Supplementary Information

An Efficient Method for the Hydrolysis of Potassium Organotrifluoroborates Promoted by Montmorillonite K10

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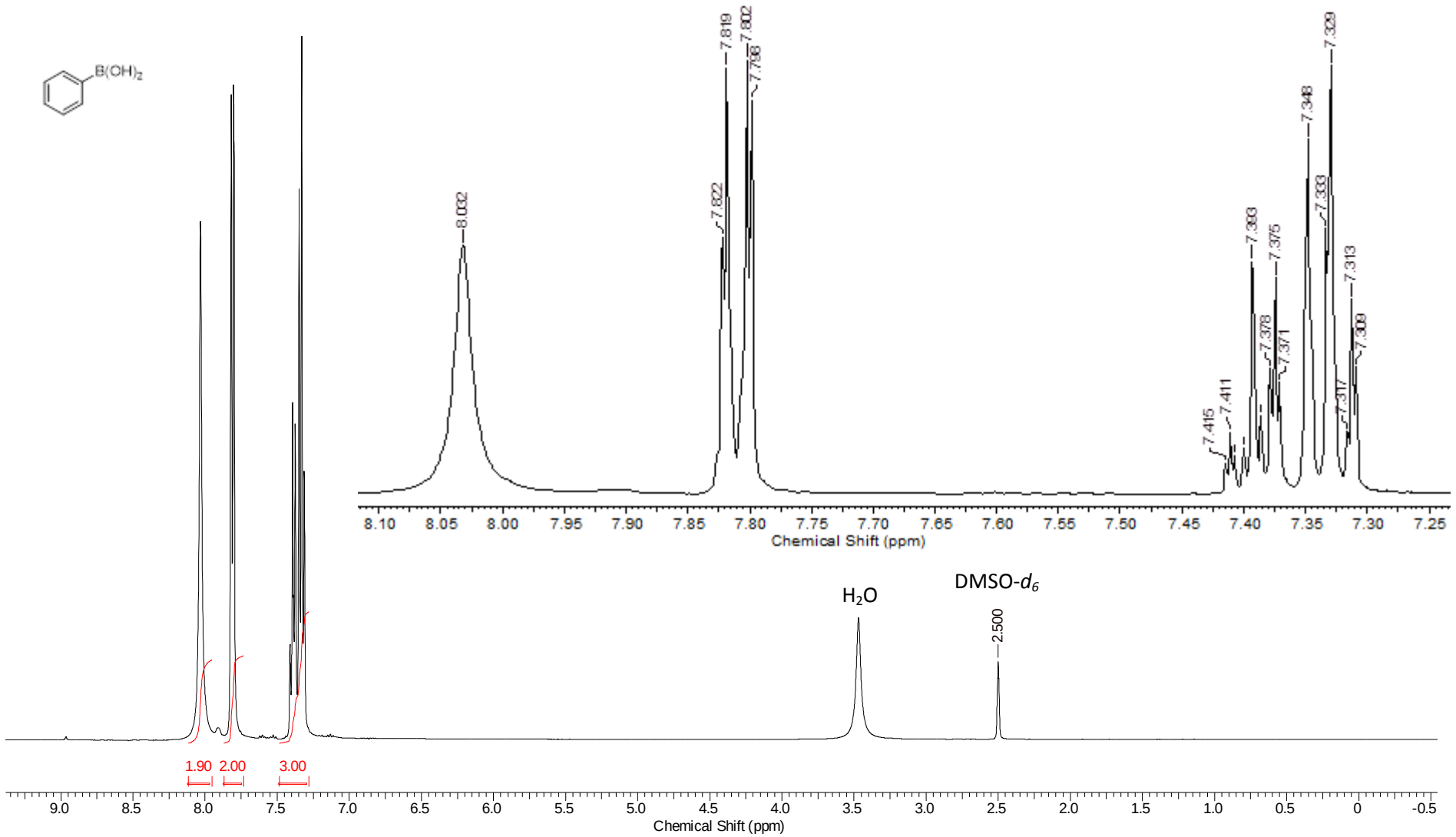

Figure S1. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2a**.

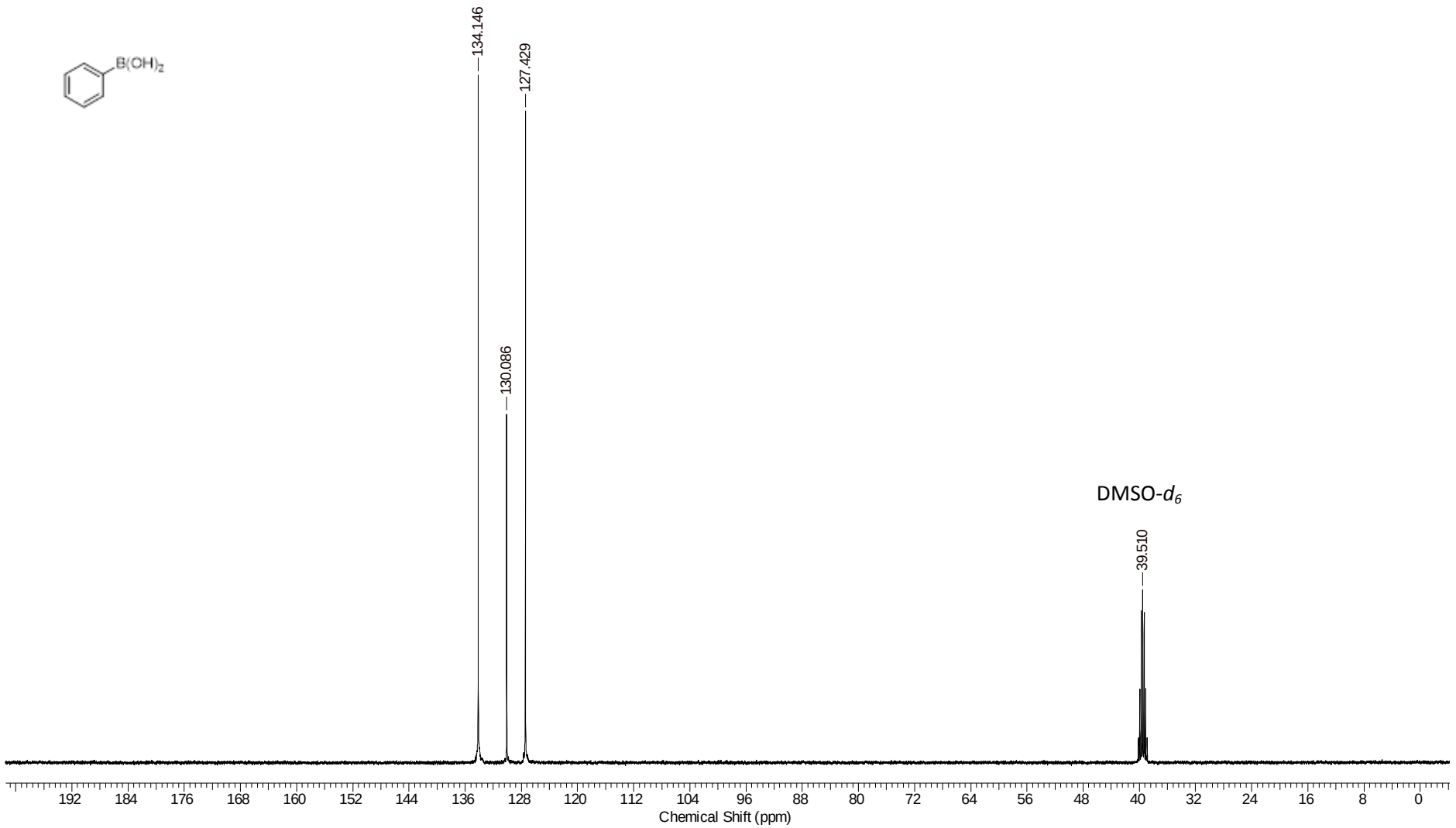

Figure S2. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2a**.

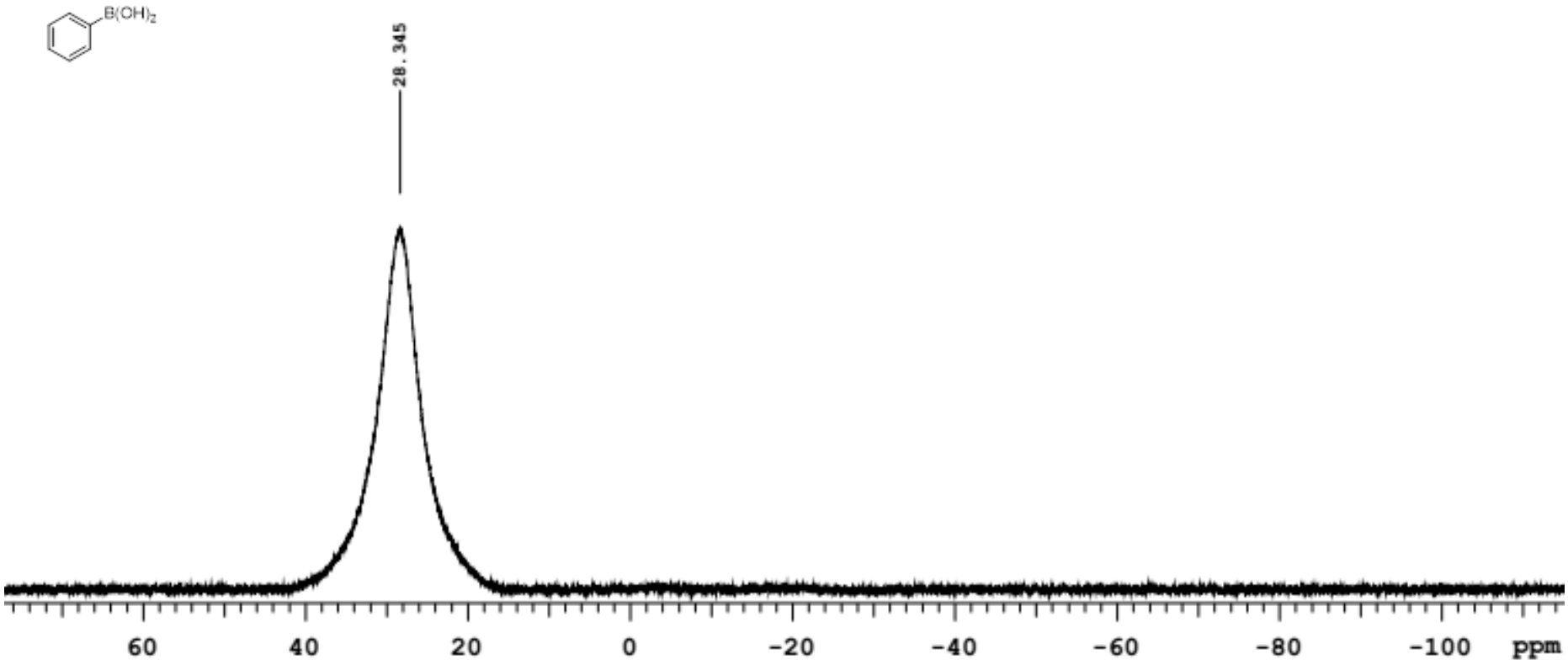

Figure S3. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2a**.

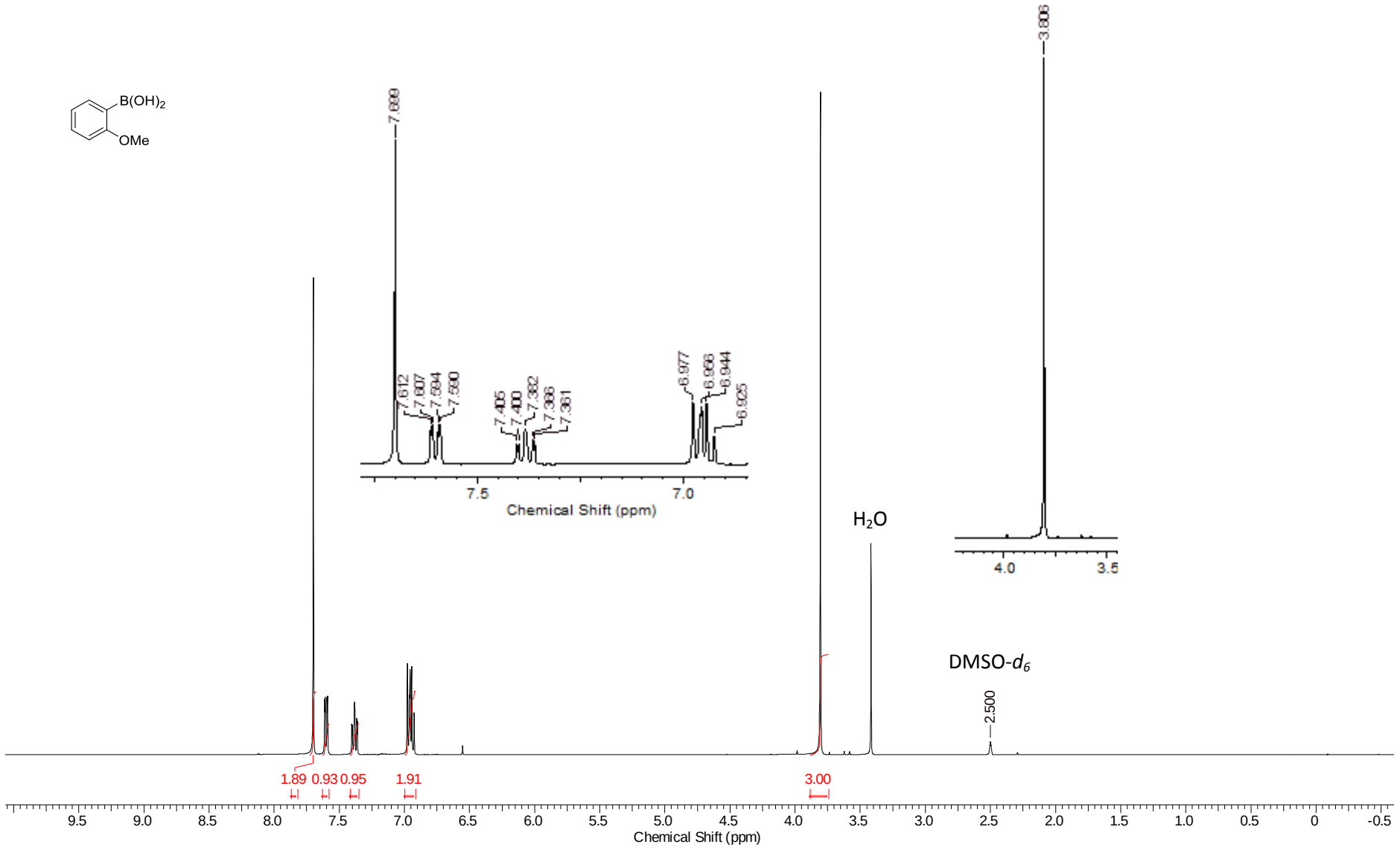

Figure S4. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2b**.

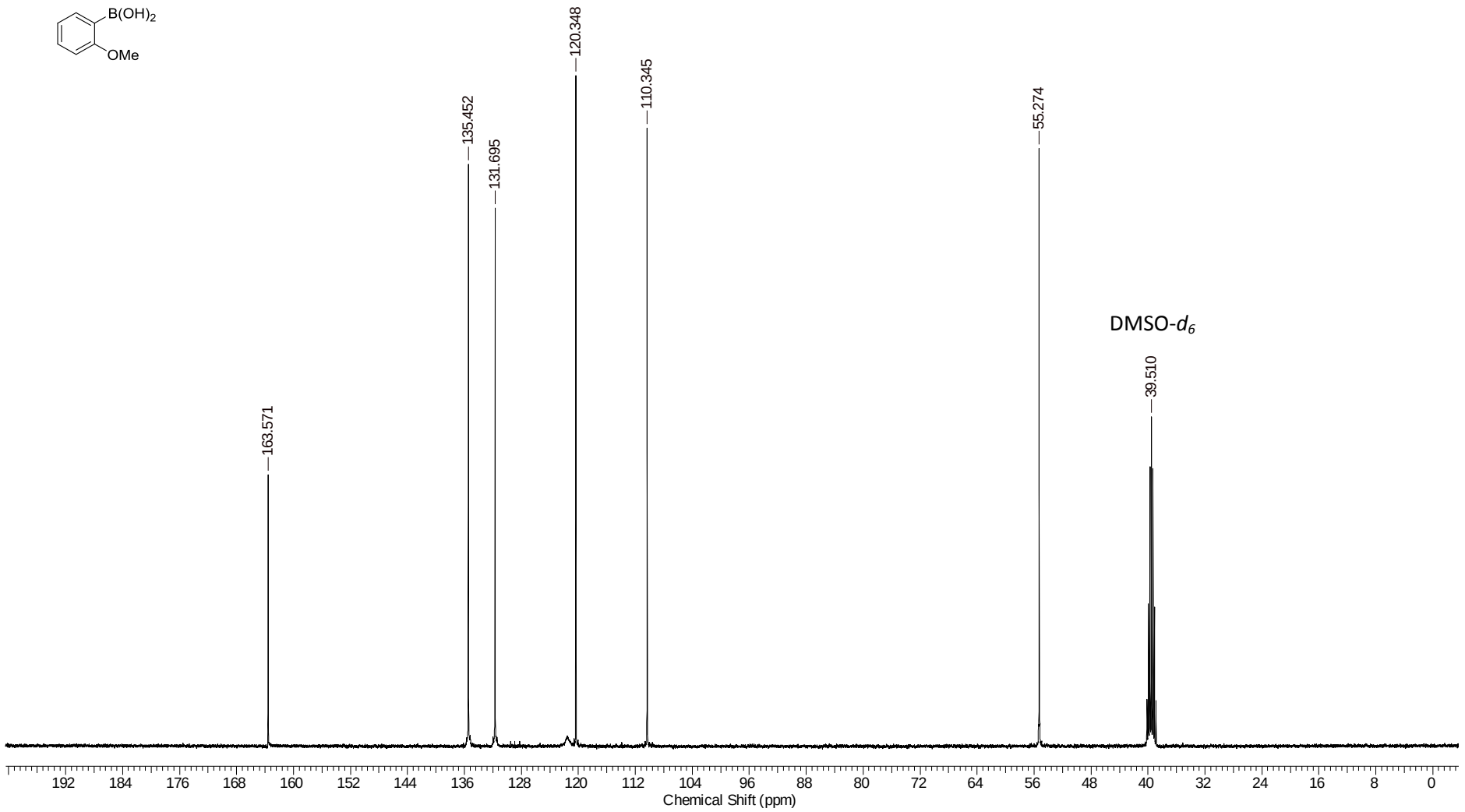

Figure S5. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2b**.

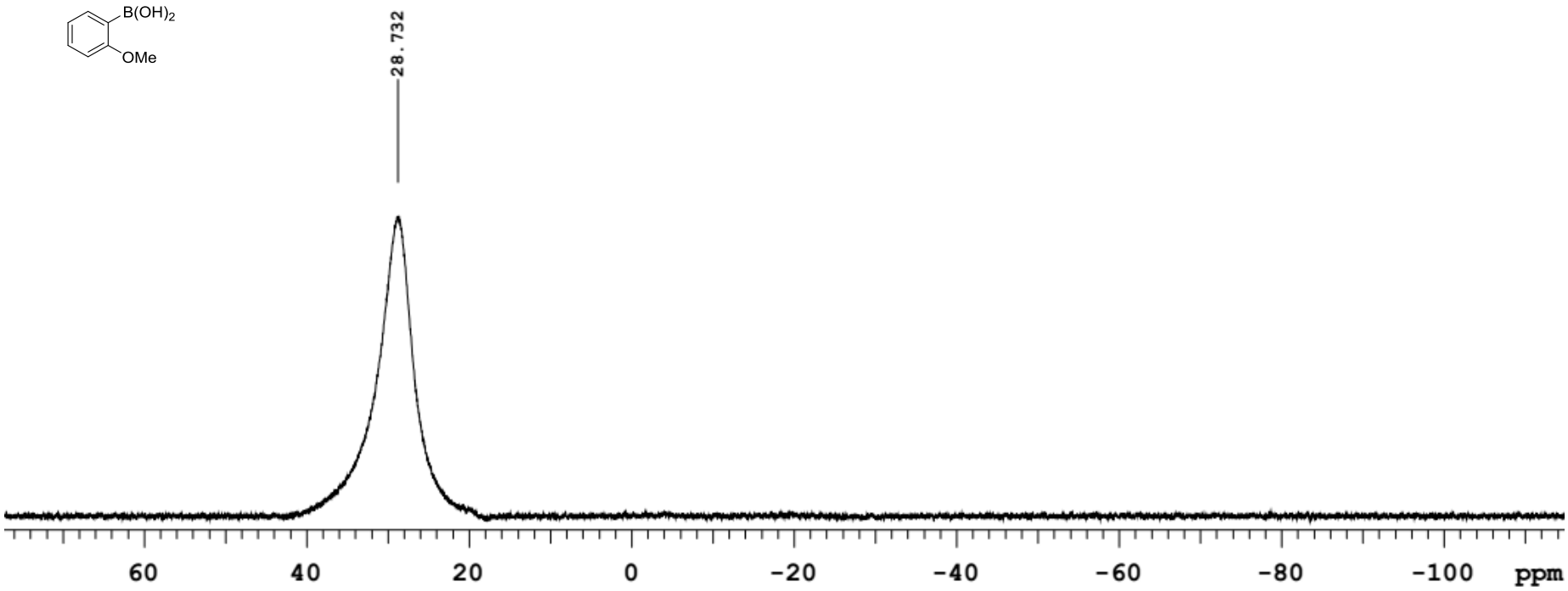

Figure S6. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2b**.

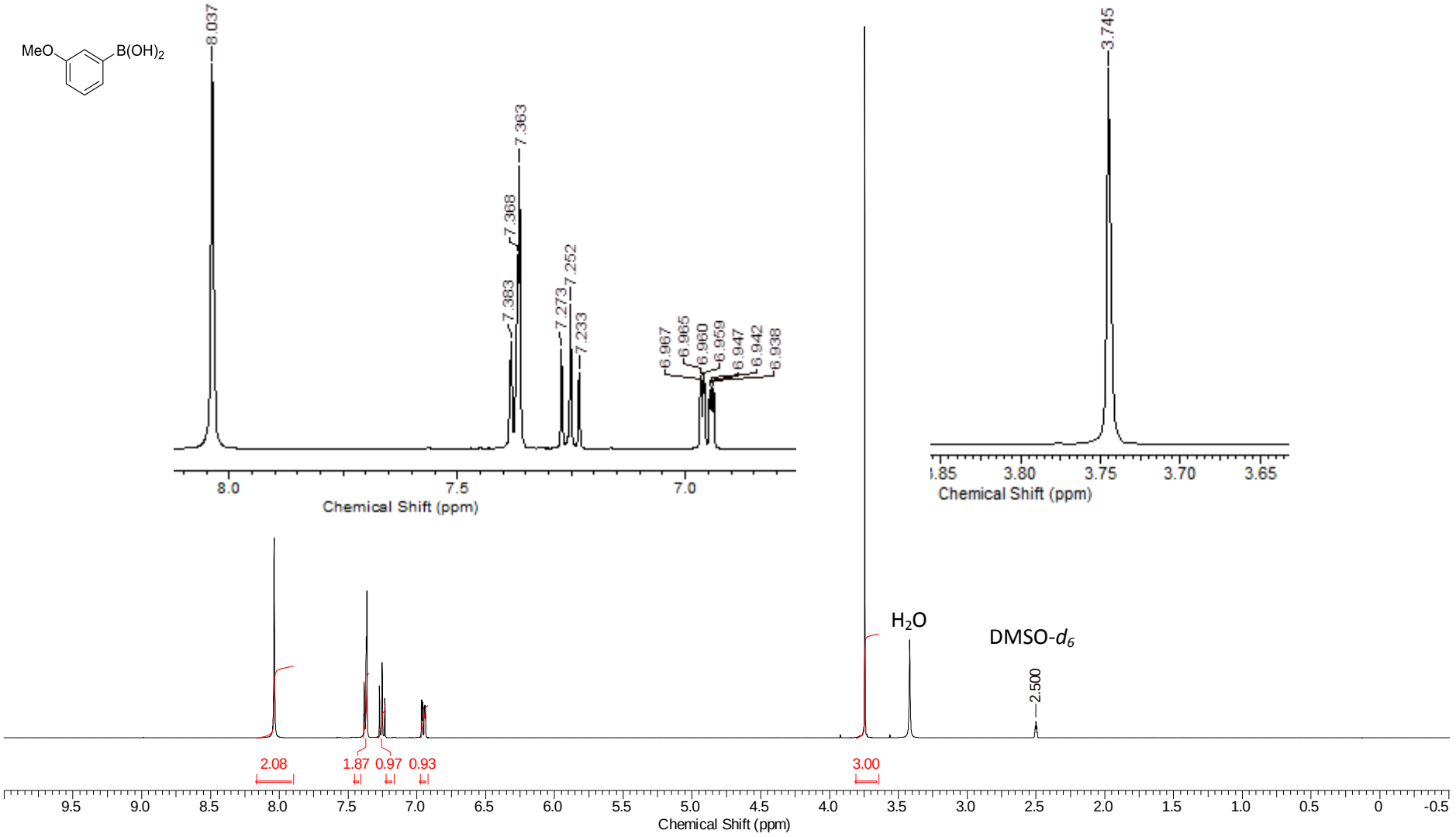

Figure S7. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2c**.

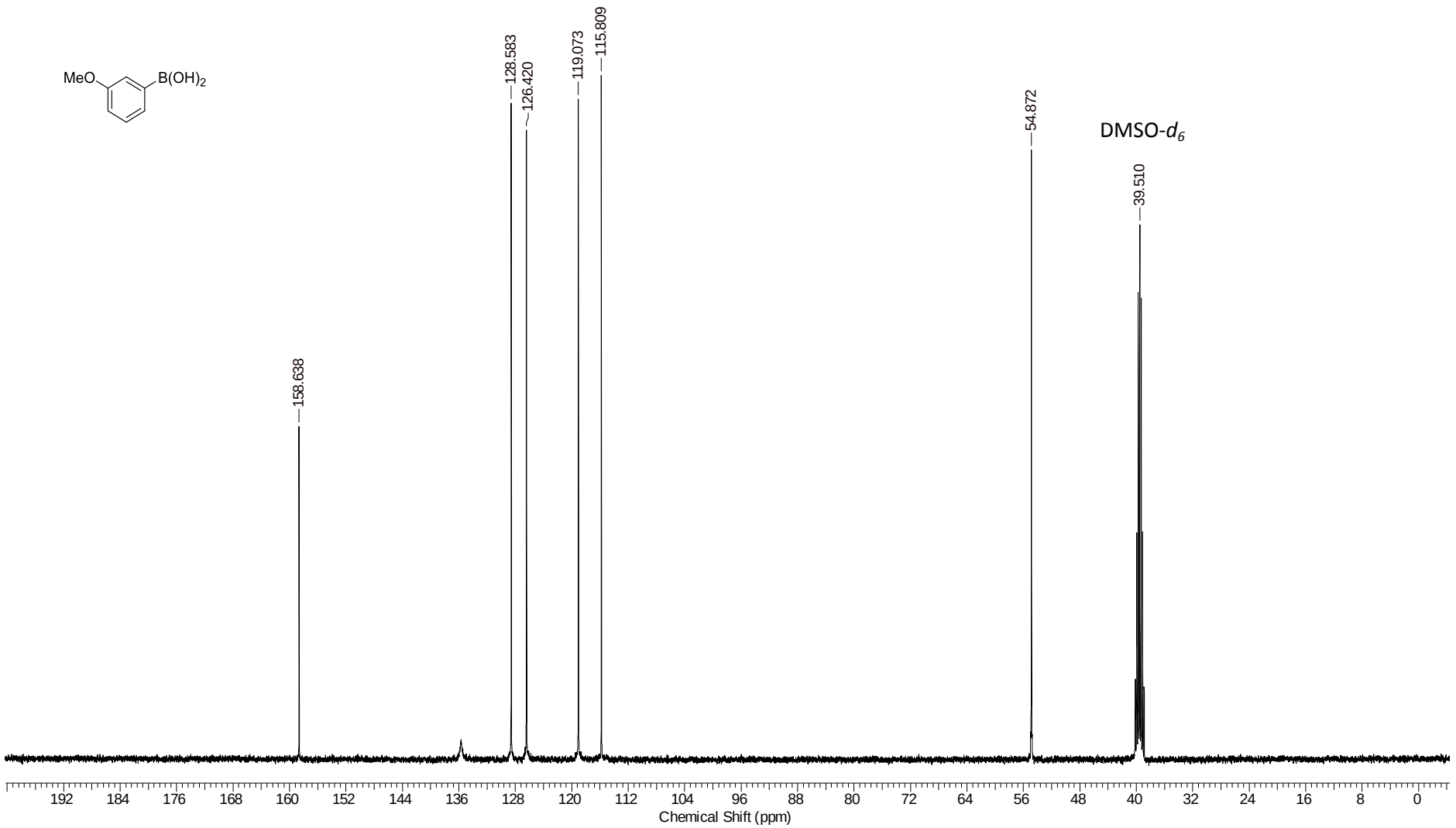

Figure S8. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2c**.

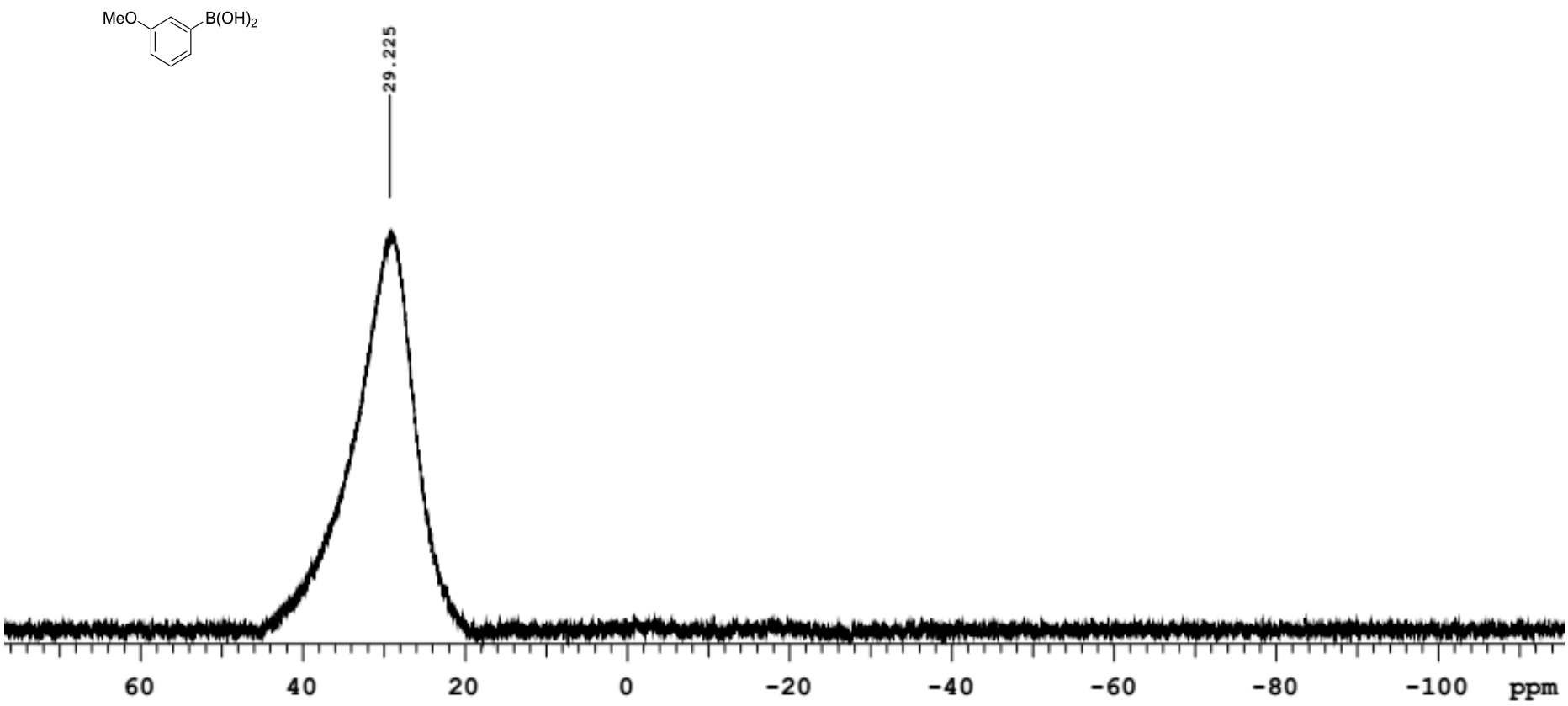

Figure S9. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2c**.

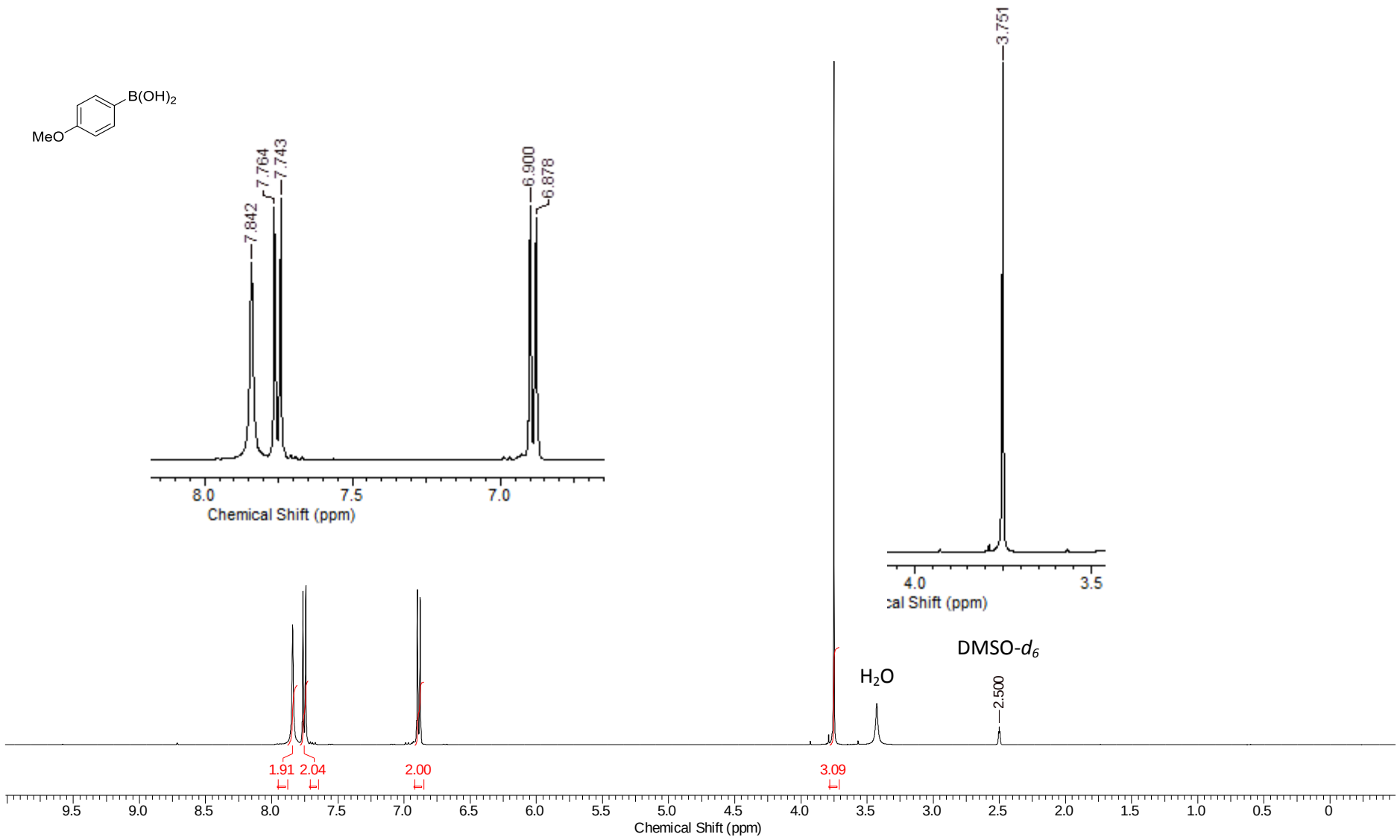

Figure S10. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2d**.

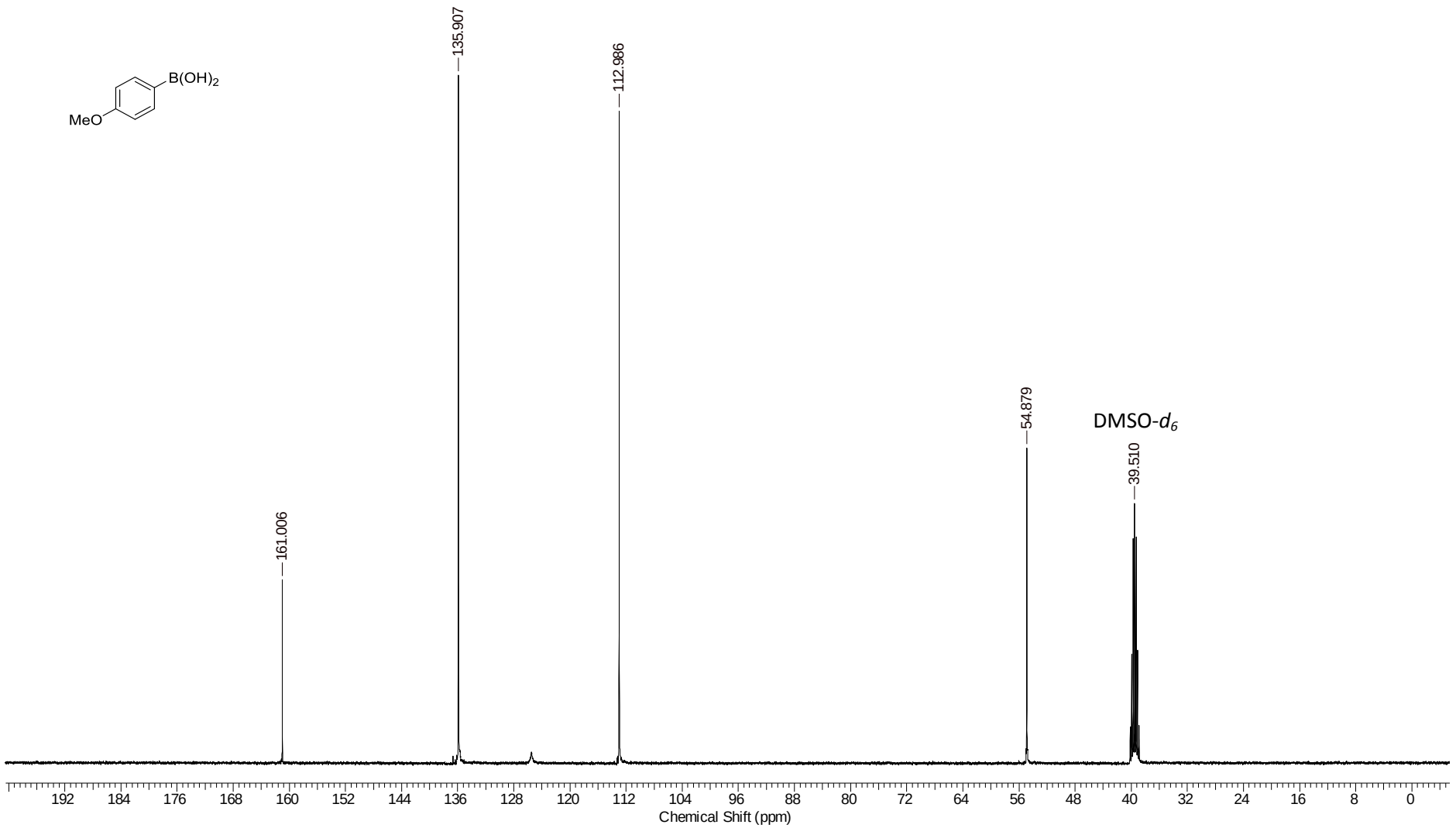

Figure S11. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2d**.

