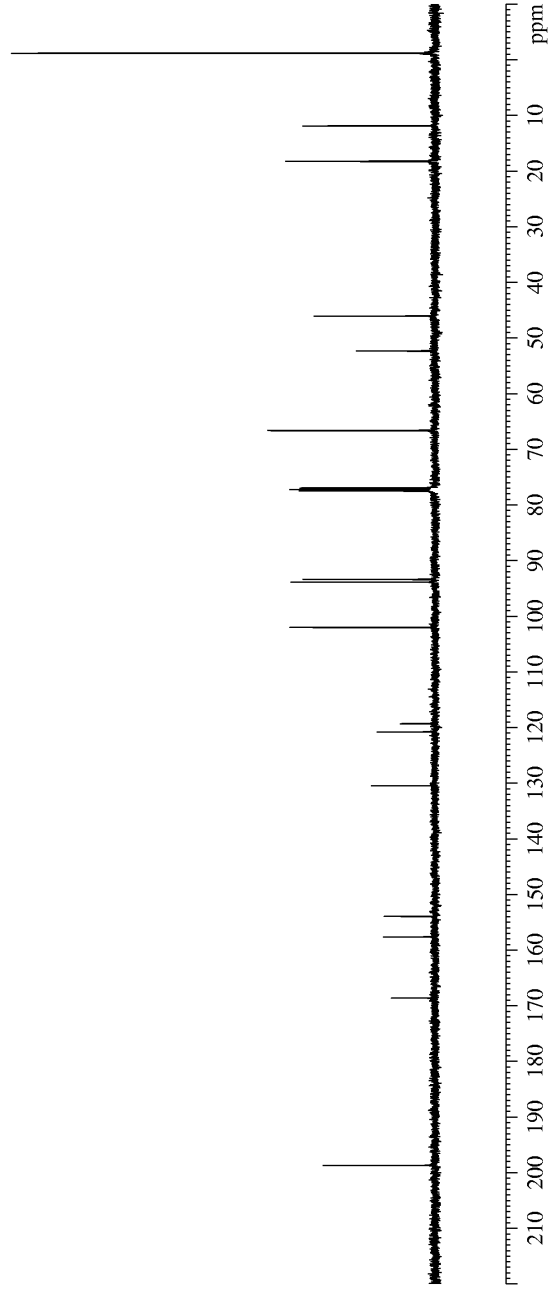
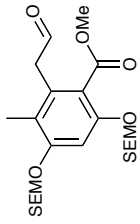


Figure 16. The ¹³C NMR Spectrum of Compound 4 in CDCl₃

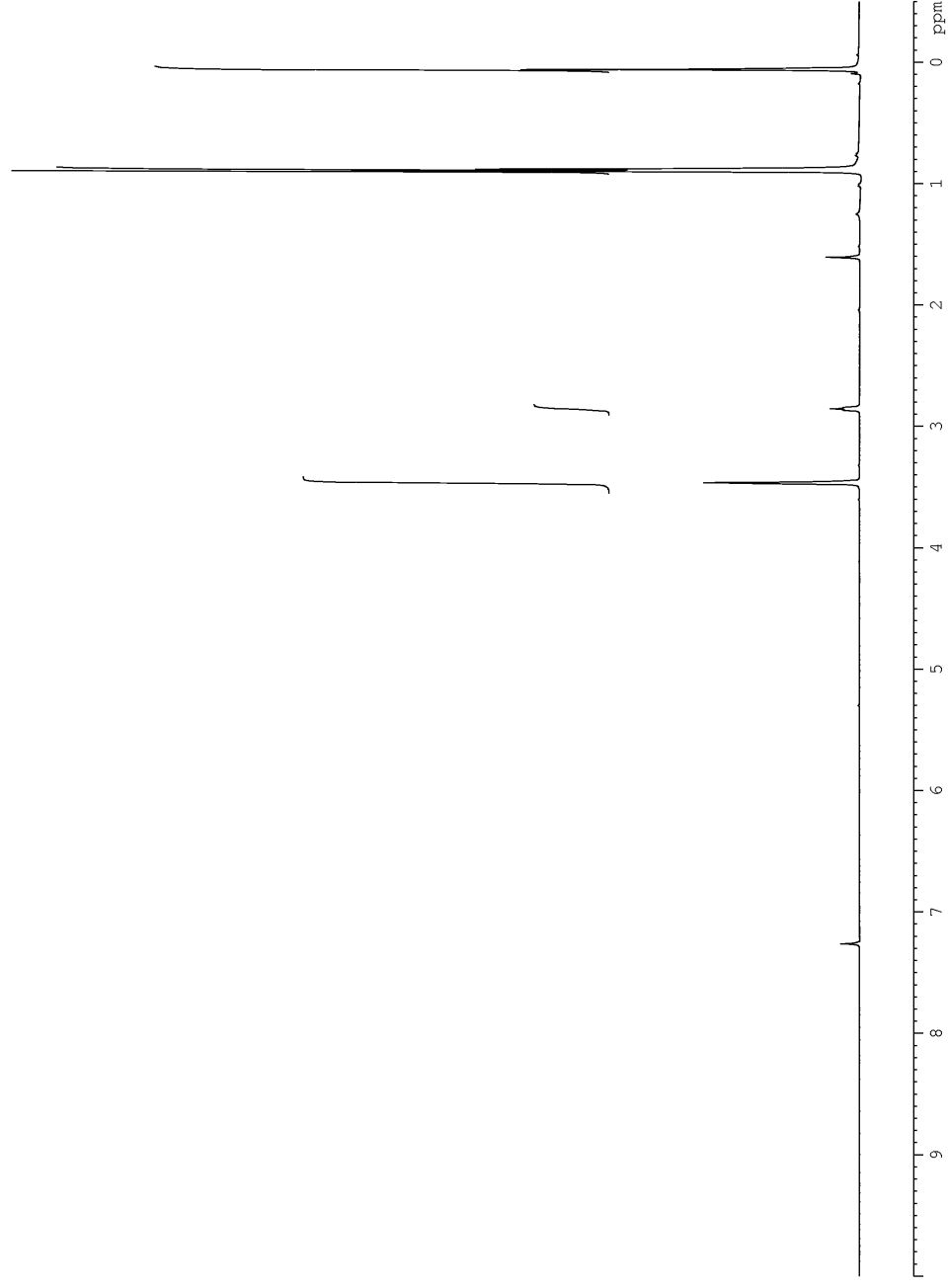


Figure 17. The ¹H NMR Spectrum of Compound **S5** in CDCl₃

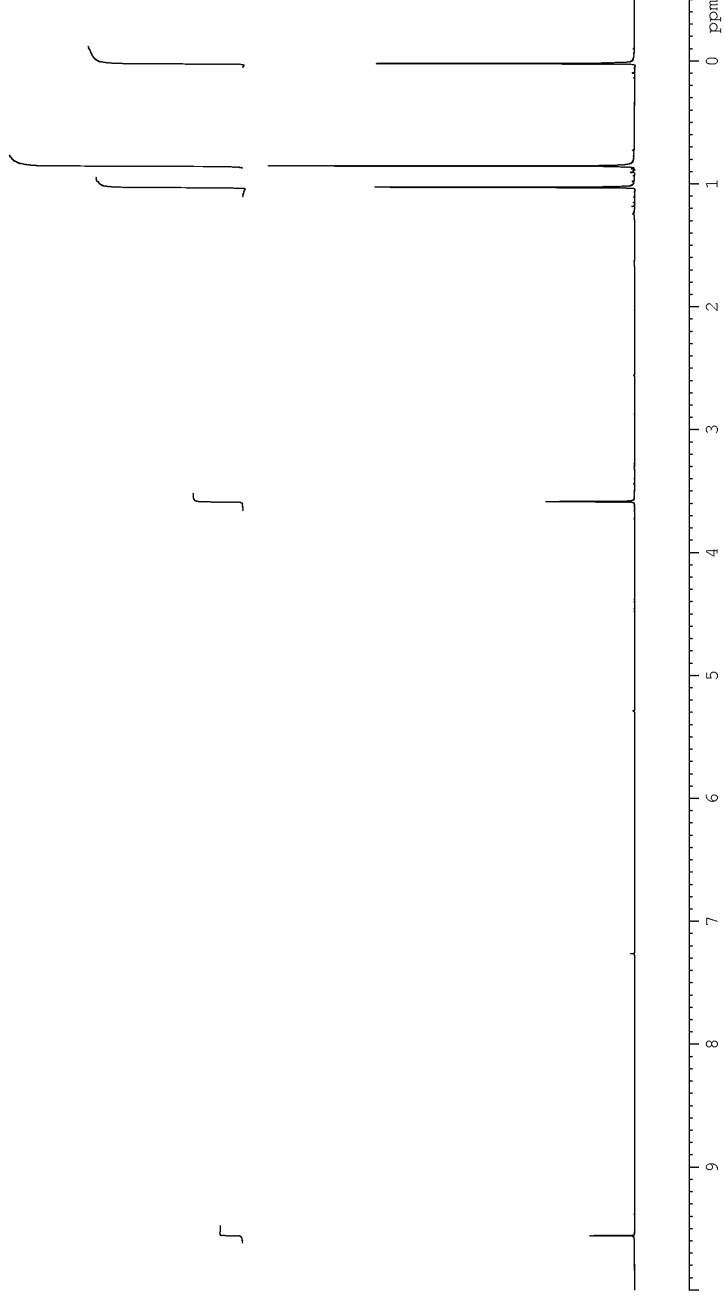
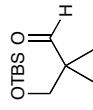


Figure 19. The ^1H NMR Spectrum of Compound **15** in CDCl_3

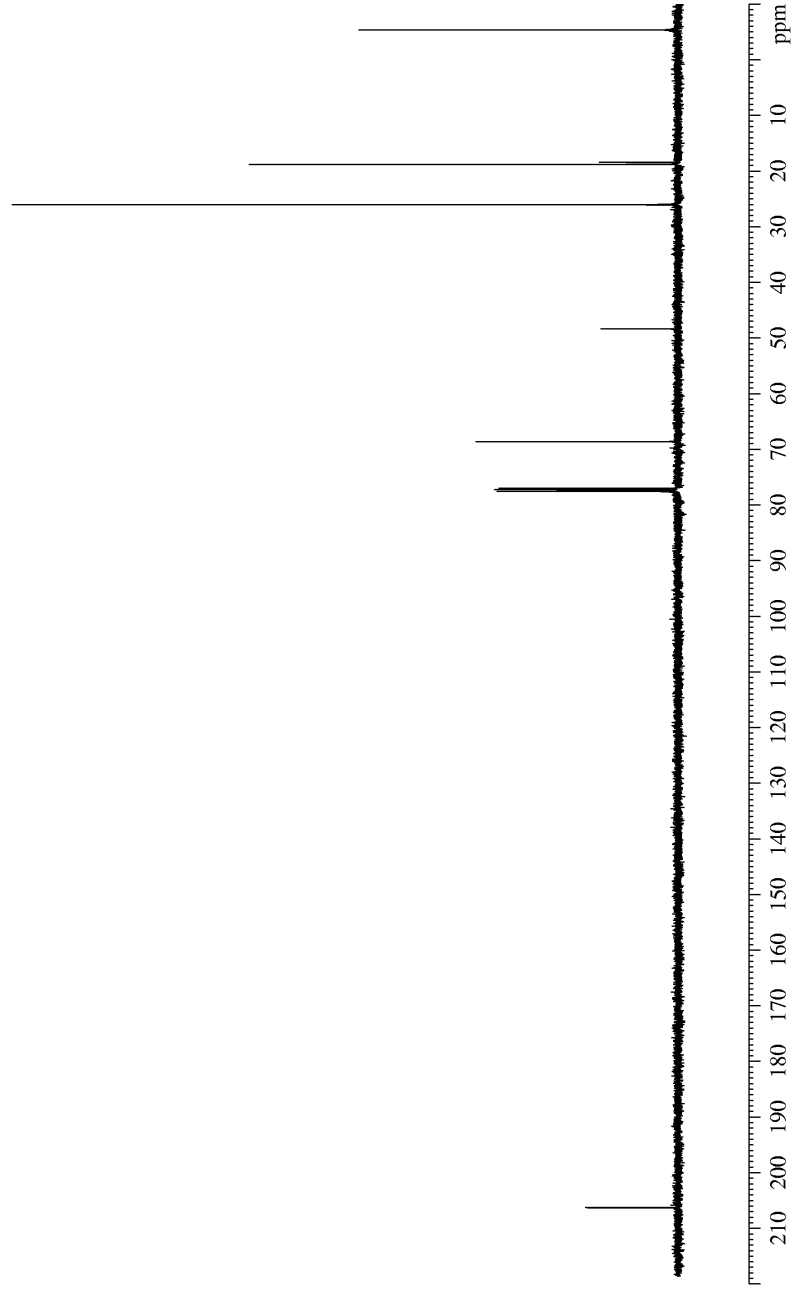
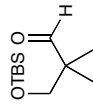


Figure 20. The ^{13}C NMR Spectrum of Compound **15** in CDCl_3

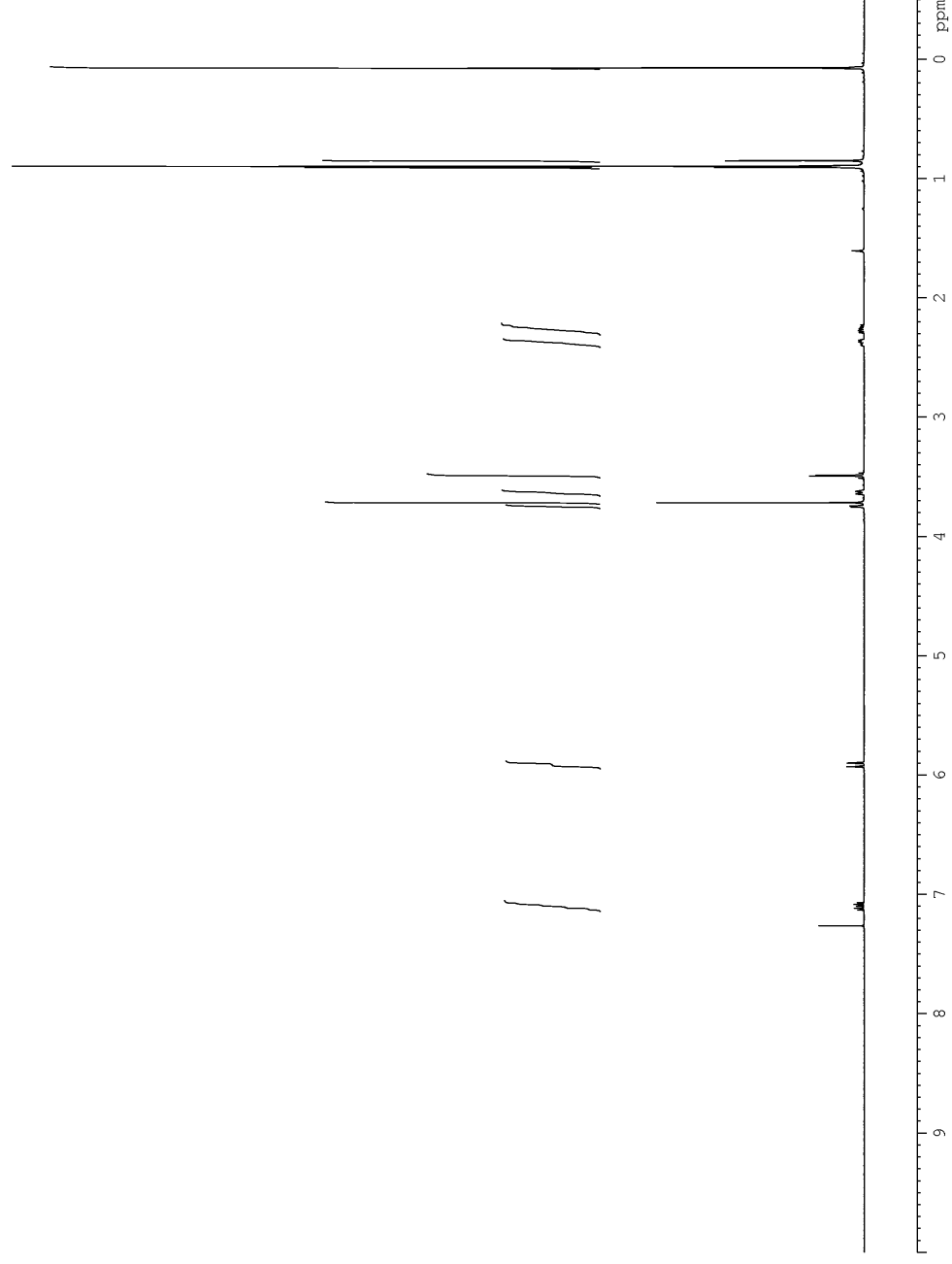
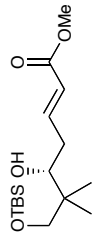


Figure 21. The ^1H NMR Spectrum of Compound (+)-9 in CDCl_3

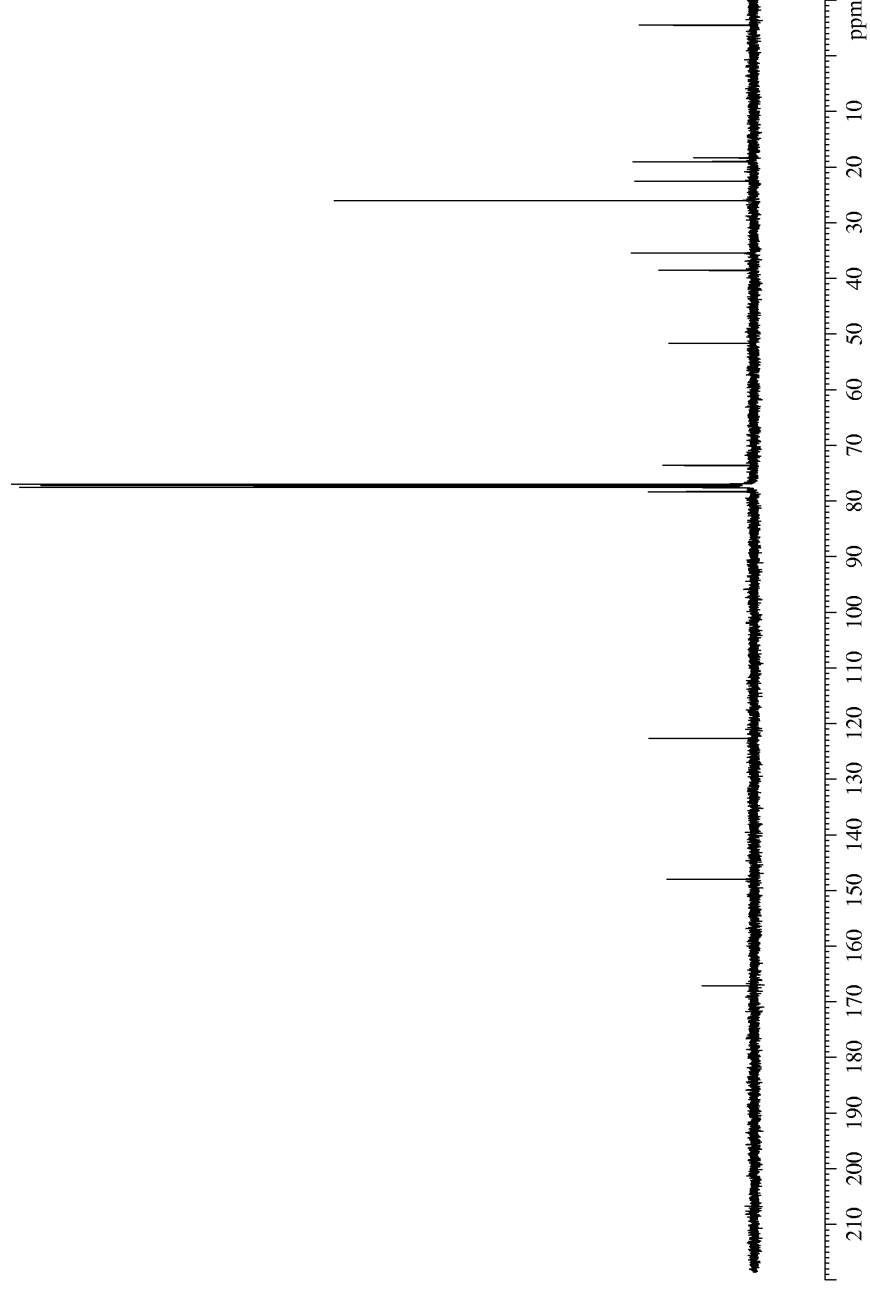
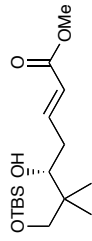


Figure 22. The ^{13}C NMR Spectrum of Compound (+)-9 in CDCl_3

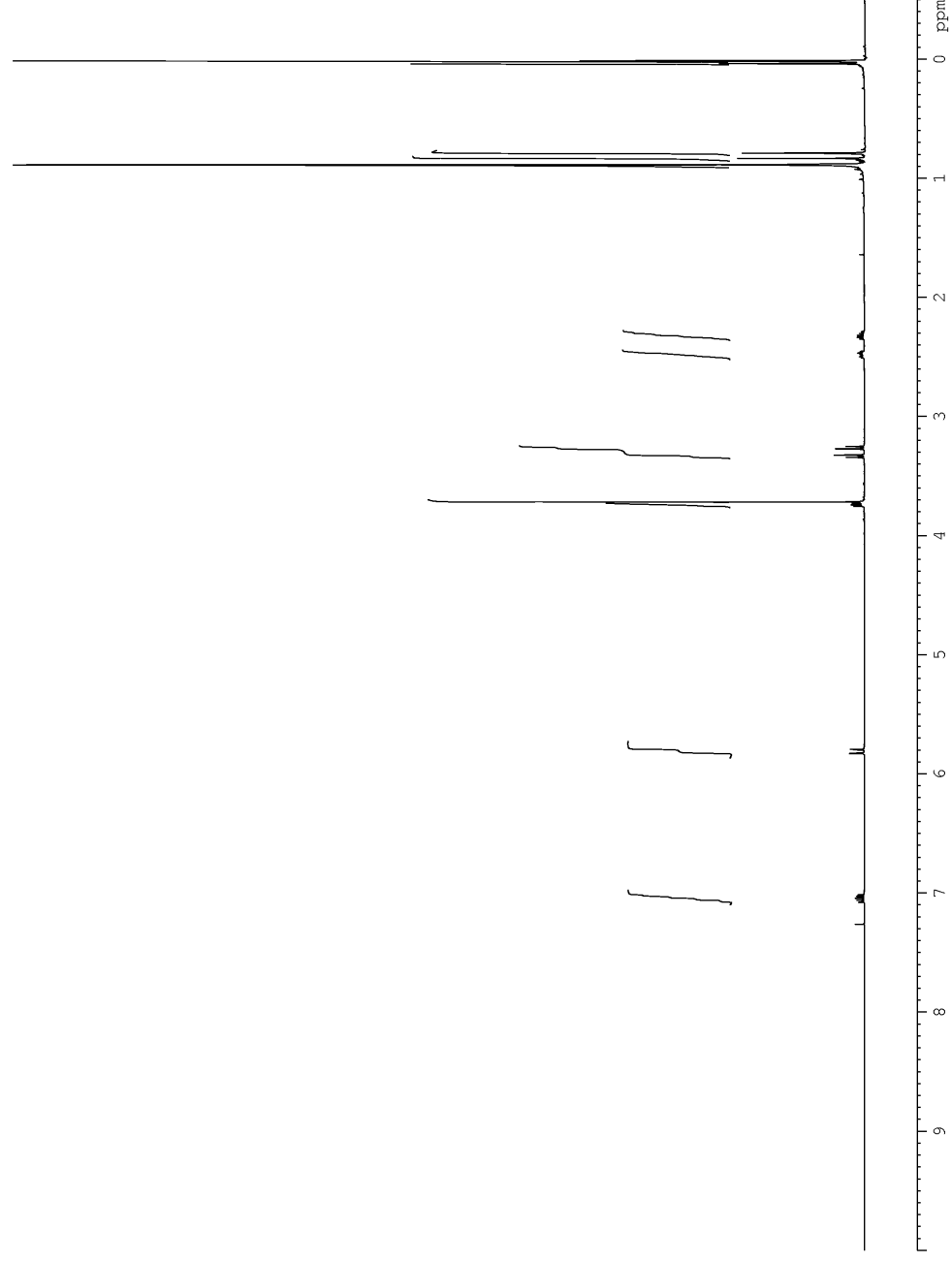
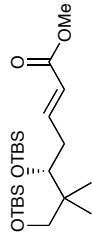


Figure 23. The ^1H NMR Spectrum of Compound (+)-S6 in CDCl_3

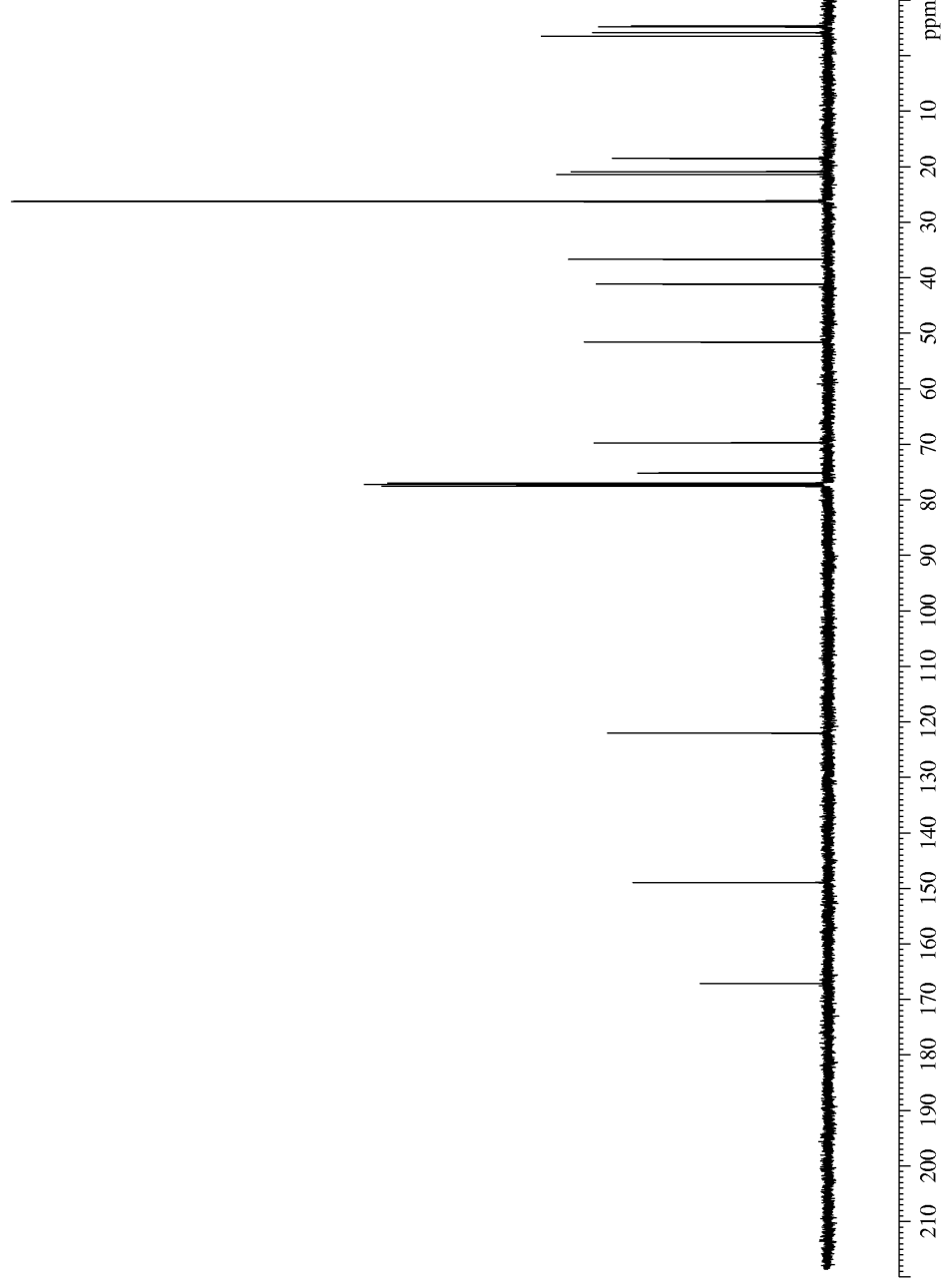
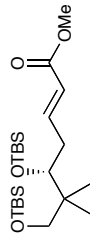