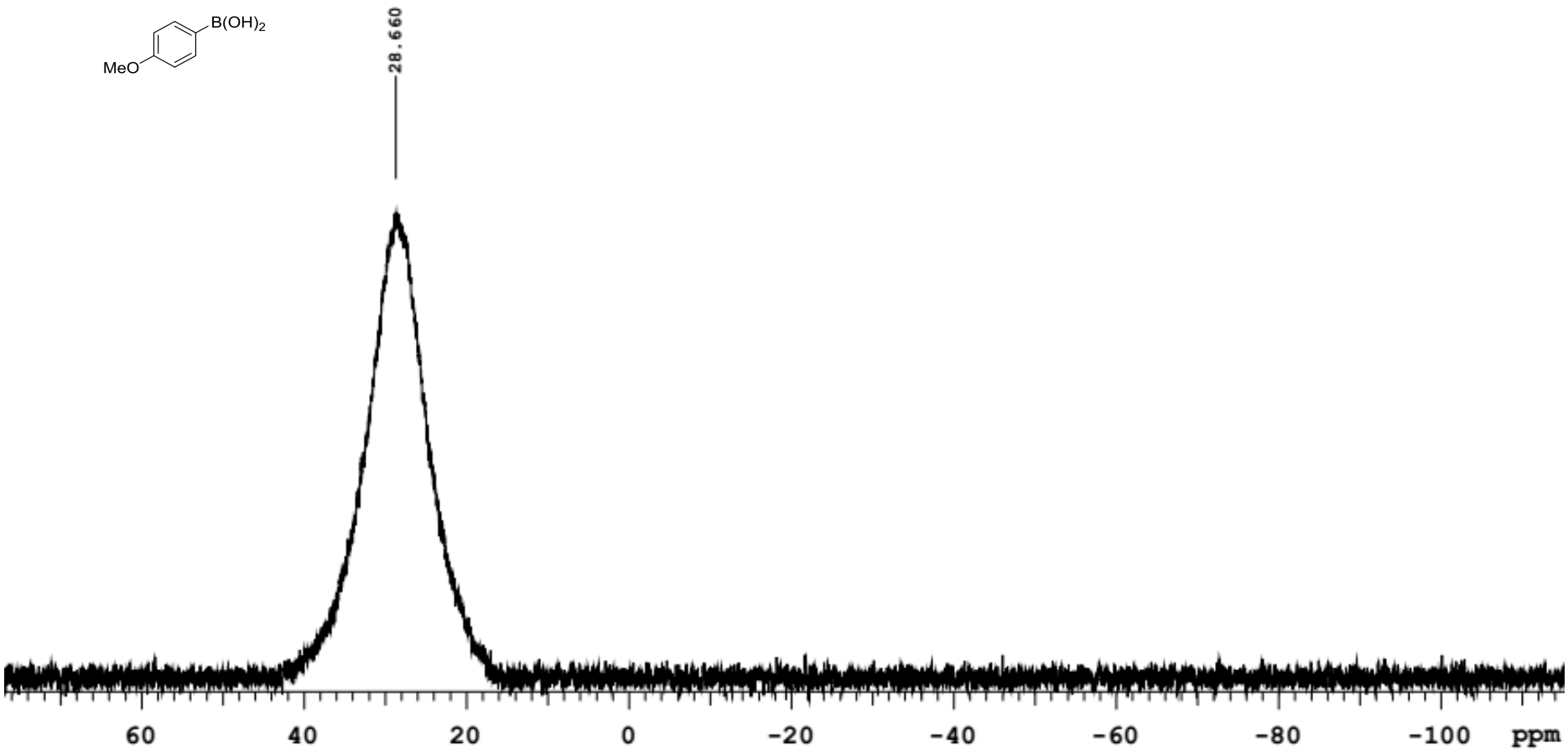

Figure S12. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2d**.

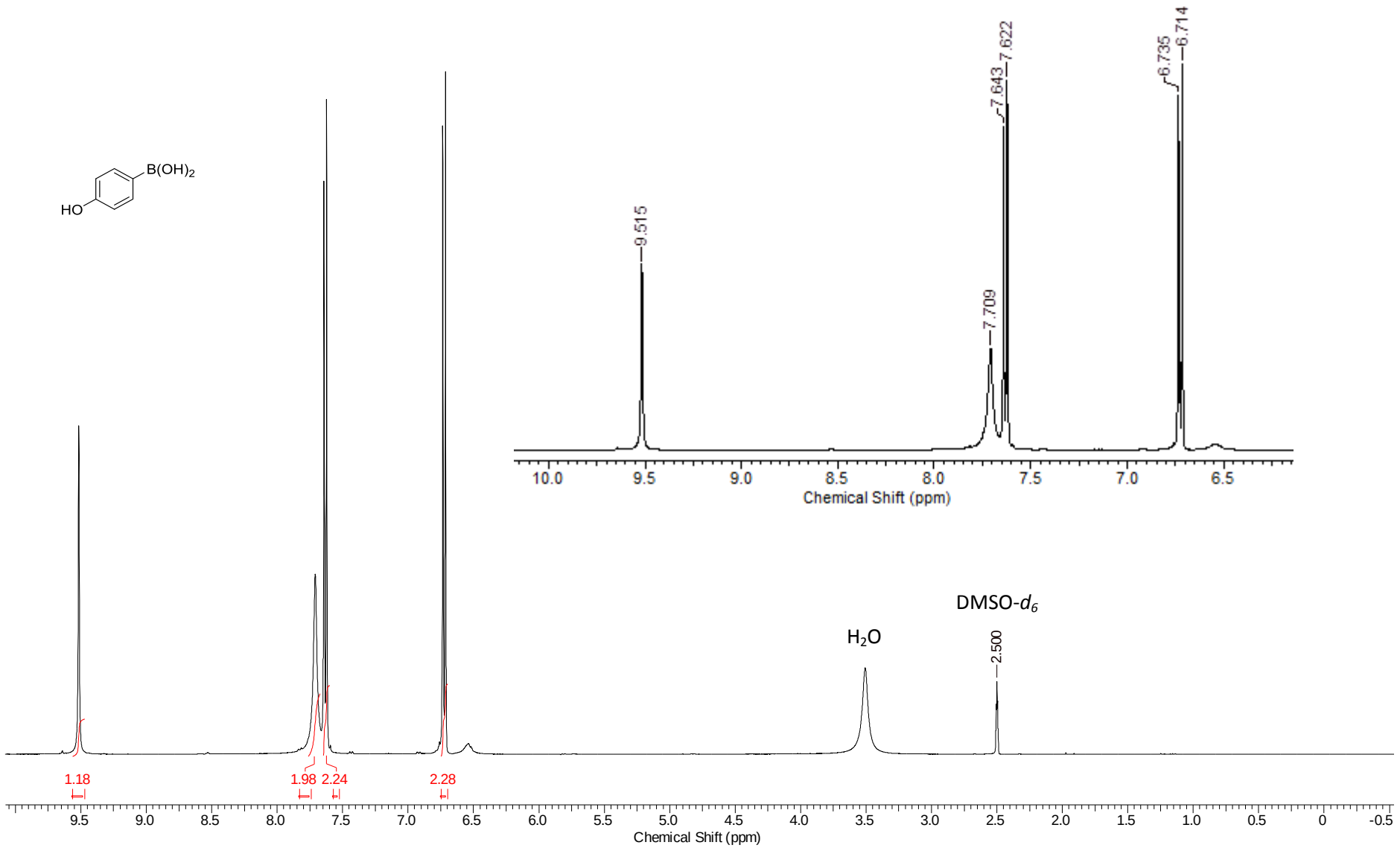

Figure S13. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2e**.

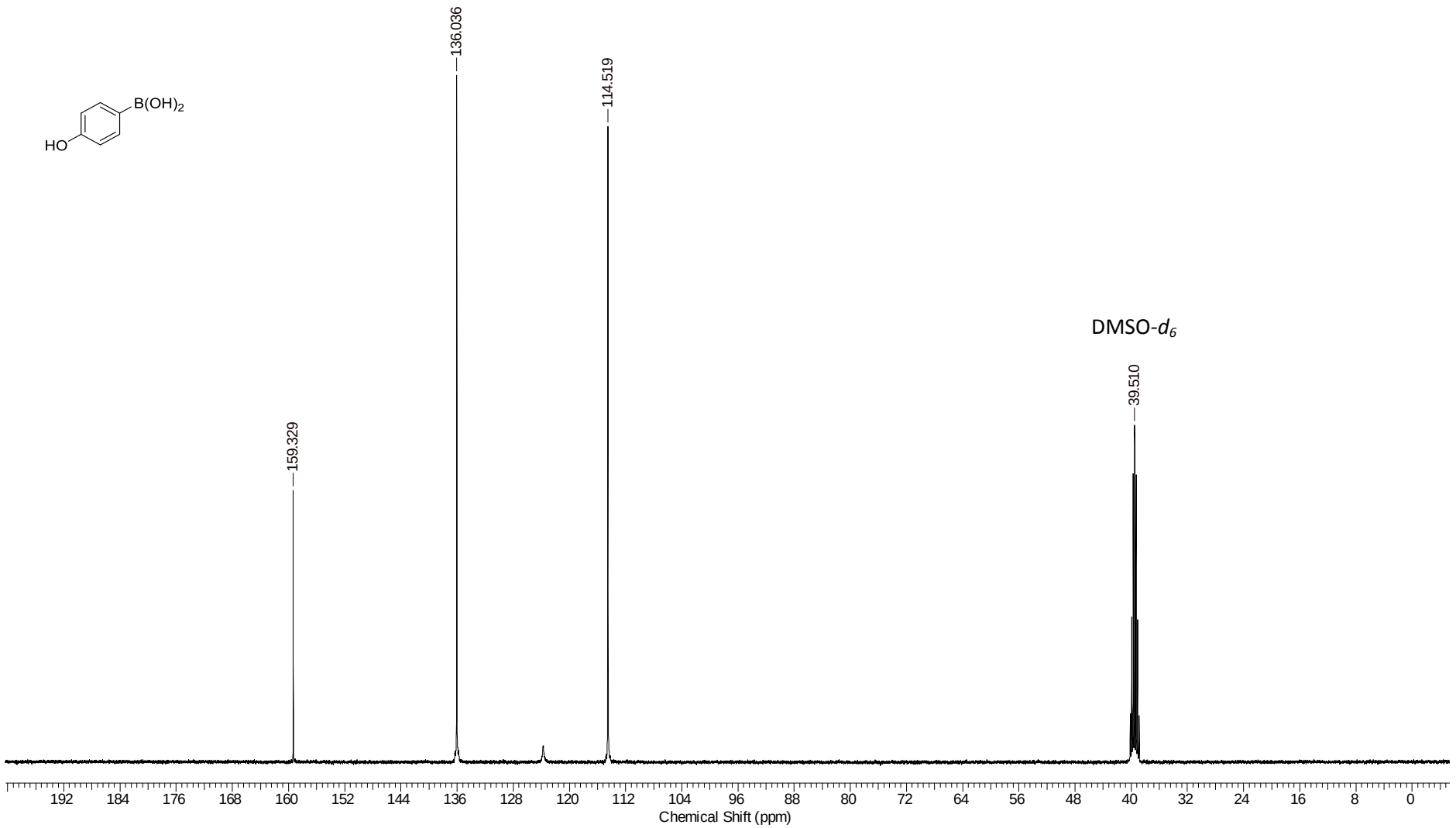

Figure S14. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2e**.

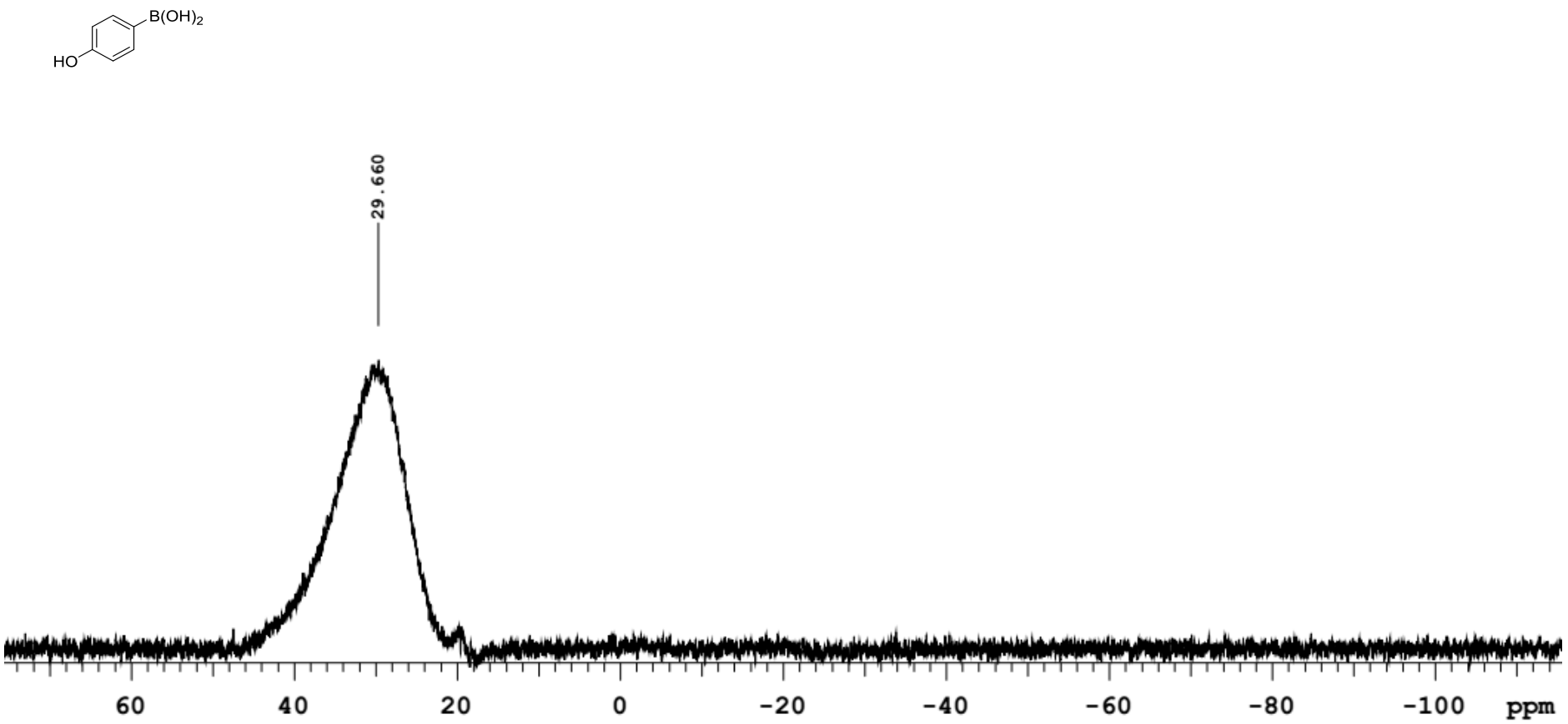

Figure S15. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2e**.

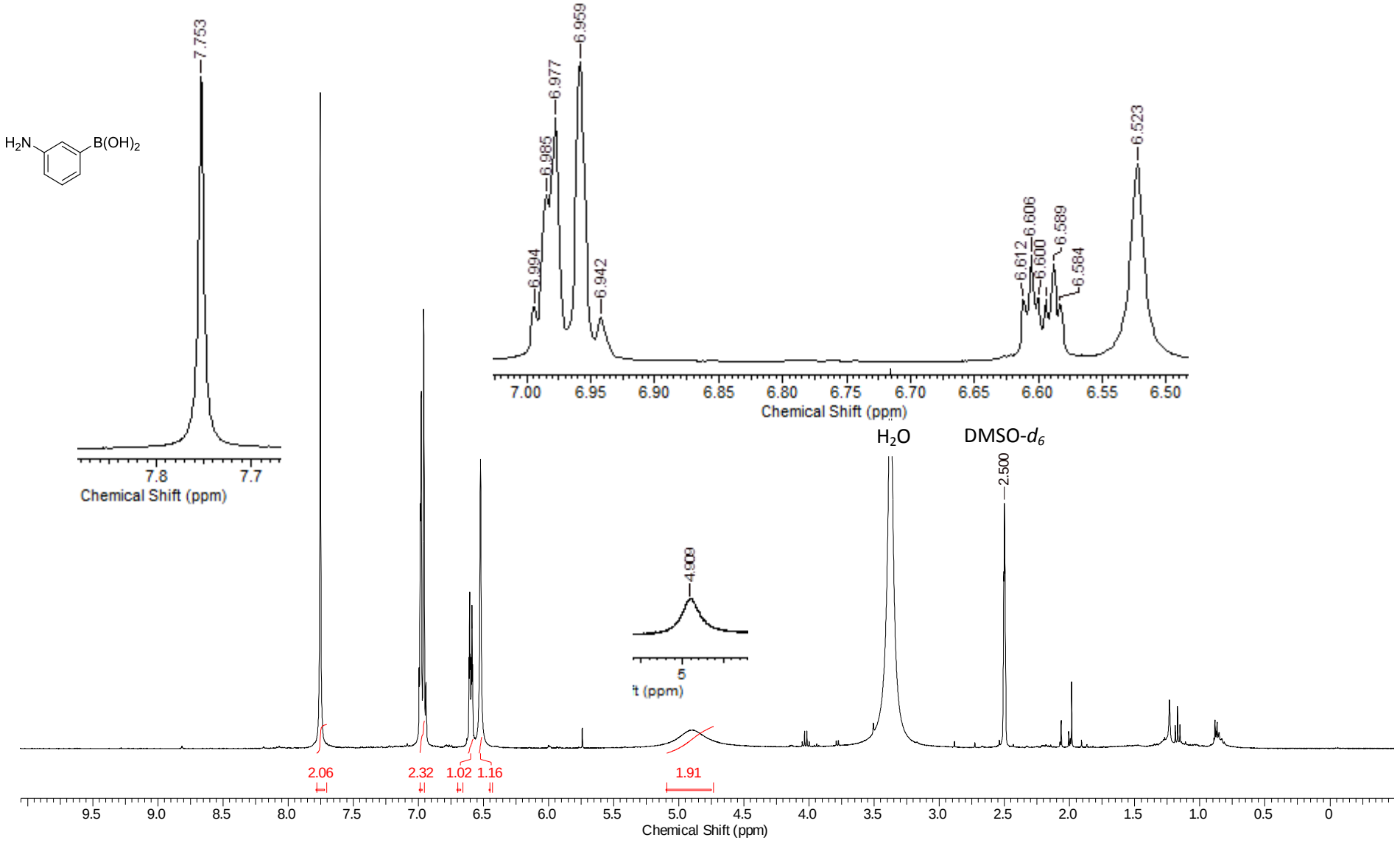

Figure S16. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2f**.

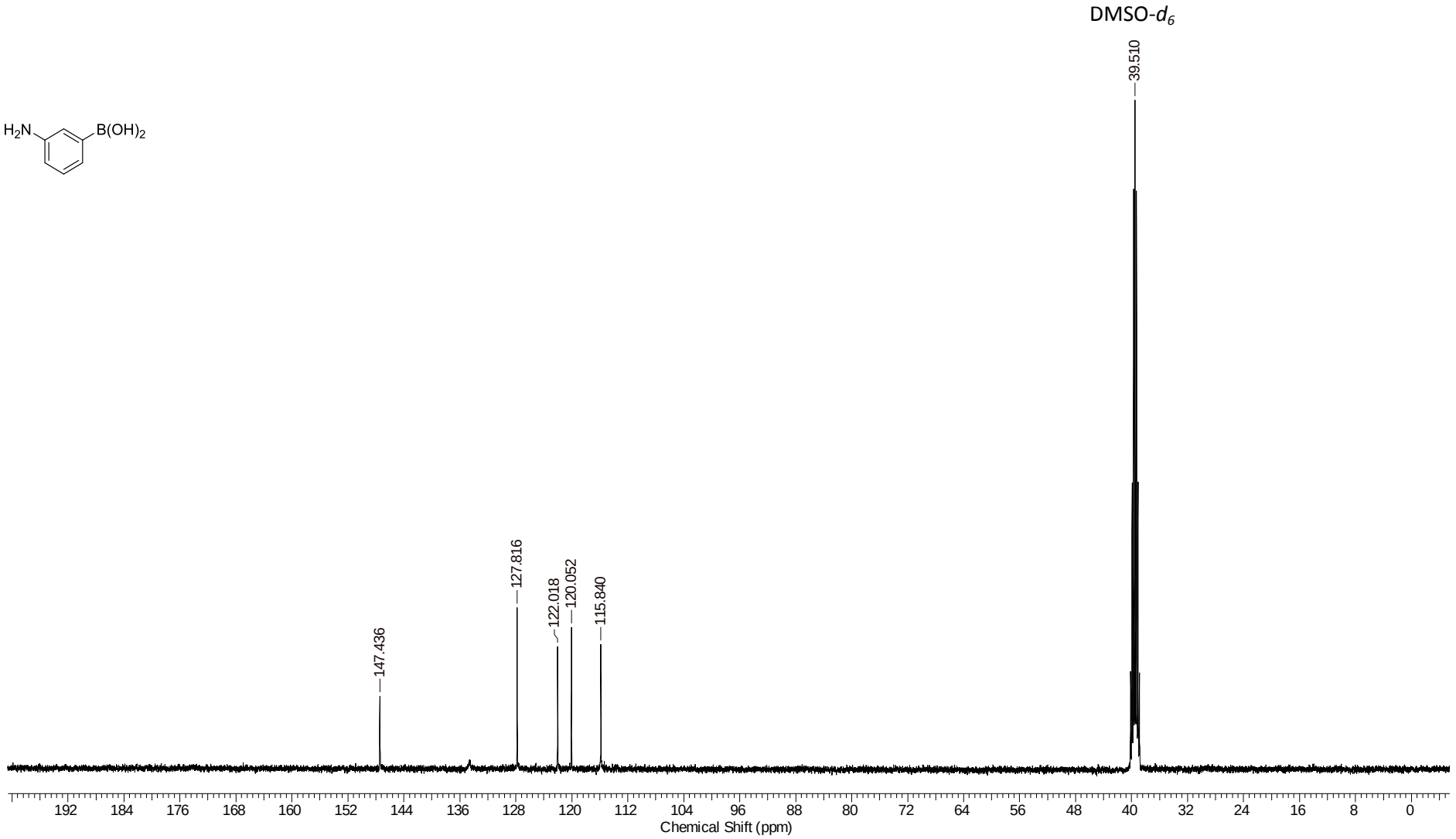

Figure S17. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2f**.

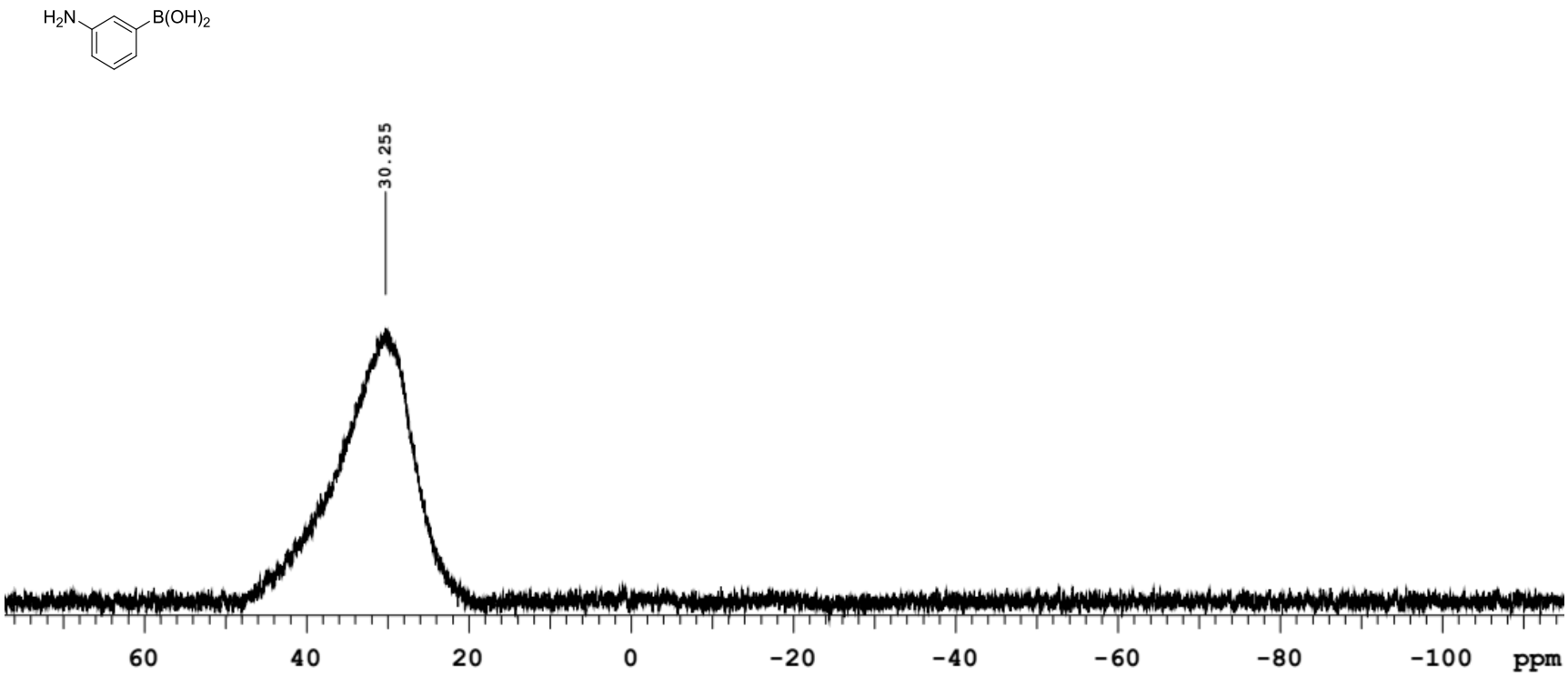

Figure S18. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2f**.

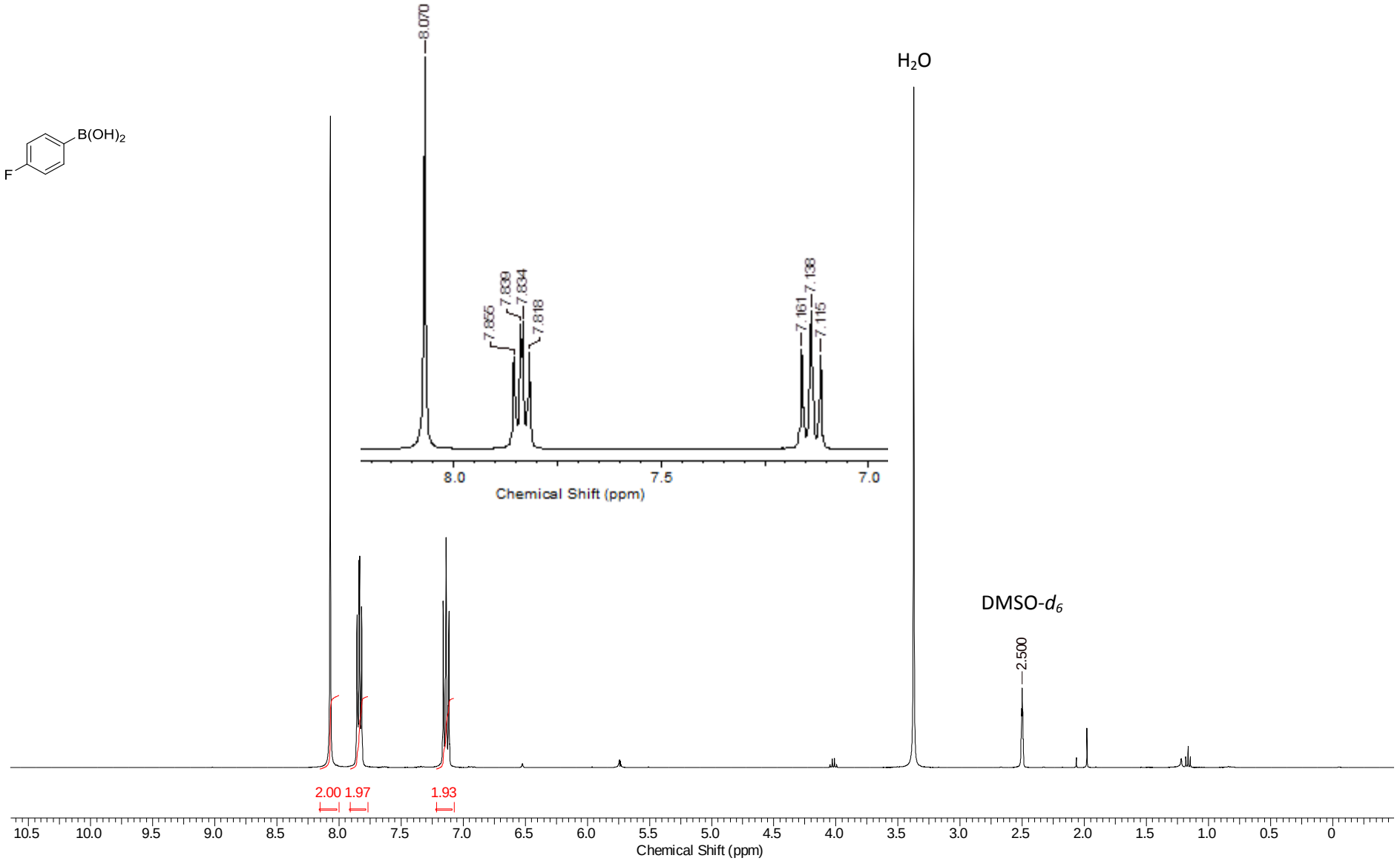

Figure S19. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2g**.

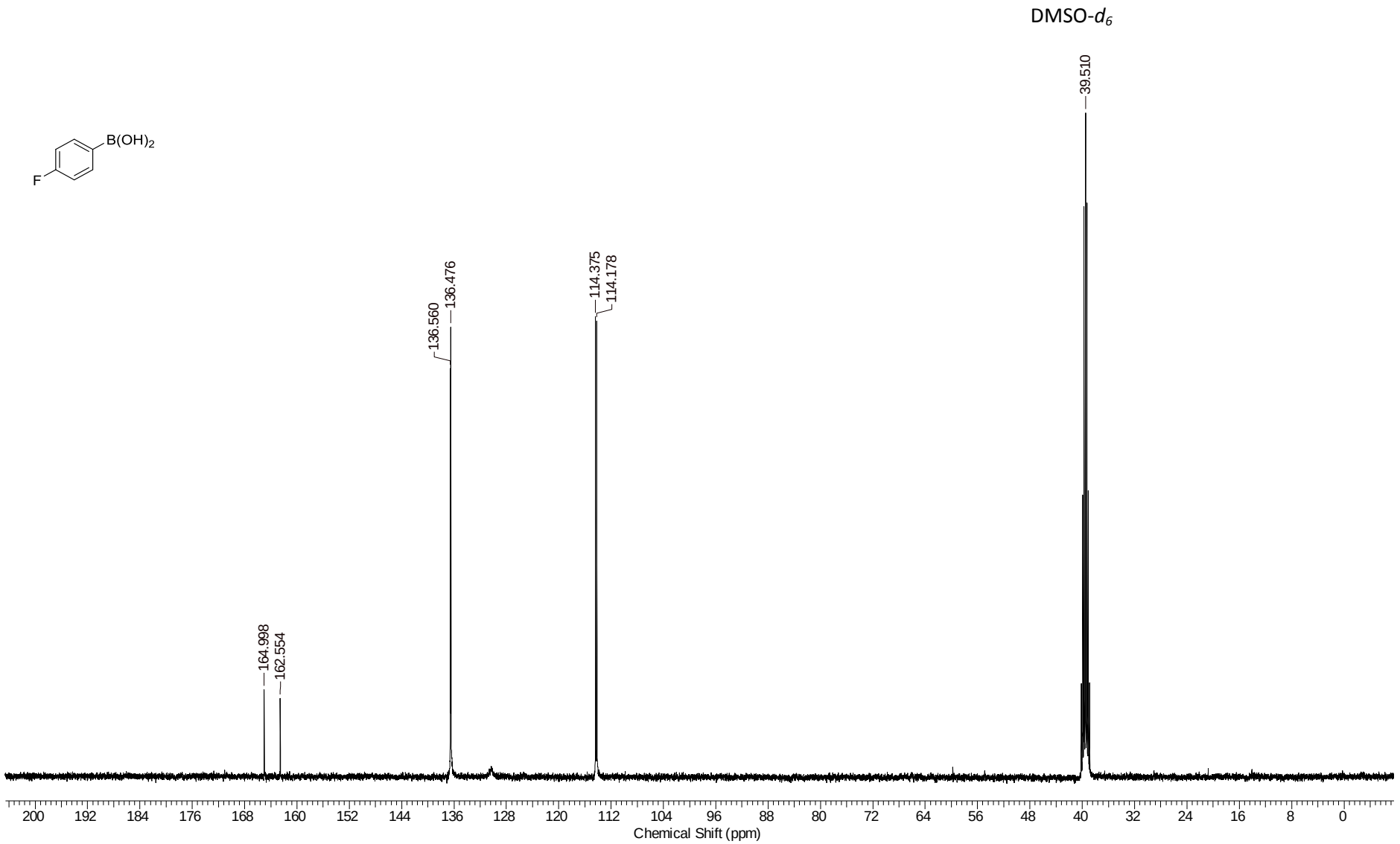

Figure S20. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2g**.

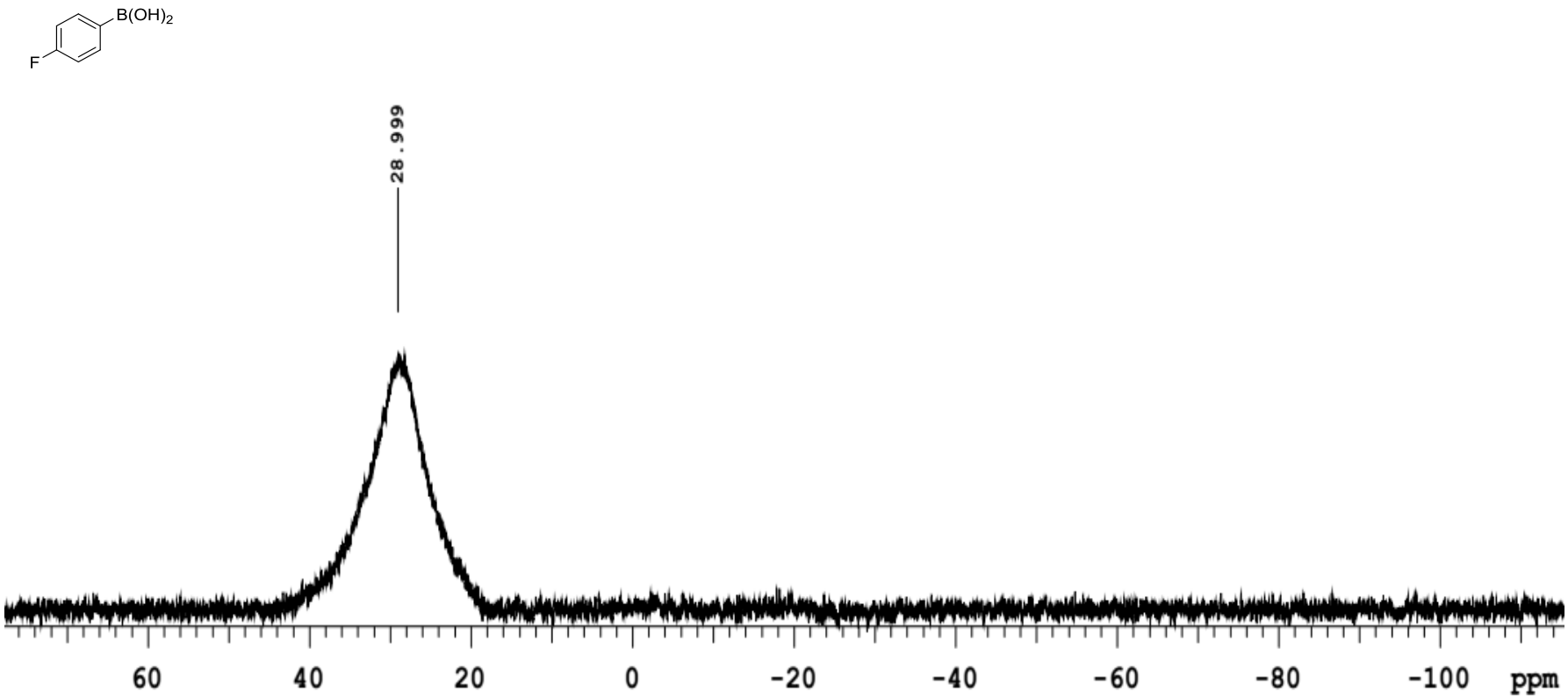

Figure S21. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2g**.

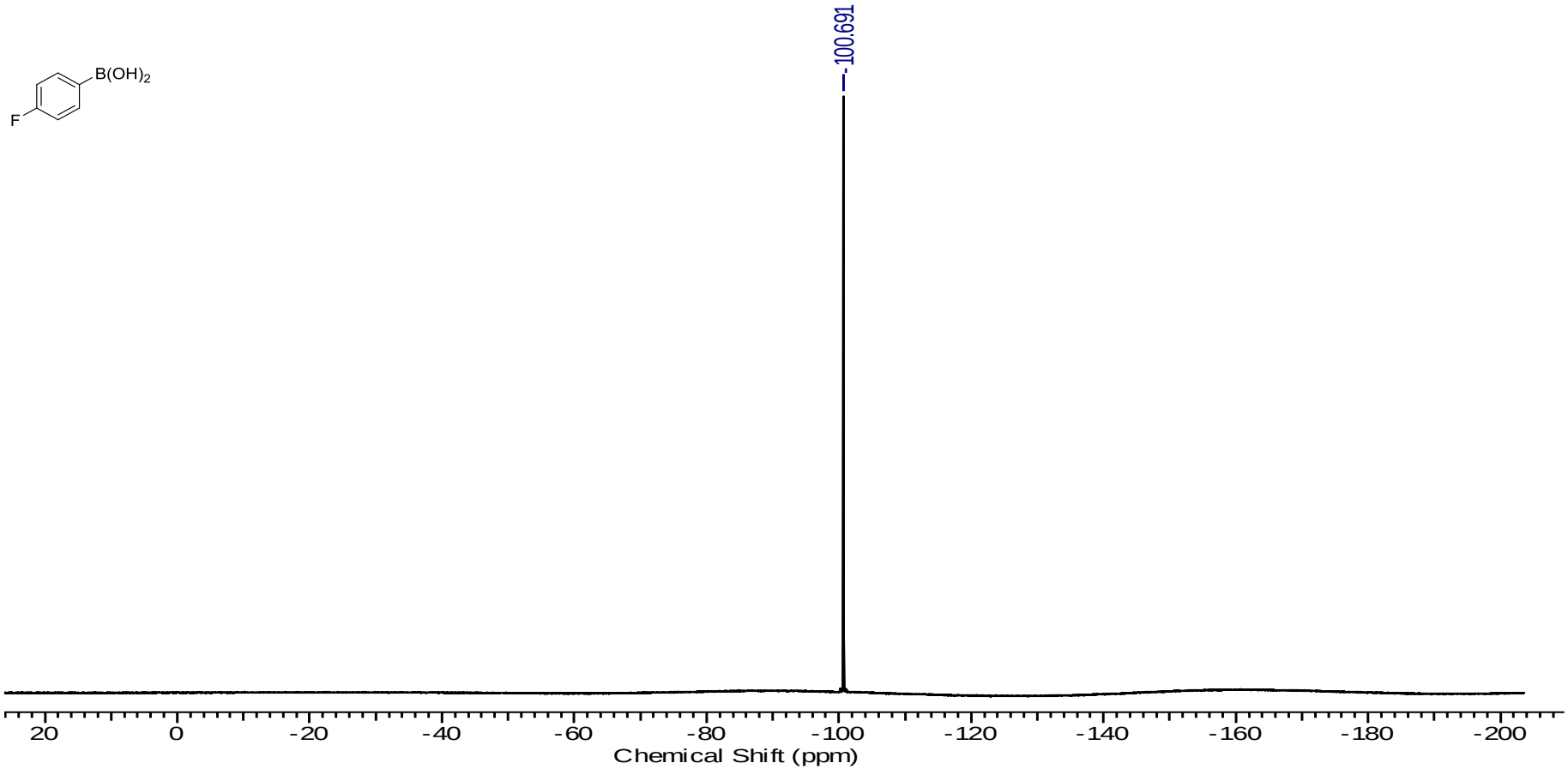

Figure S22. ^{19}F NMR spectrum (376 MHz, DMSO-d_6) of compound **2g**.

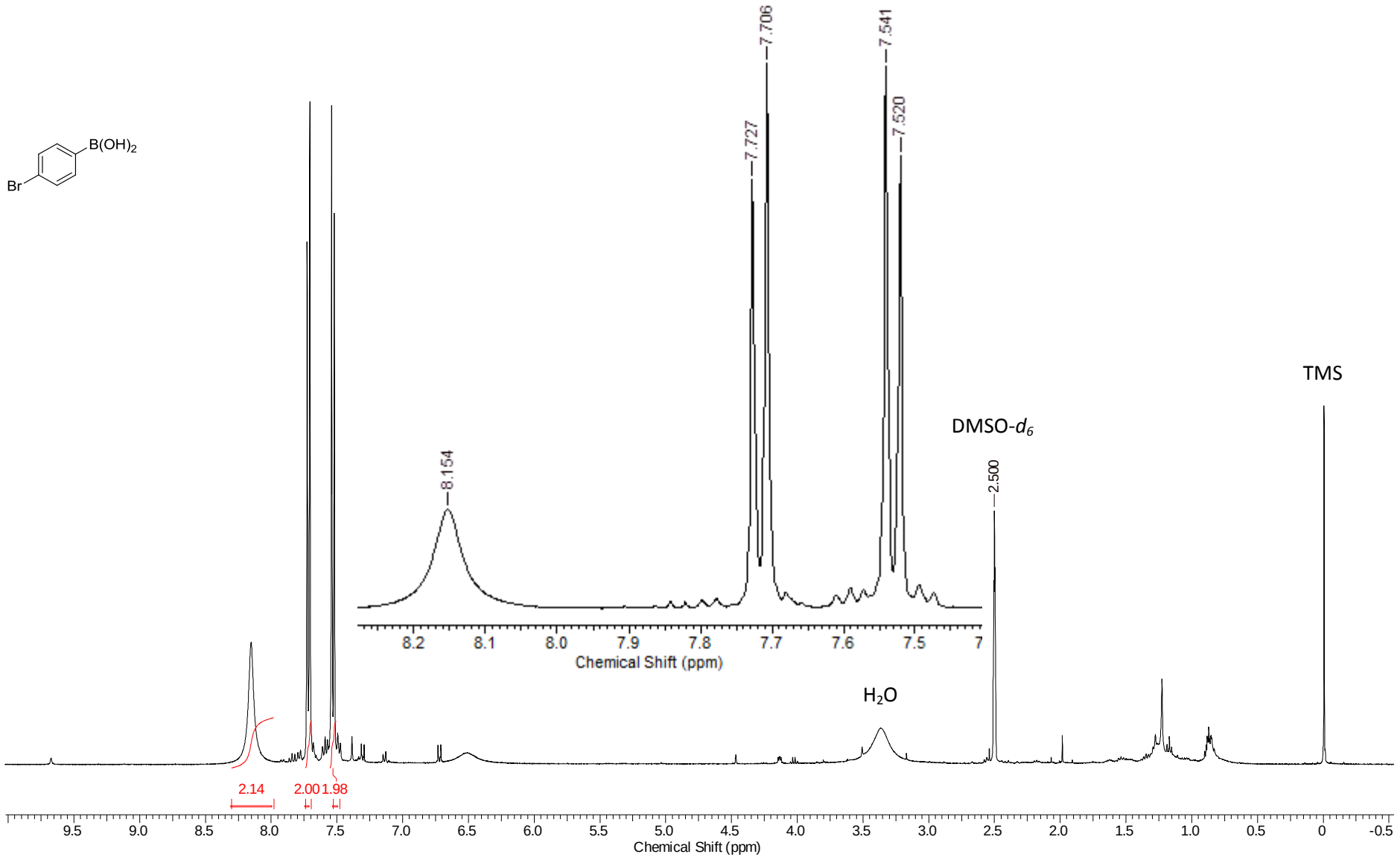

Figure S23. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2h**.

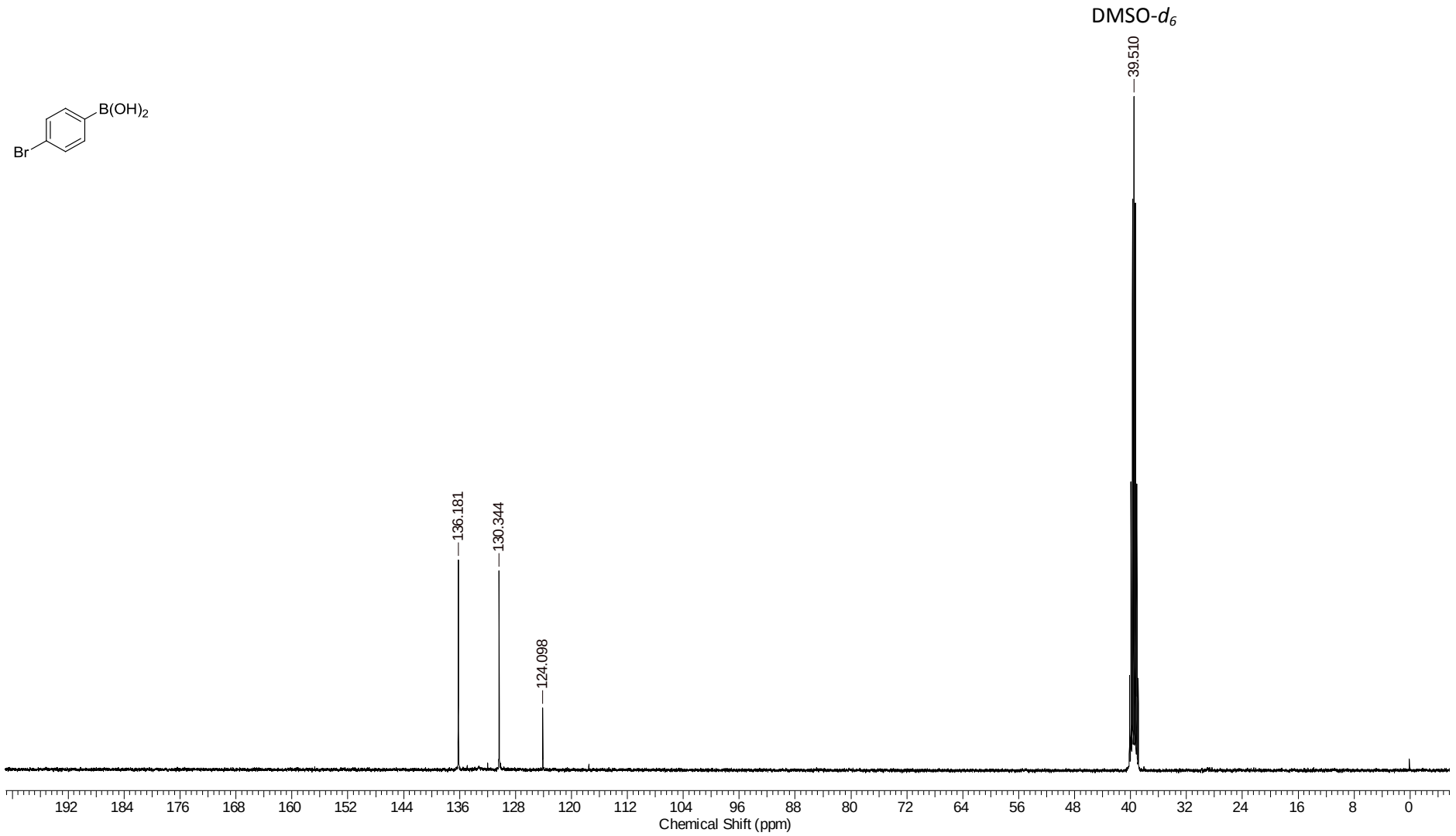

Figure S24. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2h**.

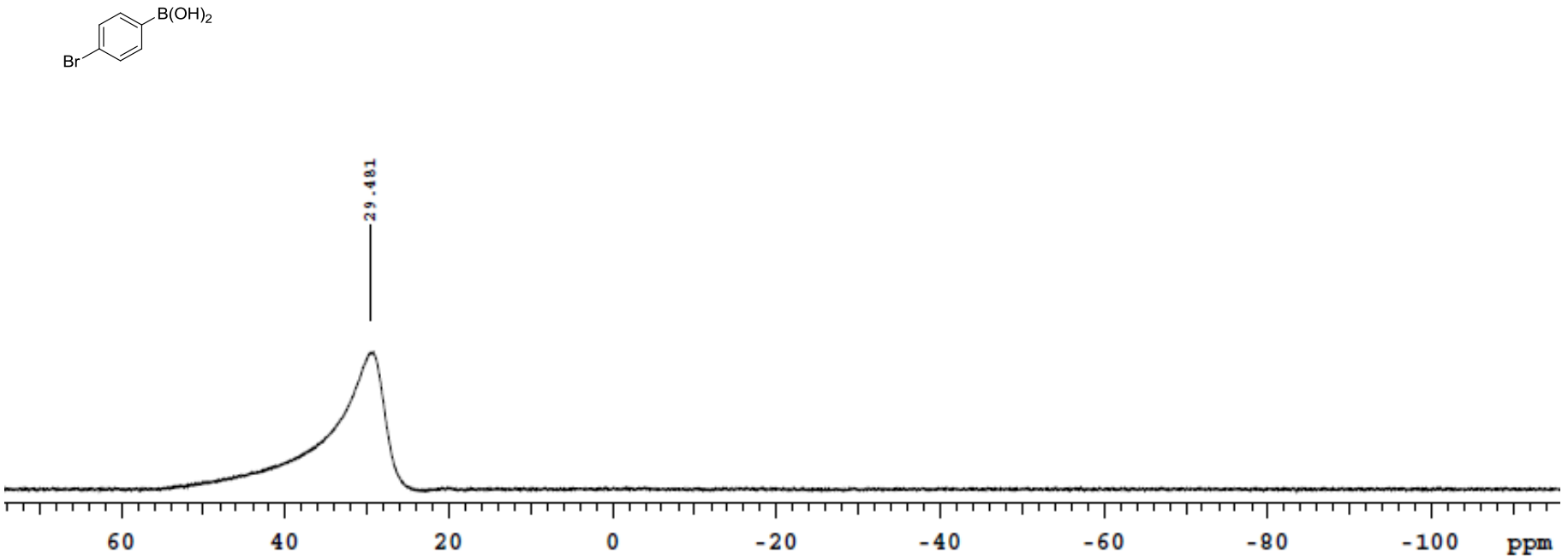

Figure S25. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2h**.

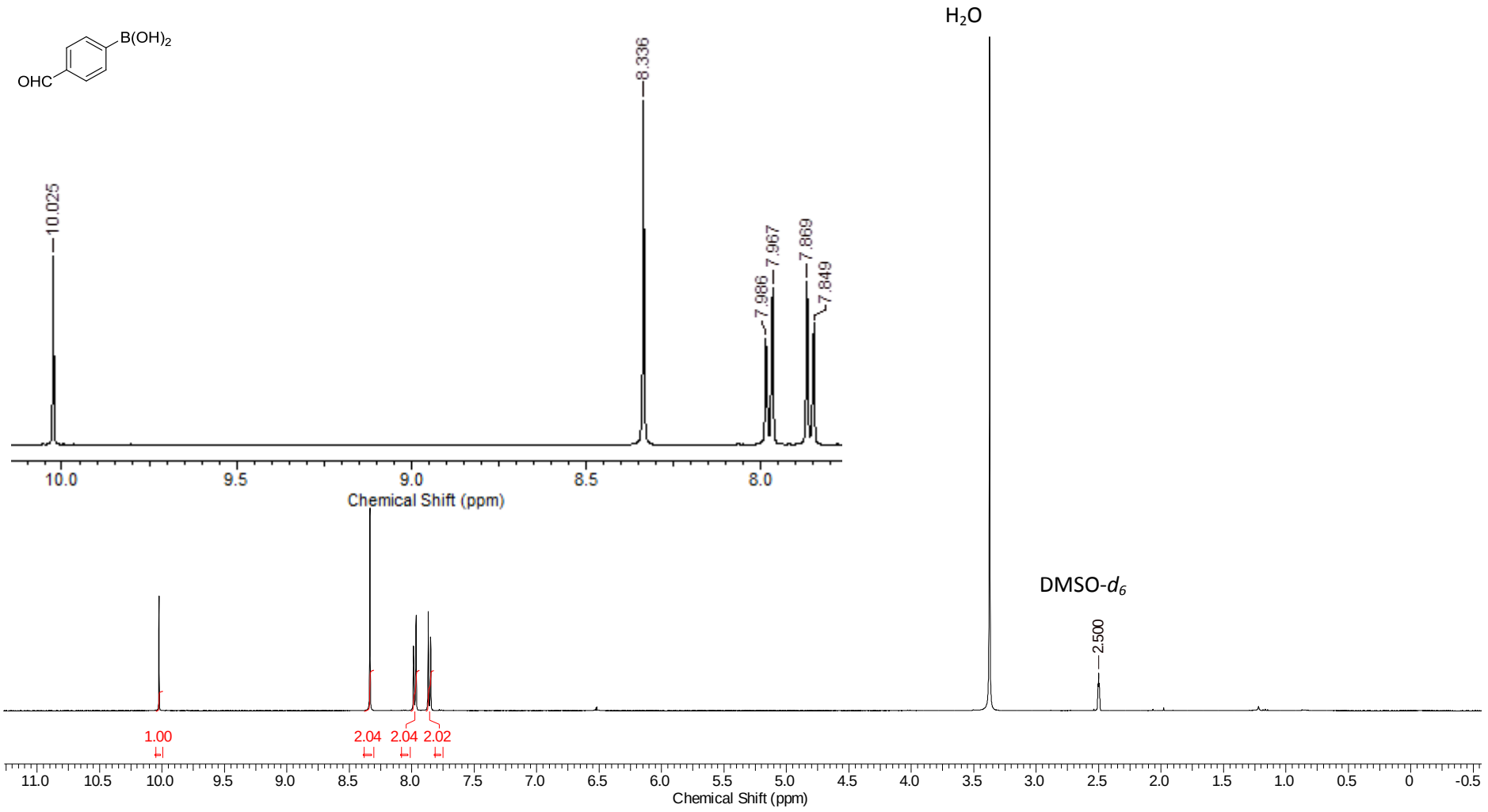

Figure S26. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2i**.

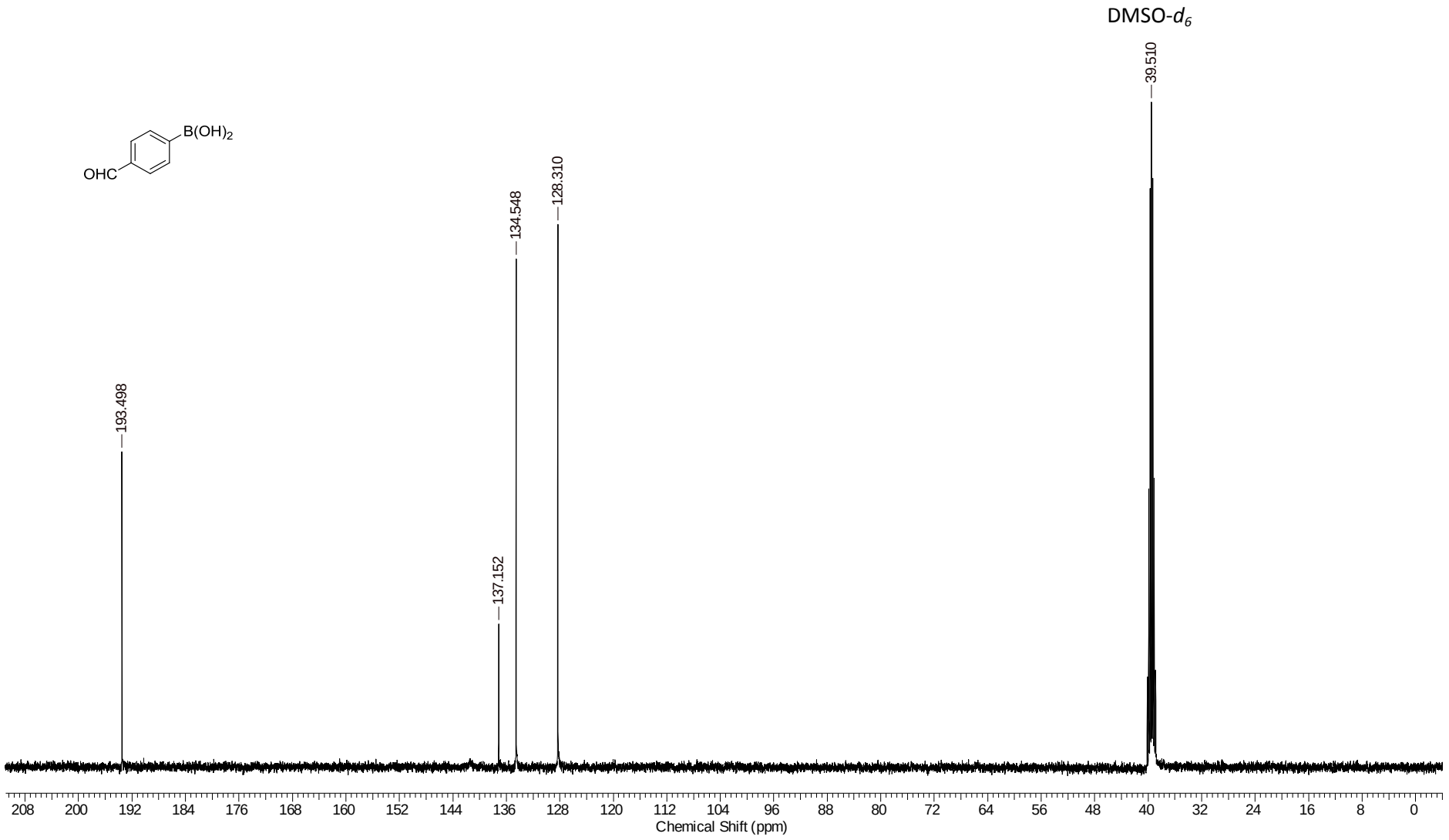

Figure S27. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2i**.

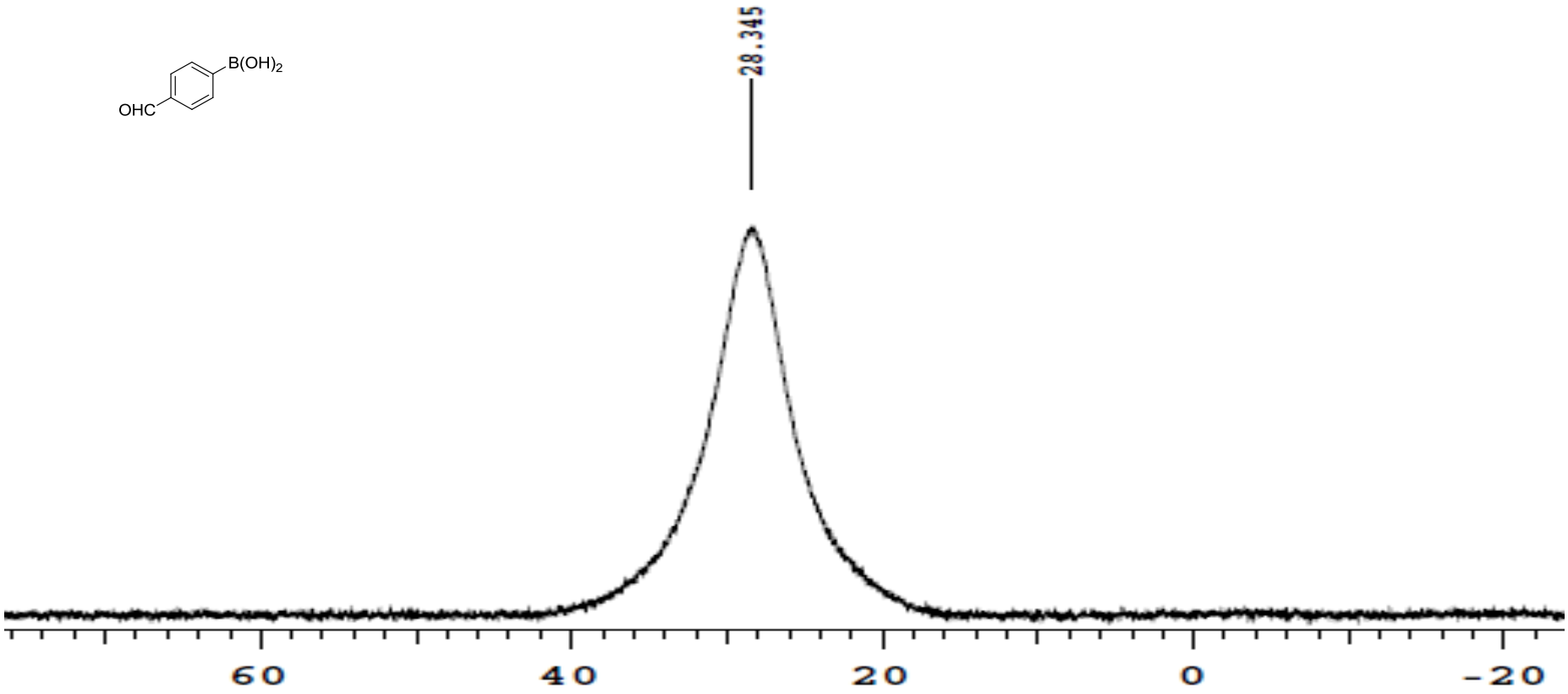

Figure S28. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2i**.

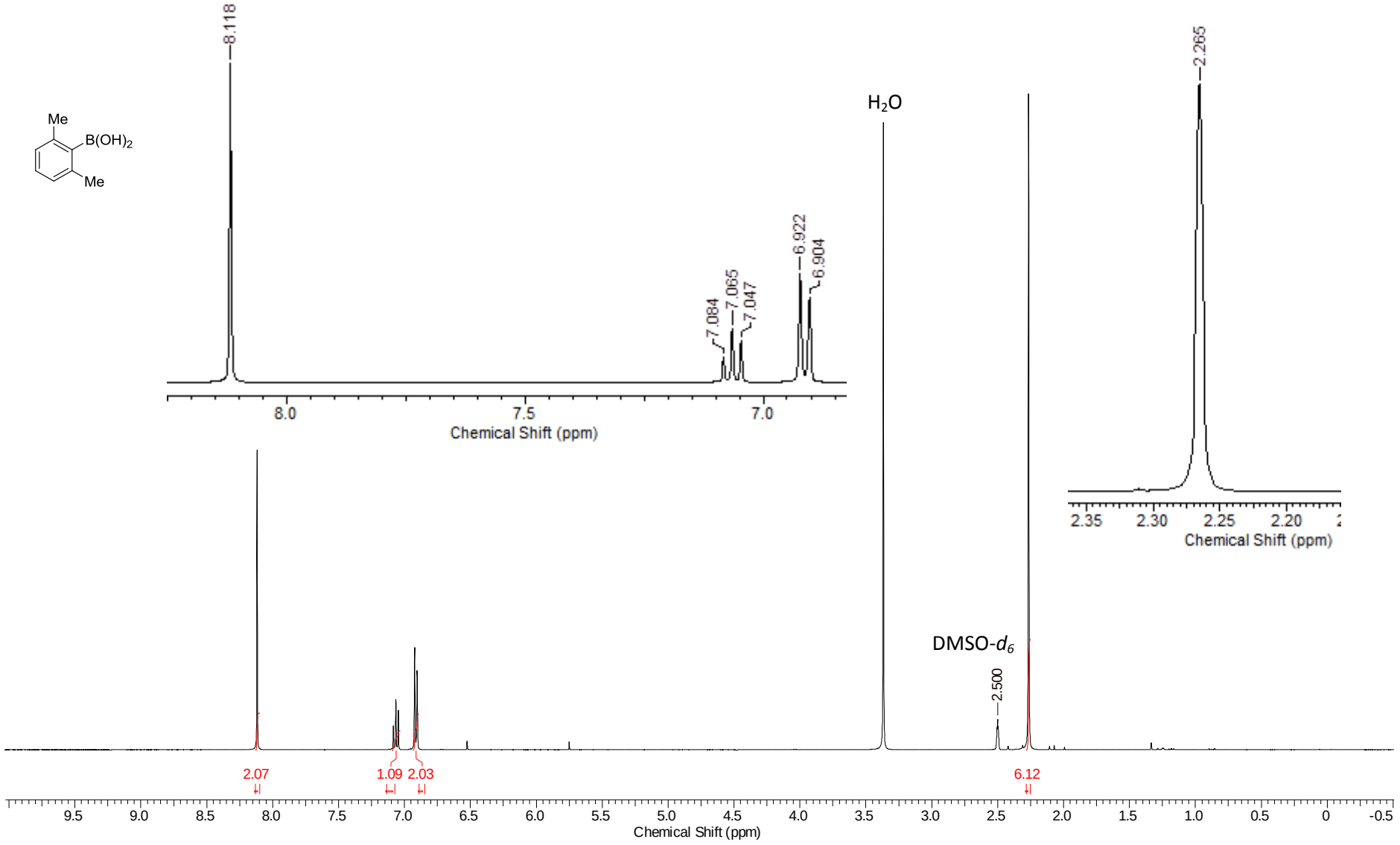

Figure S29. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2j**.

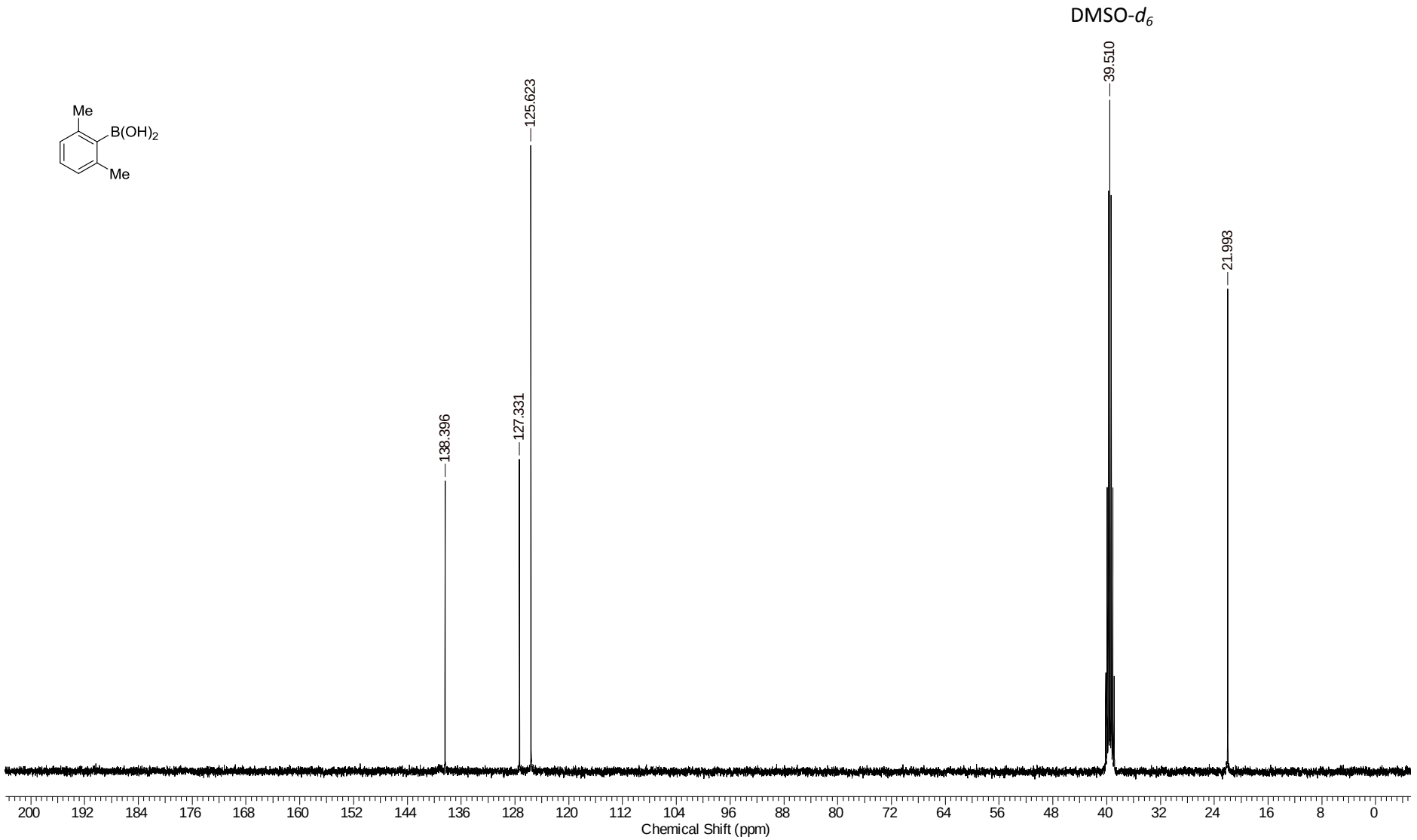

Figure S30. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2j**.

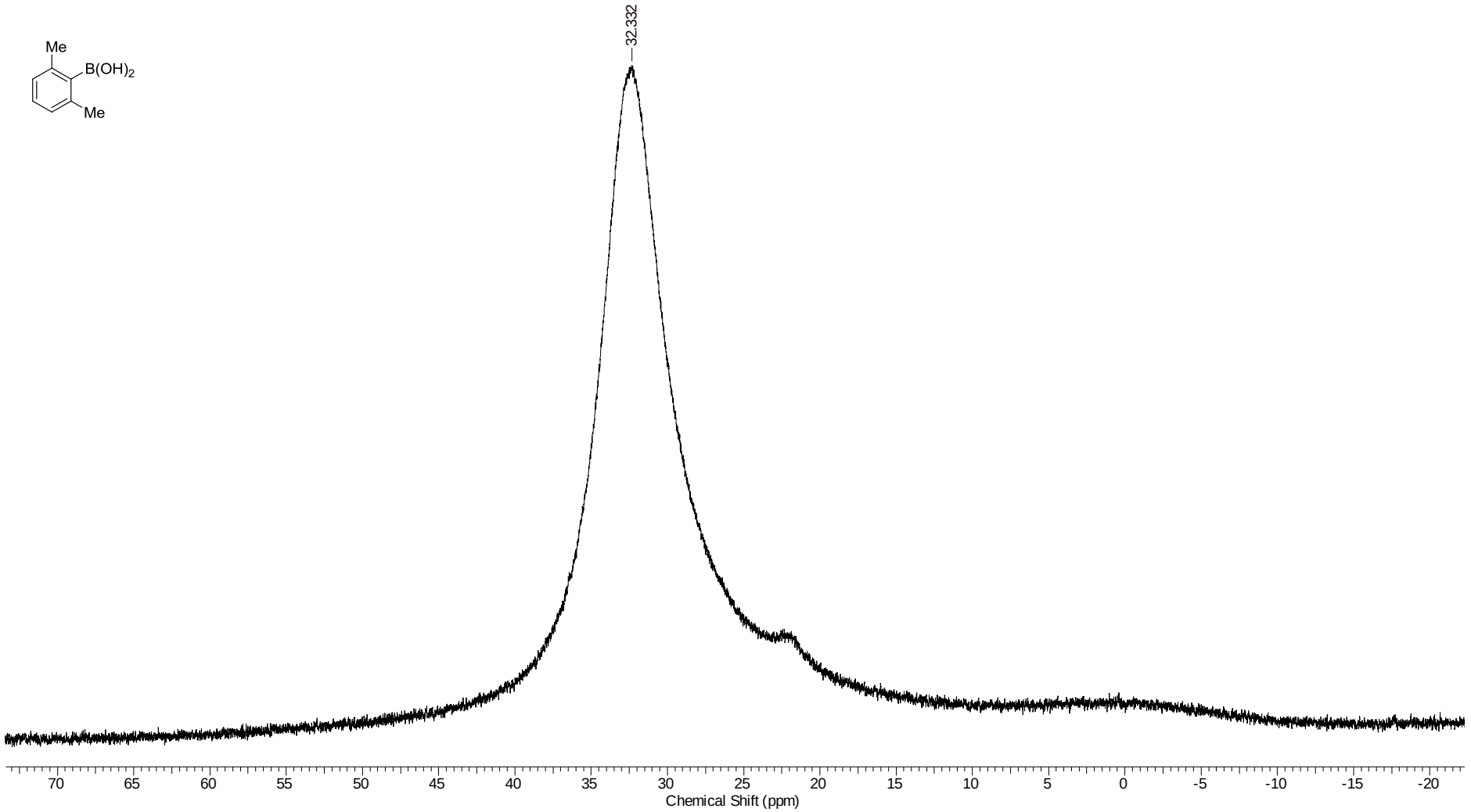

Figure S31. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2j**.

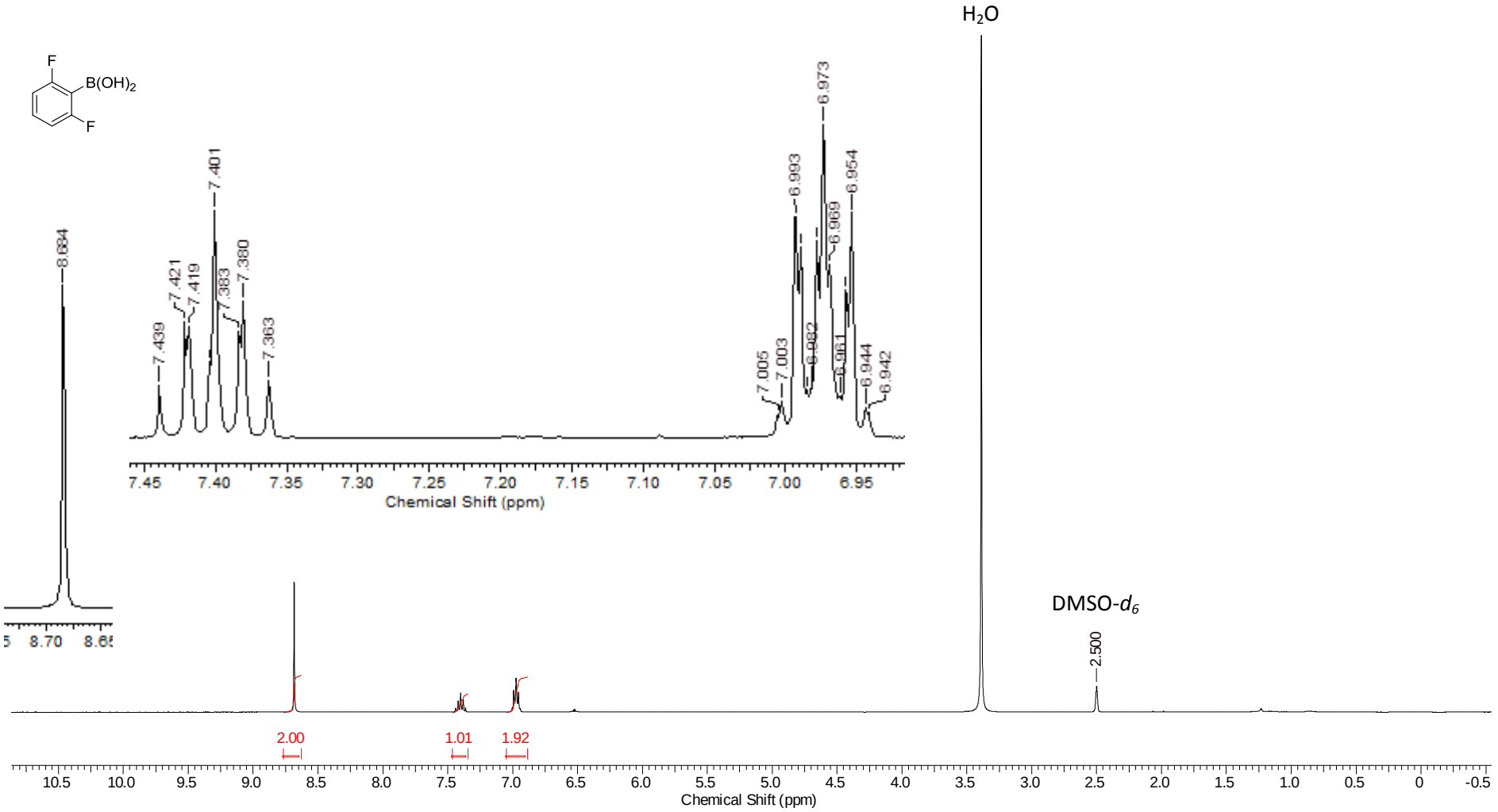

Figure S32. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2k**.