Figure 24. The ^{13}C NMR Spectrum of Compound (+)-S6 in CDCl_3

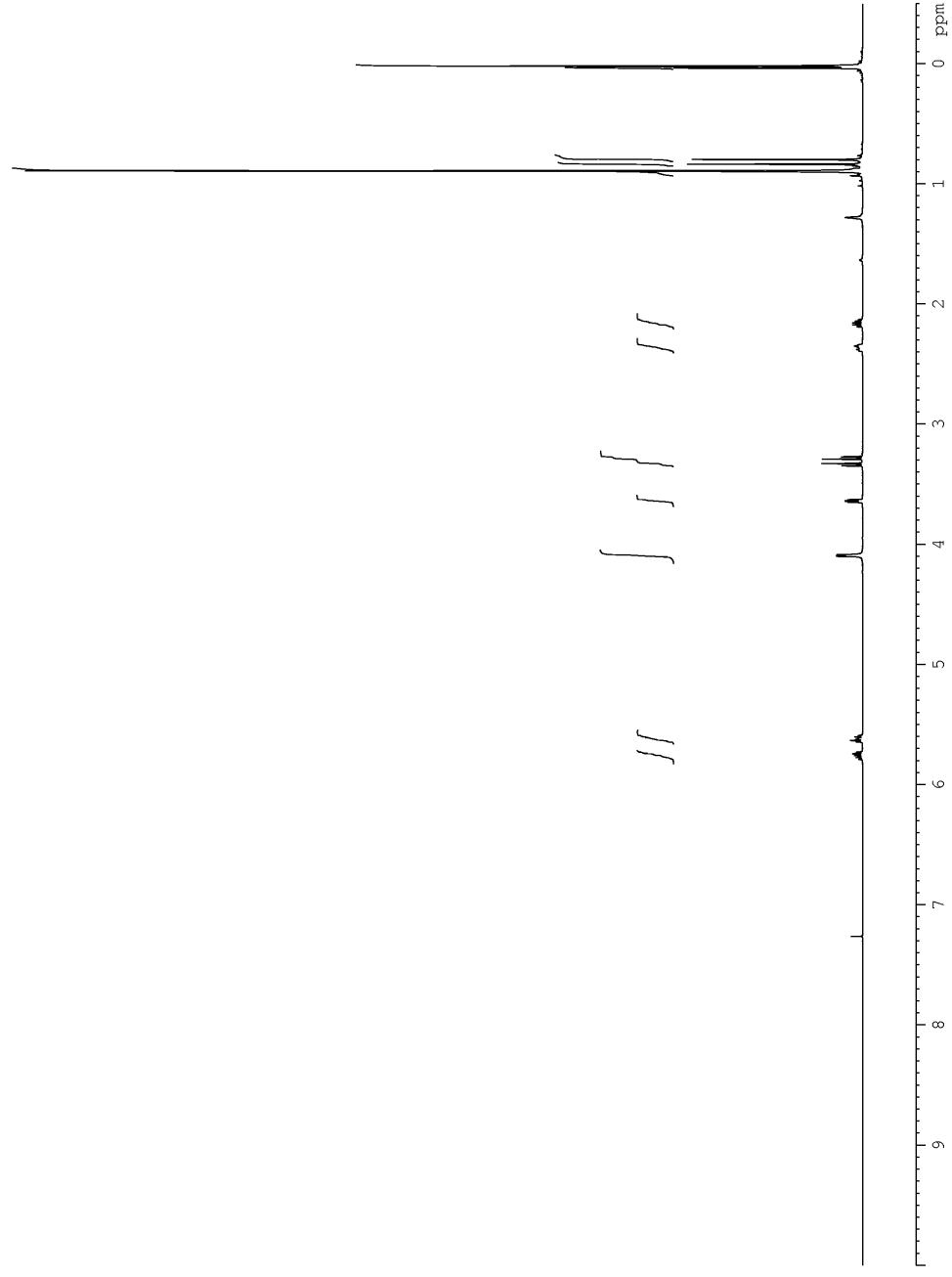


Figure 25. The ¹H NMR Spectrum of Compound (-)-S7 in CDCl₃

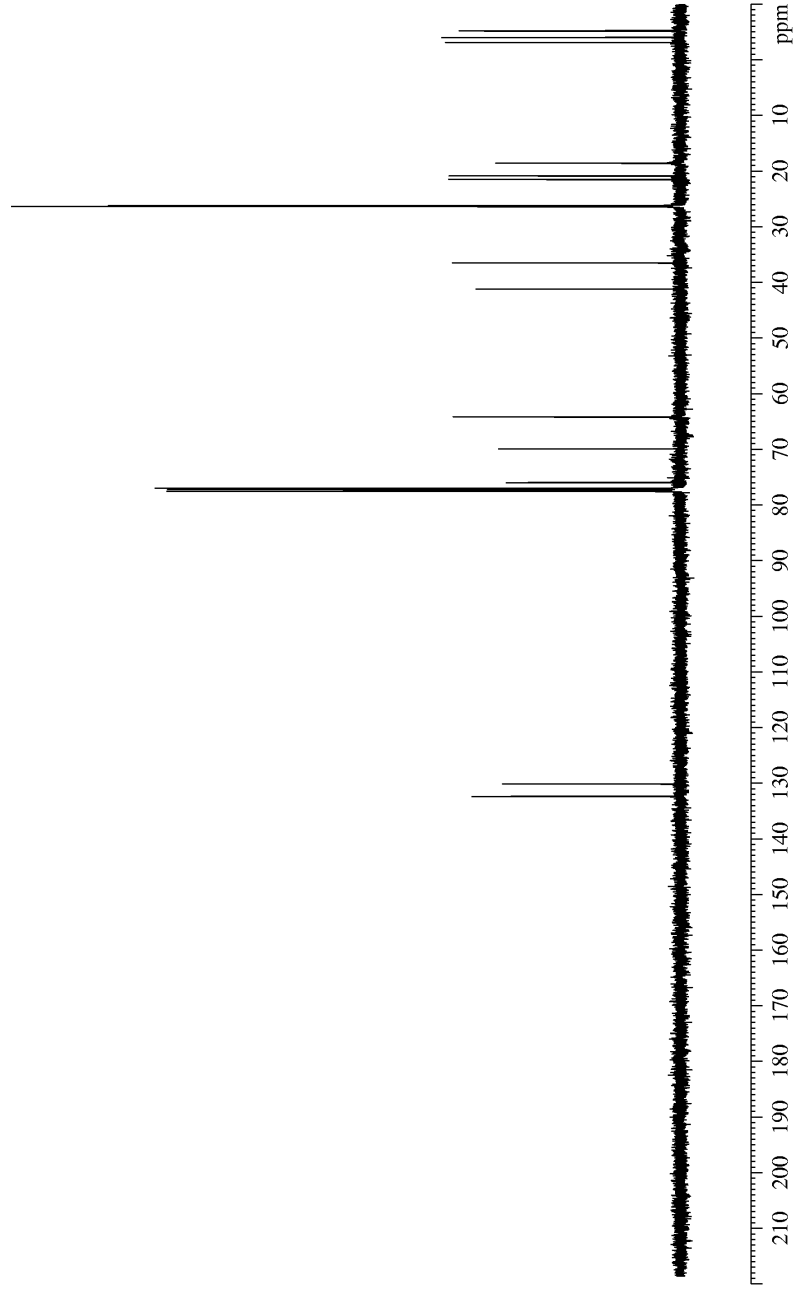
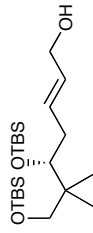


Figure 26. The ^{13}C NMR Spectrum of Compound (-)-S7 in CDCl_3 .

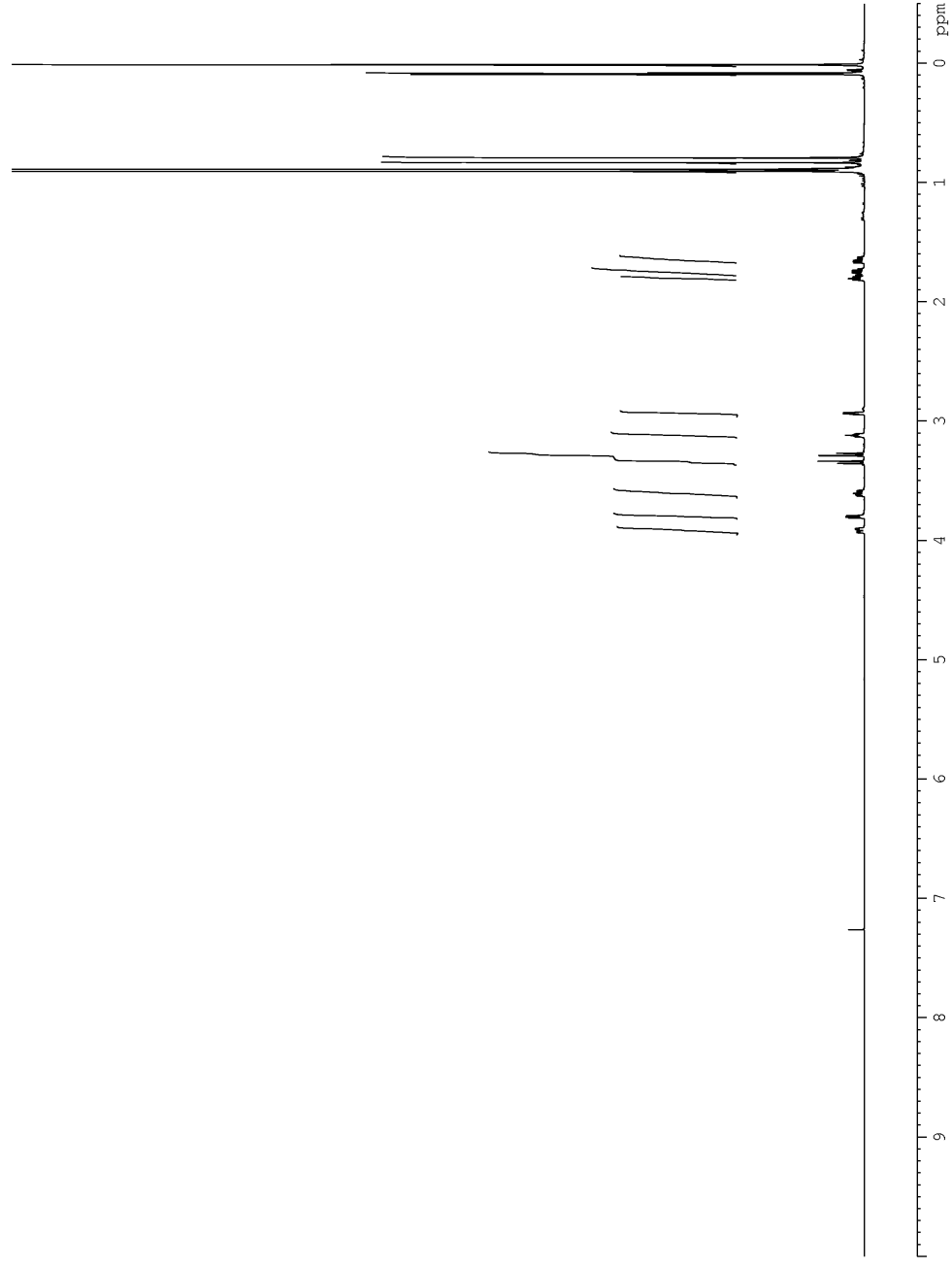
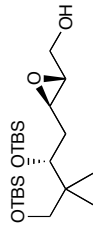


Figure 27. The ¹H NMR Spectrum of Compound (+)-17 in CDCl₃

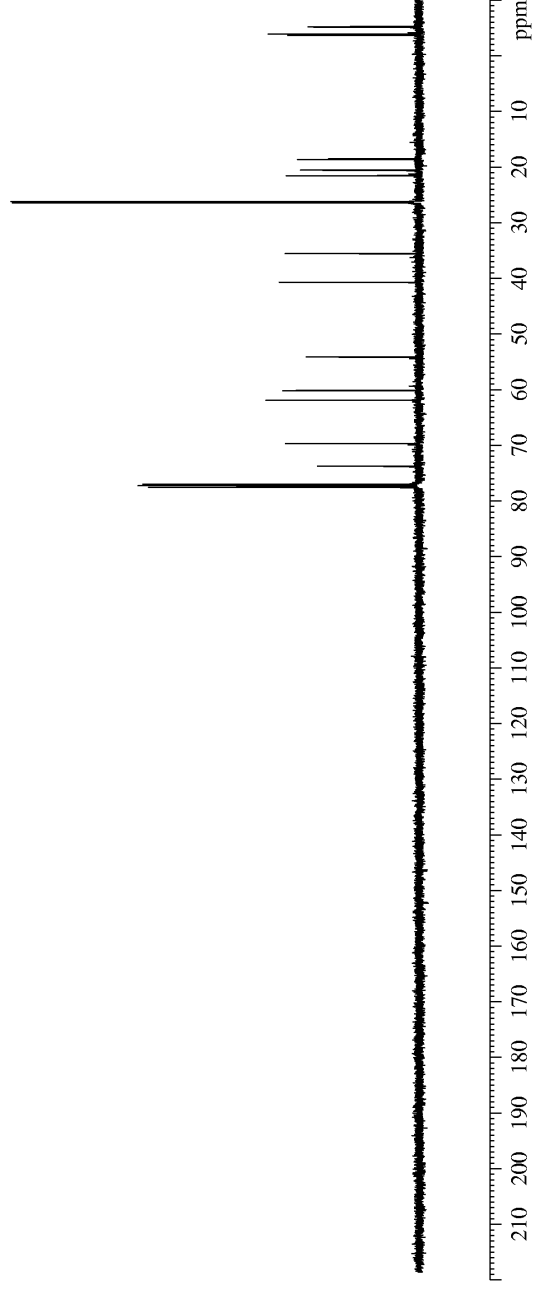


Figure 28. The ^{13}C NMR Spectrum of Compound (+)-17 in CDCl_3 .

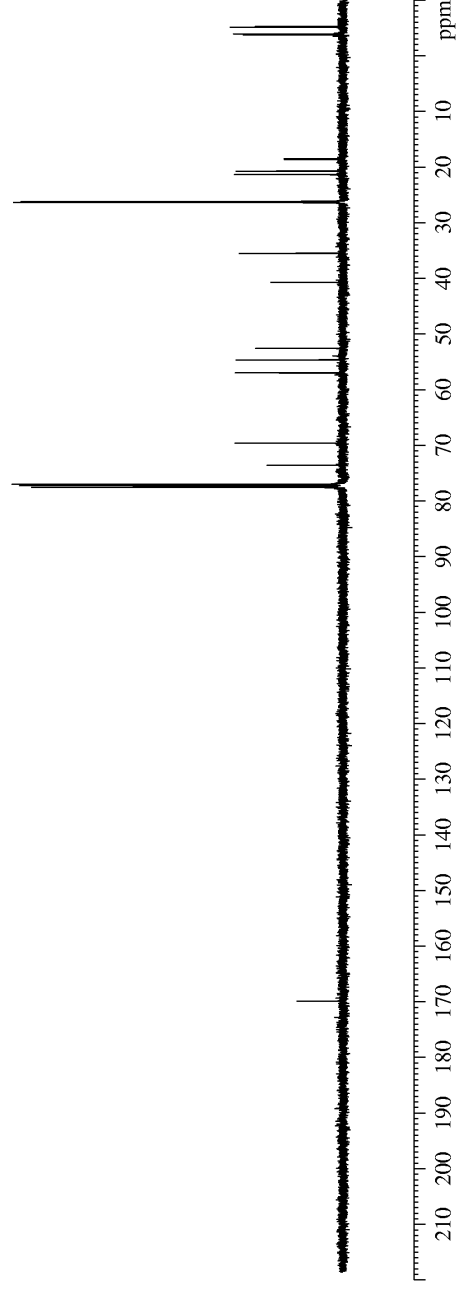
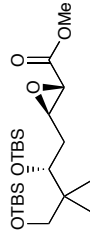


Figure 30. The ^{13}C NMR Spectrum of Compound (+)-18 in CDCl_3

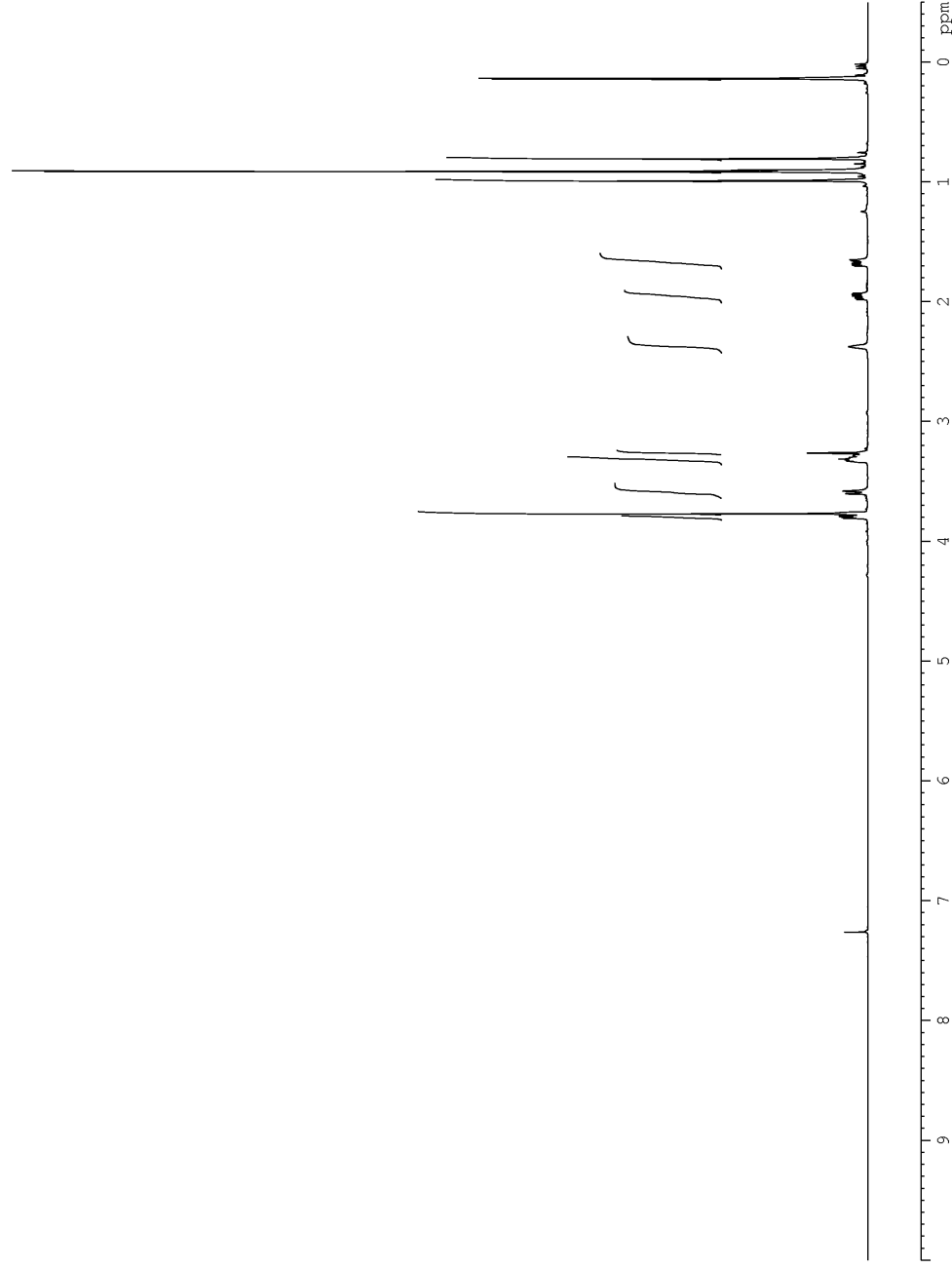
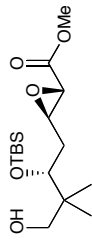


Figure 31. The ¹H NMR Spectrum of Compound (+)-19 in CDCl₃

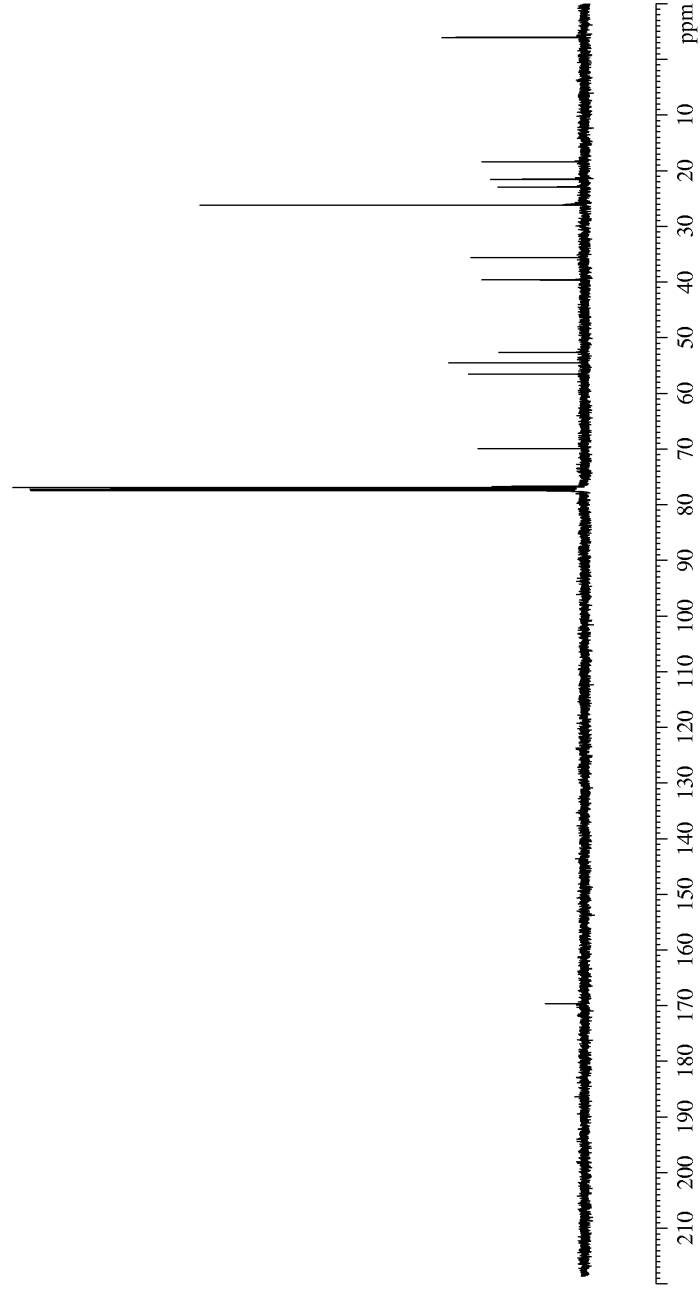
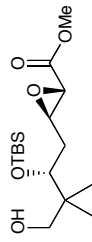