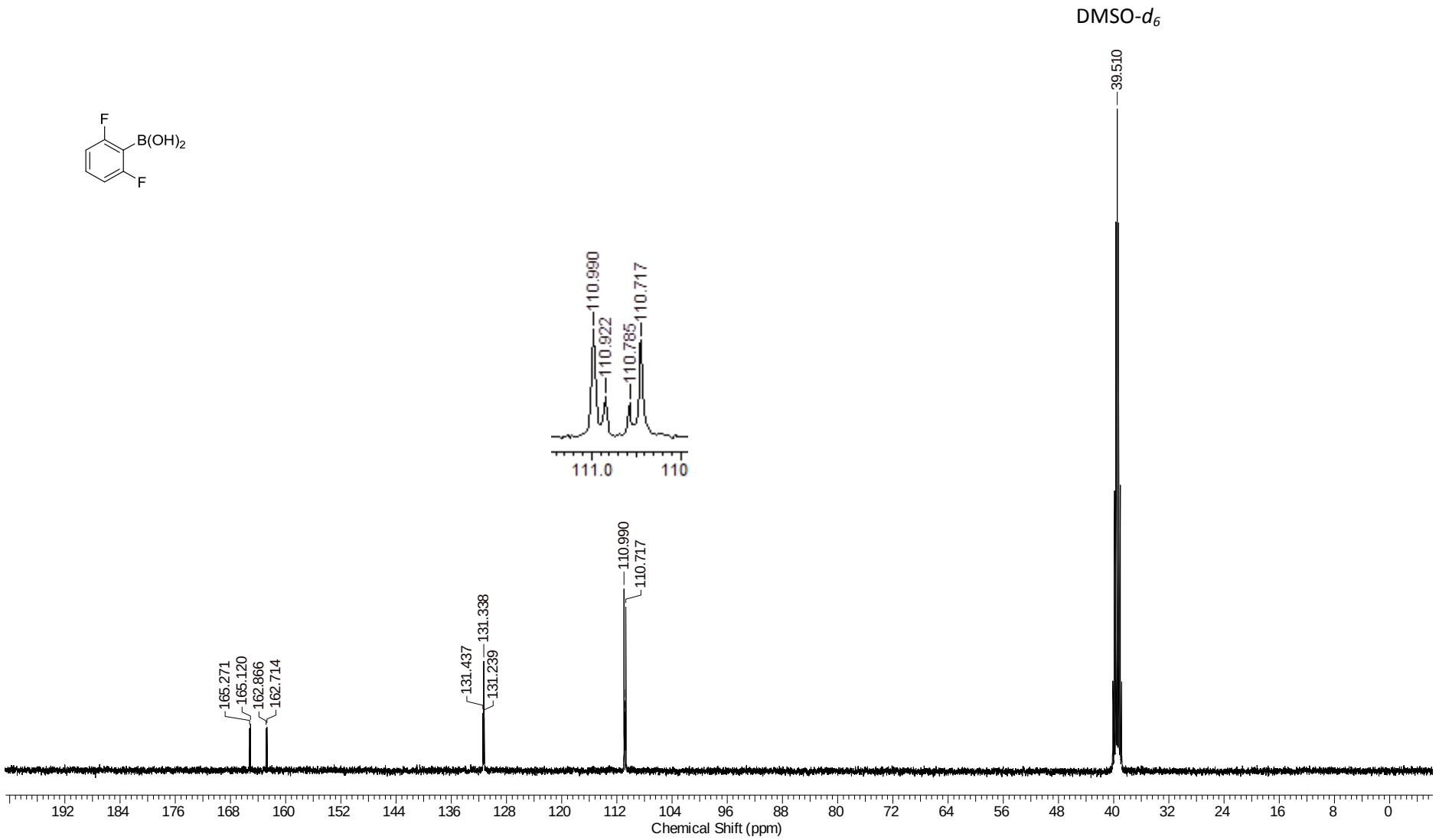

Figure S33. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2k**.

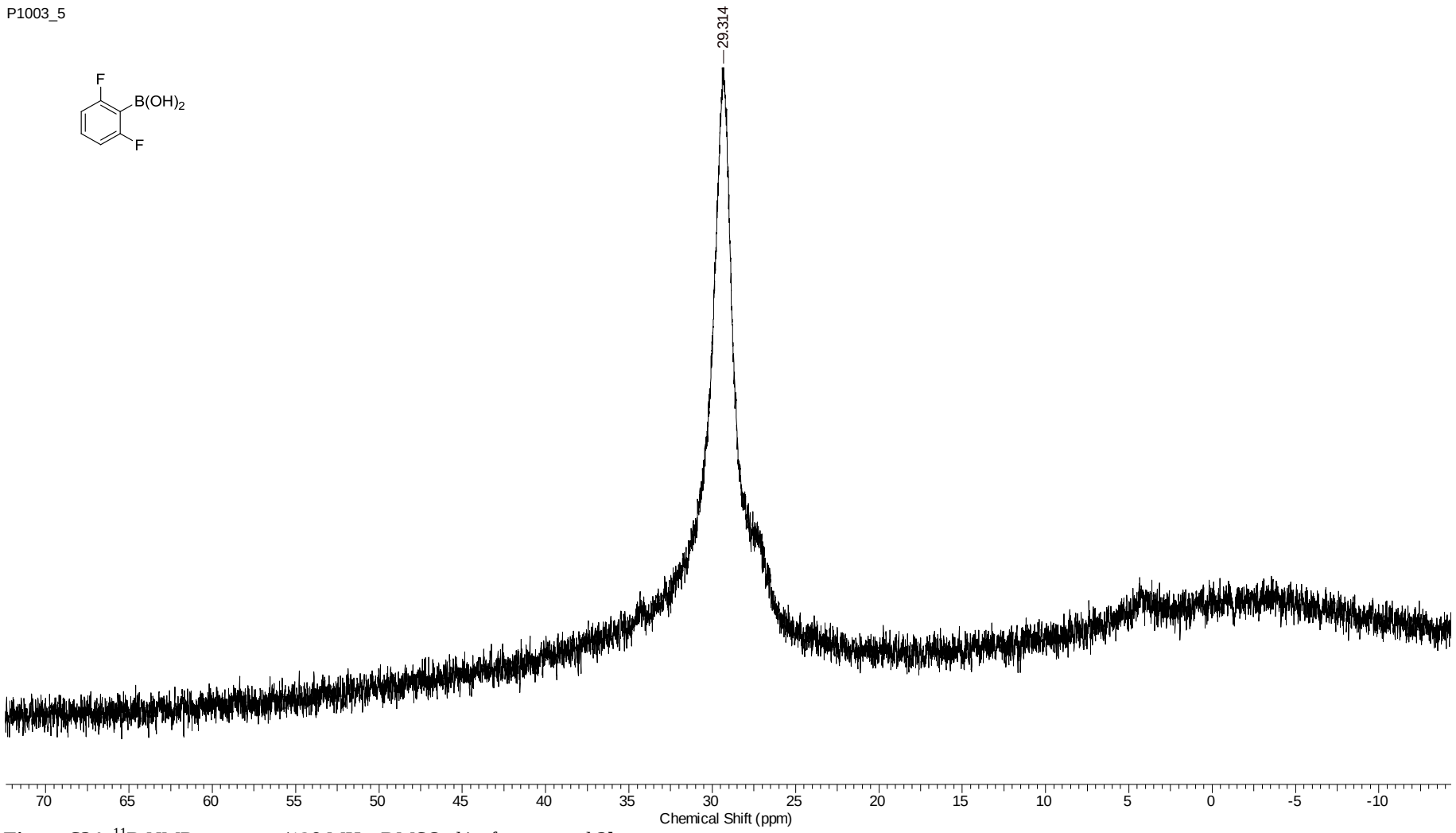

Figure S34. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2k**.

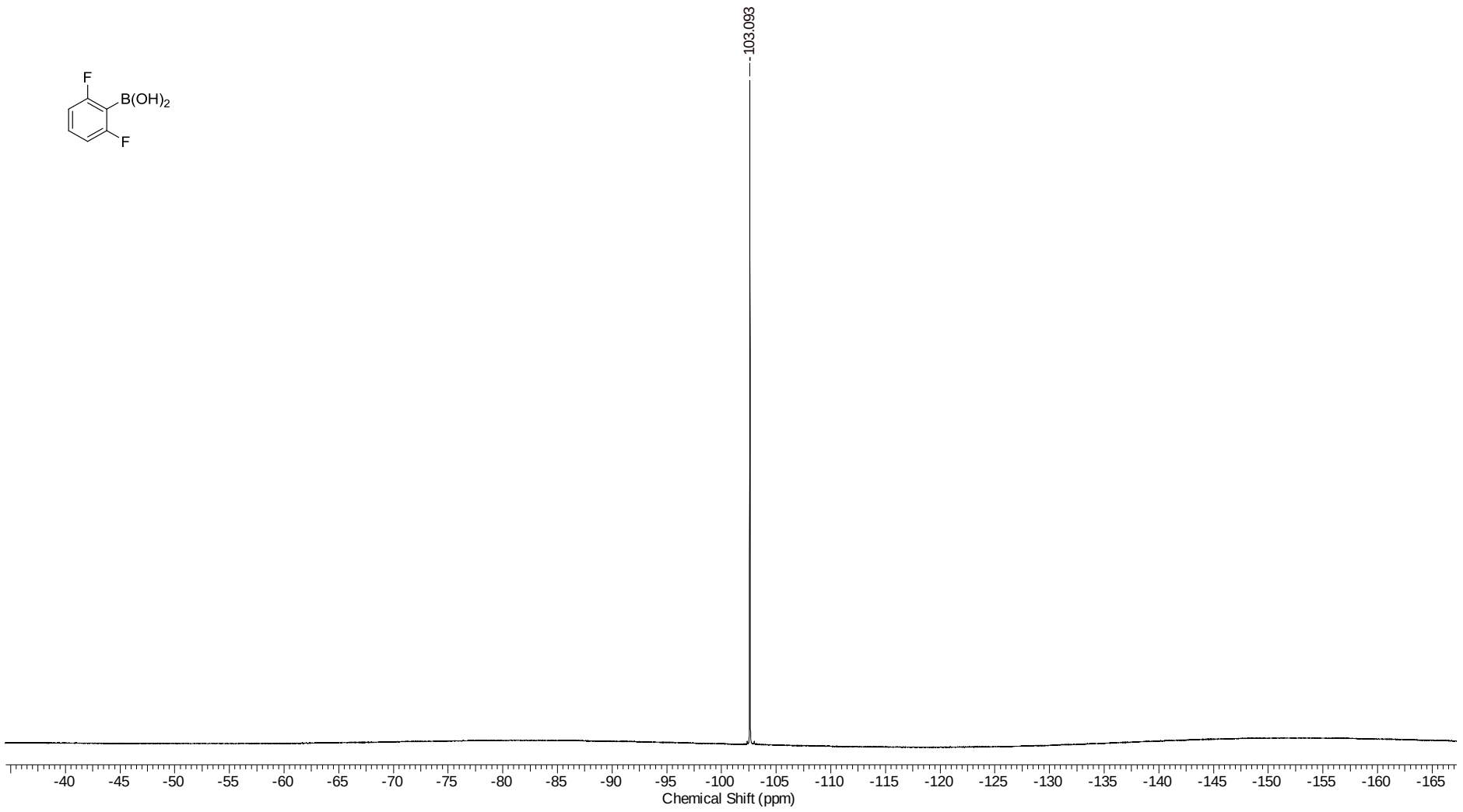

Figure S35. ^{19}F NMR spectrum (376 MHz, DMSO-d_6) of compound **2k**.

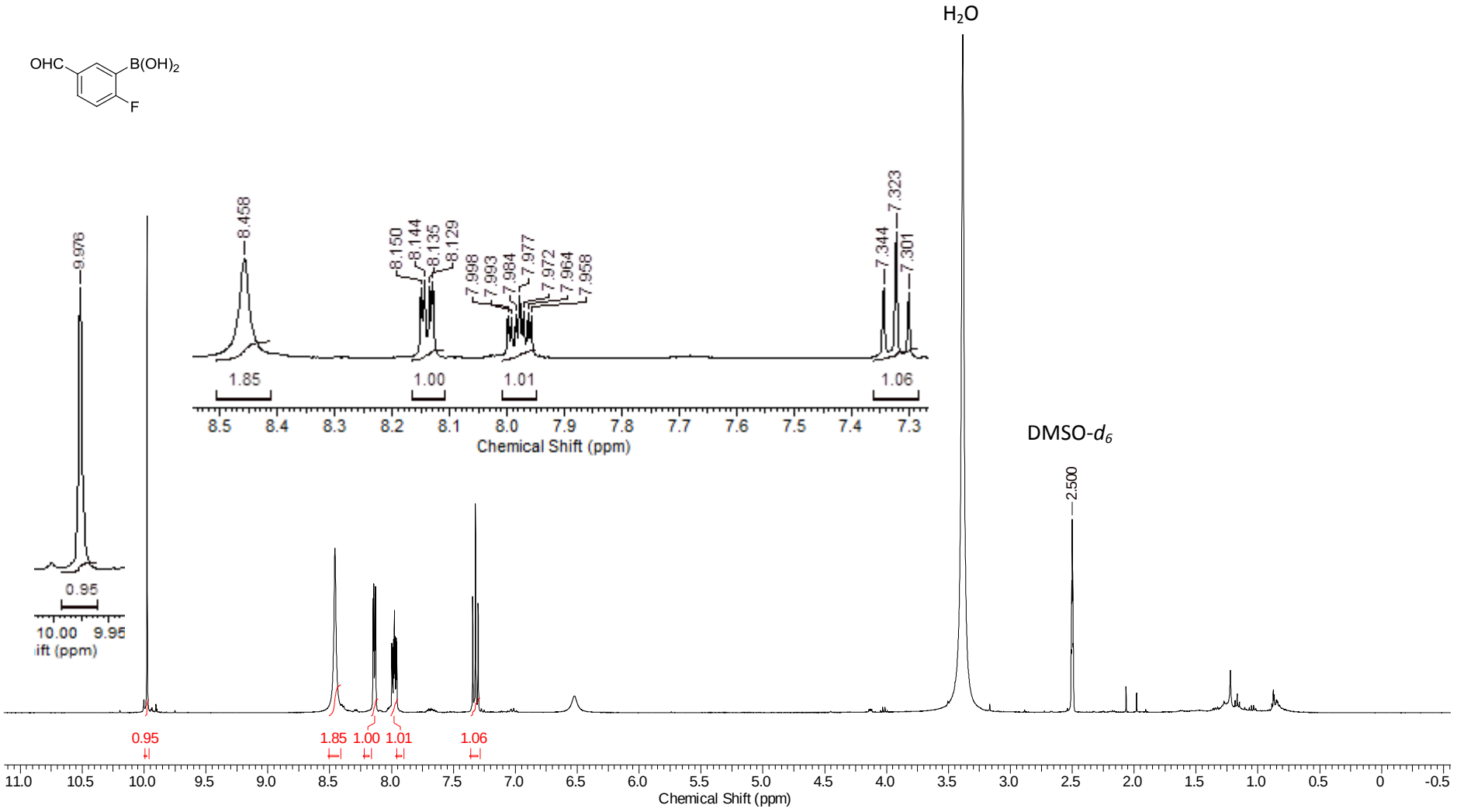

Figure S36. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2l**.

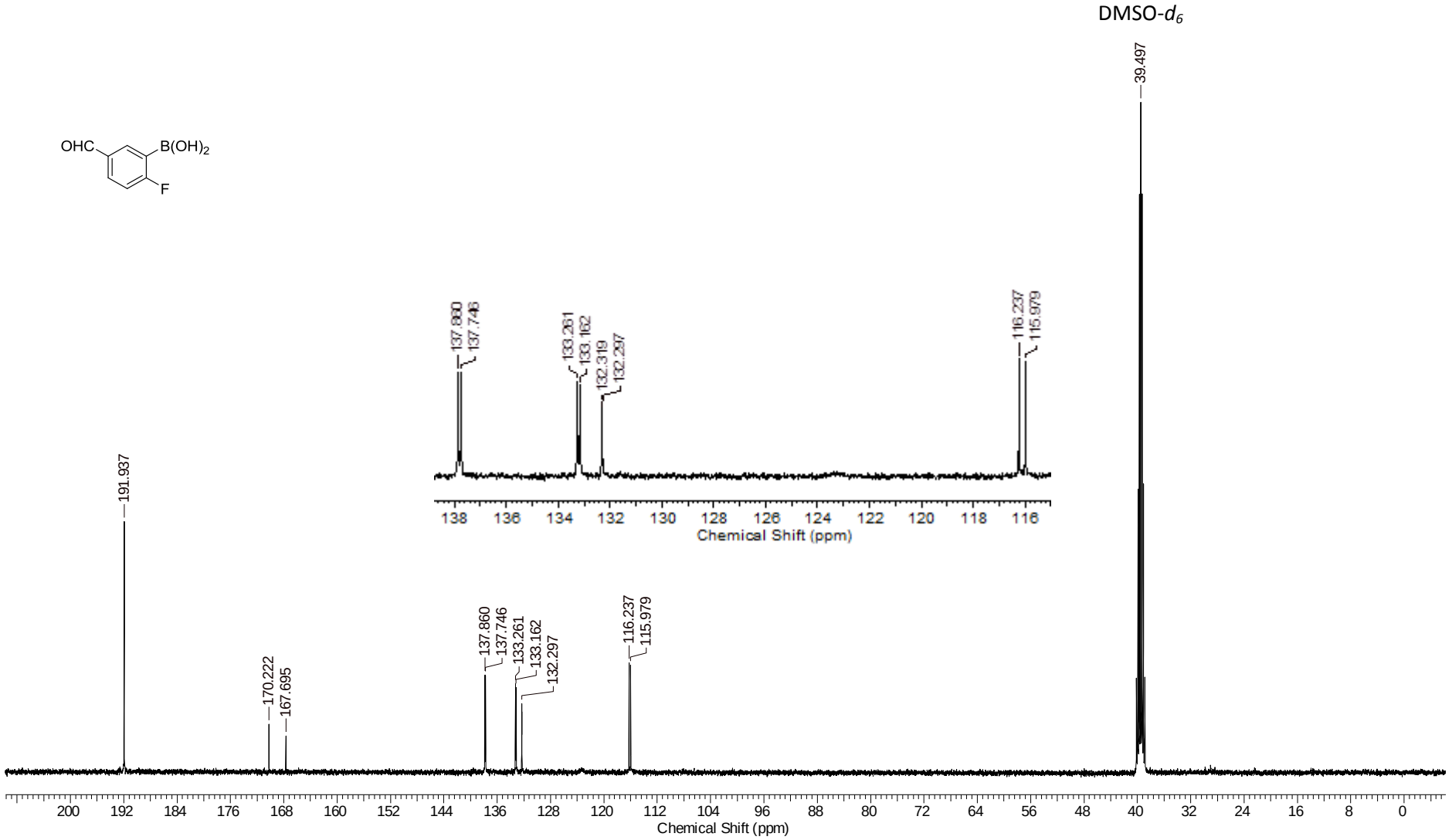

Figure S37. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2l**.

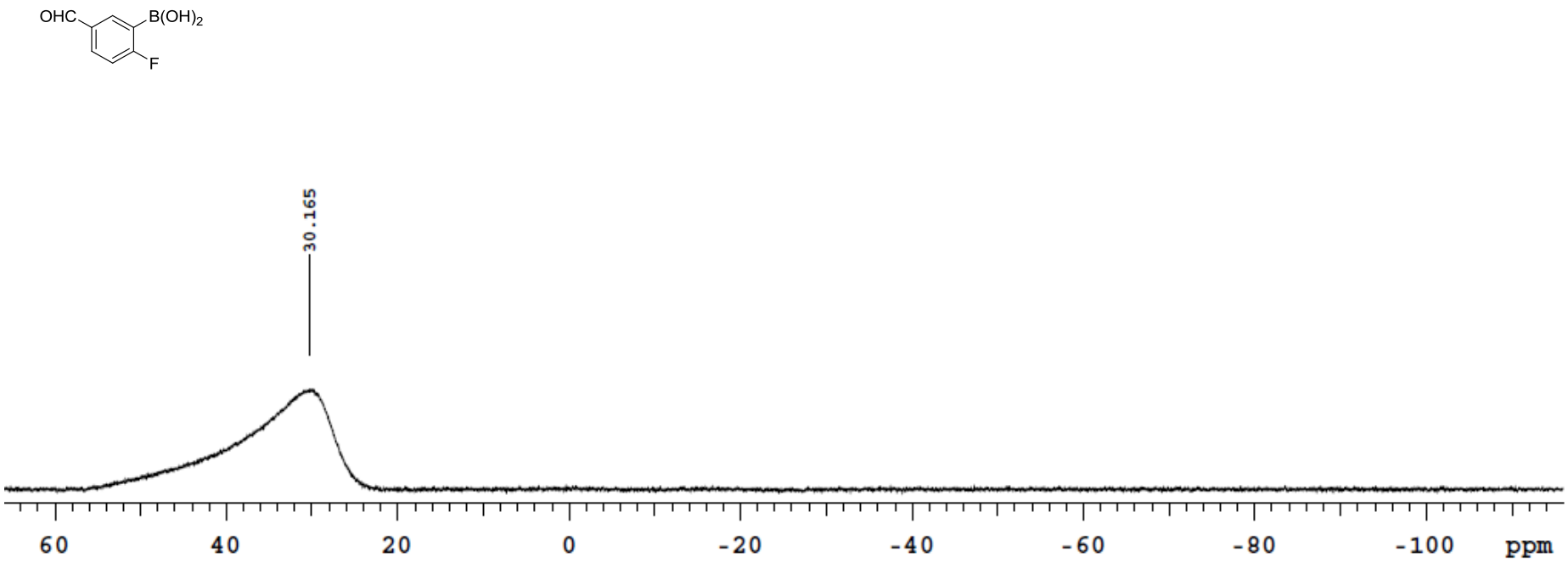

Figure S38. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2l**.

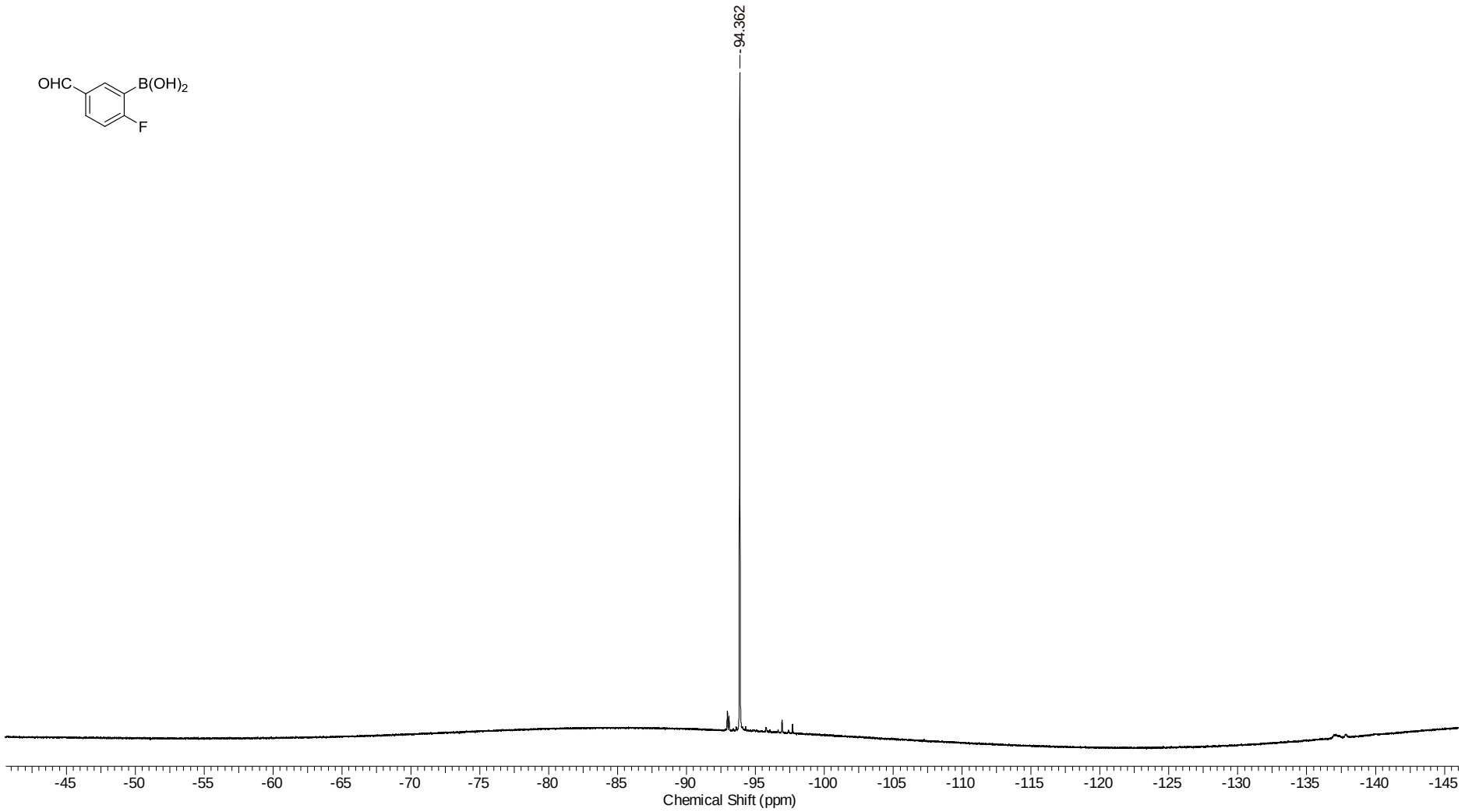

Figure S39. ^{19}F NMR spectrum (376 MHz, DMSO-d_6) of compound **2l**.

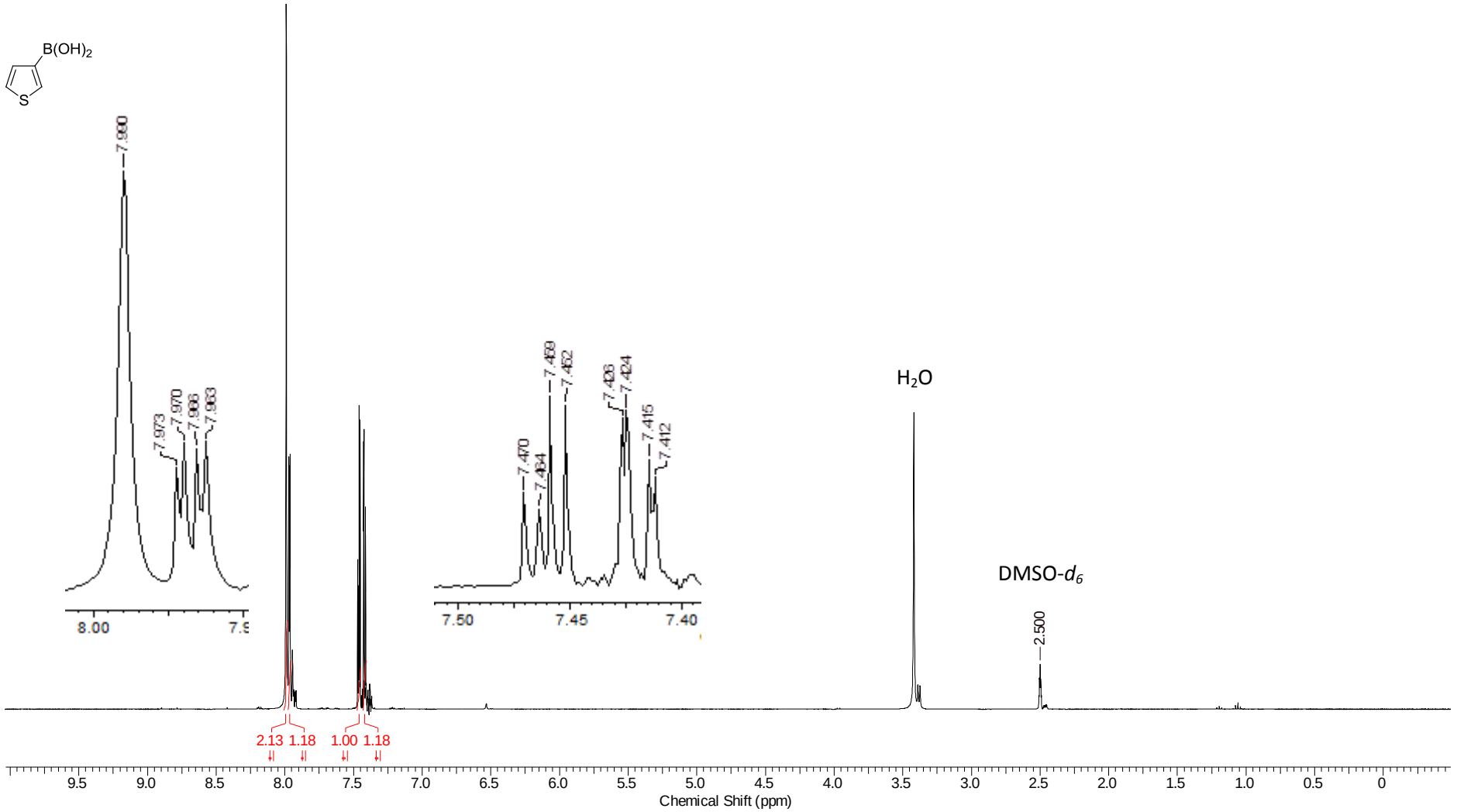

Figure S40. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2m**.

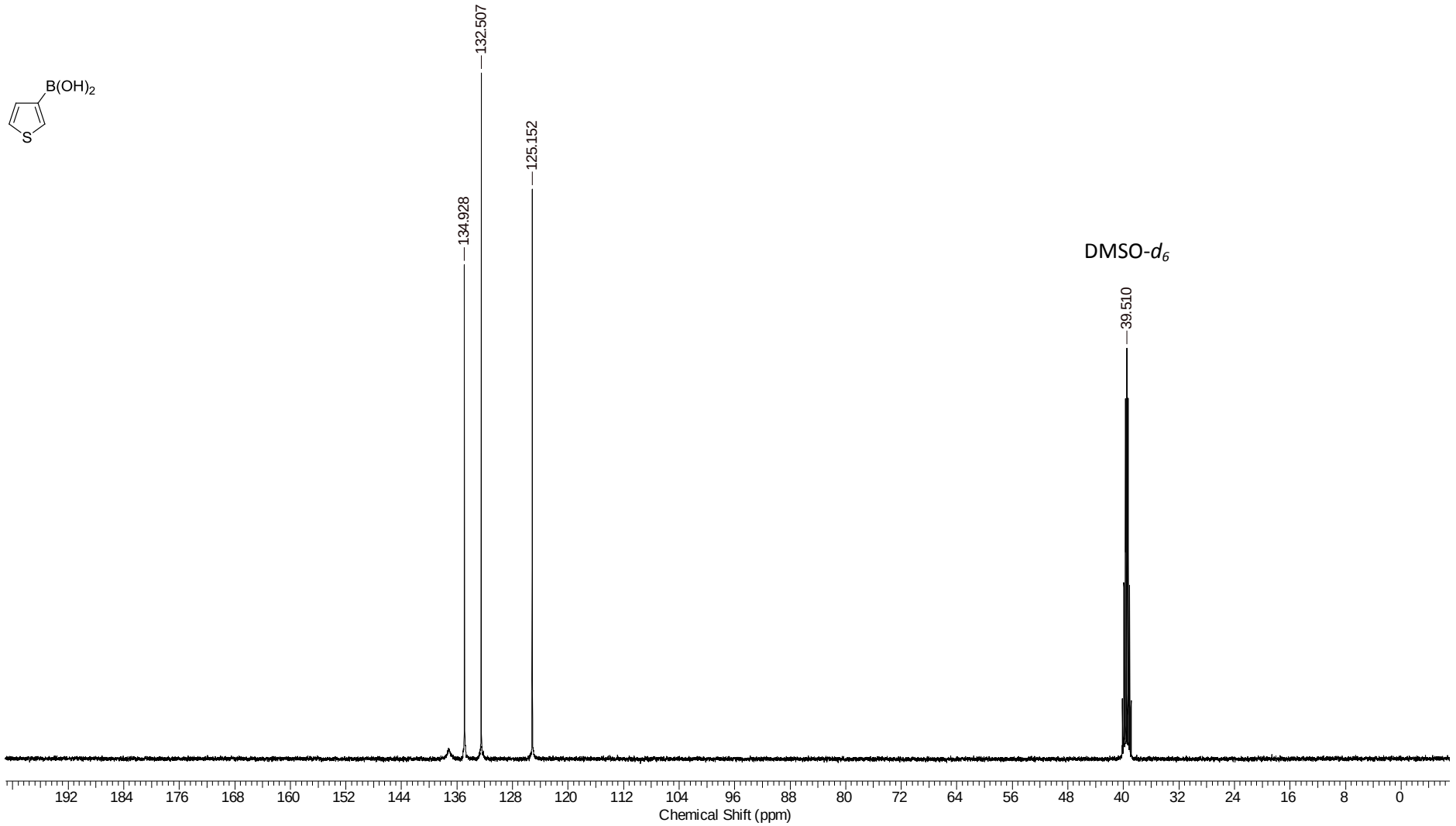

Figure S41. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2m**.

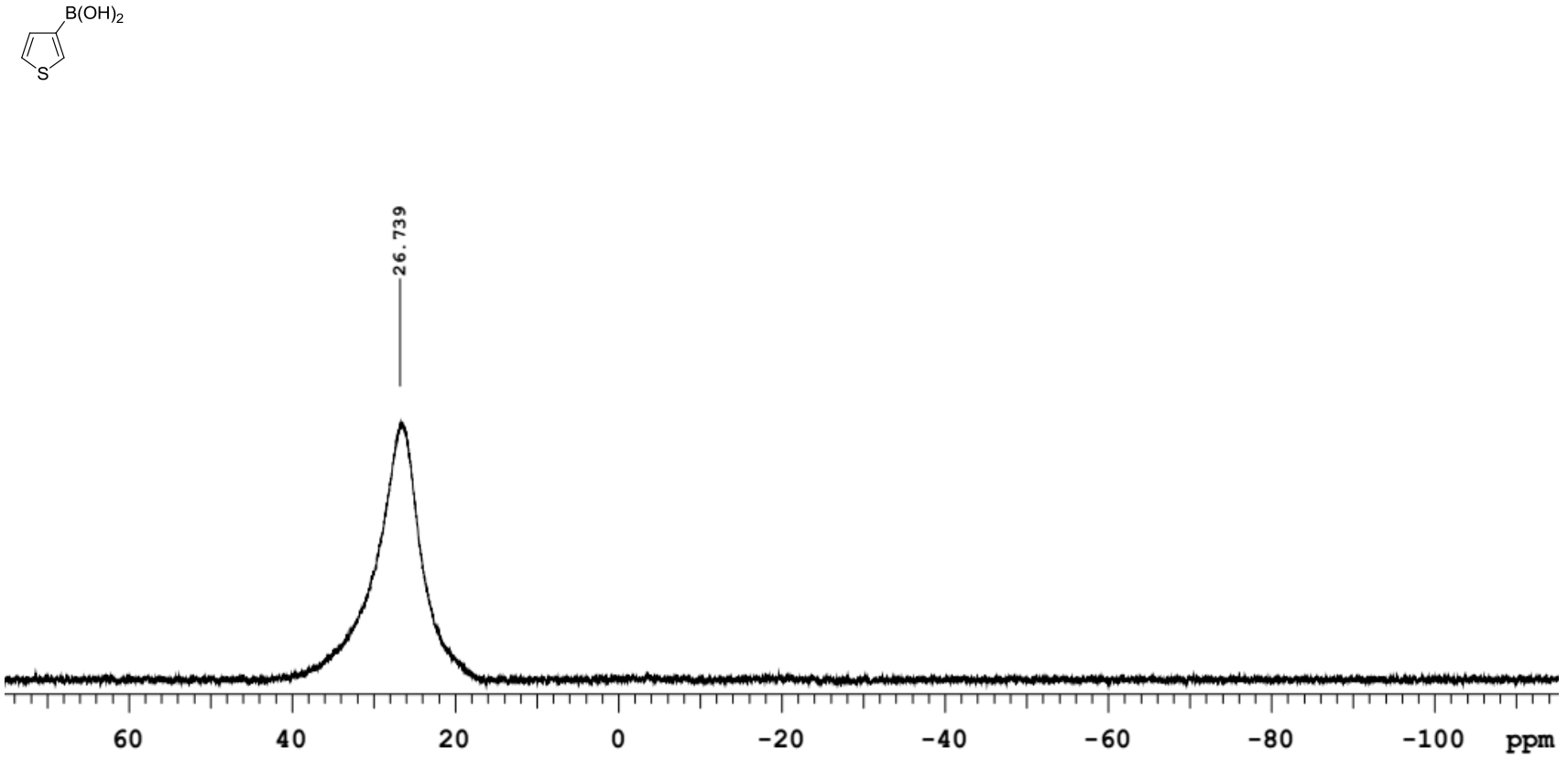

Figure S42. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2m**.