Figure 32. The ^{13}C NMR Spectrum of Compound (+)-19 in CDCl_3

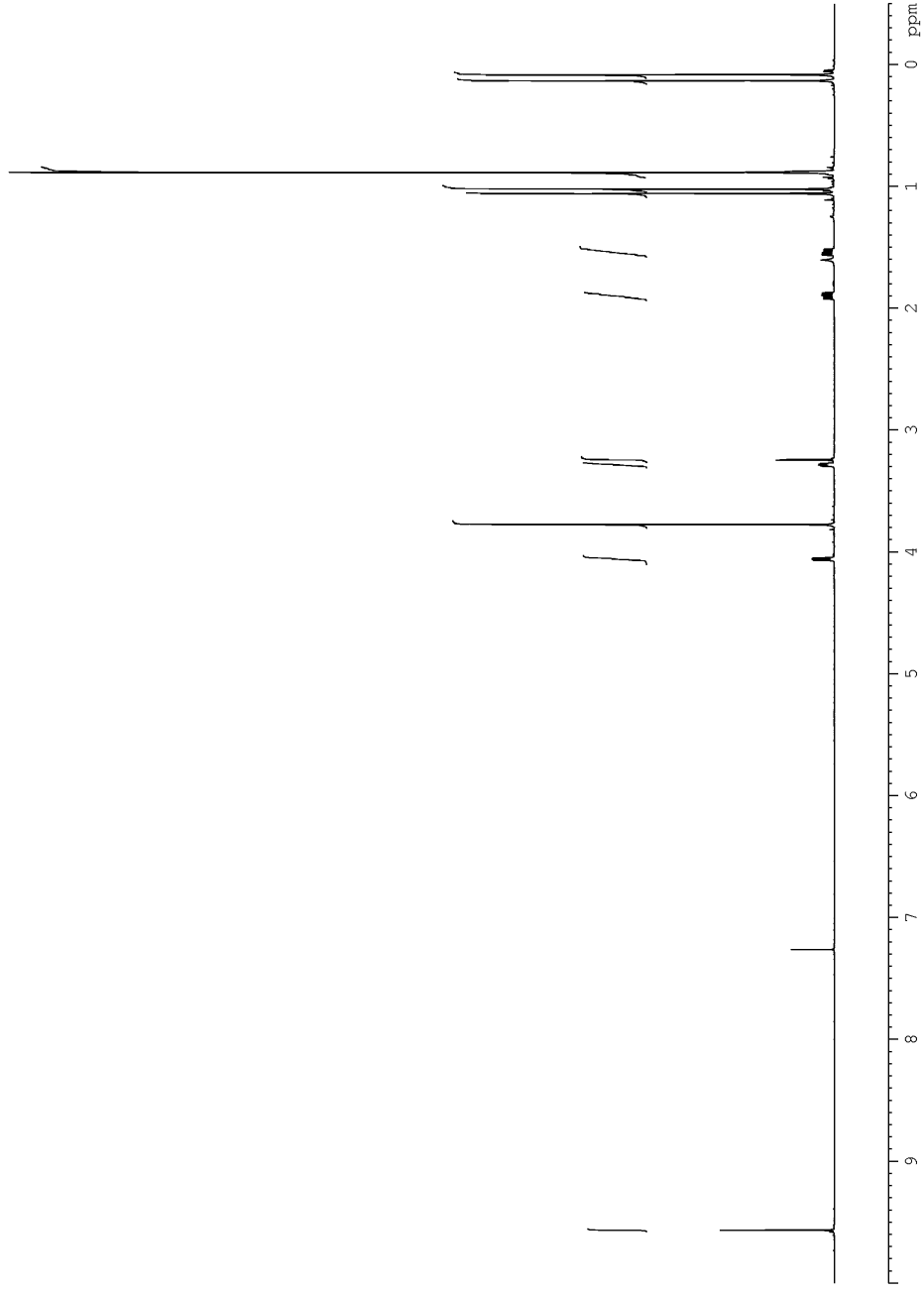


Figure 33. The ^1H NMR Spectrum of Compound (+)-20 in CDCl_3

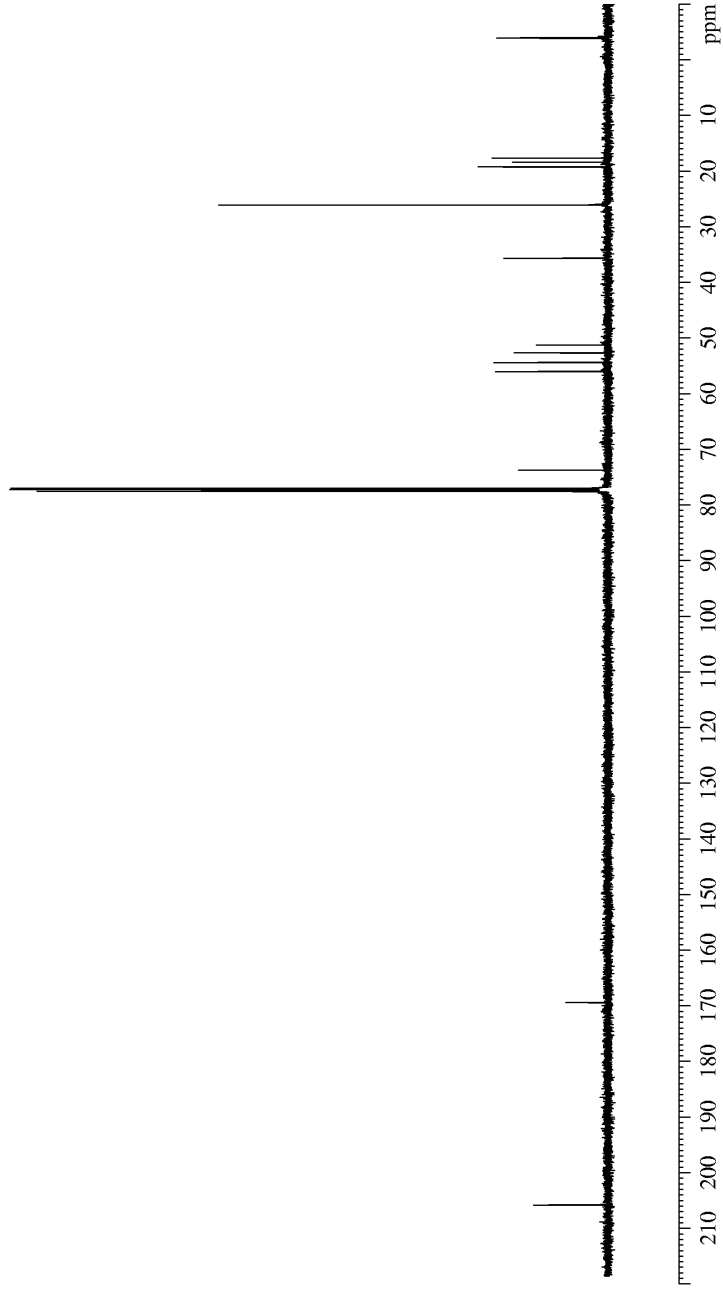


Figure 34. The ^{13}C NMR Spectrum of Compound (+)-**20** in CDCl_3

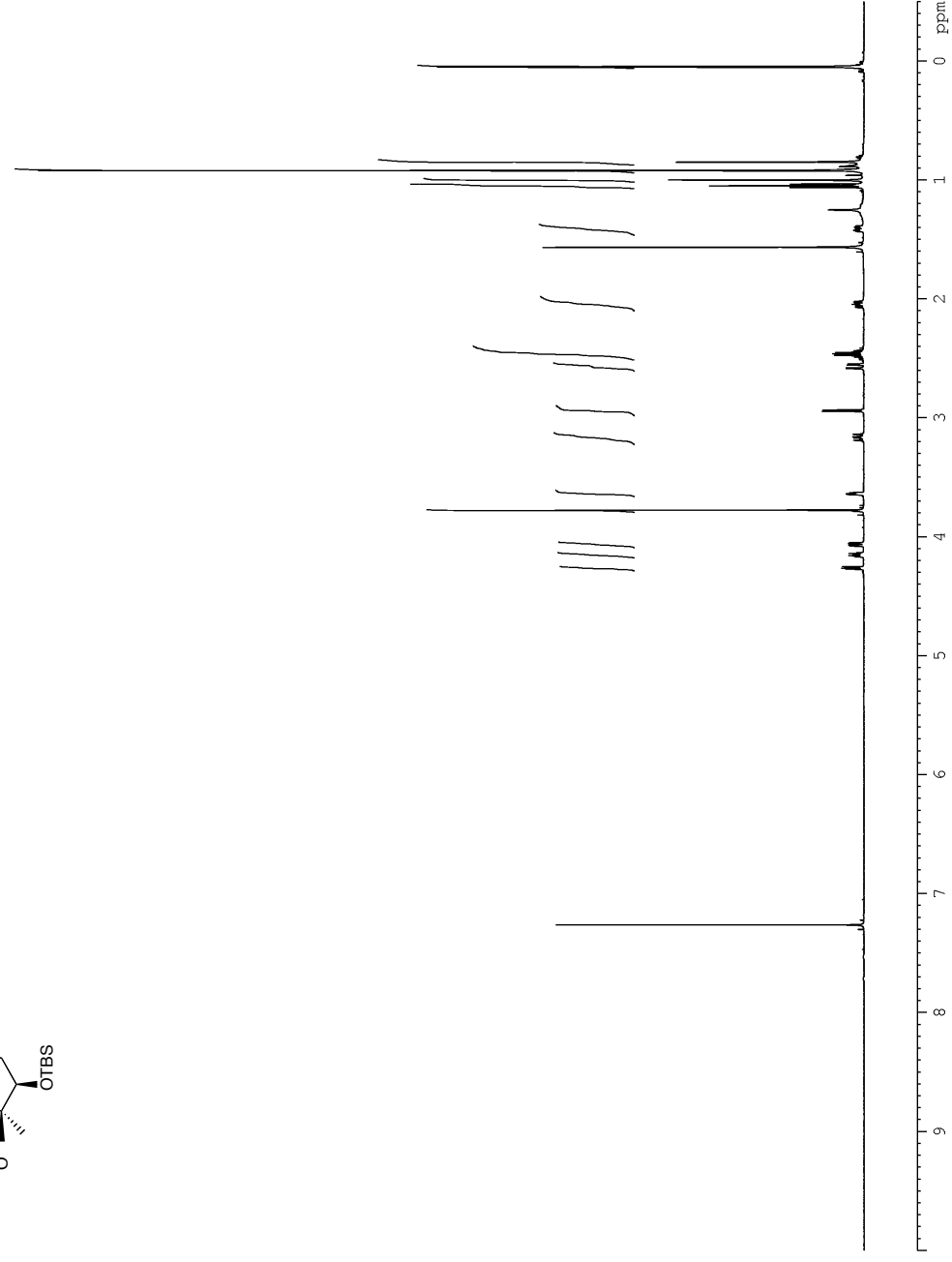
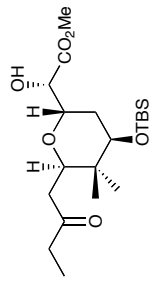


Figure 35. The ¹H NMR Spectrum of Compound (+)-22 in CDCl₃

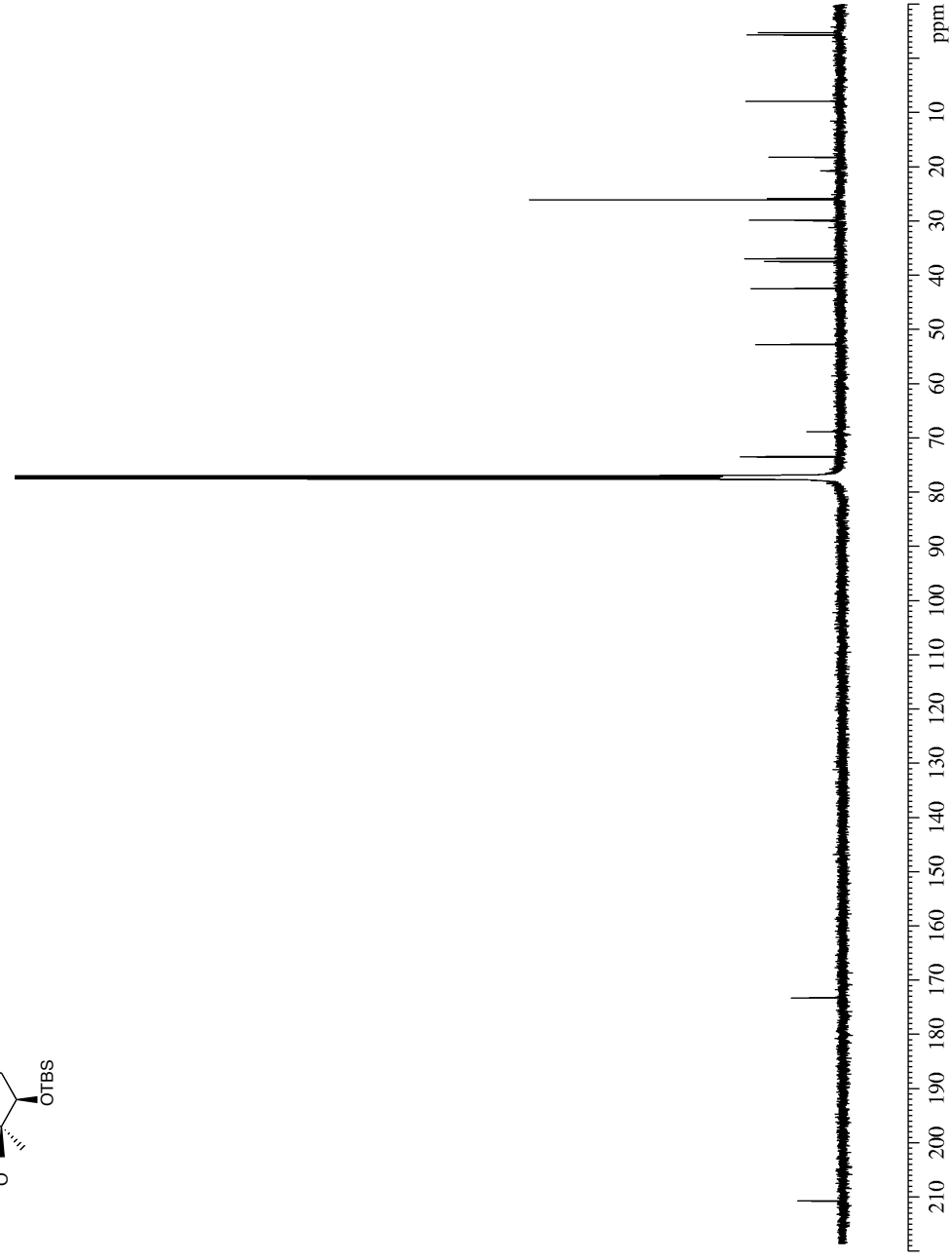
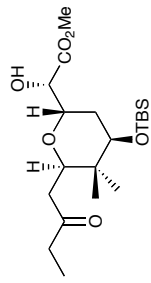


Figure 36. The ^{13}C NMR Spectrum of Compound (+)-22 in CDCl_3

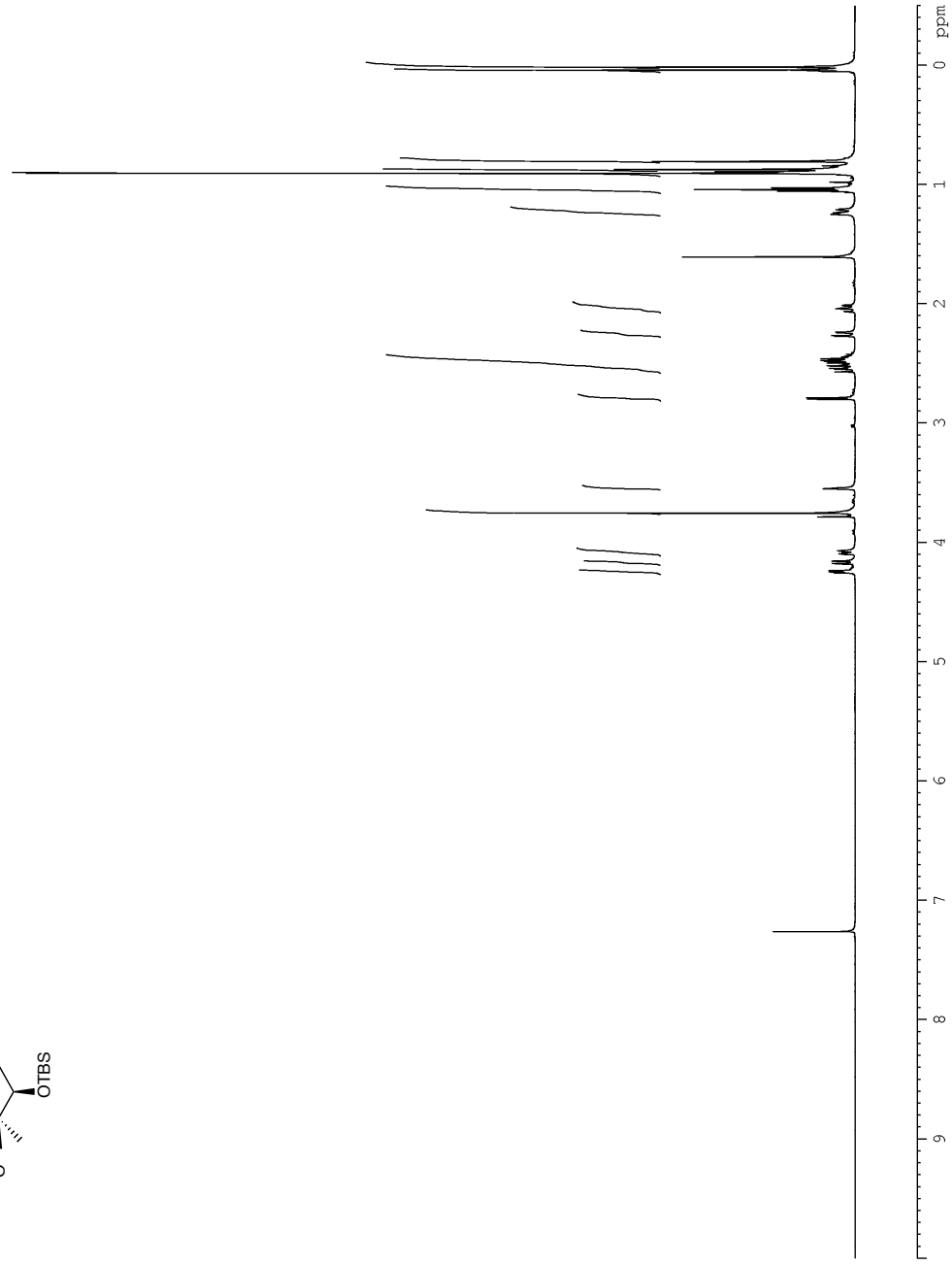
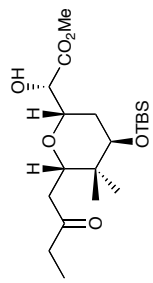


Figure 37. The ^1H NMR Spectrum of Compound (-)-23 in CDCl_3

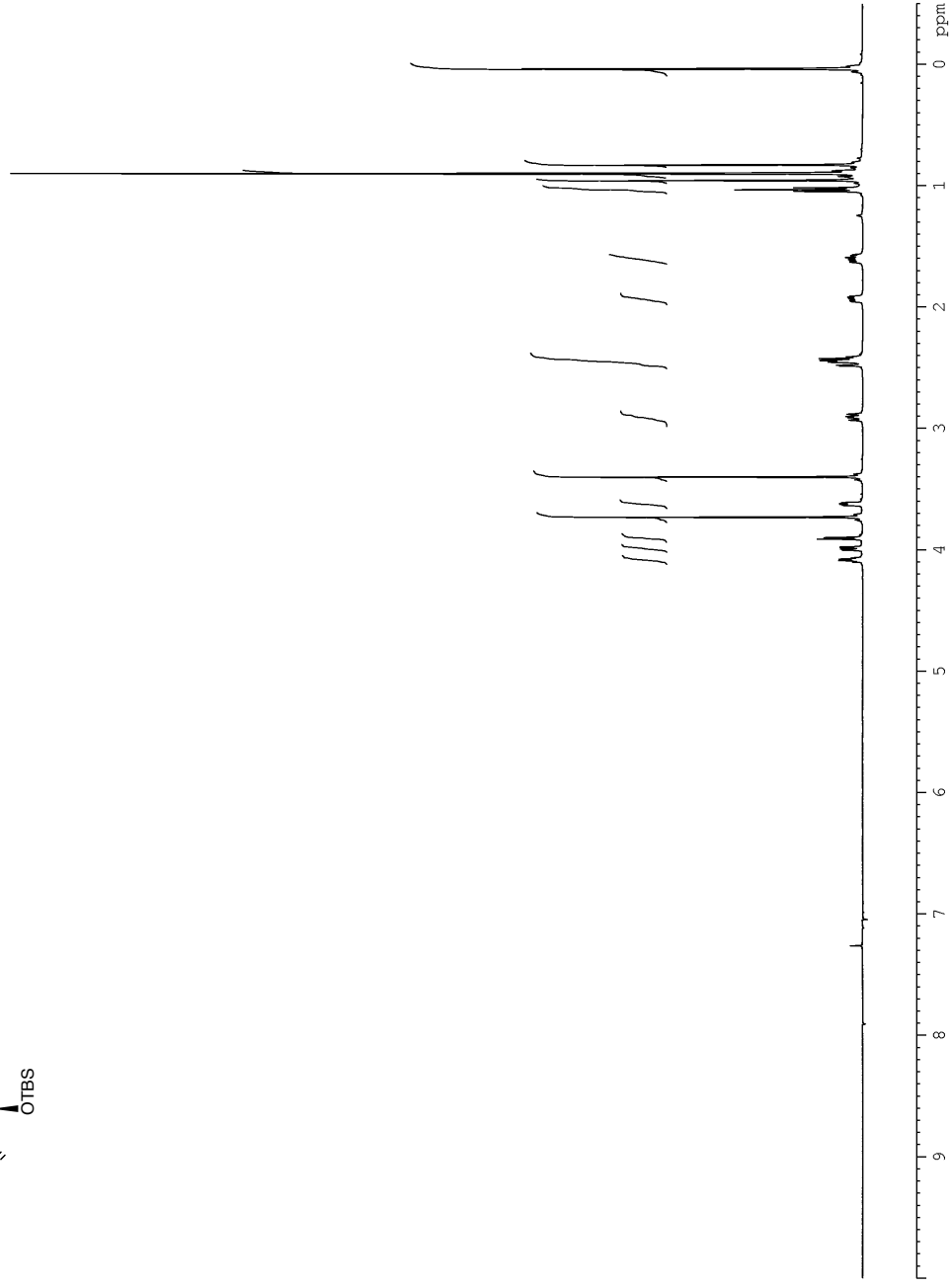
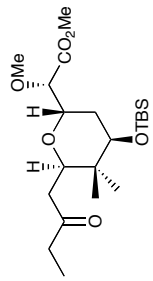