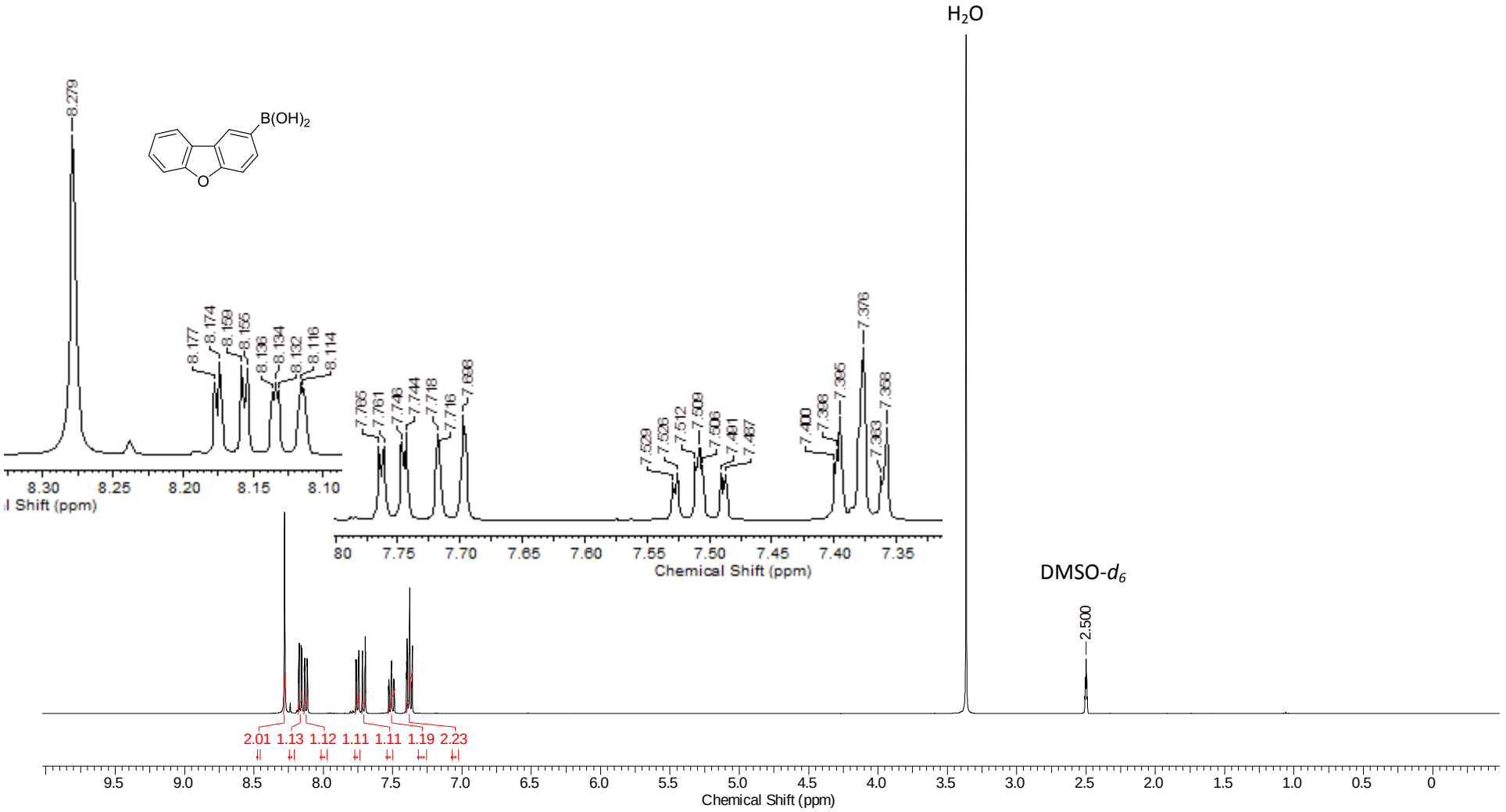

Figure S43. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2n**.

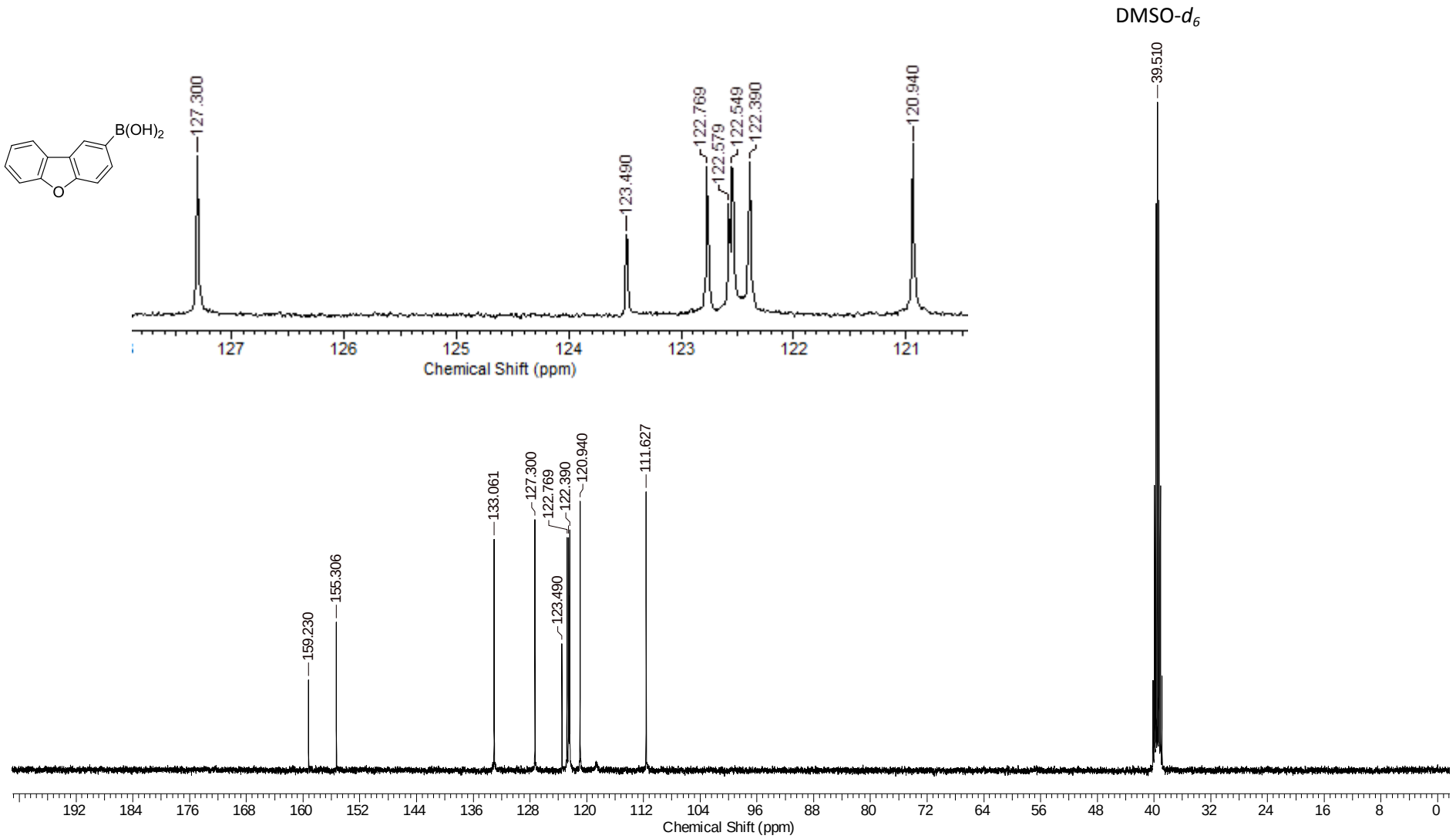

Figure S44. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2n**.

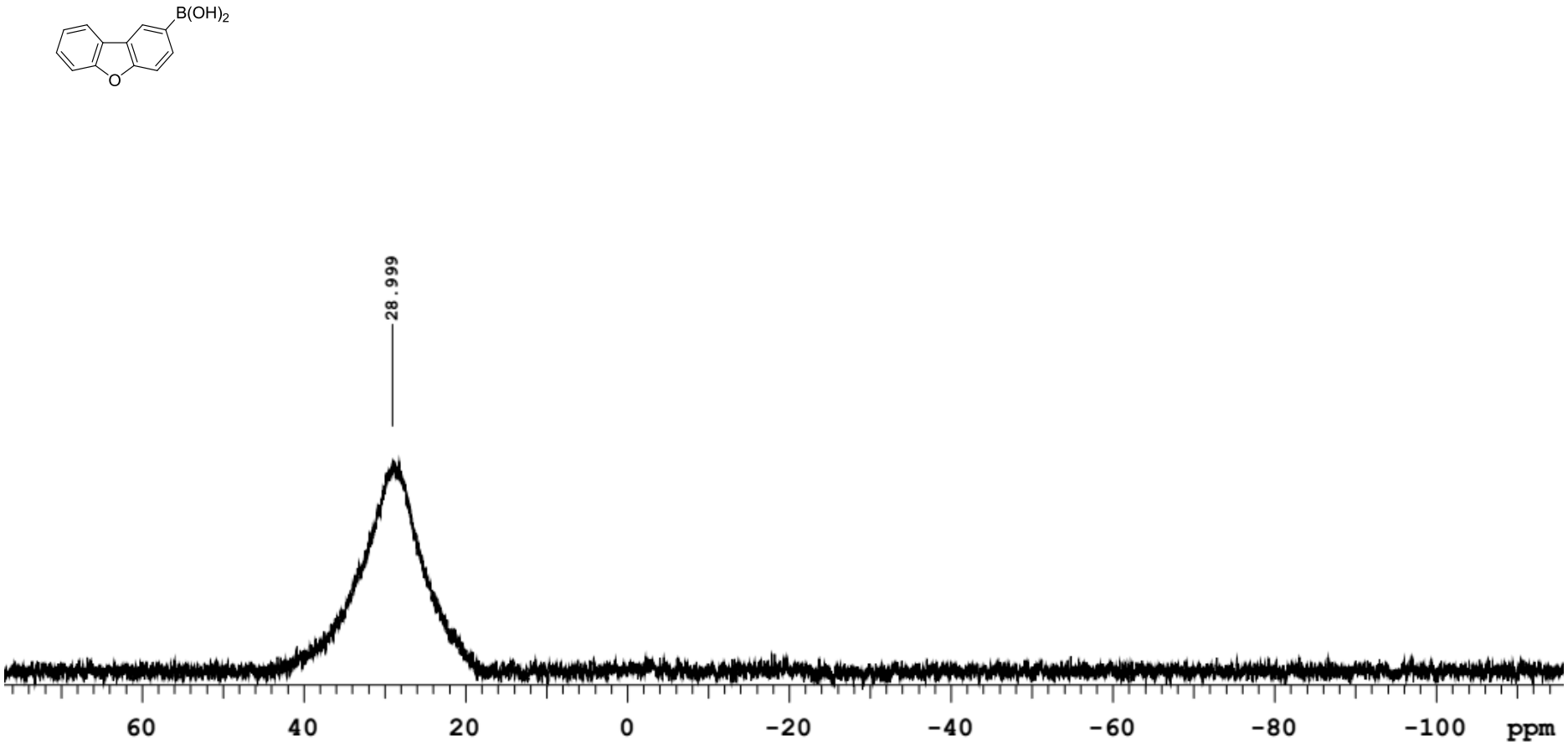

Figure S45. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2n**.

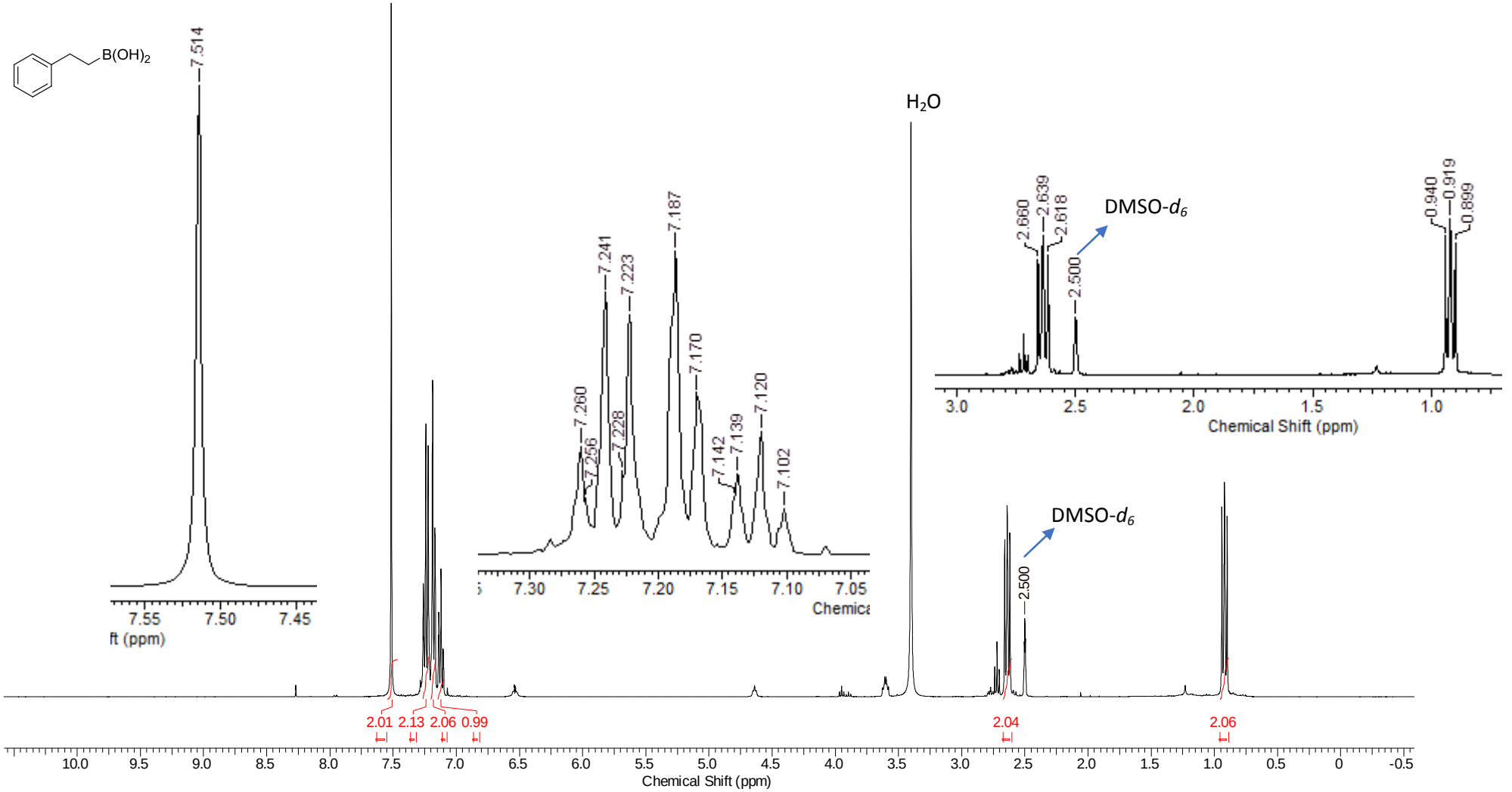

Figure S46. ^{1}H NMR spectrum (400 MHz, DMSO-d_6) of compound **2o**.

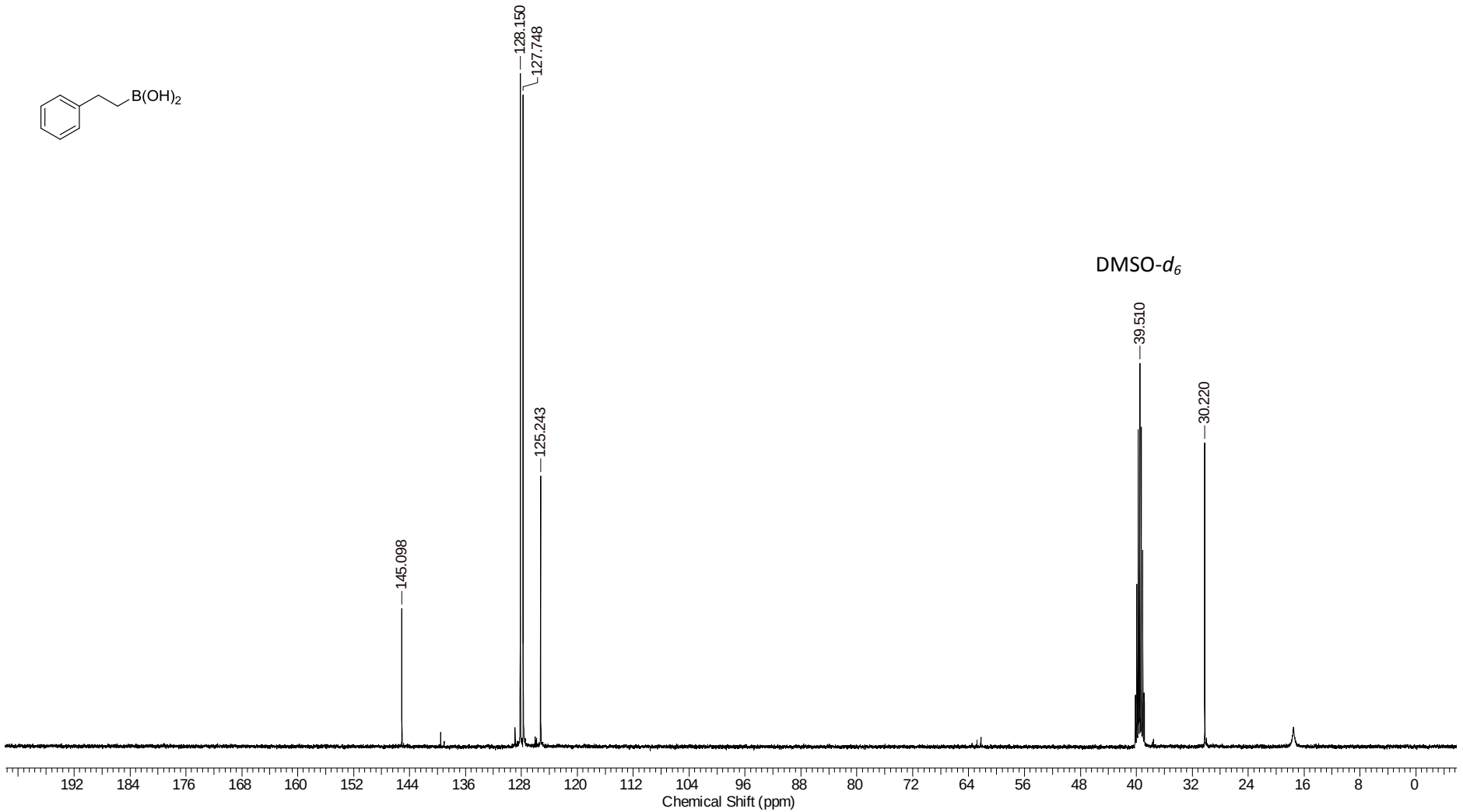

Figure S47. ^{13}C NMR spectrum (100 MHz, DMSO-d_6) of compound **2o**.

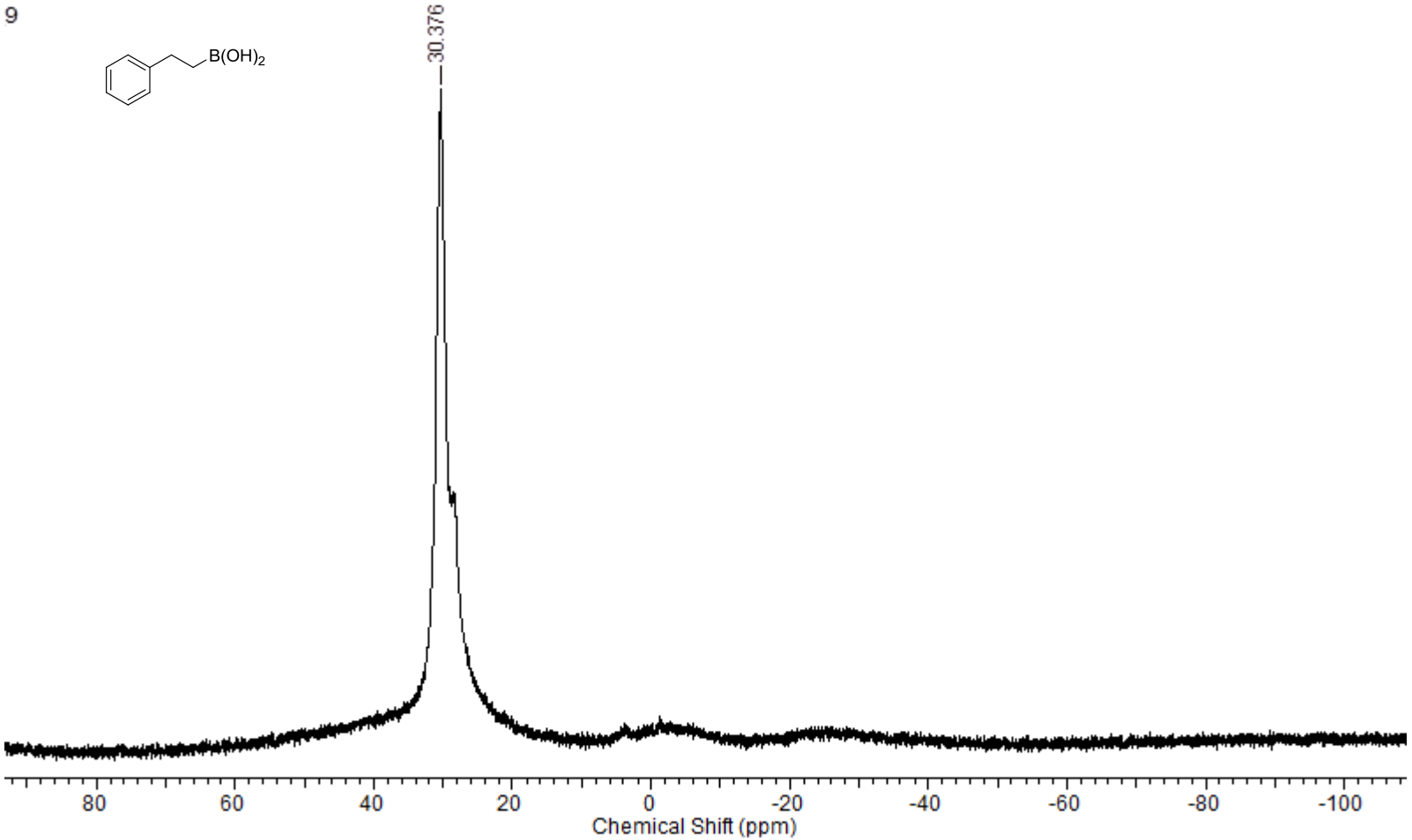

Figure S48. ^{11}B NMR spectrum (128 MHz, DMSO-d_6) of compound **2o**.

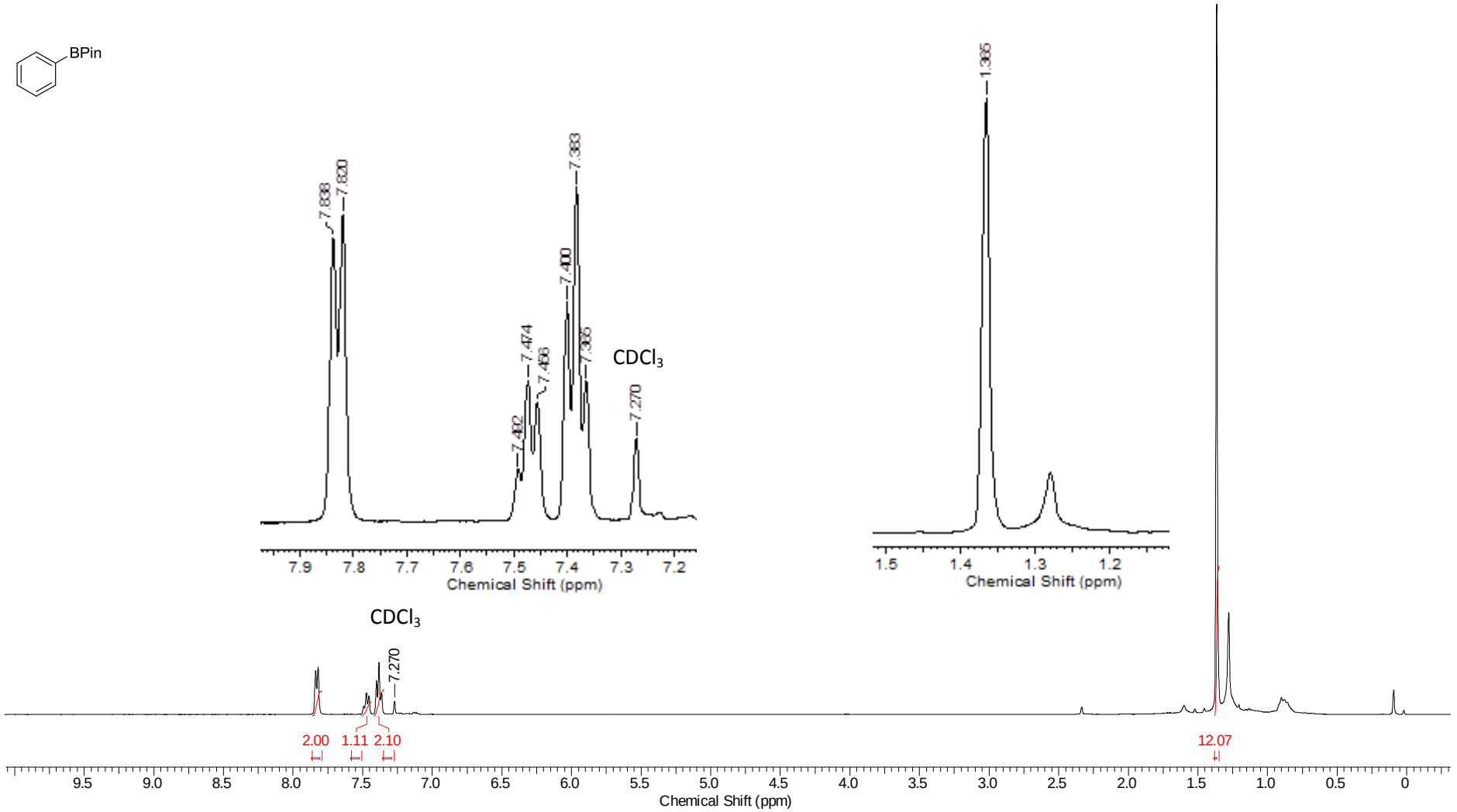

Figure S49. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3a**.

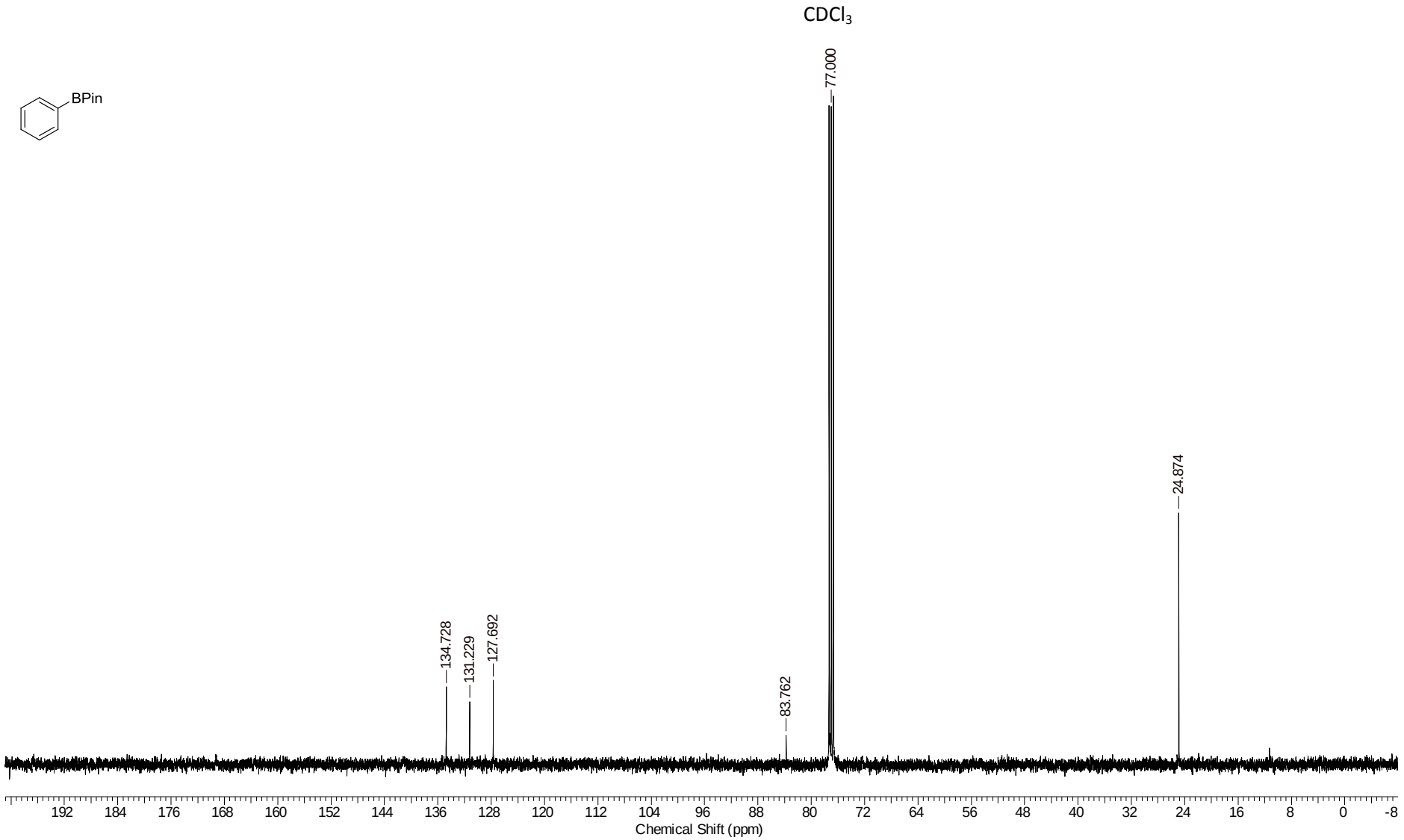

Figure S50. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3a**.

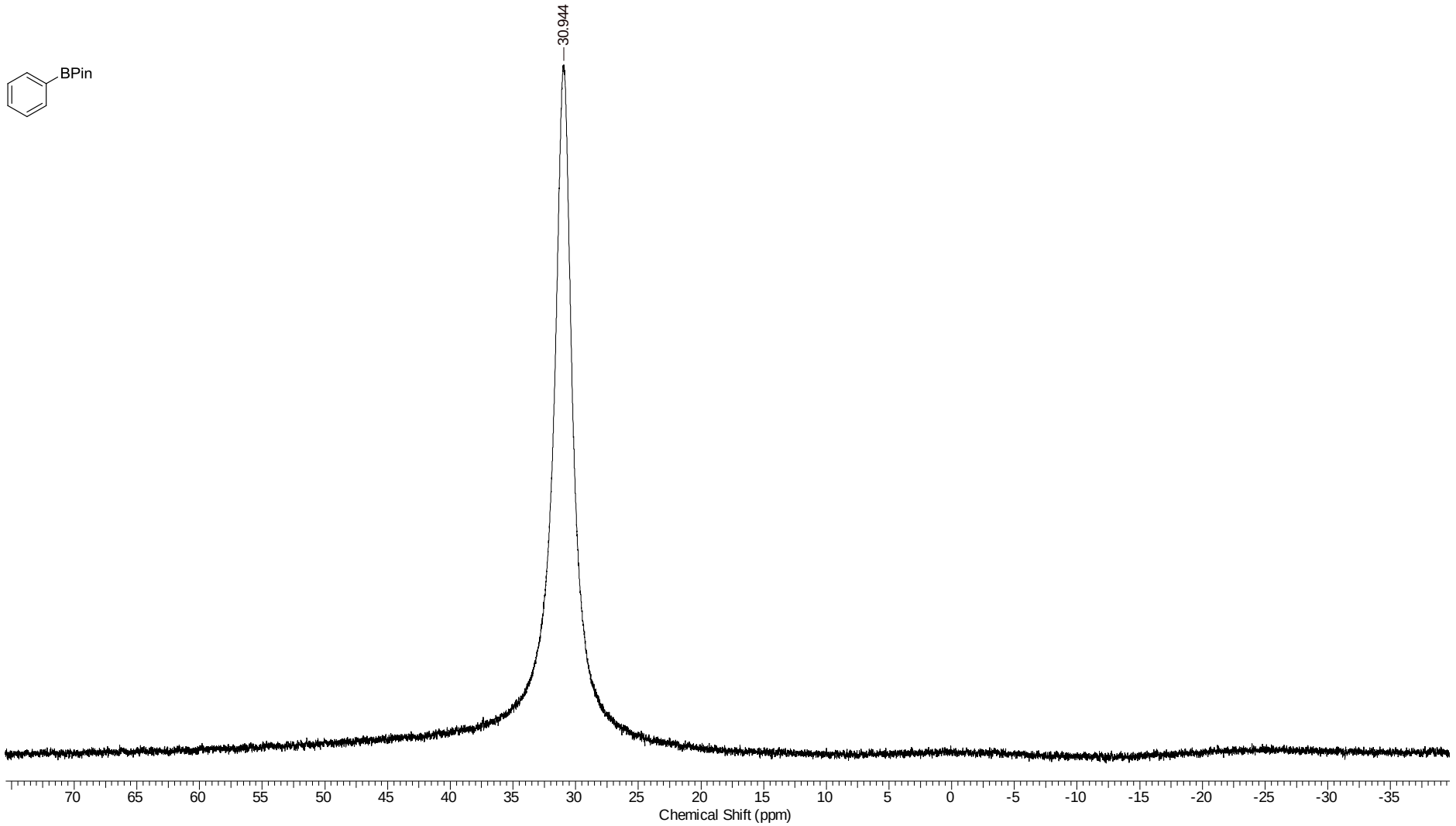

Figure S51. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3a**.

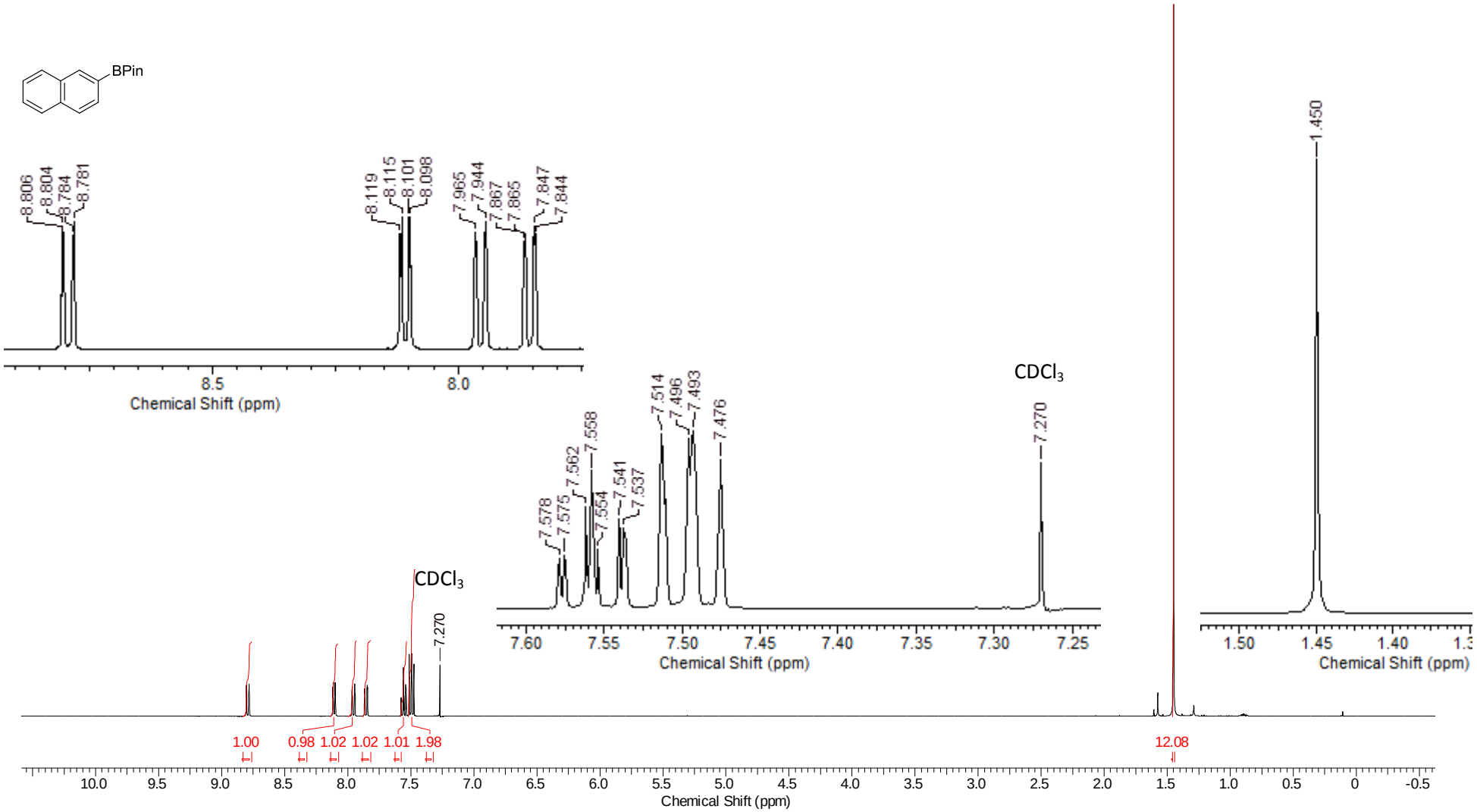

Figure S52. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3b**.