Figure 39. The ^1H NMR Spectrum of Compound (+)-5 in CDCl_3

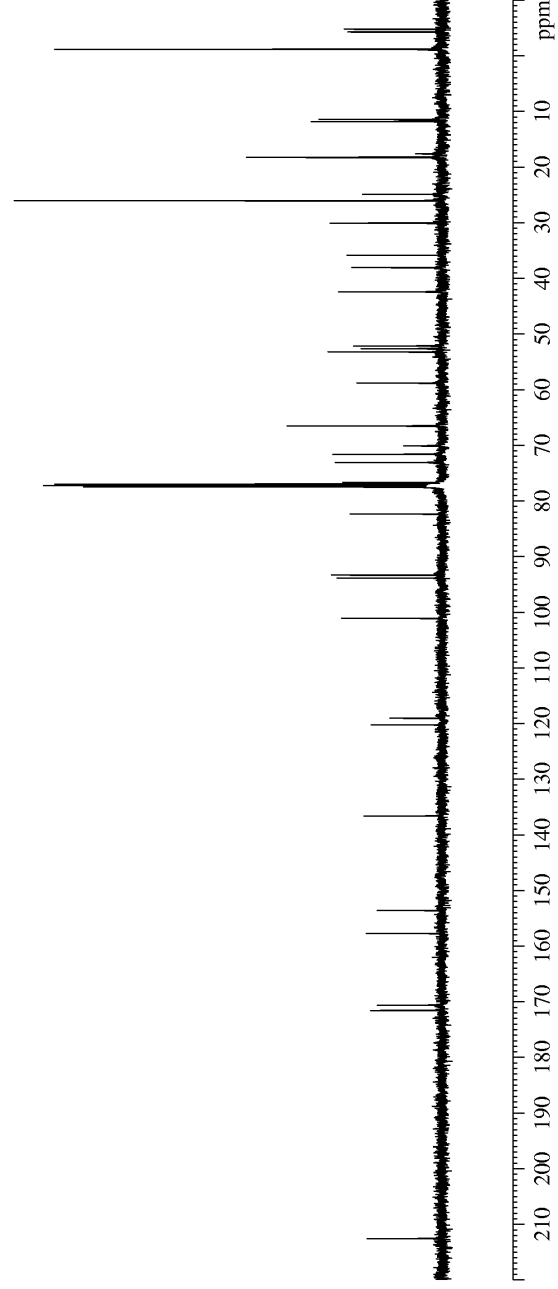
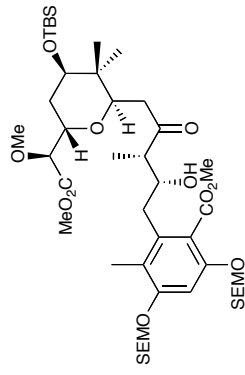