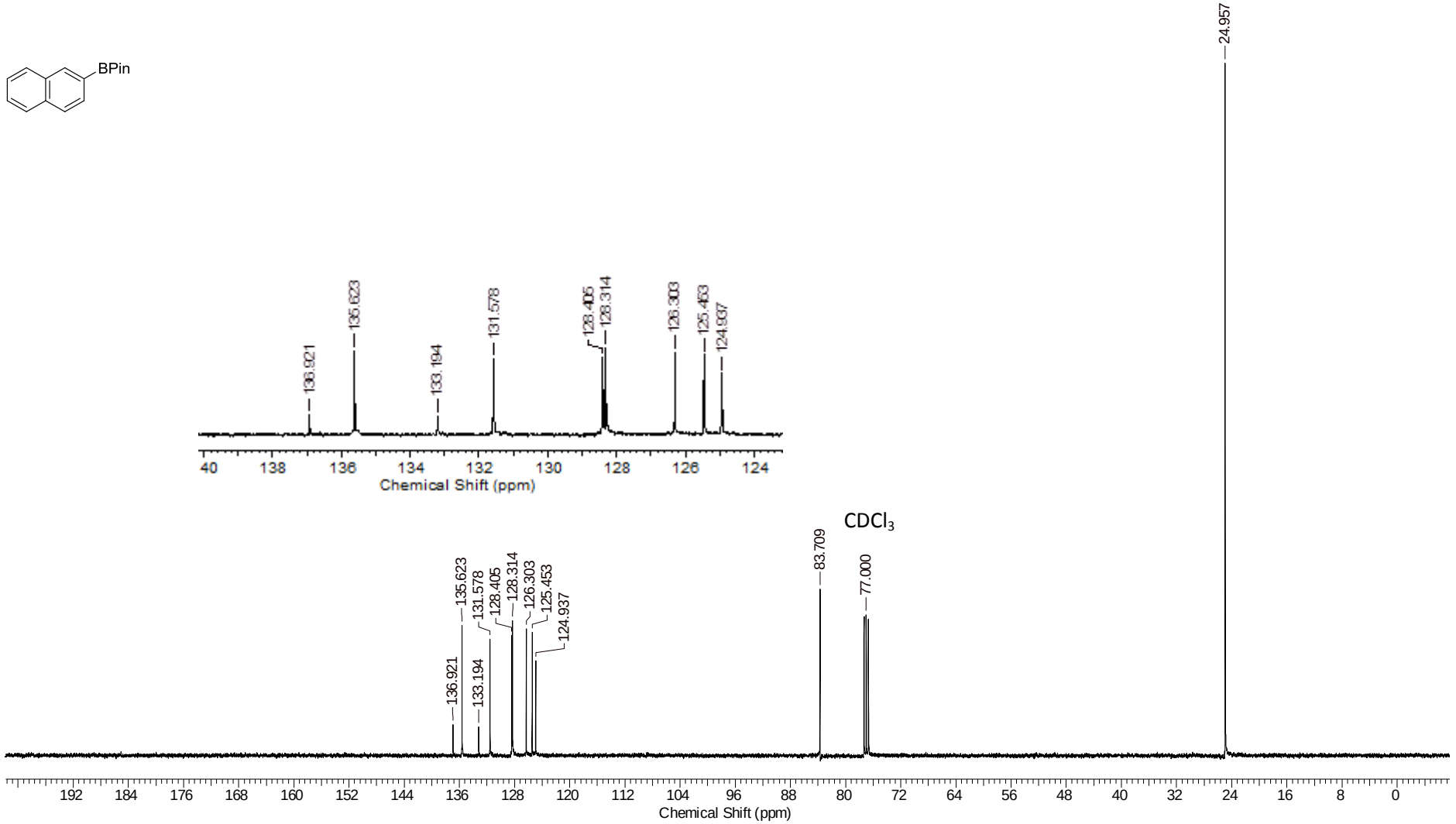

Figure S53. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3b**.

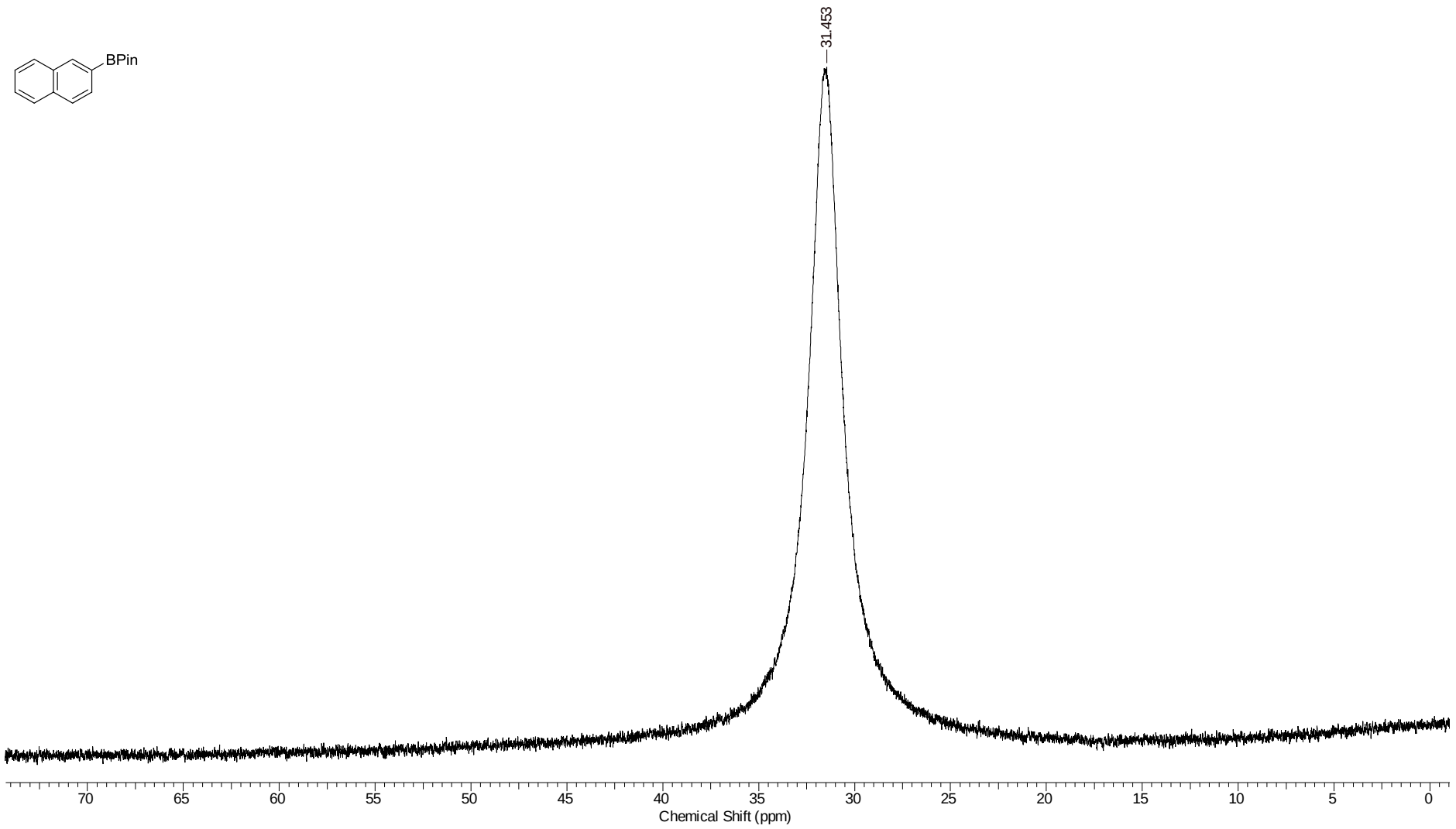

Figure S54. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3b**.

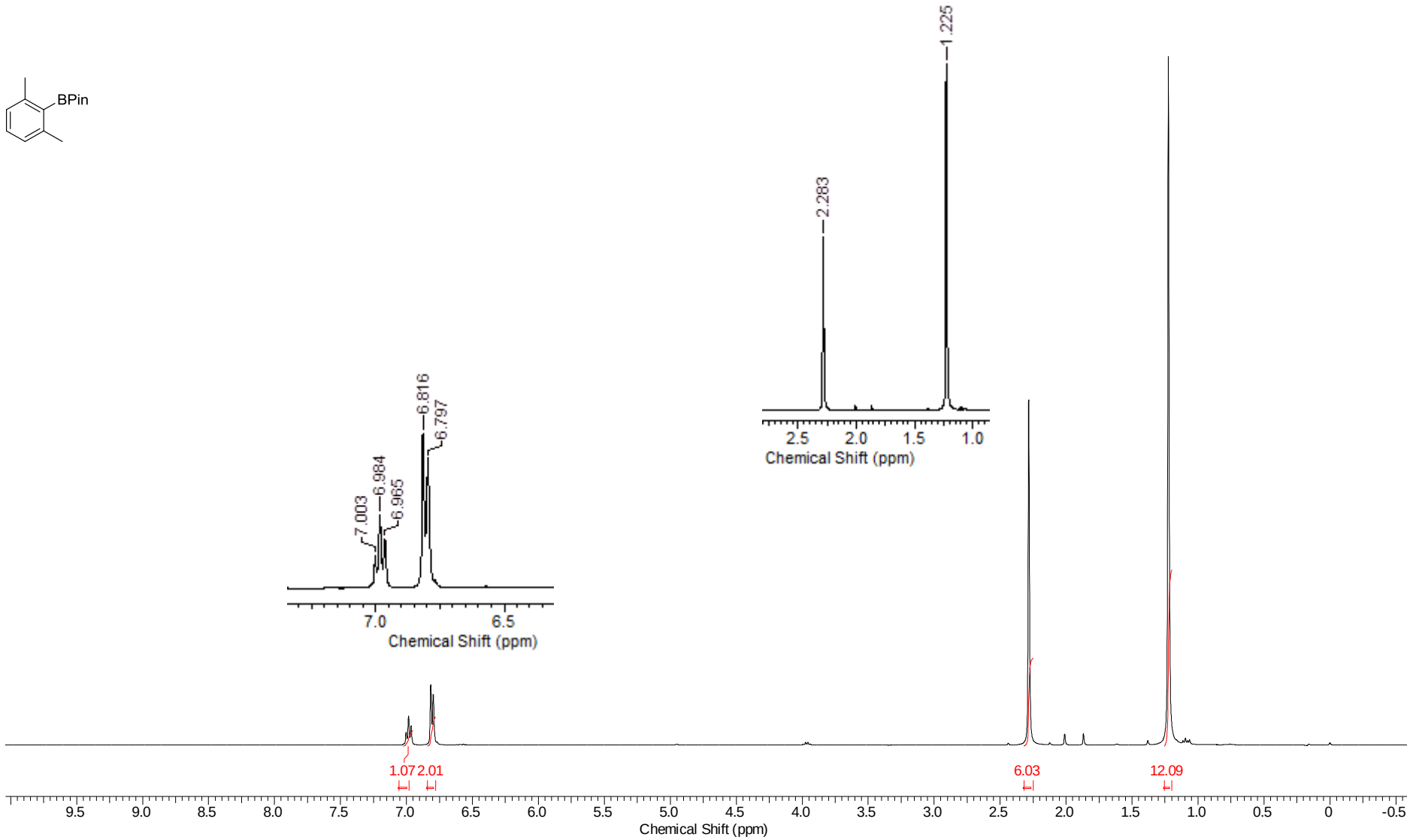

Figure S55. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3c**.

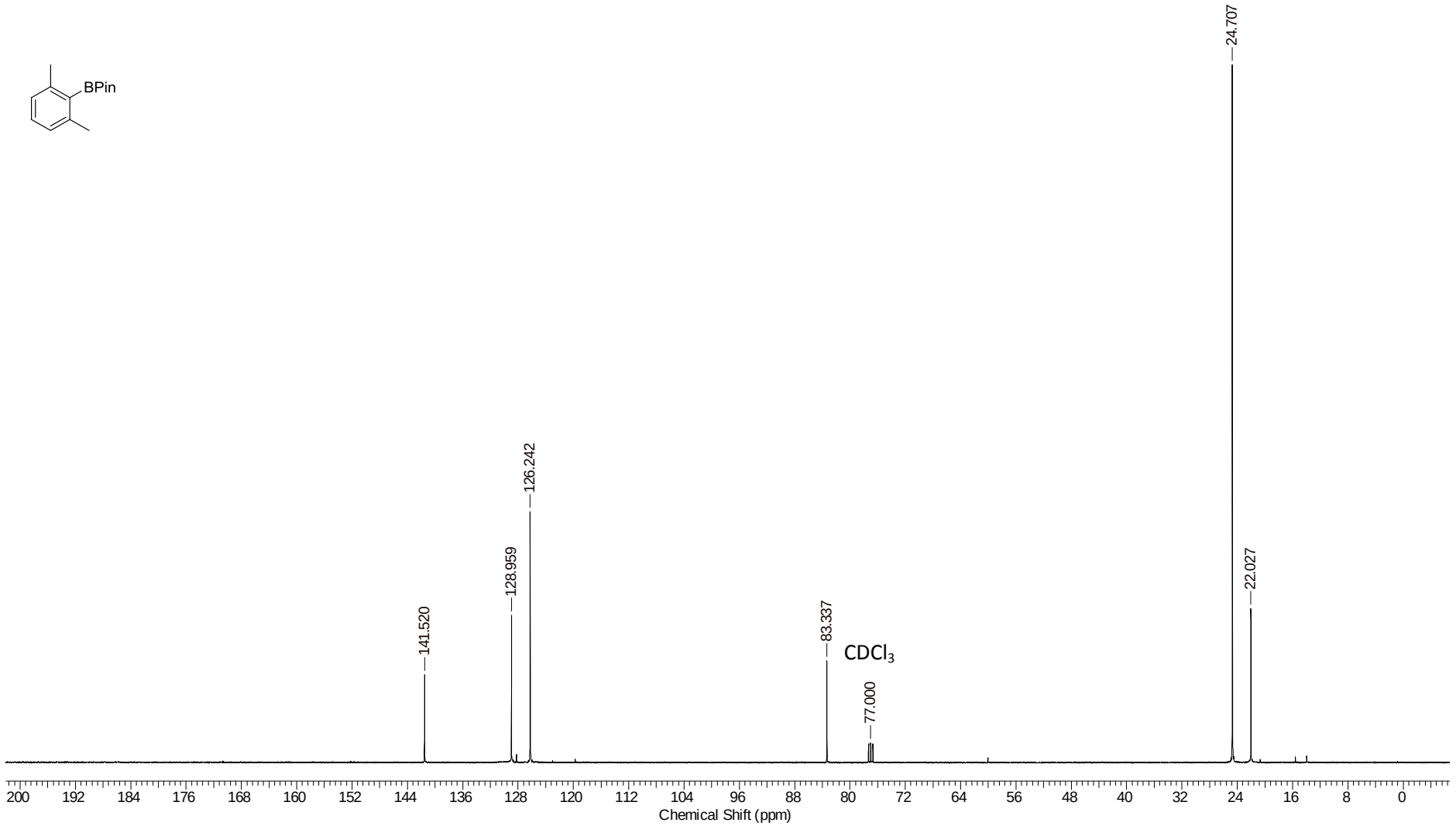

Figure S56. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3c**.

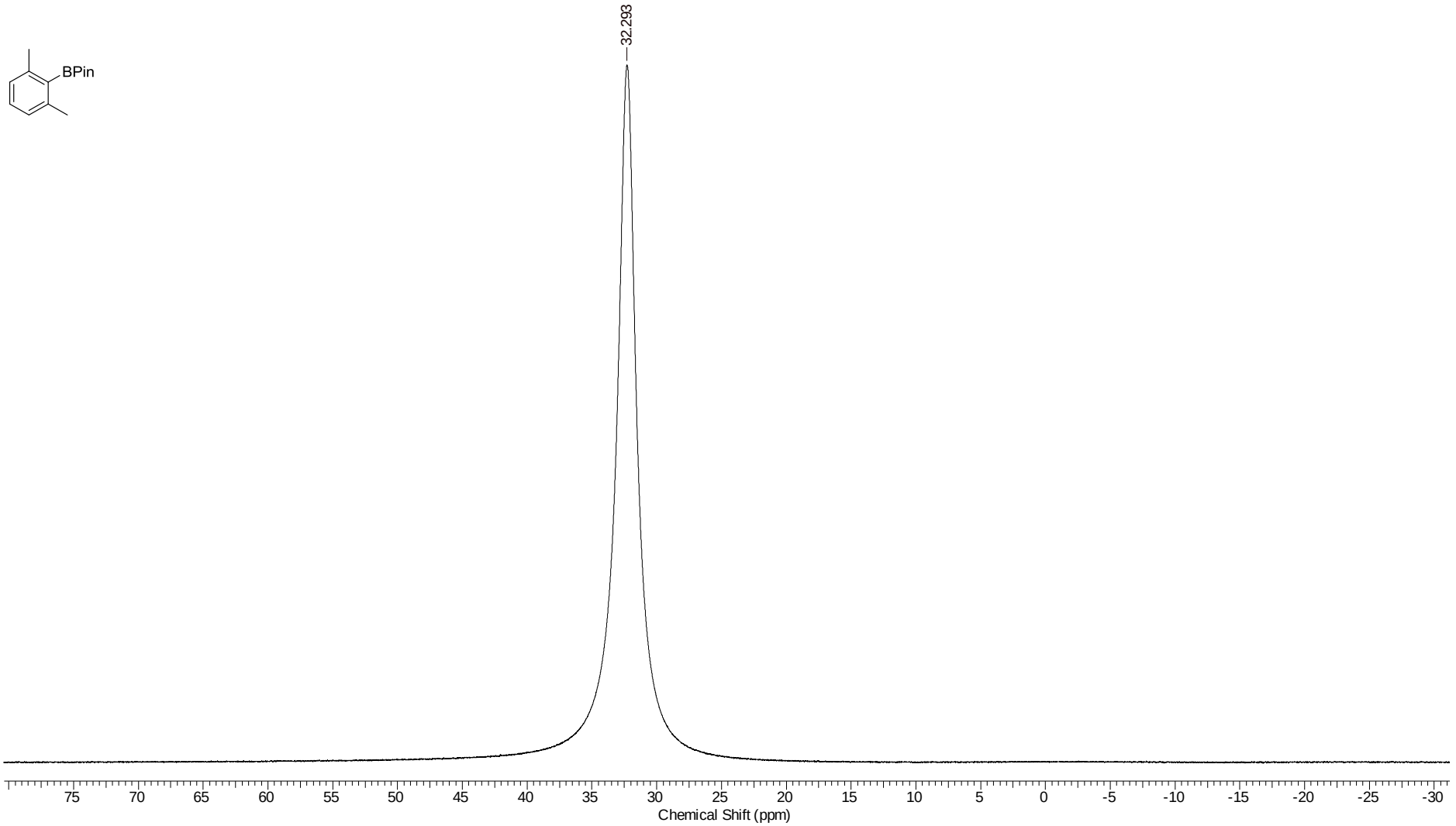

Figure S57. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3c**.

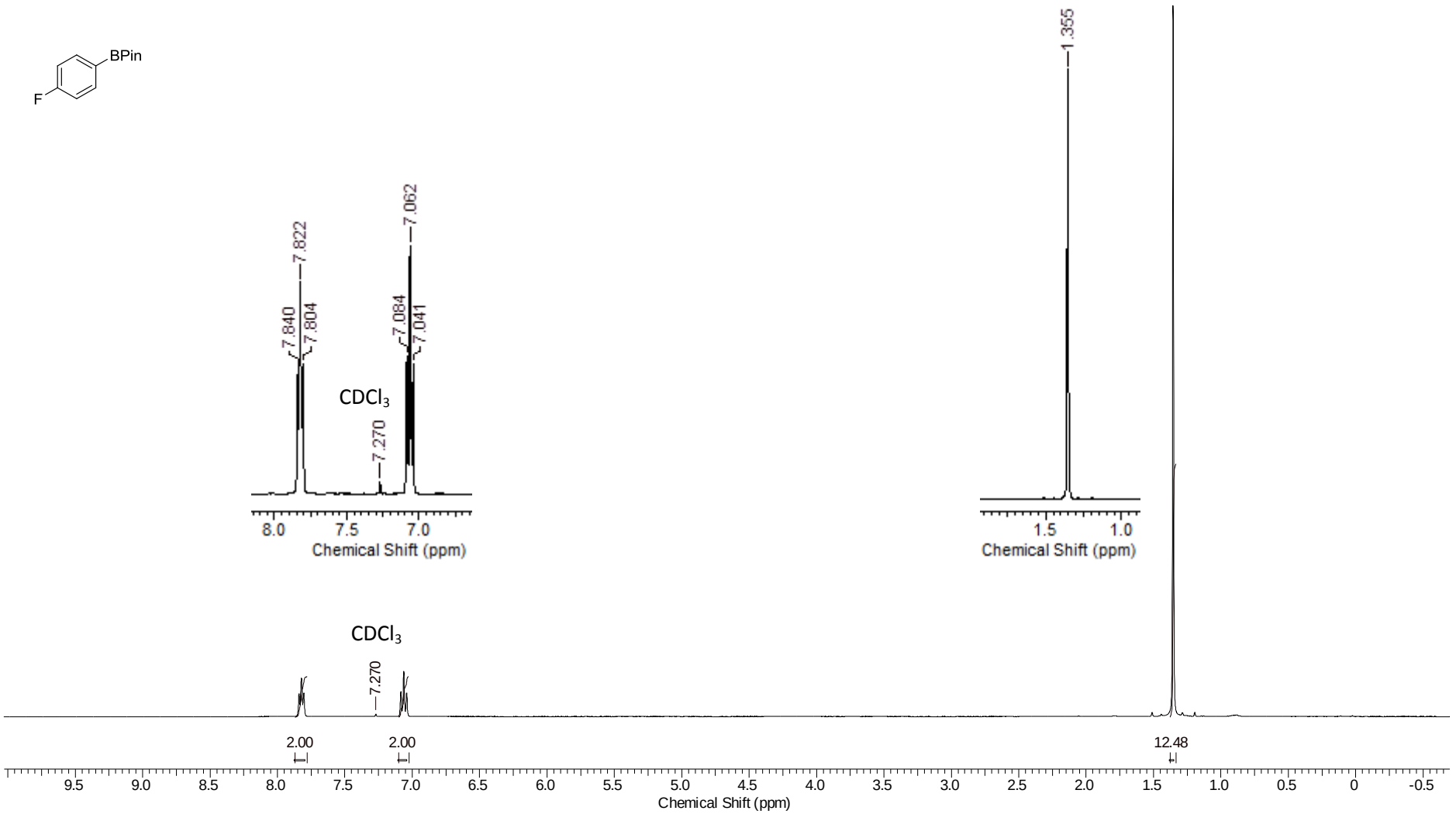

Figure S58. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3d**.

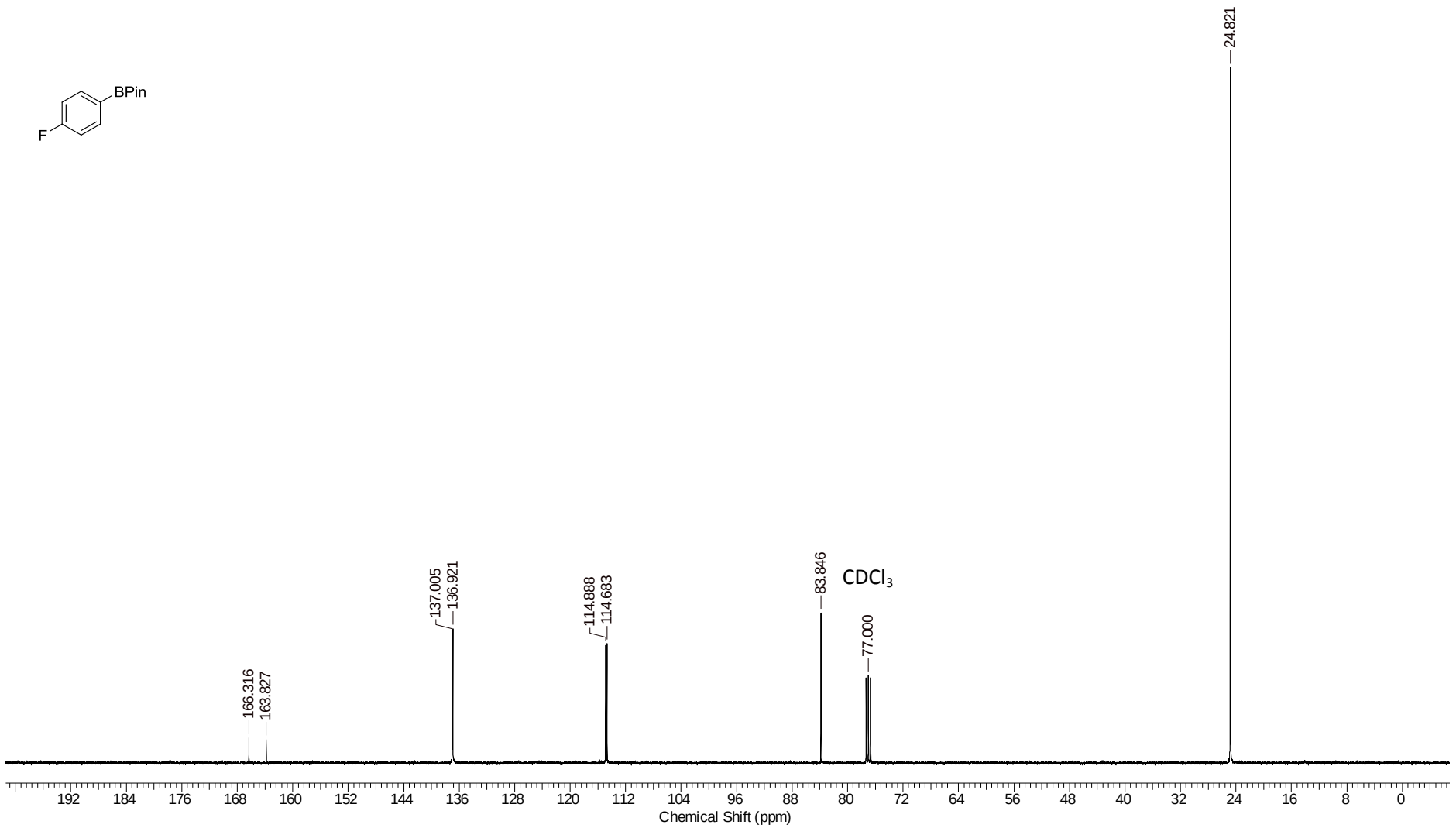

Figure S59. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3d**.

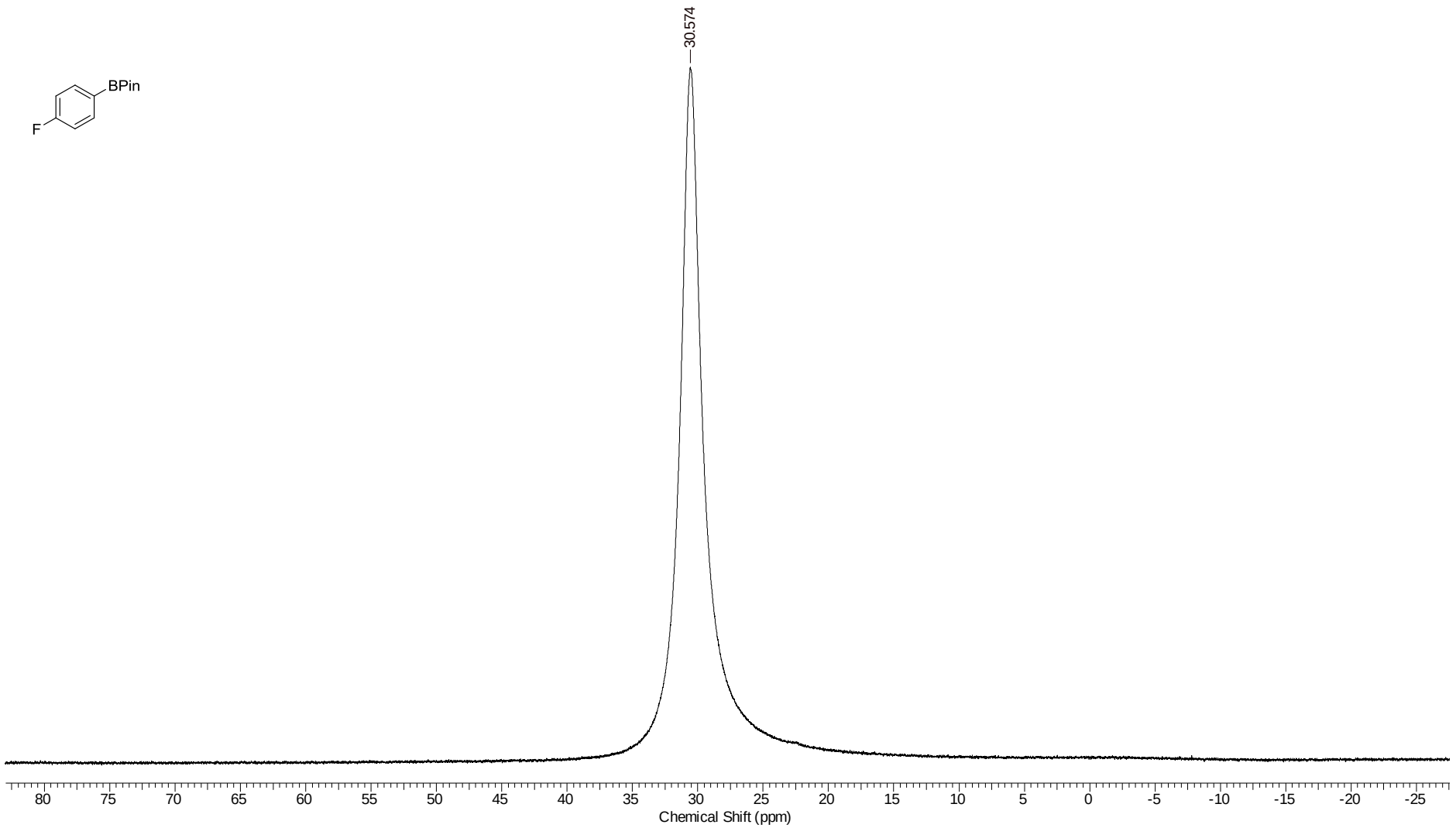

Figure S60. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3d**.

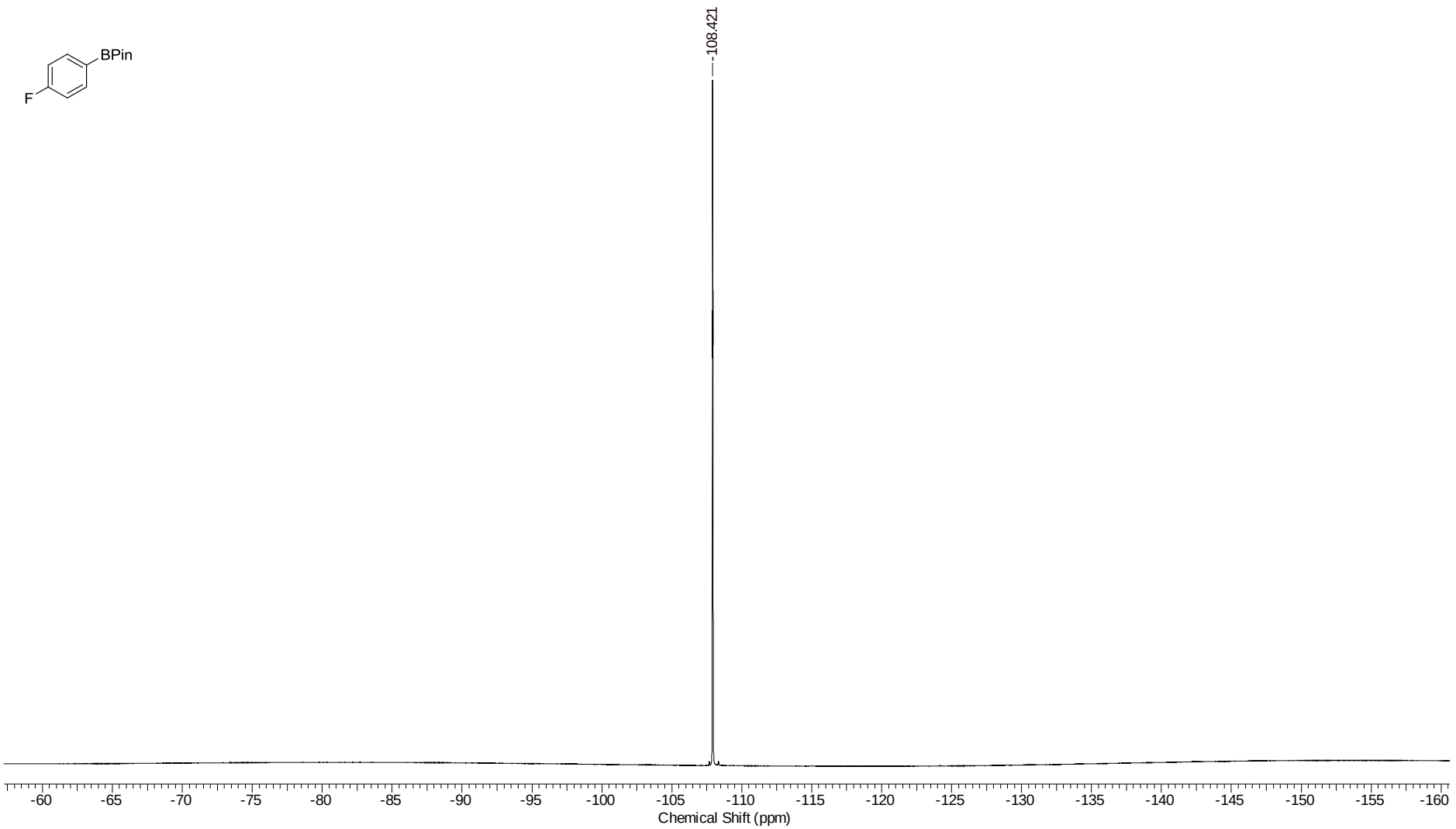

Figure S61. ^{19}F NMR spectrum (376 MHz, $CDCl_3$) of compound **3d**.

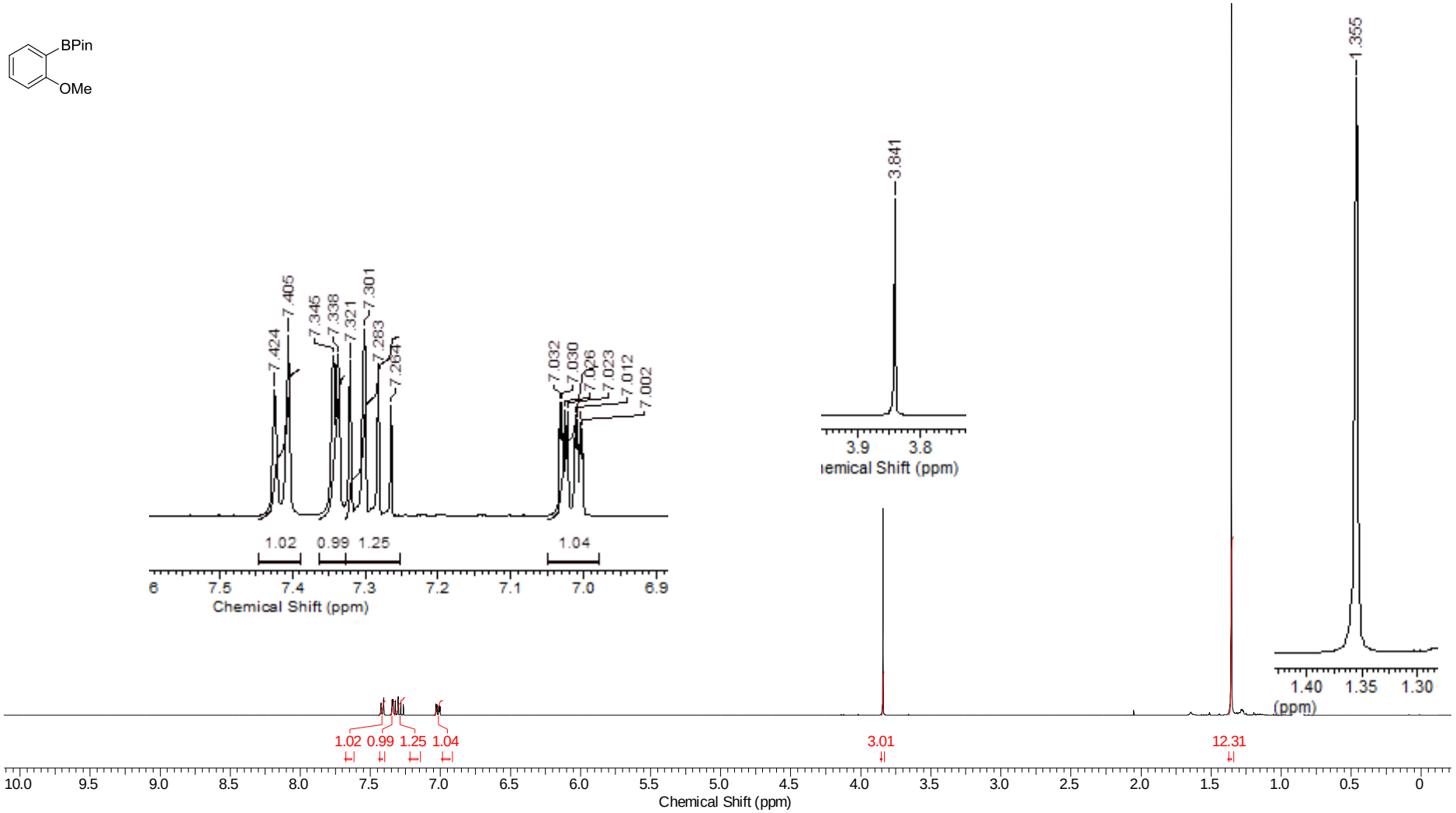

Figure S62. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3e**.

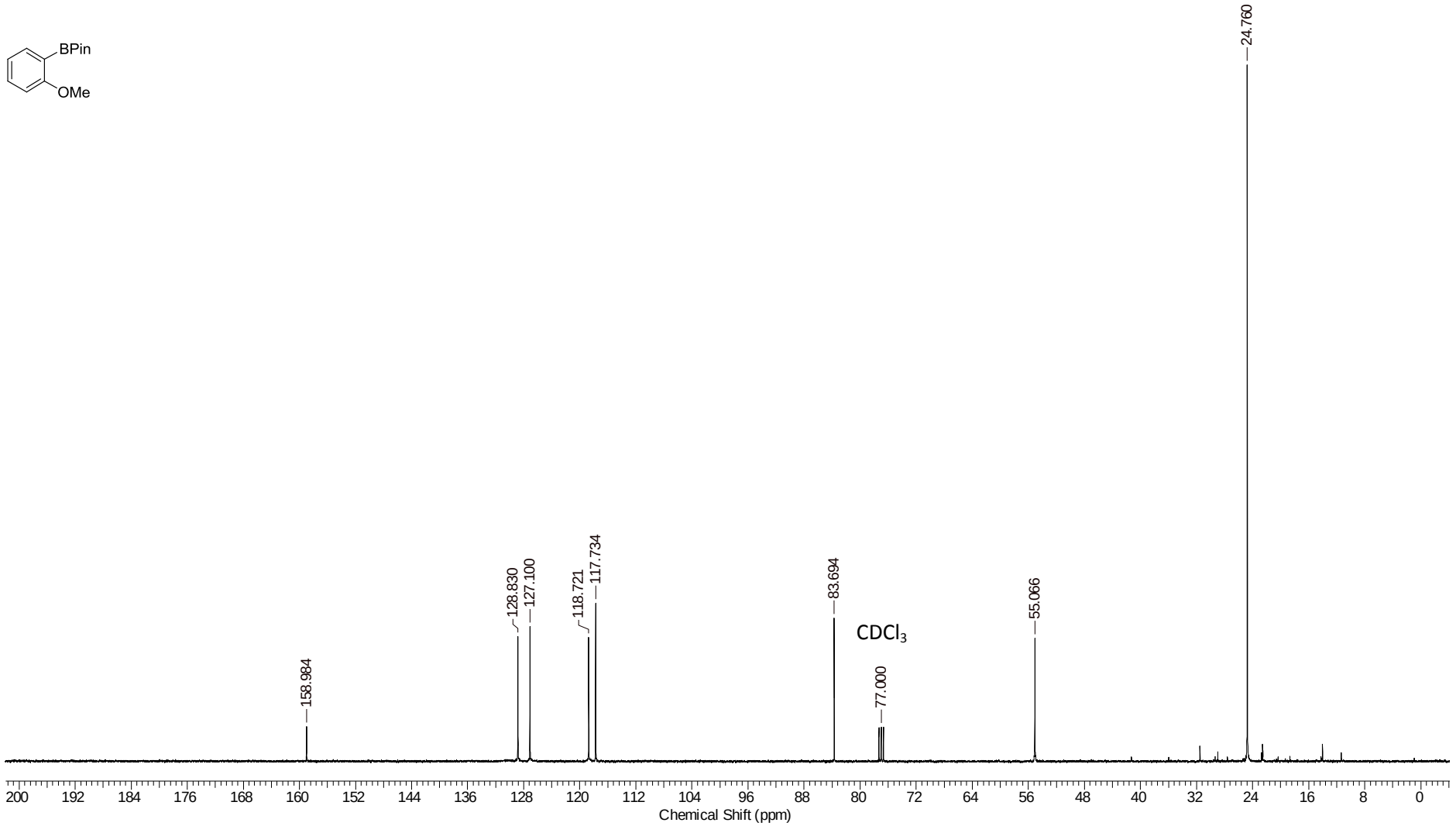

Figure S63. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3e**.

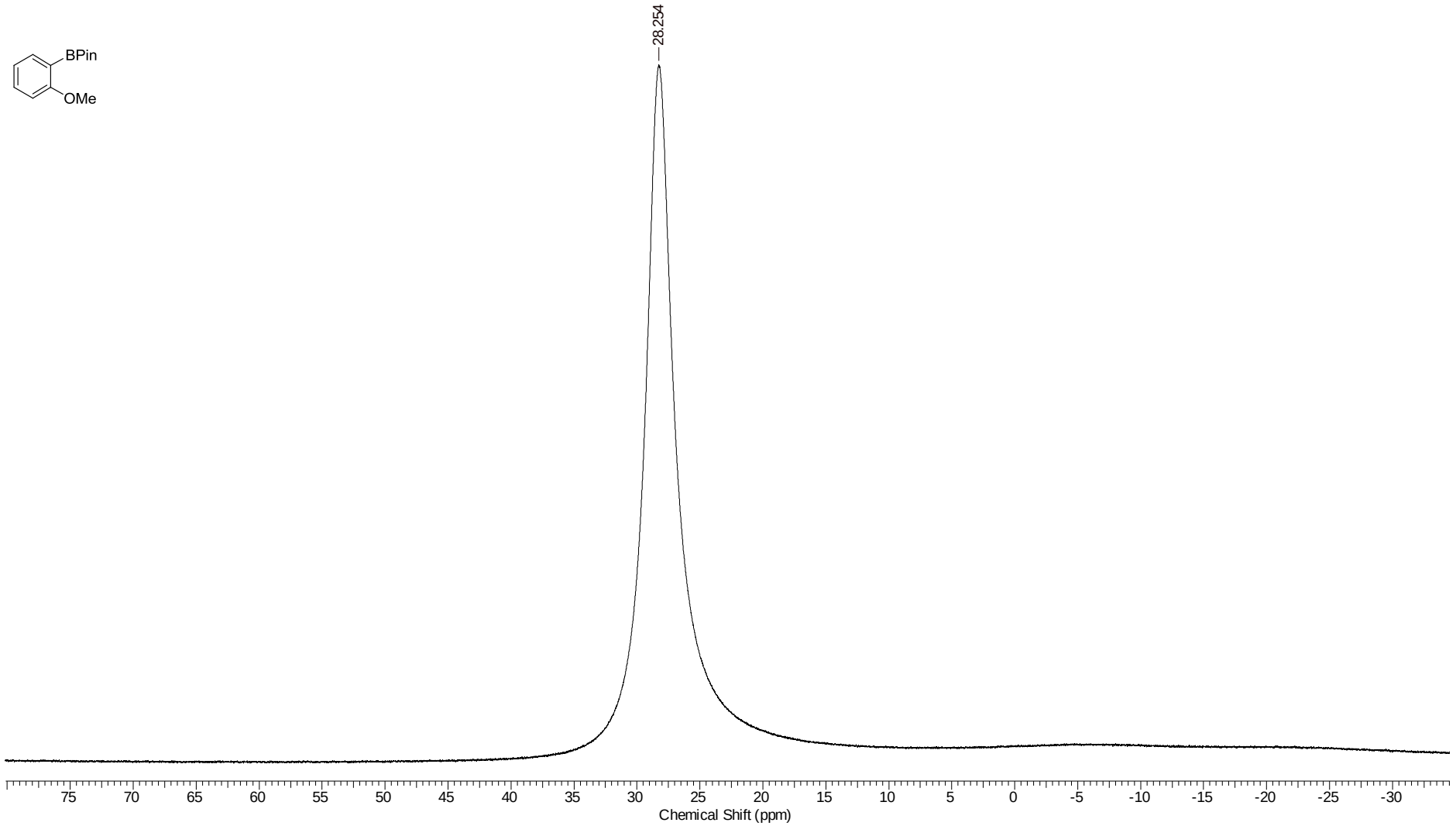

Figure S64. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3e**.

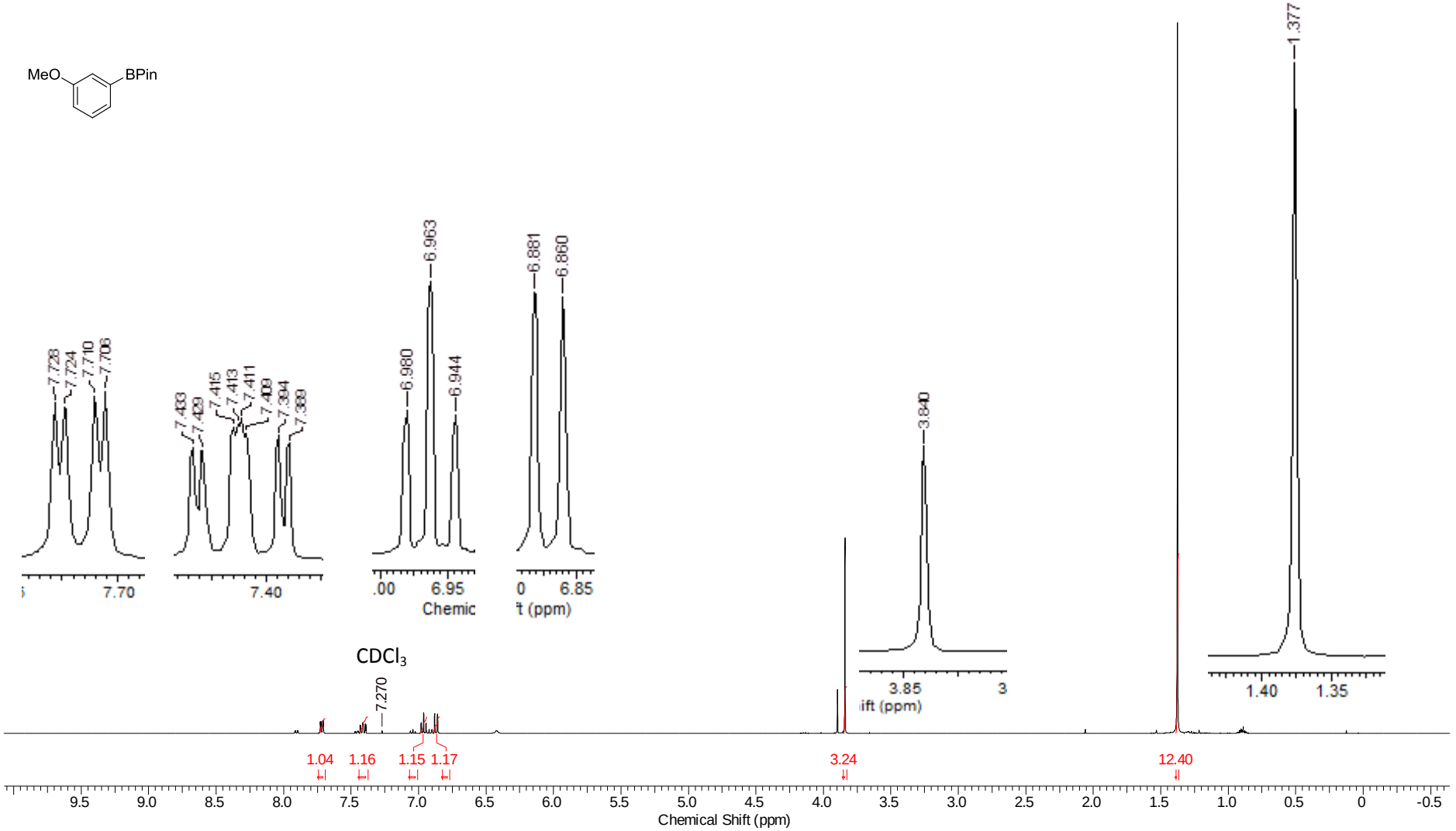

Figure S65. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3f**.

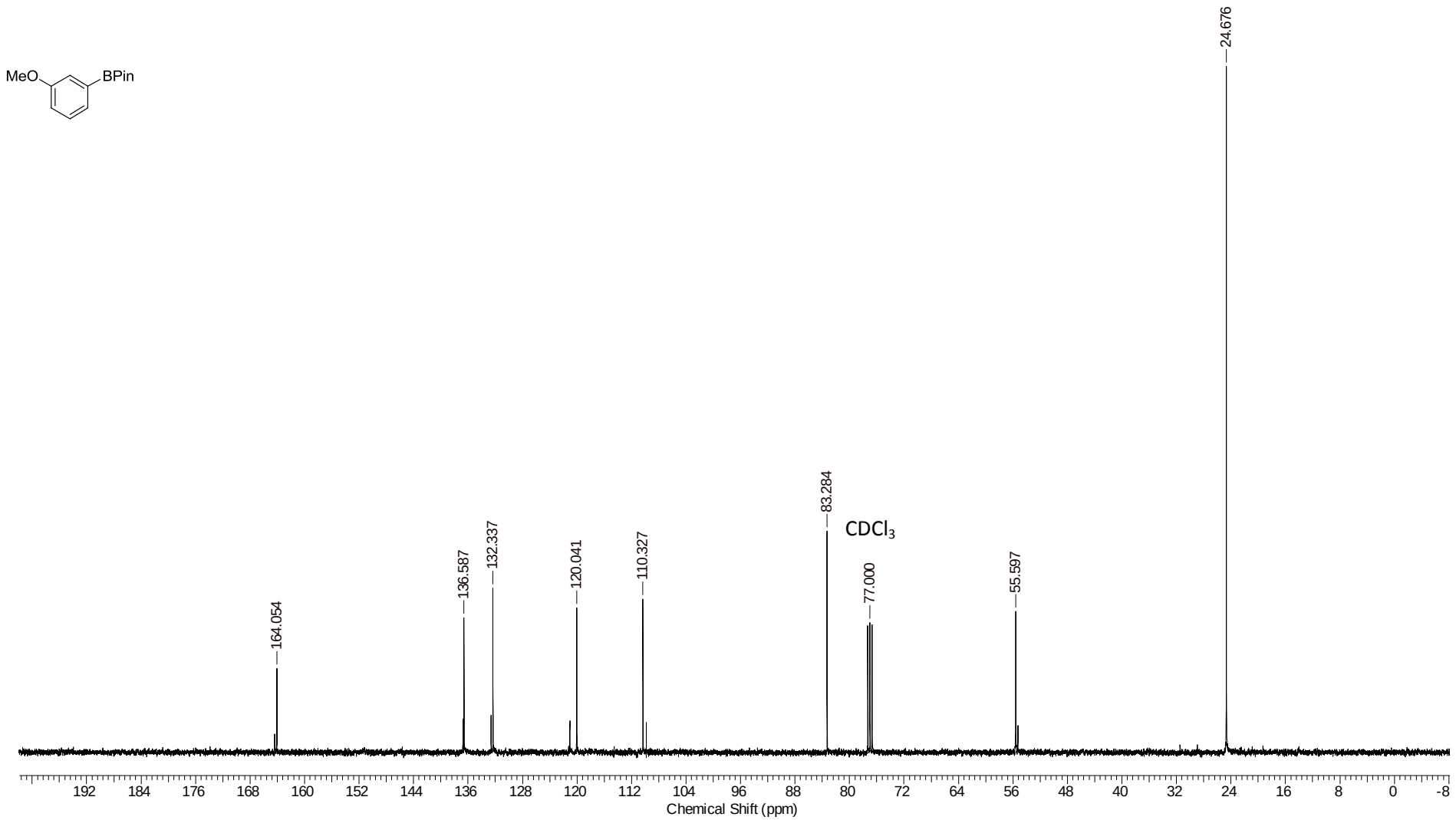

Figure S66. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3f**.

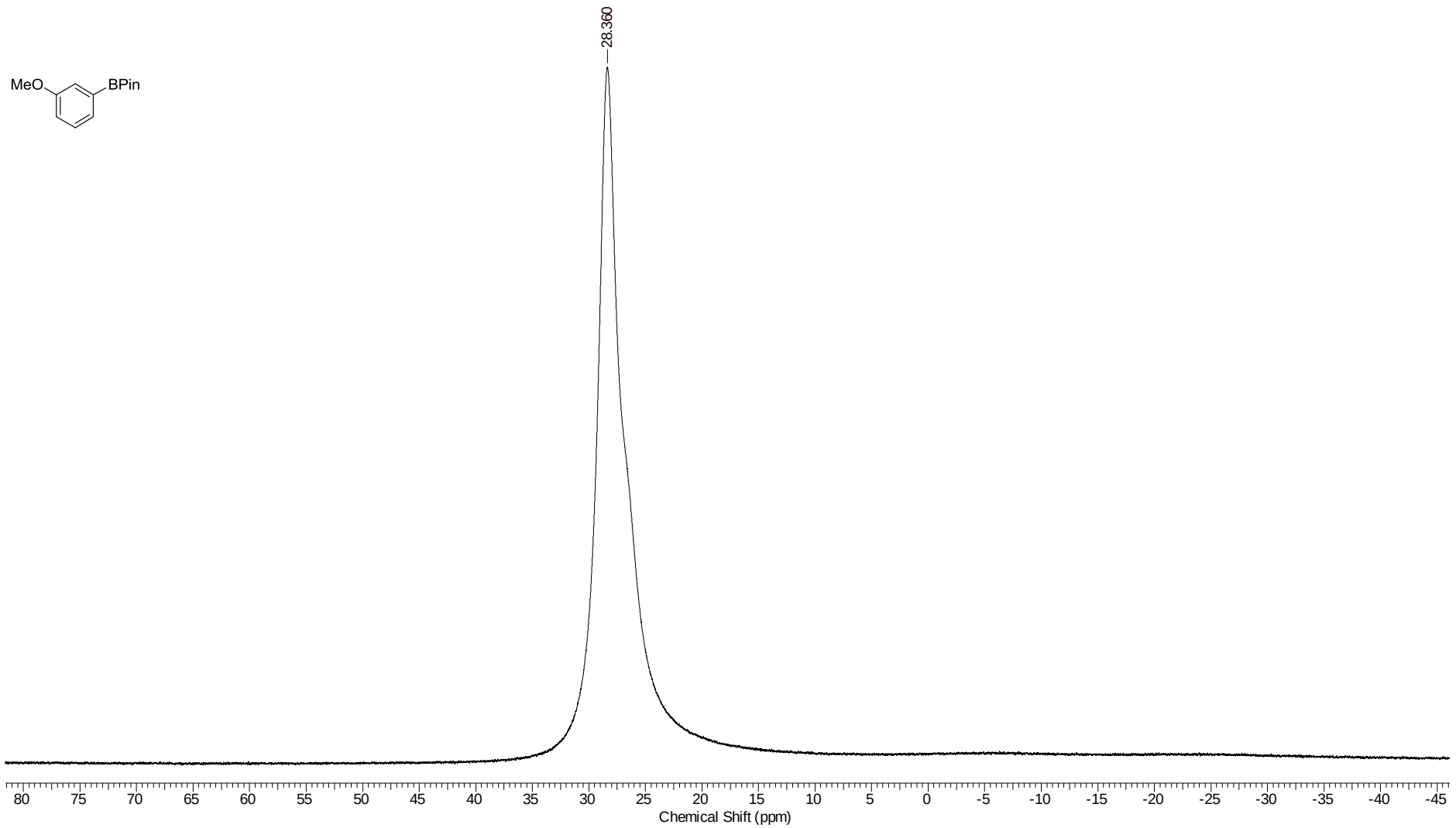

Figure S67. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3f**.

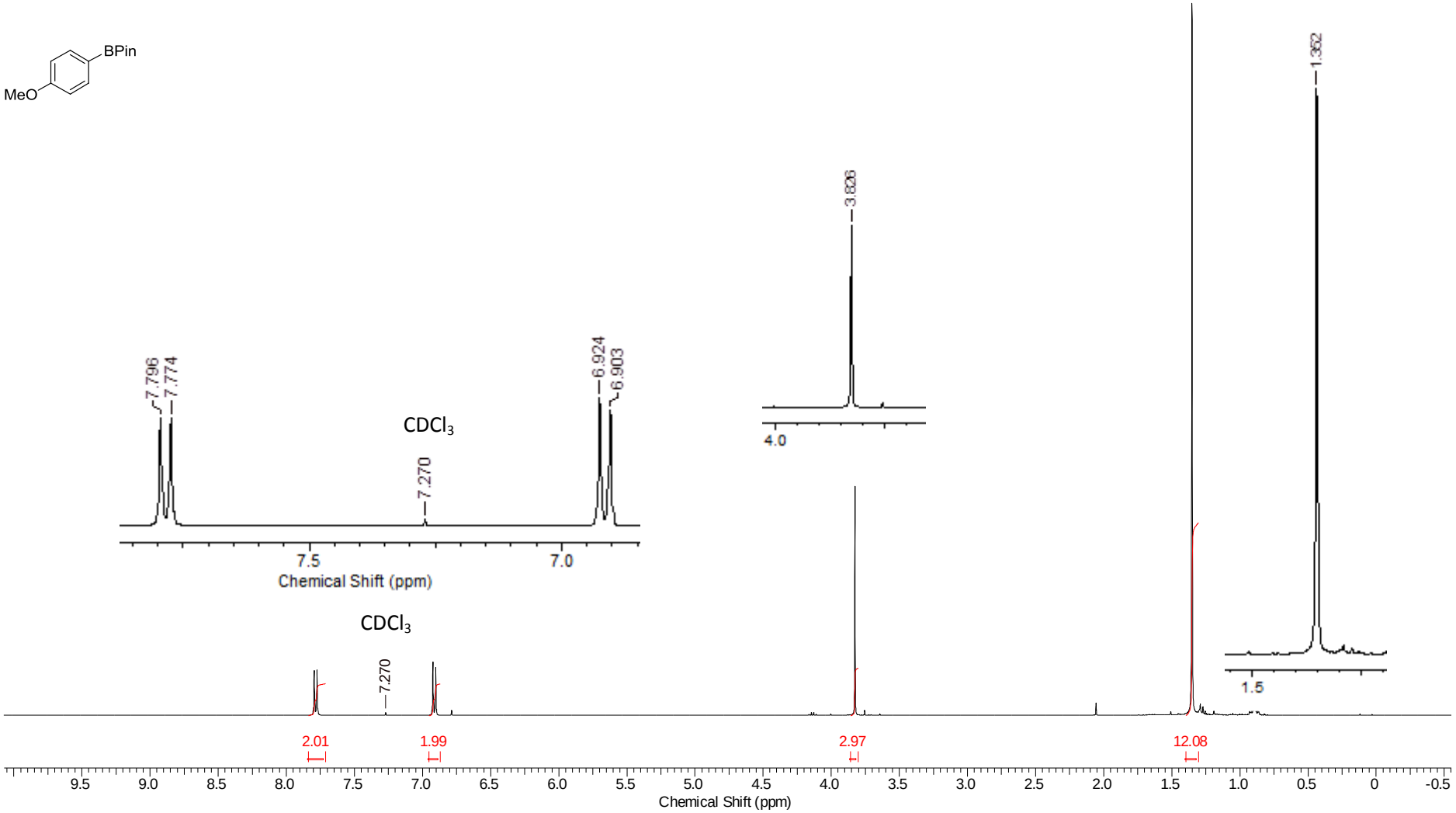

Figure S68. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3g**.

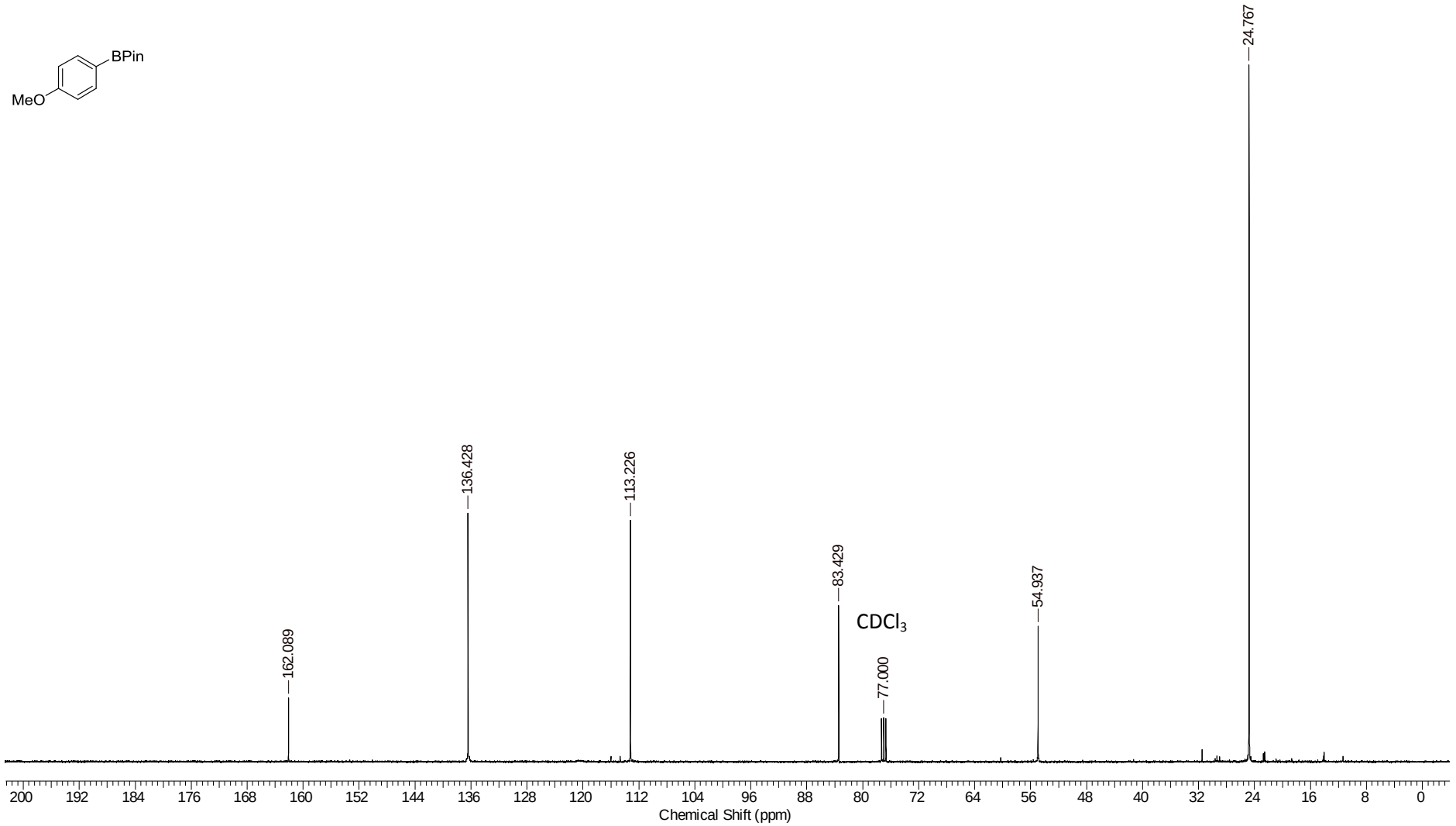

Figure S69. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3g**.

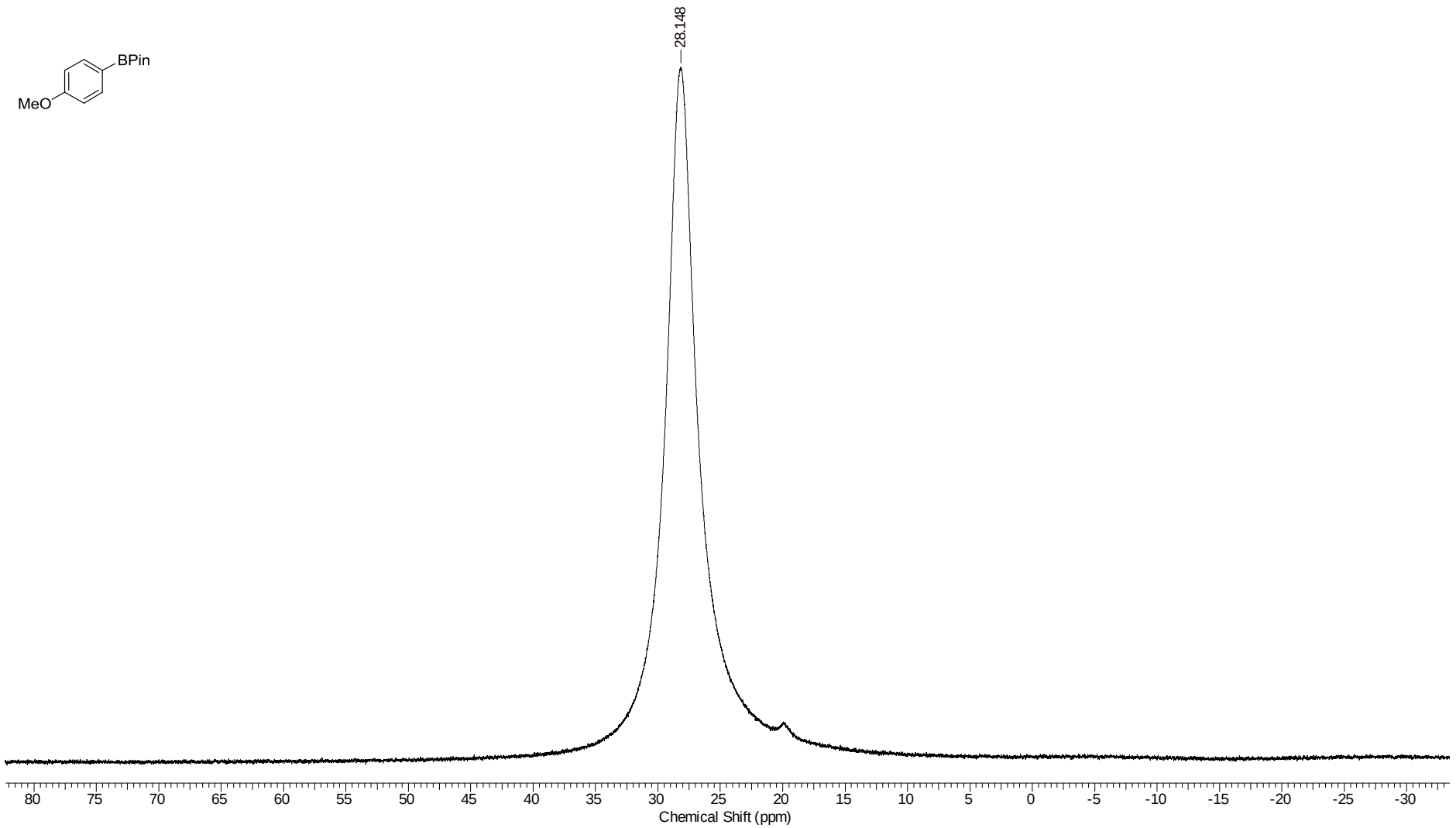

Figure S70. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3g**.

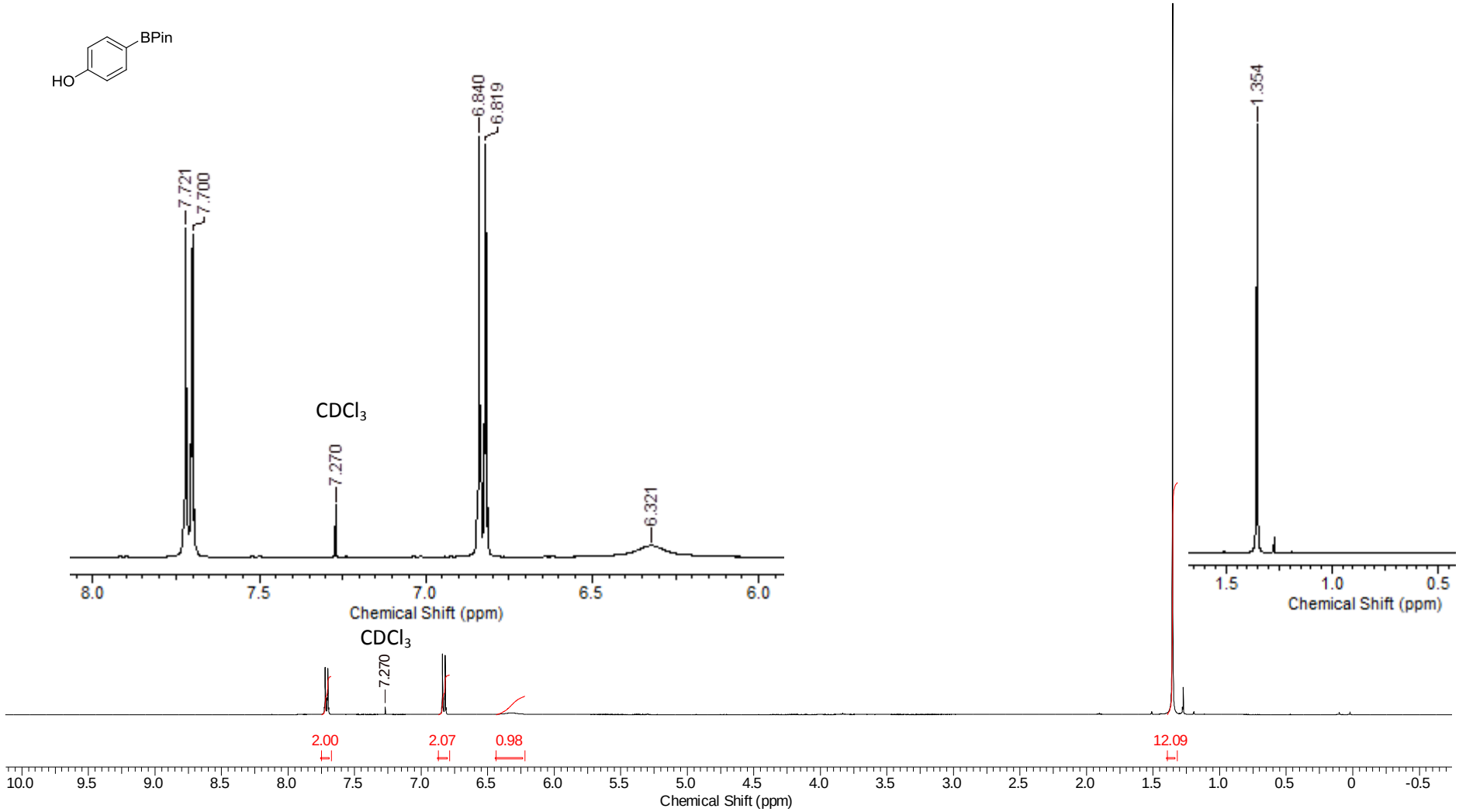

Figure S71. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3h**.

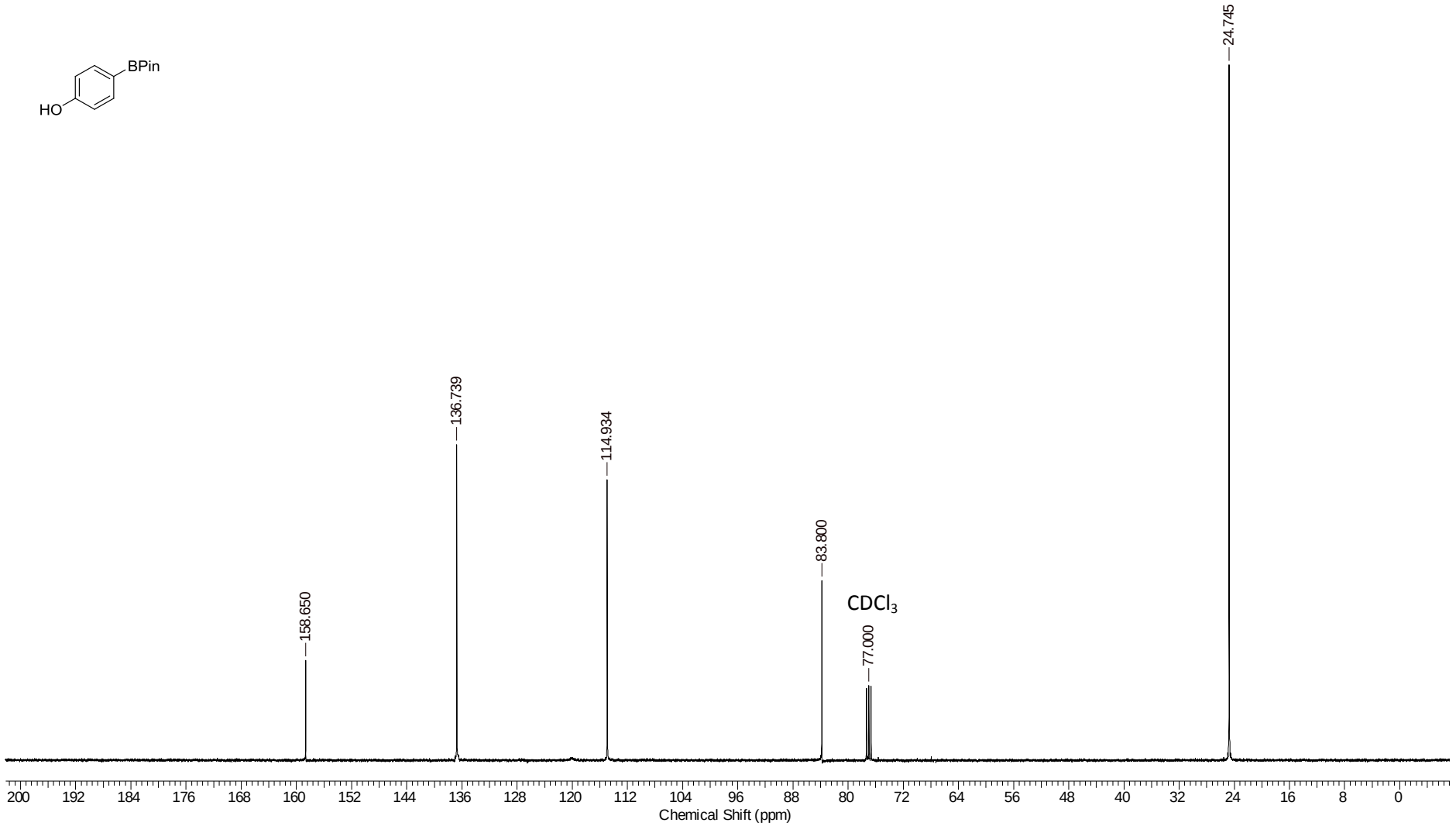

Figure S72. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3h**.

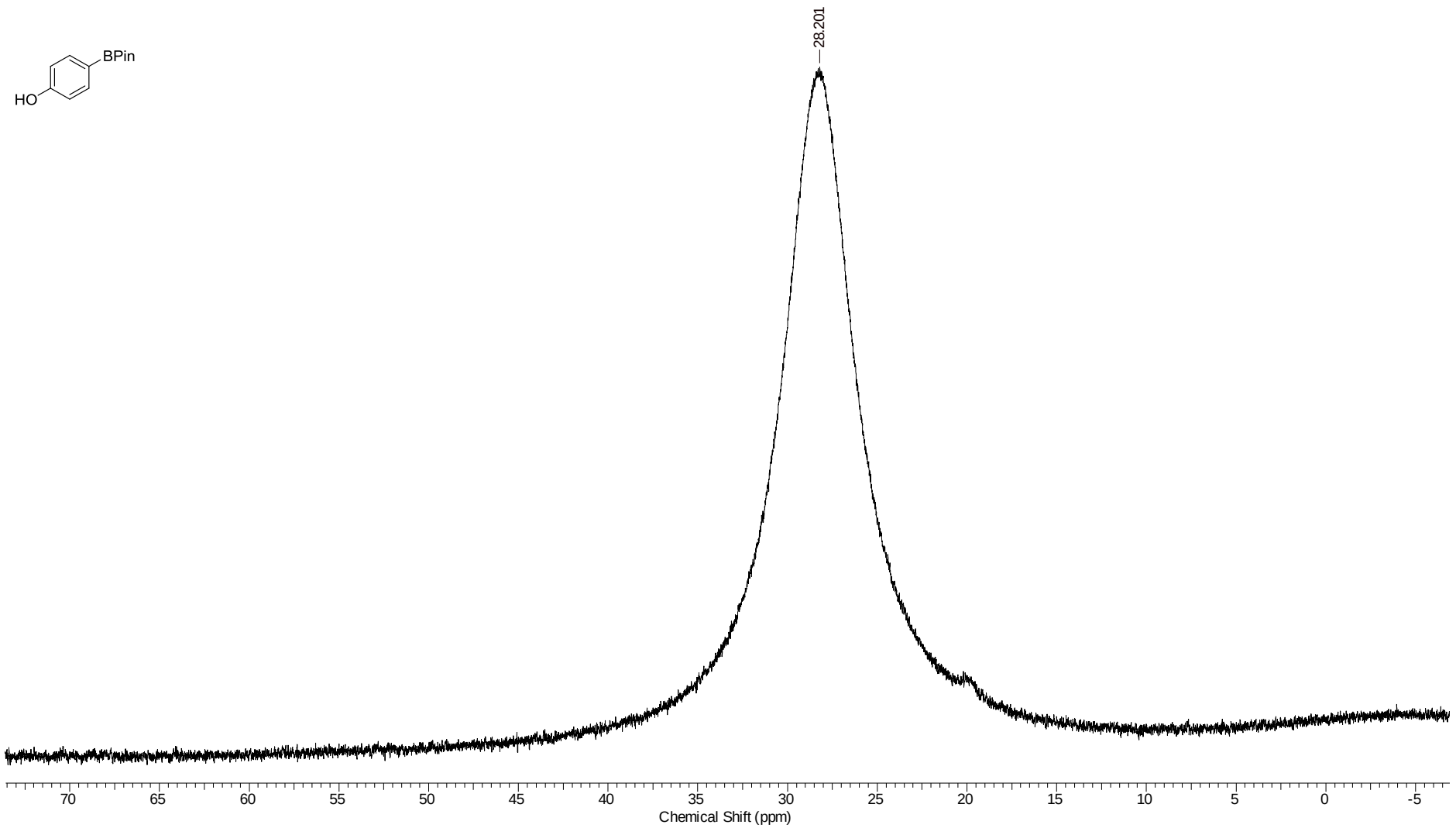

Figure S73. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3h**.