Figure 42. The ^{13}C NMR Spectrum of Compound (+)-24 in CDCl_3

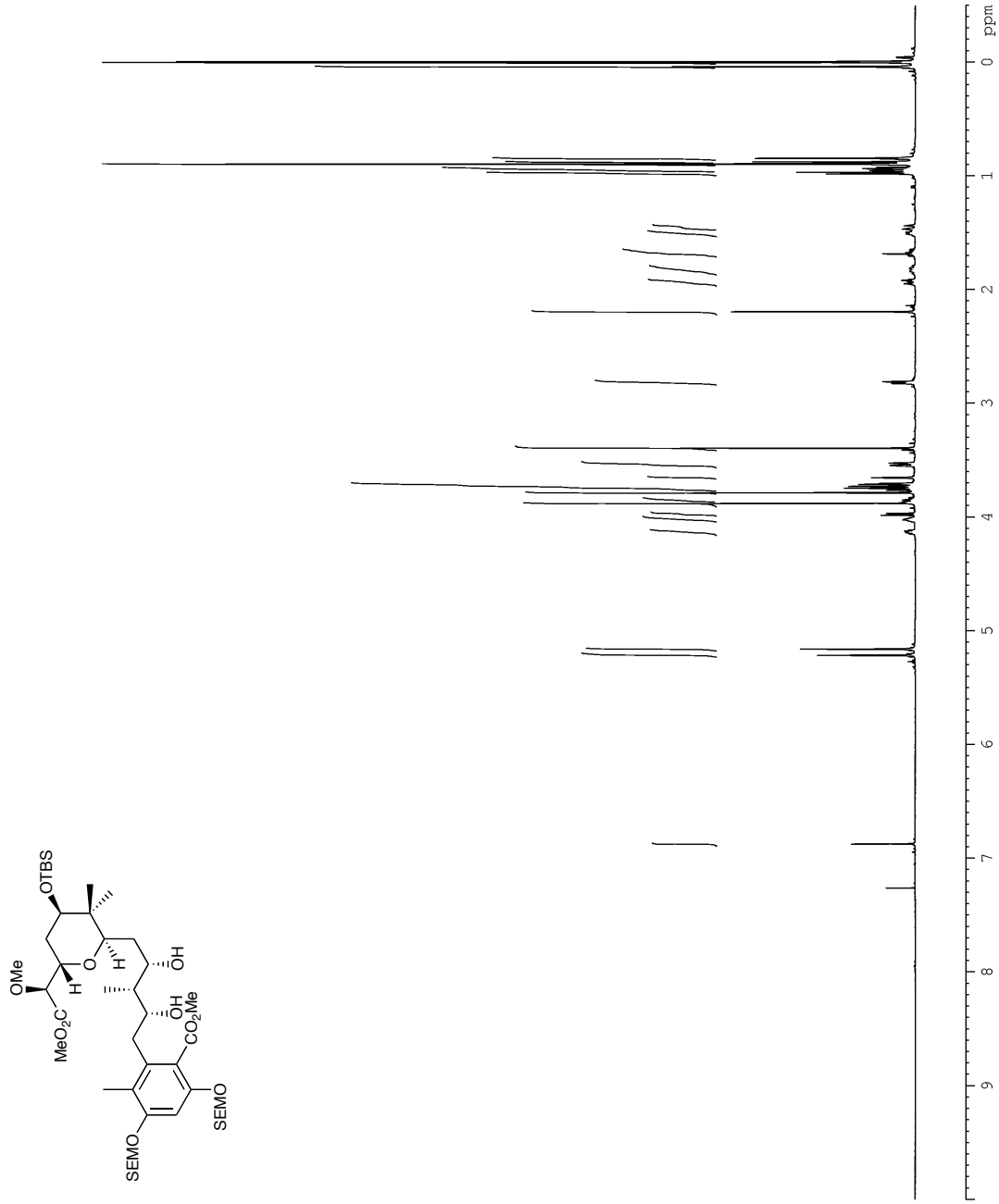


Figure 43. The ¹H NMR Spectrum of Compound (+)-S8 in CDCl₃

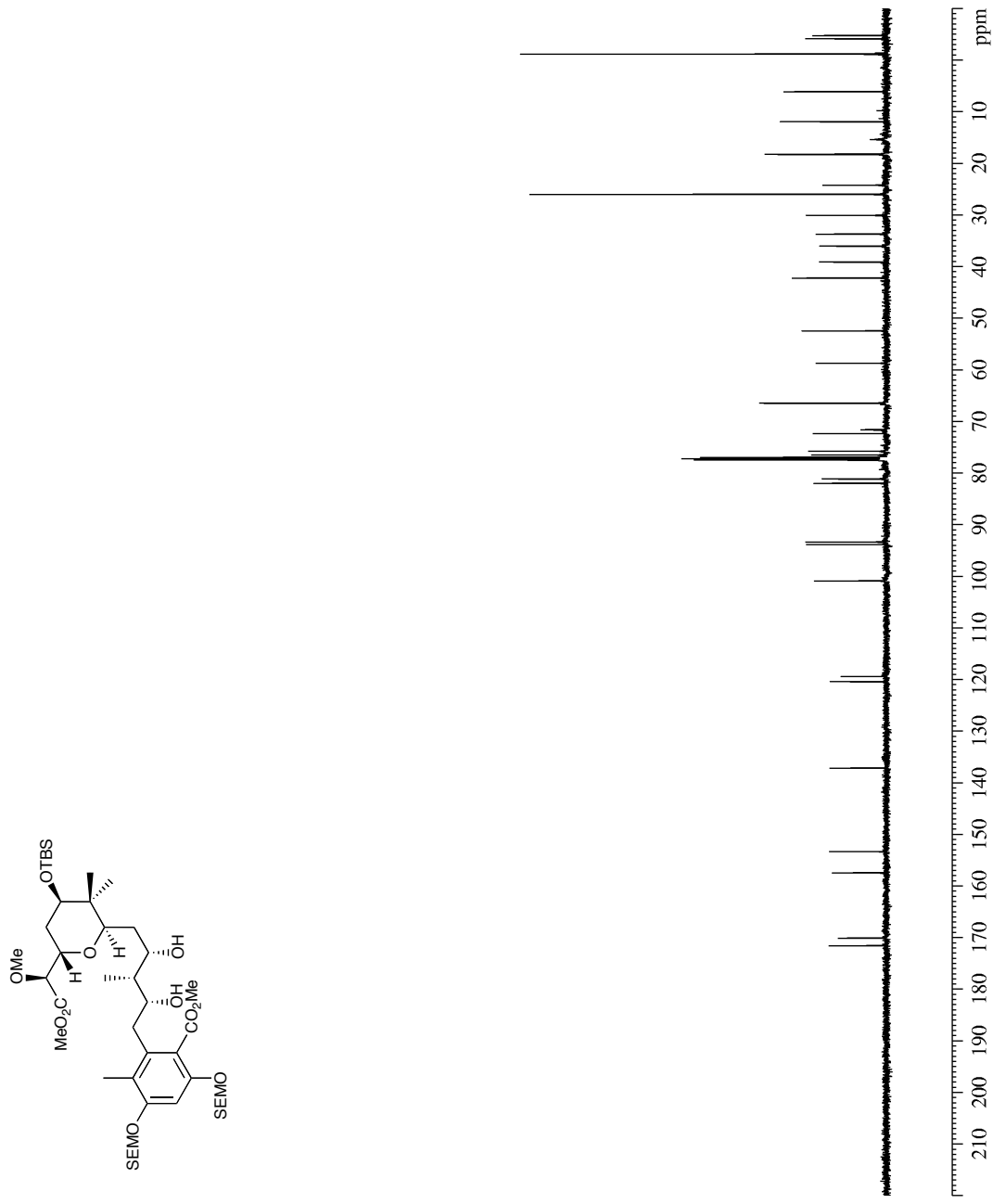


Figure 44. The ^{13}C NMR Spectrum of Compound (+)-S8 in CDCl_3

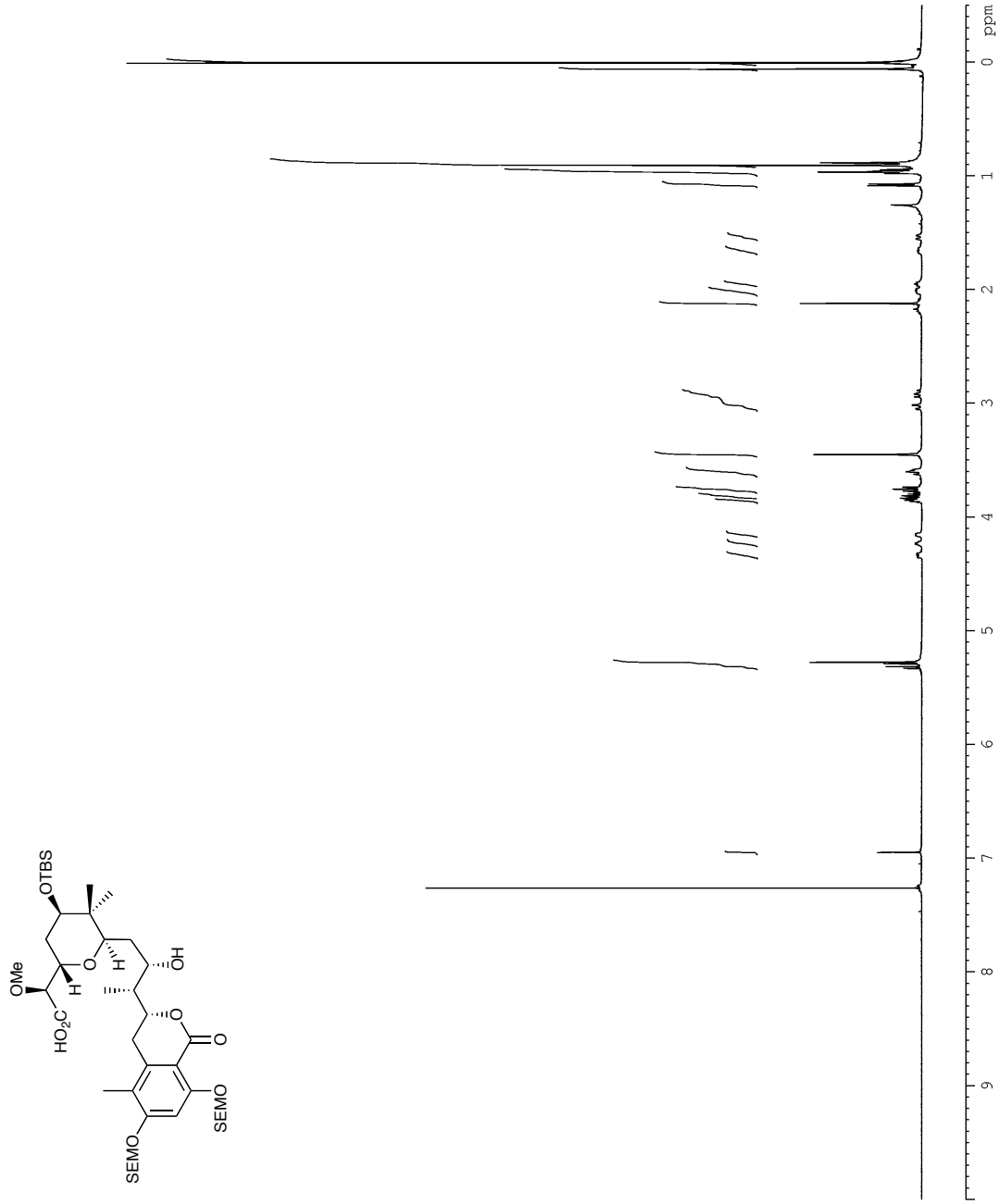


Figure 45. The ¹H NMR Spectrum of Compound (+)-25 in CDCl₃

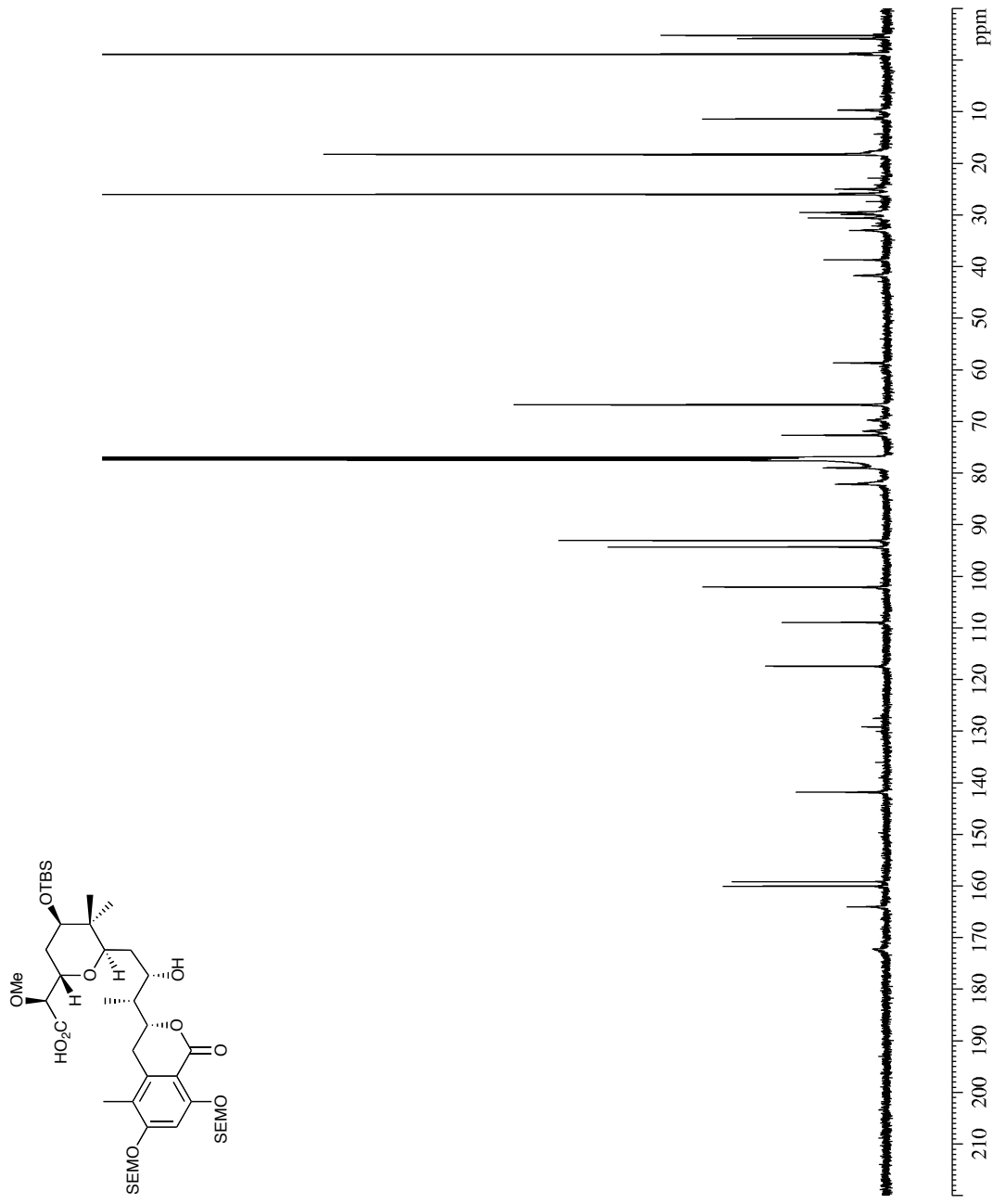


Figure 46. The ^{13}C NMR Spectrum of Compound (+)-25 in CDCl_3 .

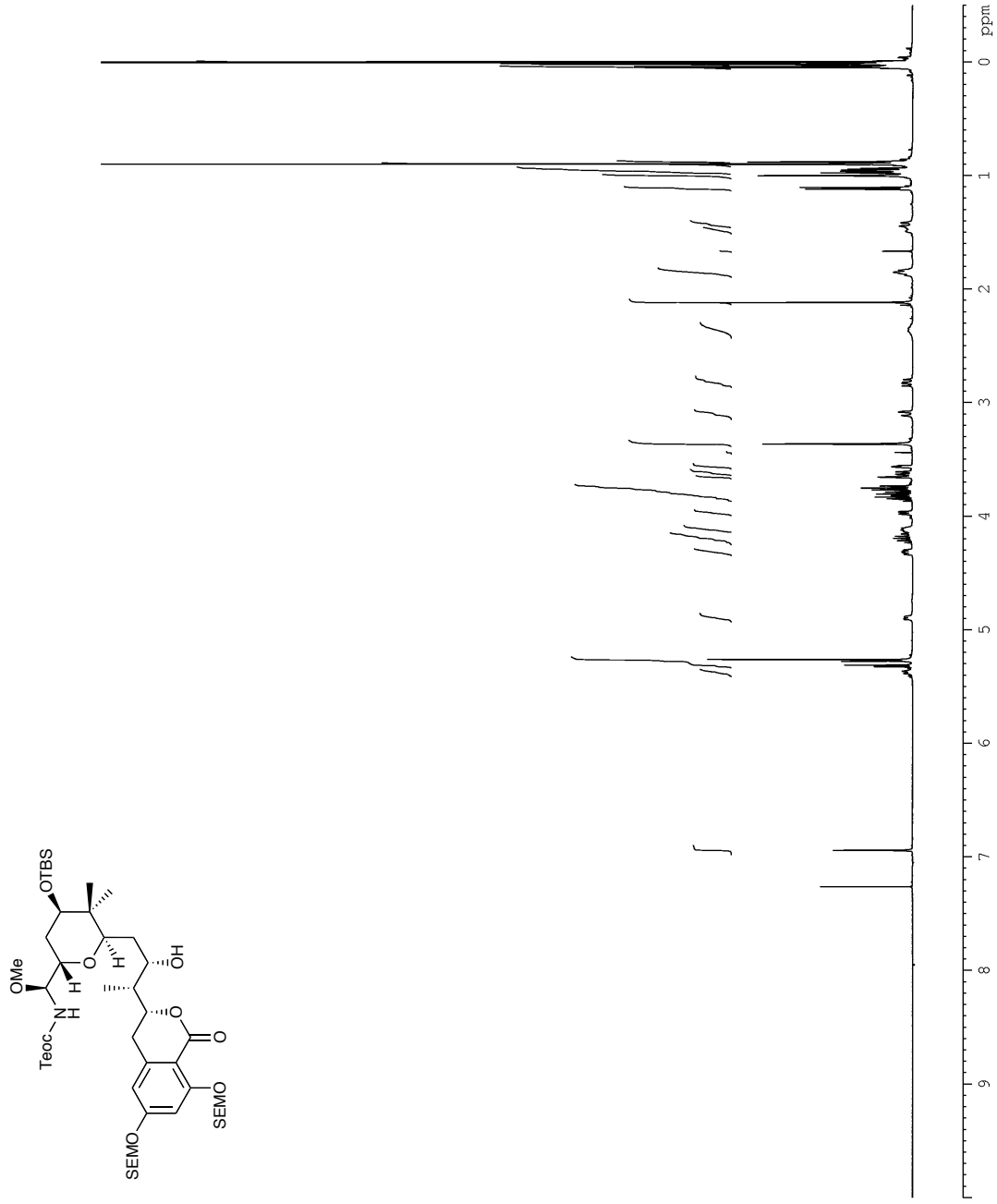


Figure 47. The ¹H NMR Spectrum of Compound (+)-S9 in CDCl₃

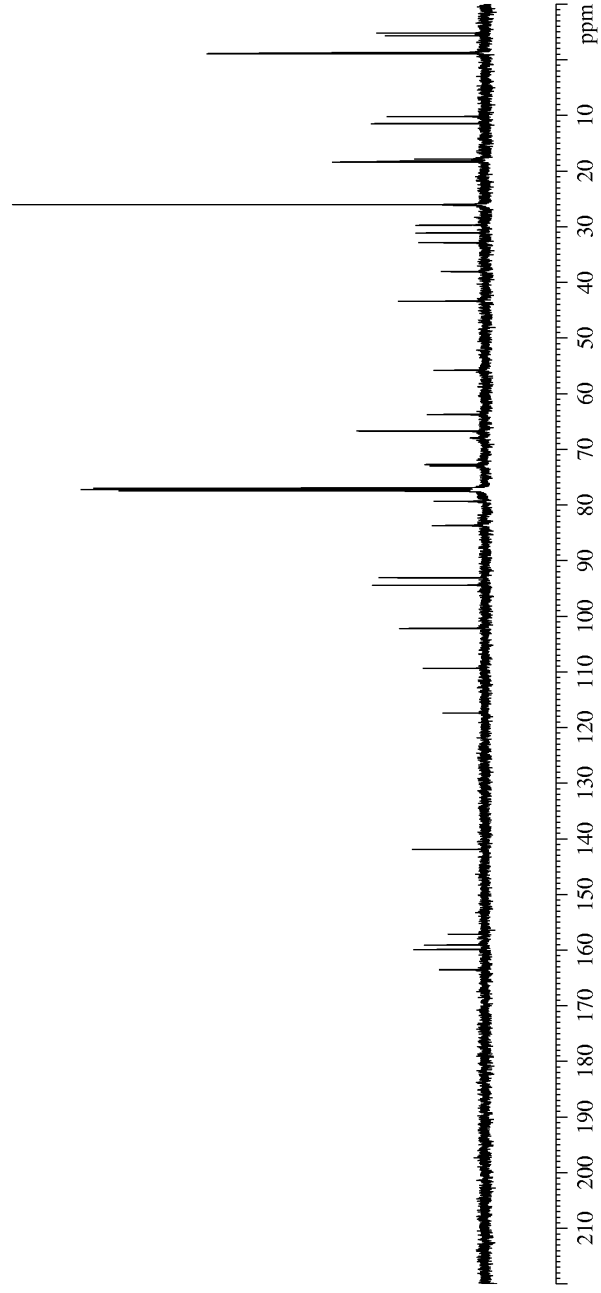
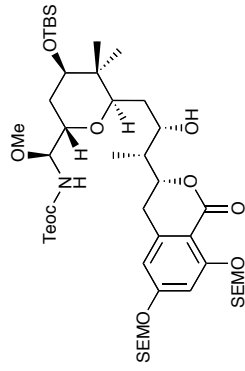


Figure 48. The ^{13}C NMR Spectrum of Compound (+)-S9 in CDCl_3

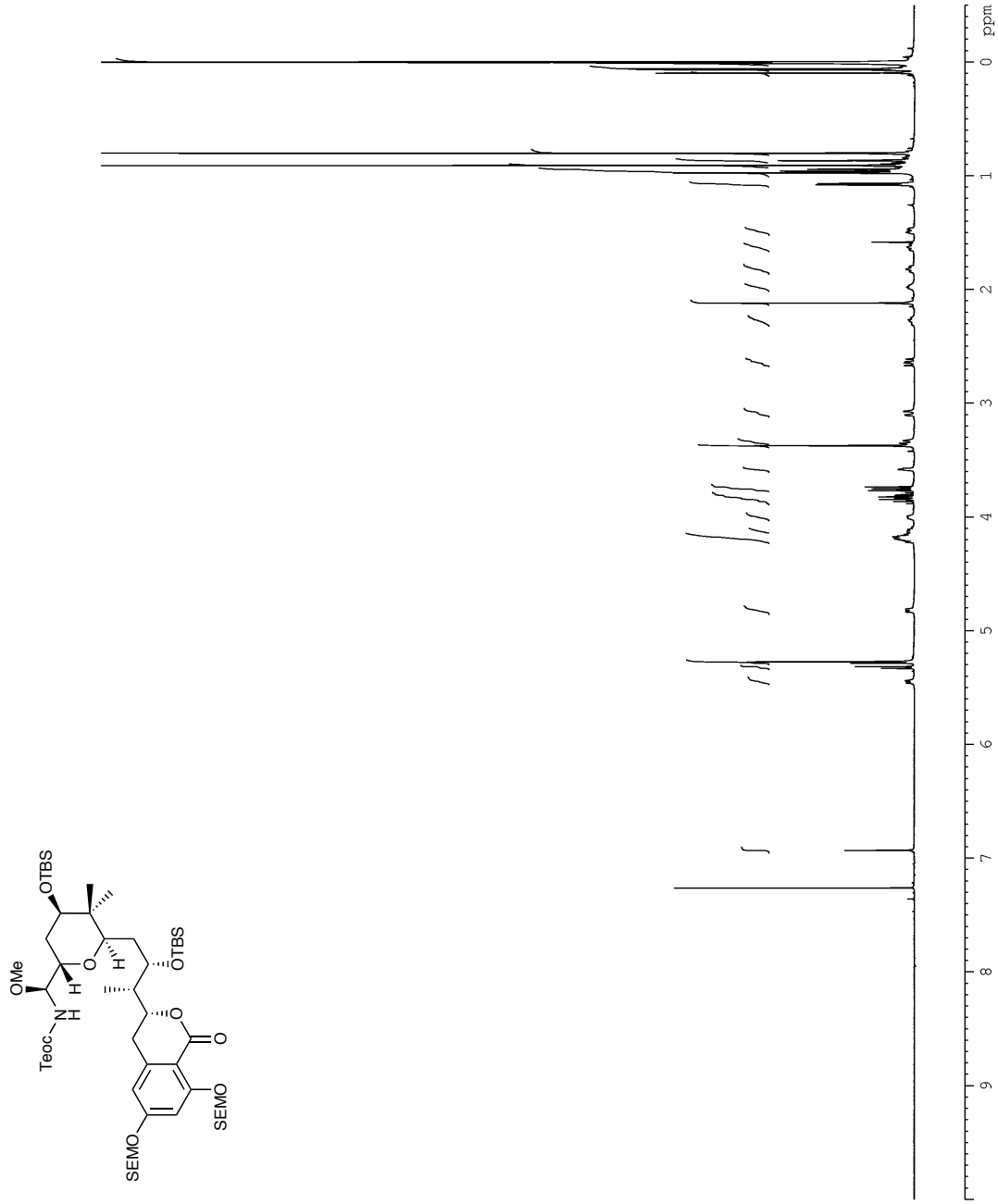


Figure 49. The ¹H NMR Spectrum of Compound (+)-3 in CDCl₃

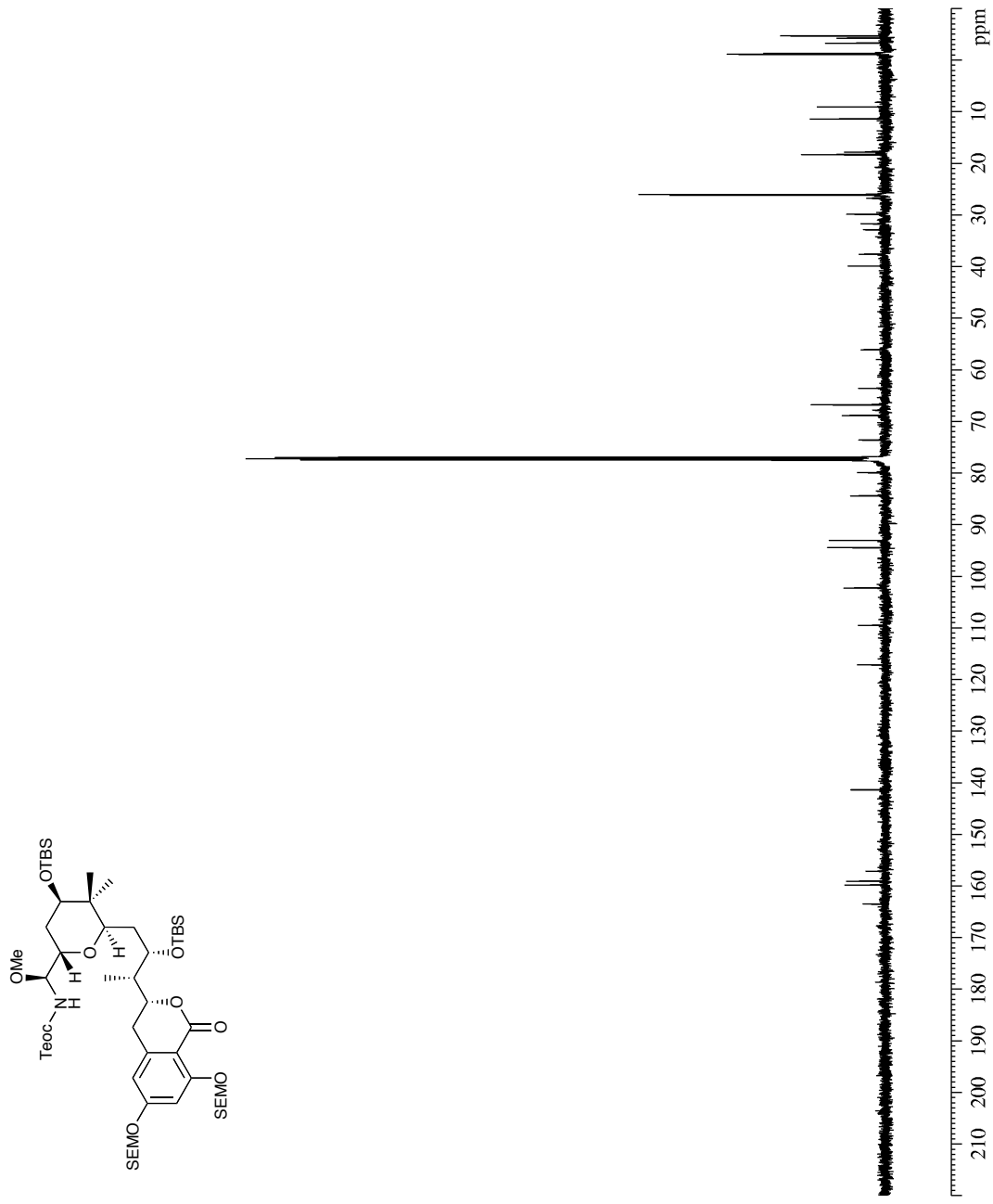


Figure 50. The ^{13}C NMR Spectrum of Compound (+)-3 in CDCl_3

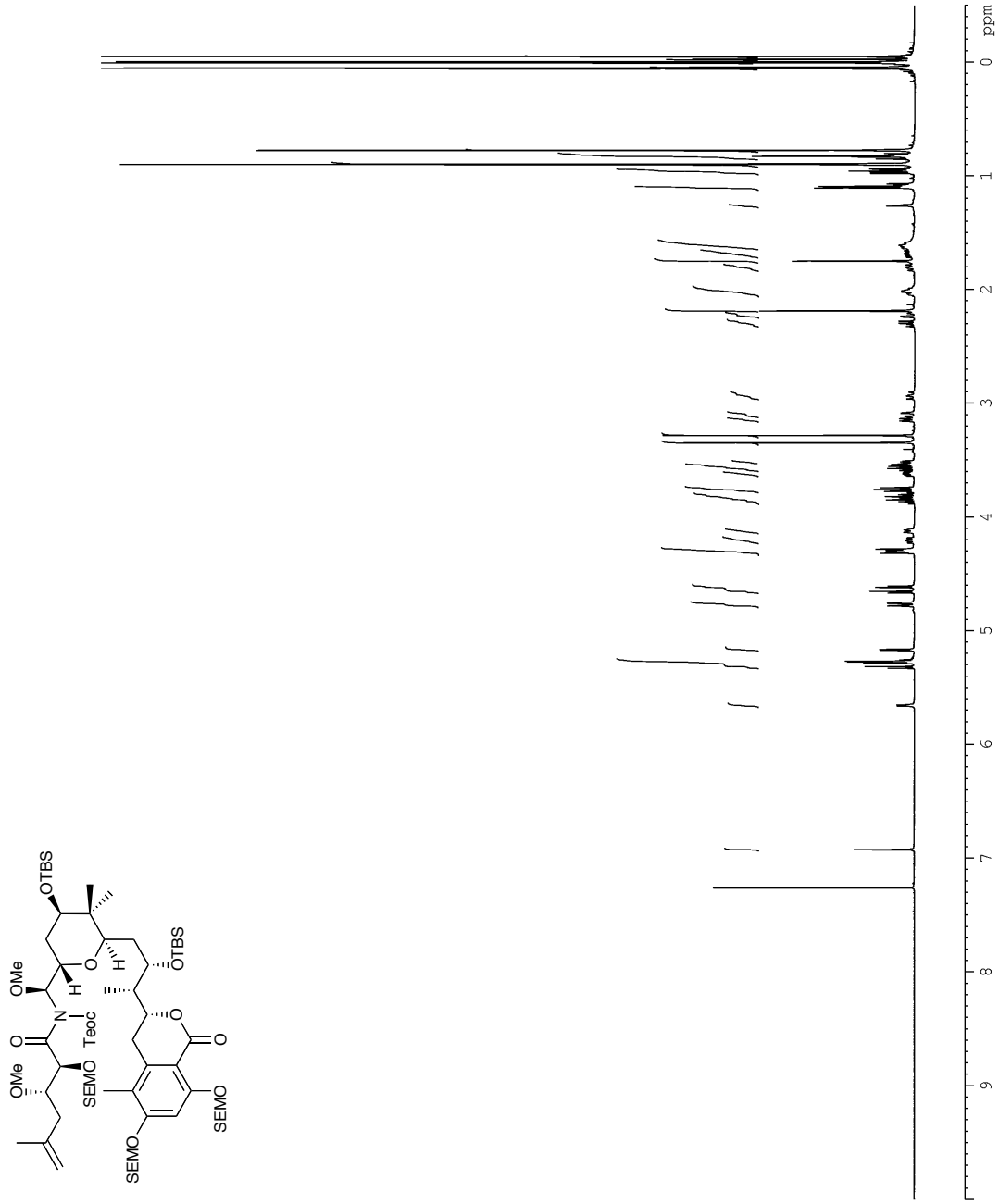


Figure 51. The ¹H NMR Spectrum of Compound (+)-27 in CDCl₃

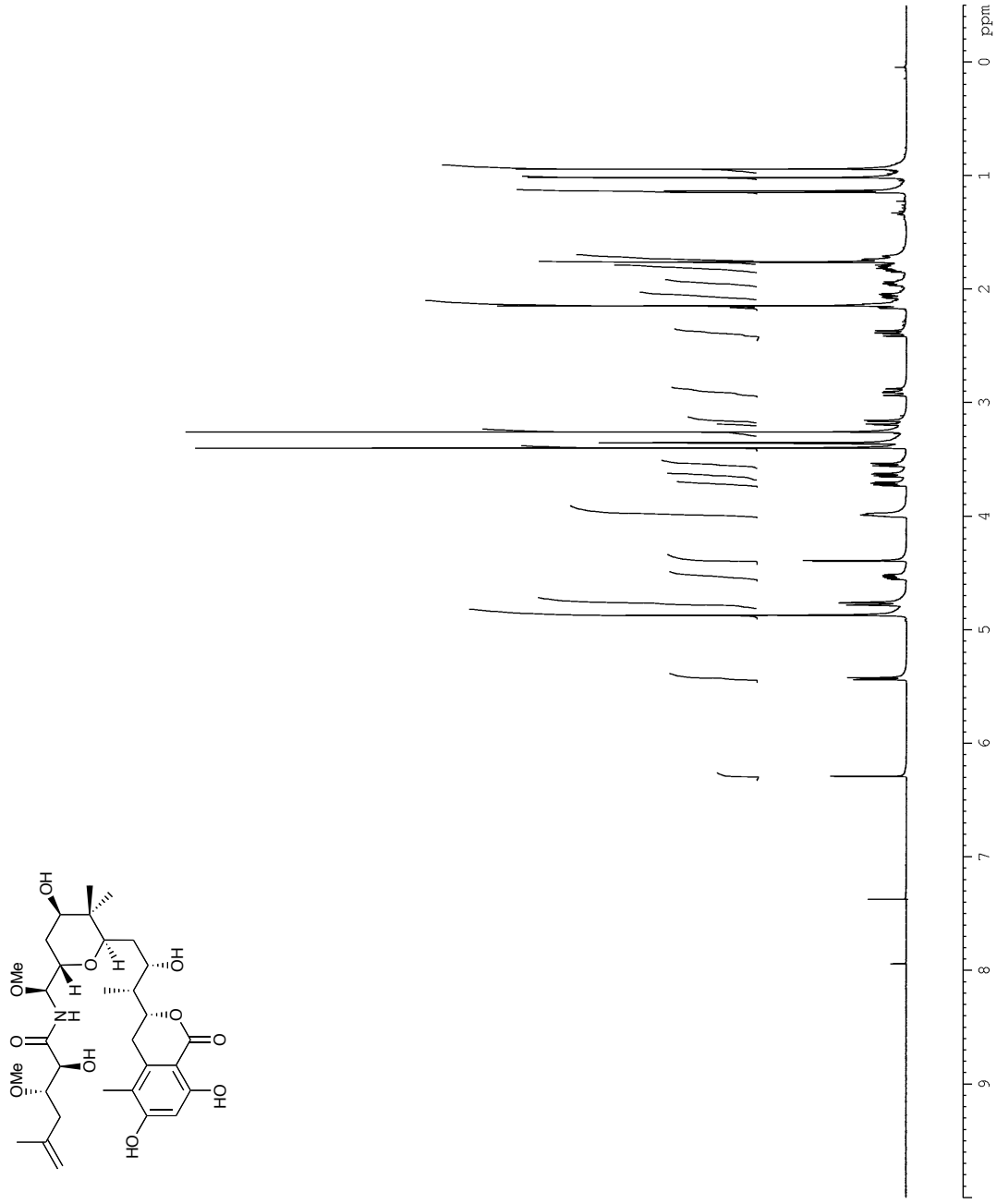


Figure 53. The ^1H NMR Spectrum of Compound (+)-1 in CD_3OD

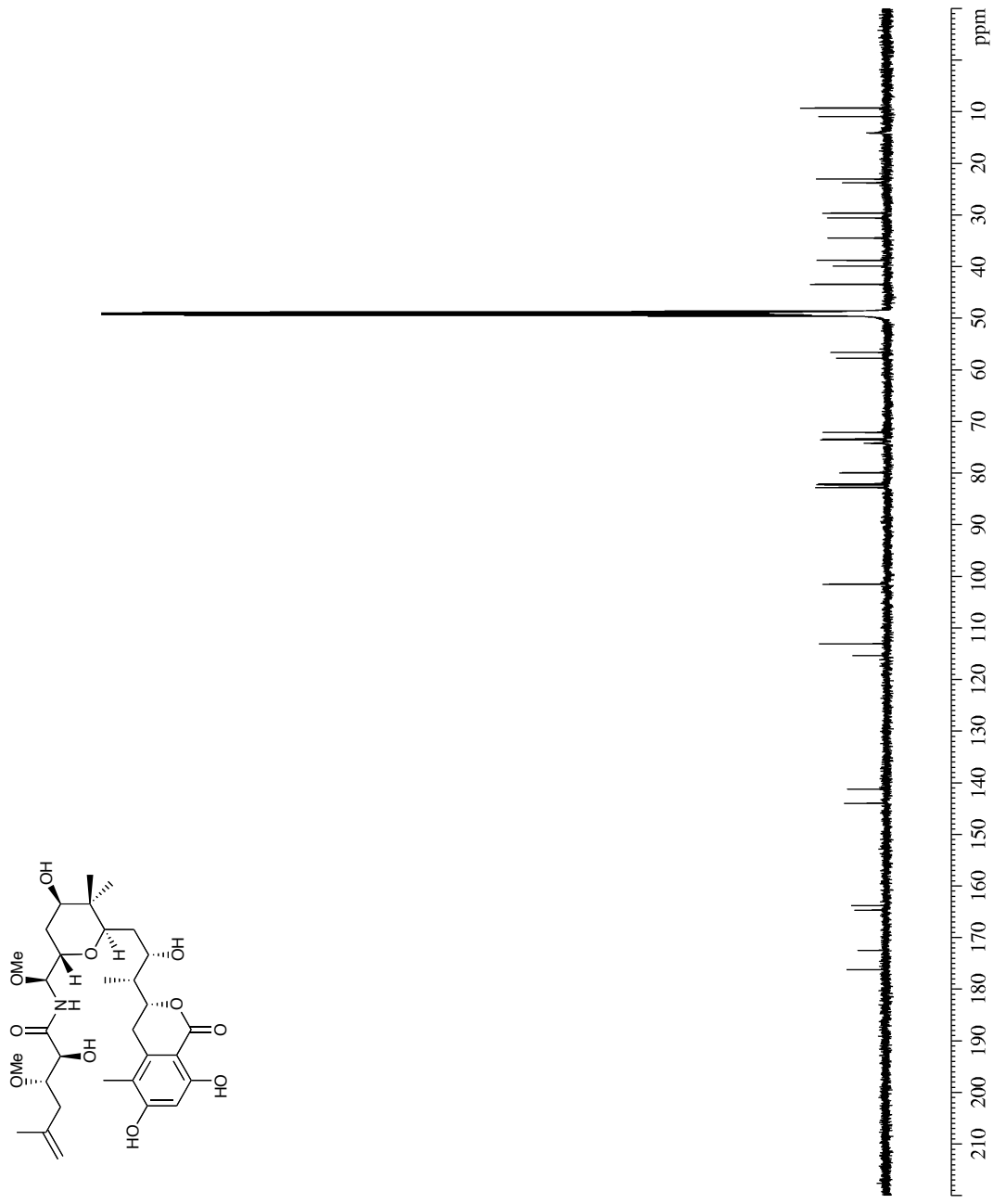


Figure 54. The ^{13}C NMR Spectrum of Compound (+)-1 in CD_3OD