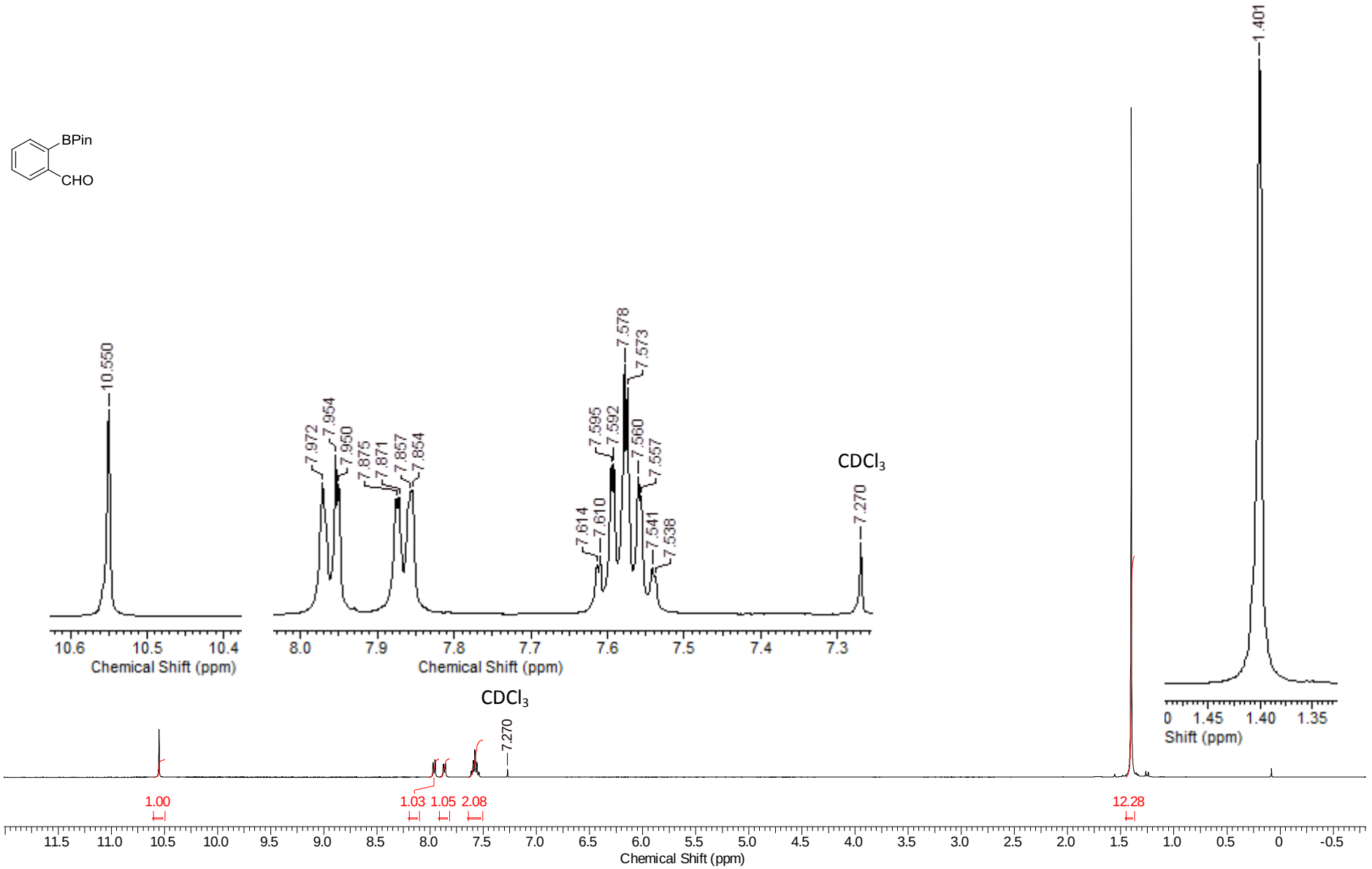

Figure S74. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3i**.

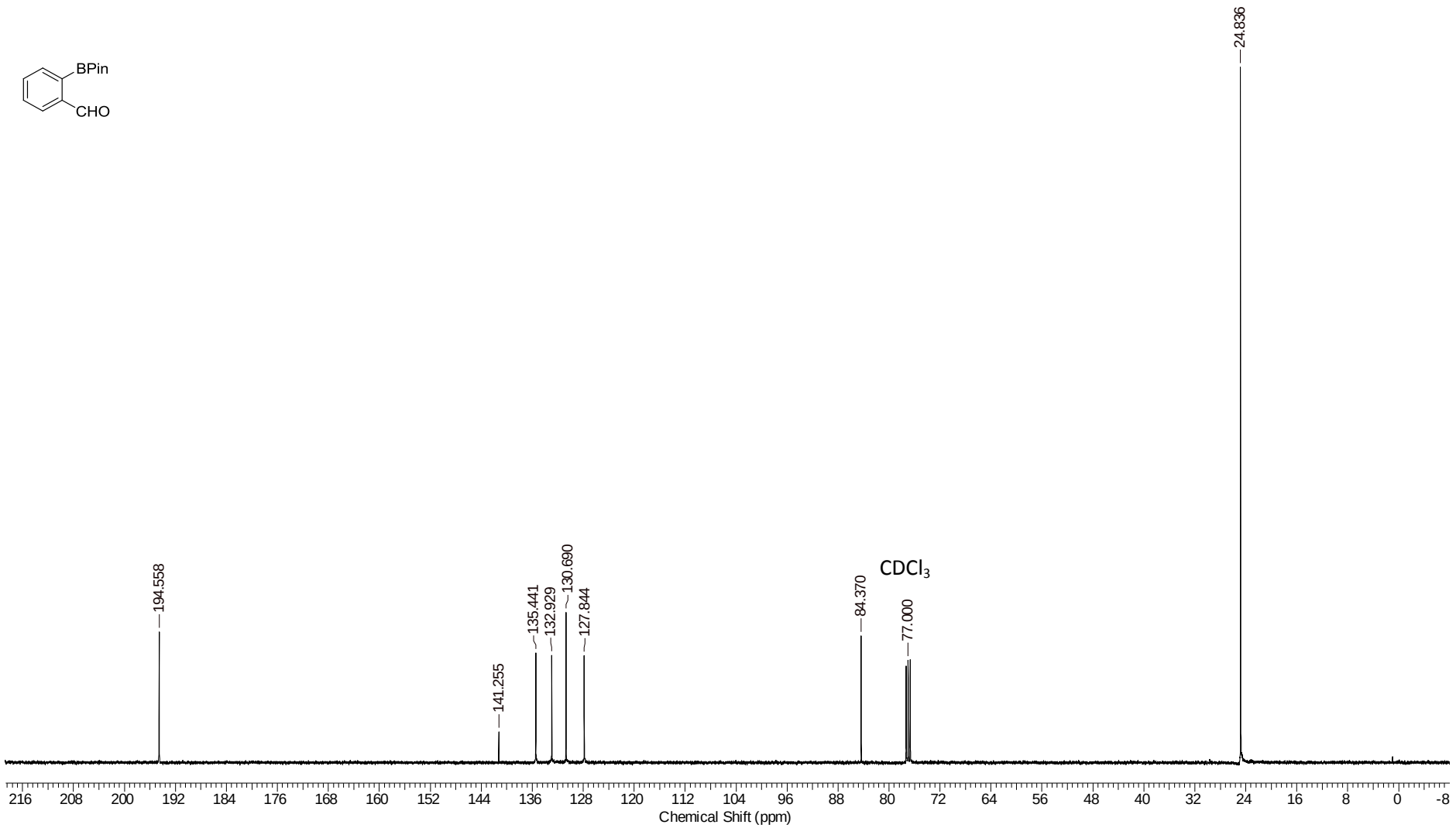

Figure S75. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3i**.

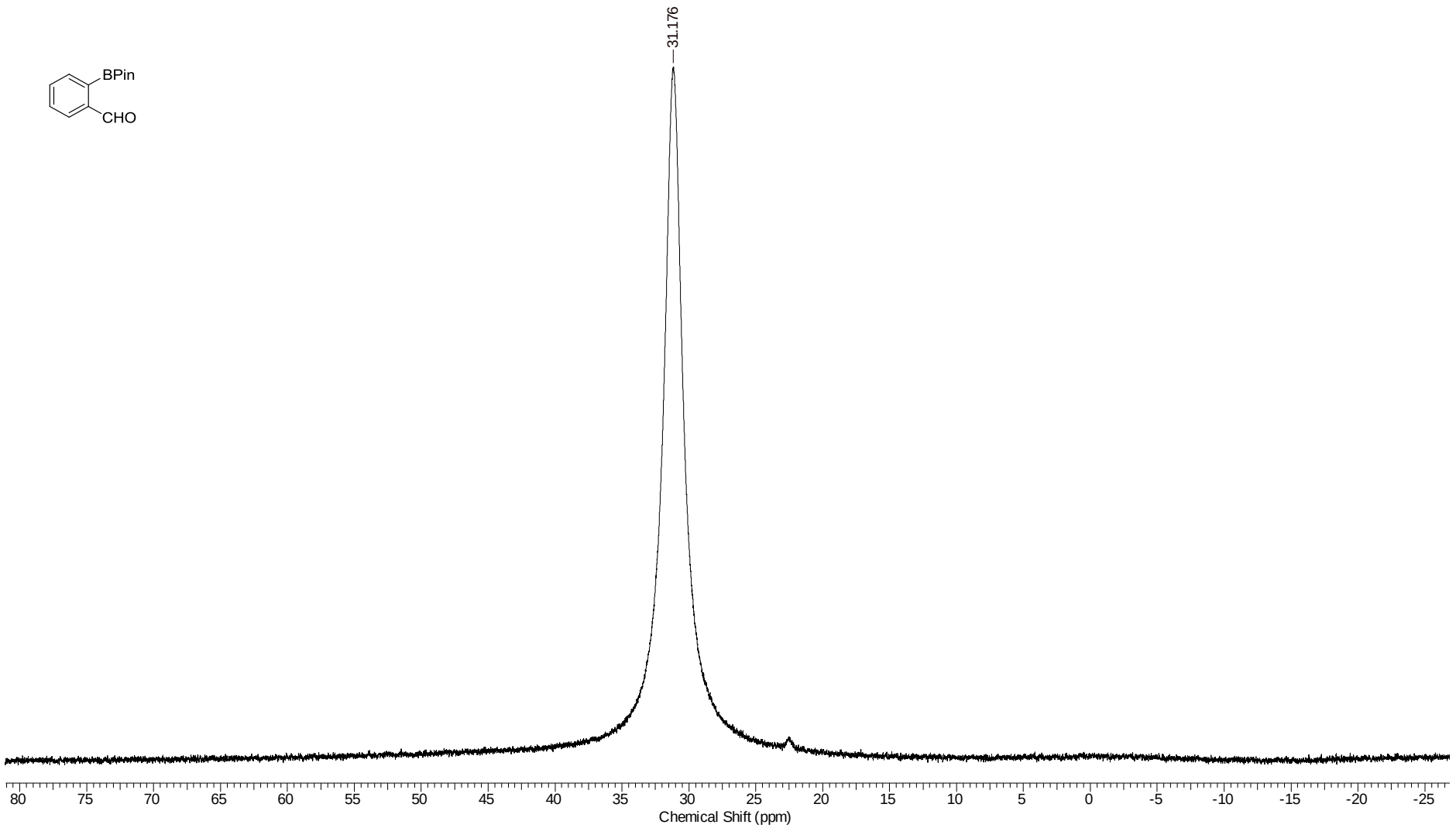

Figure S76. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3i**.

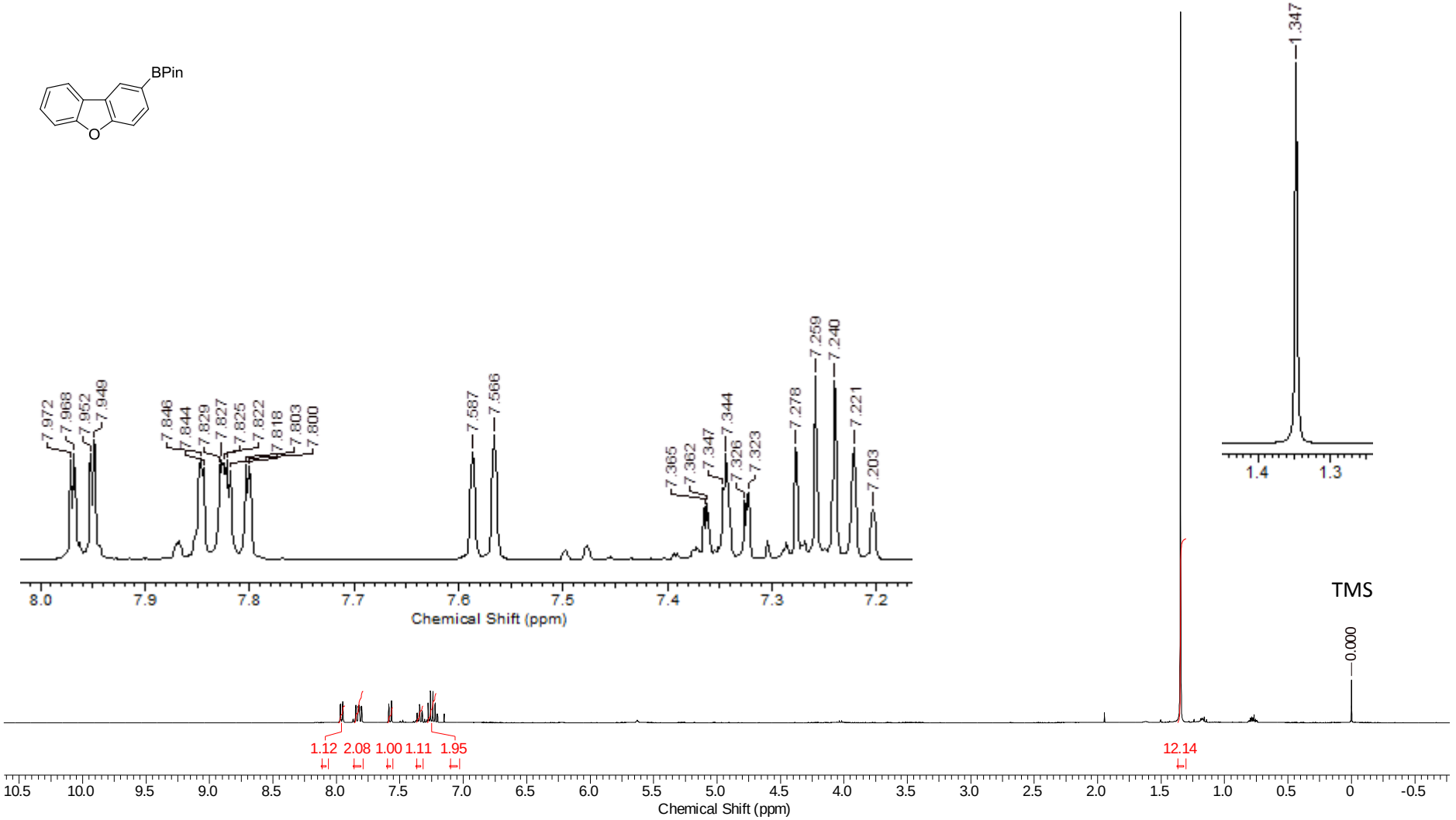

Figure S77. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3j**.

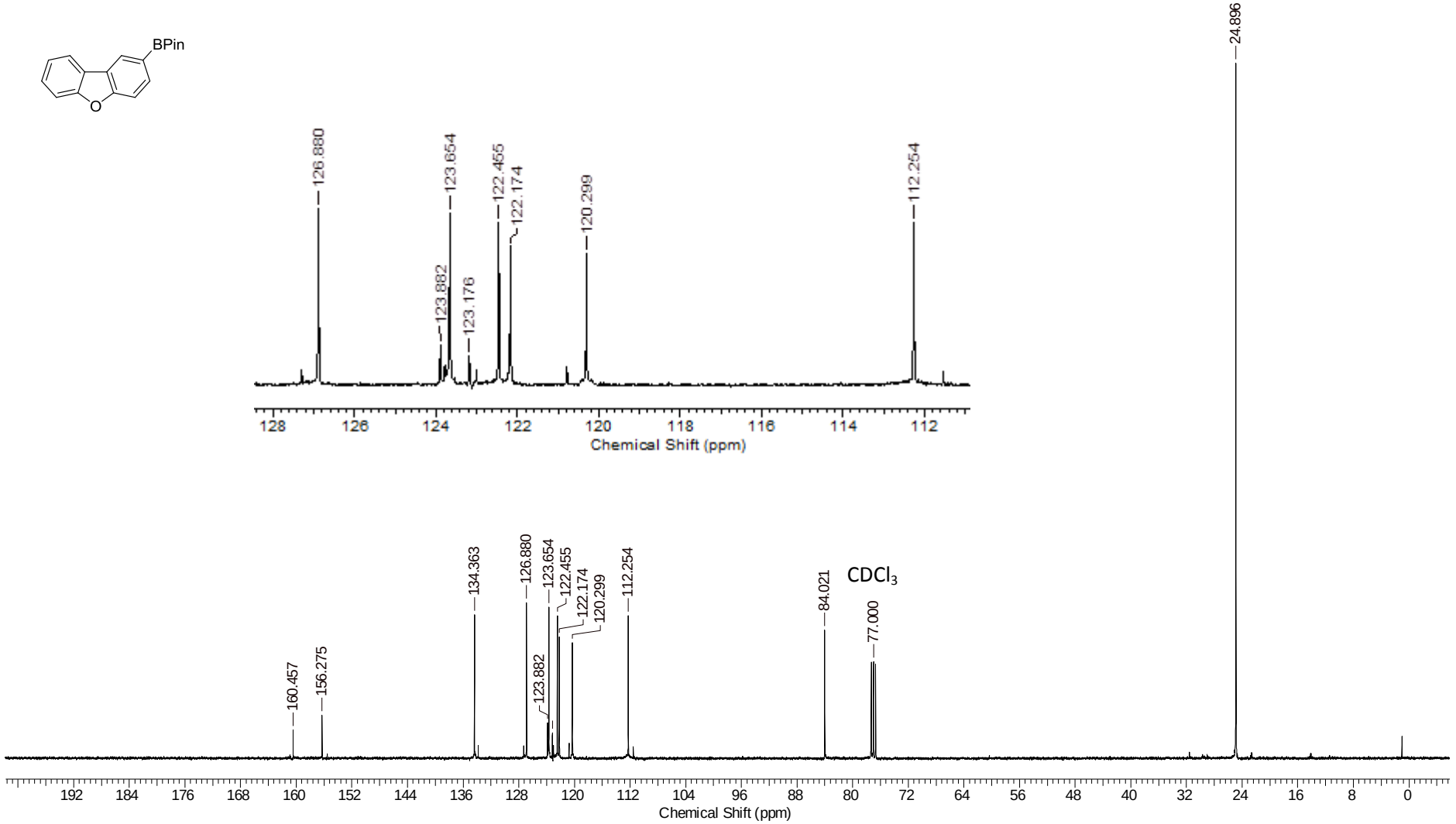

Figure S78. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3j**.

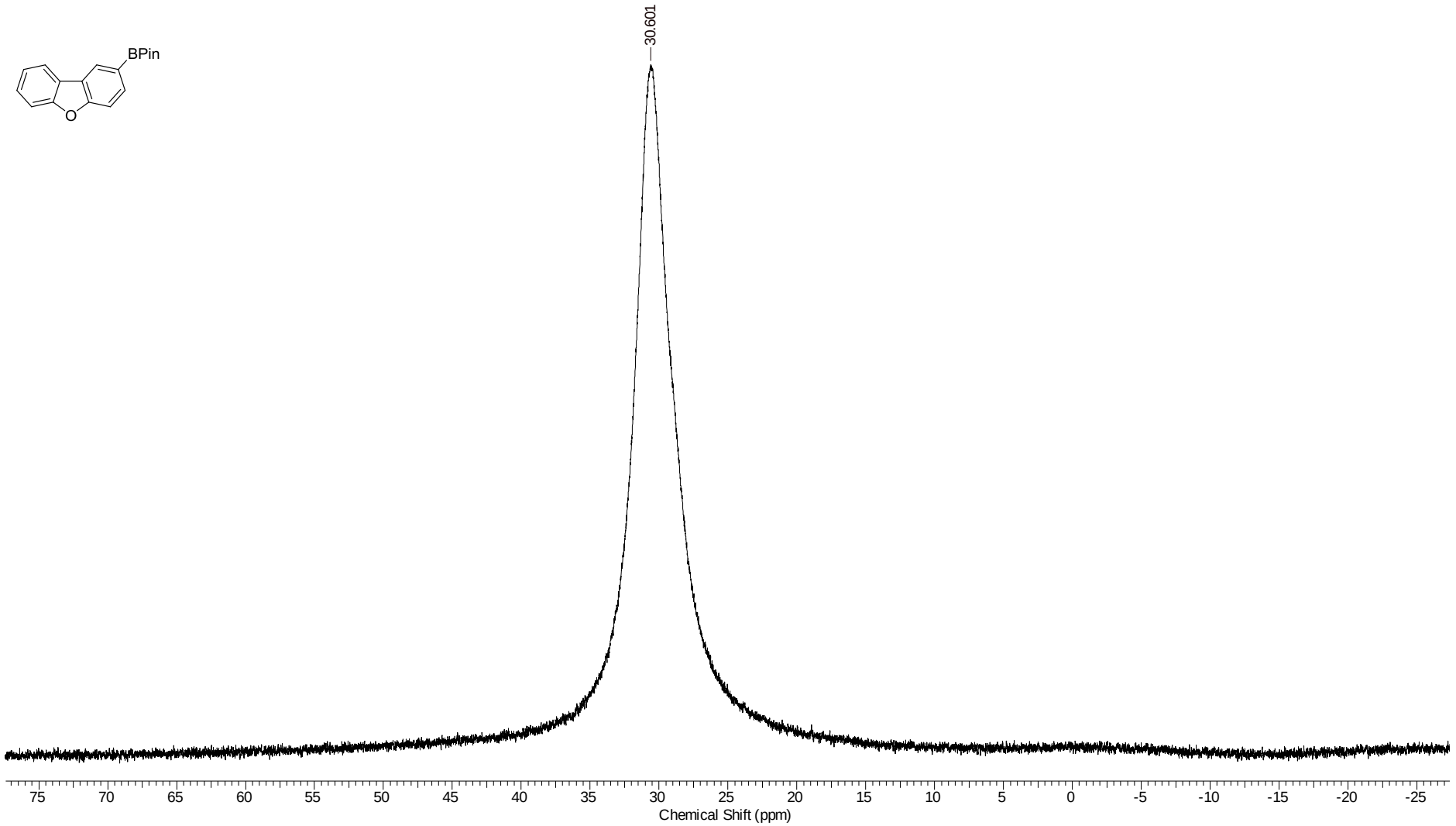

Figure S79. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3j**.

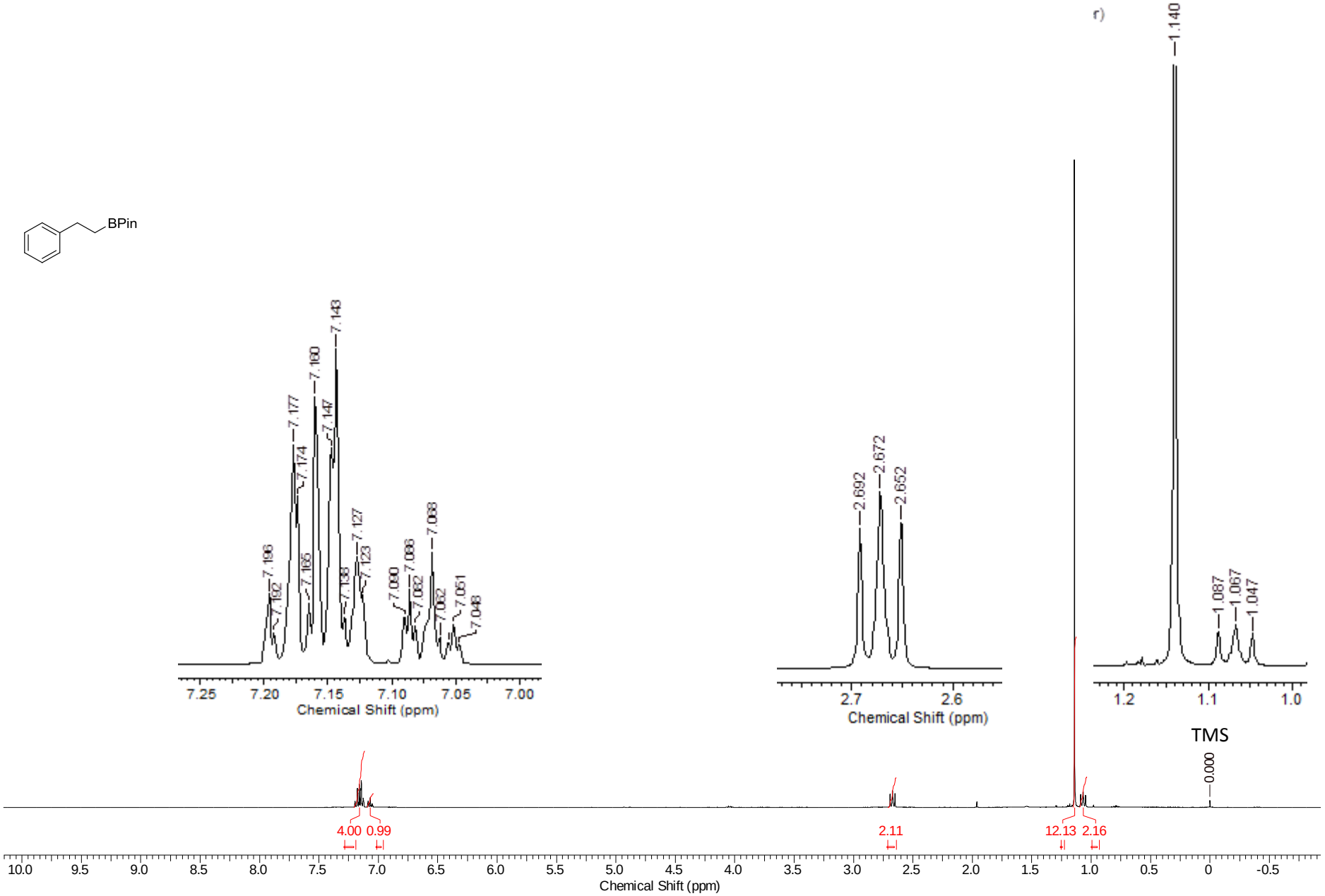

Figure S80. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3k**.

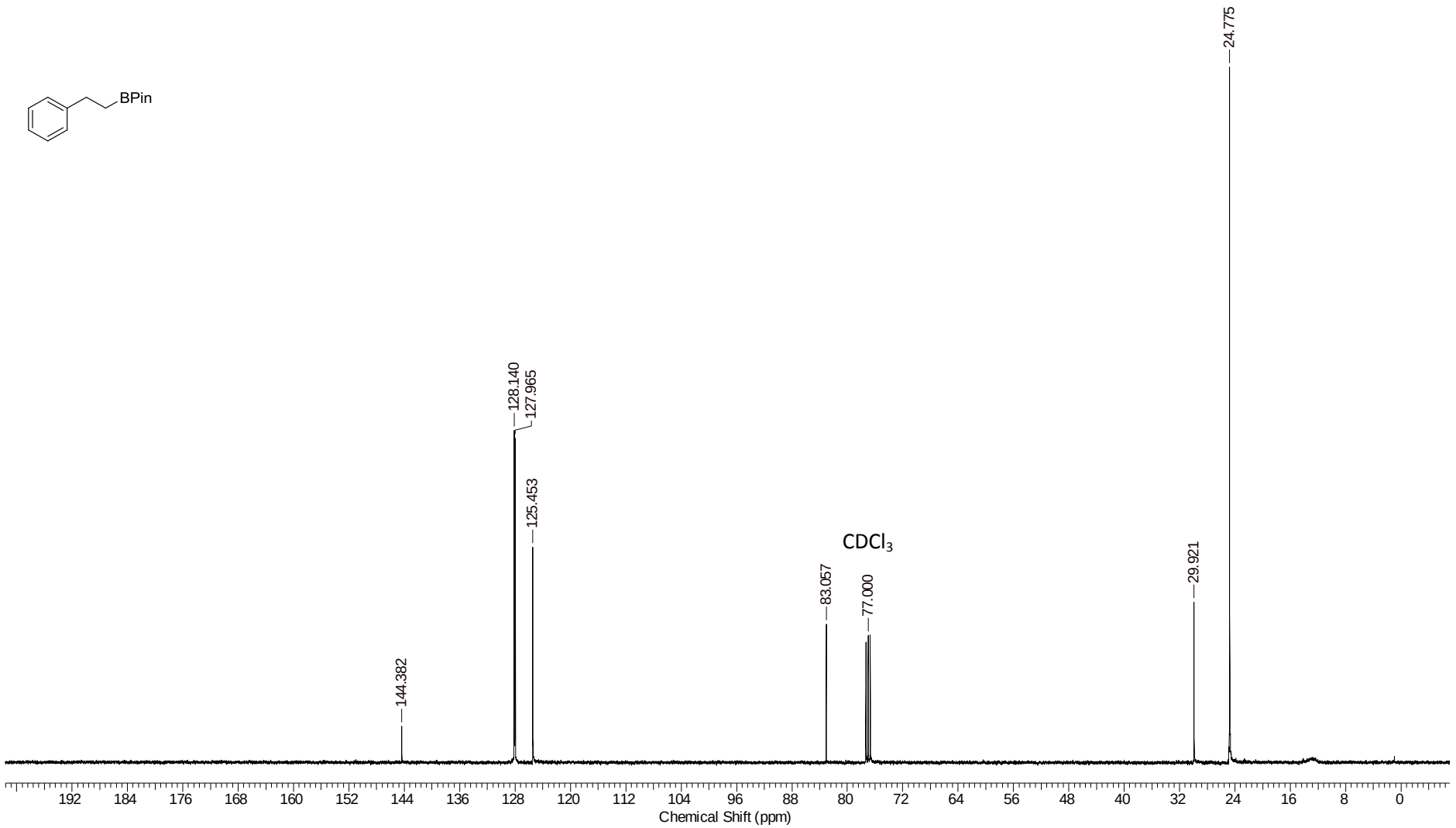

Figure S81. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3k**.

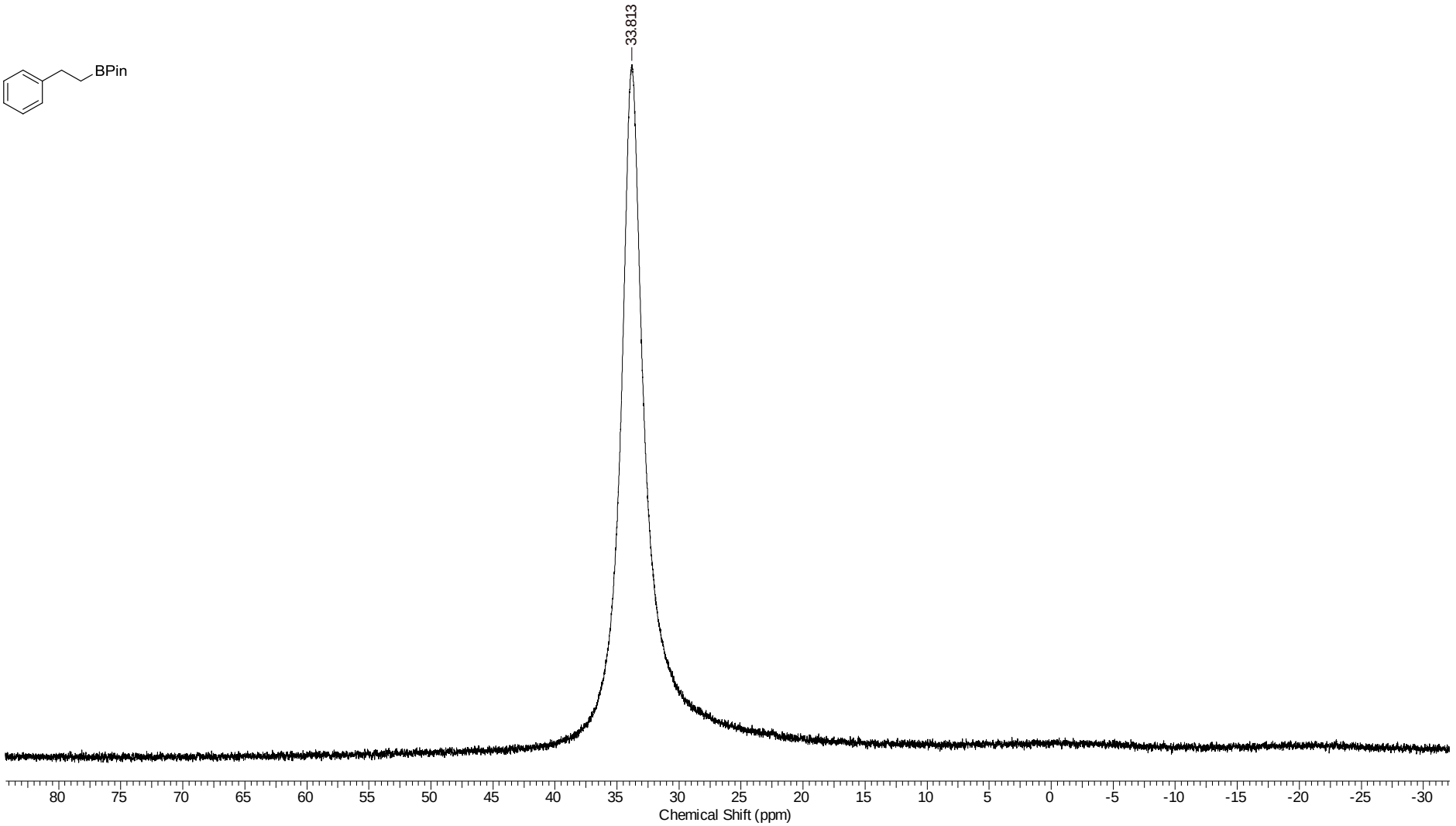

Figure S82. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3k**.

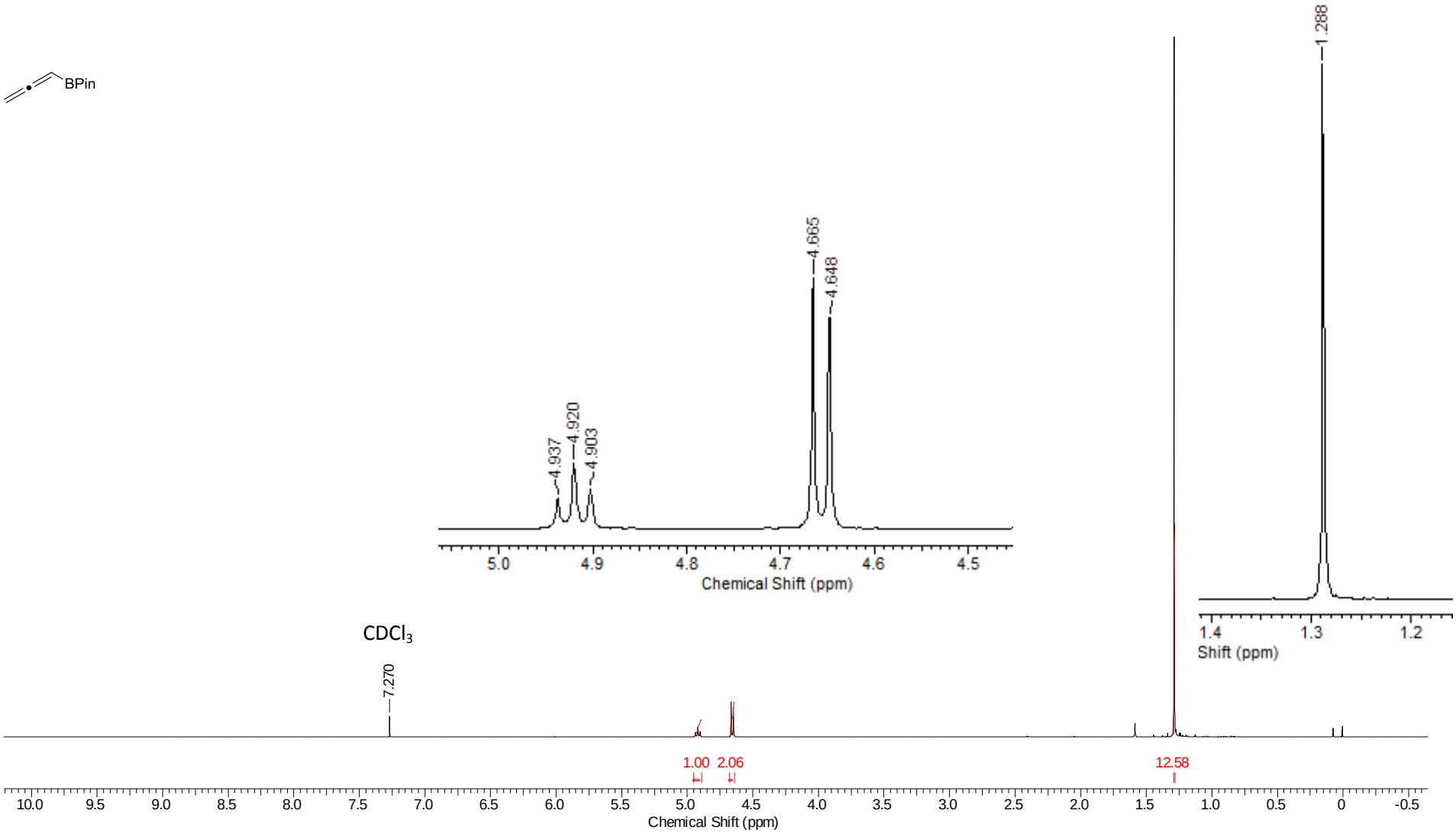

Figure S83. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3l**.

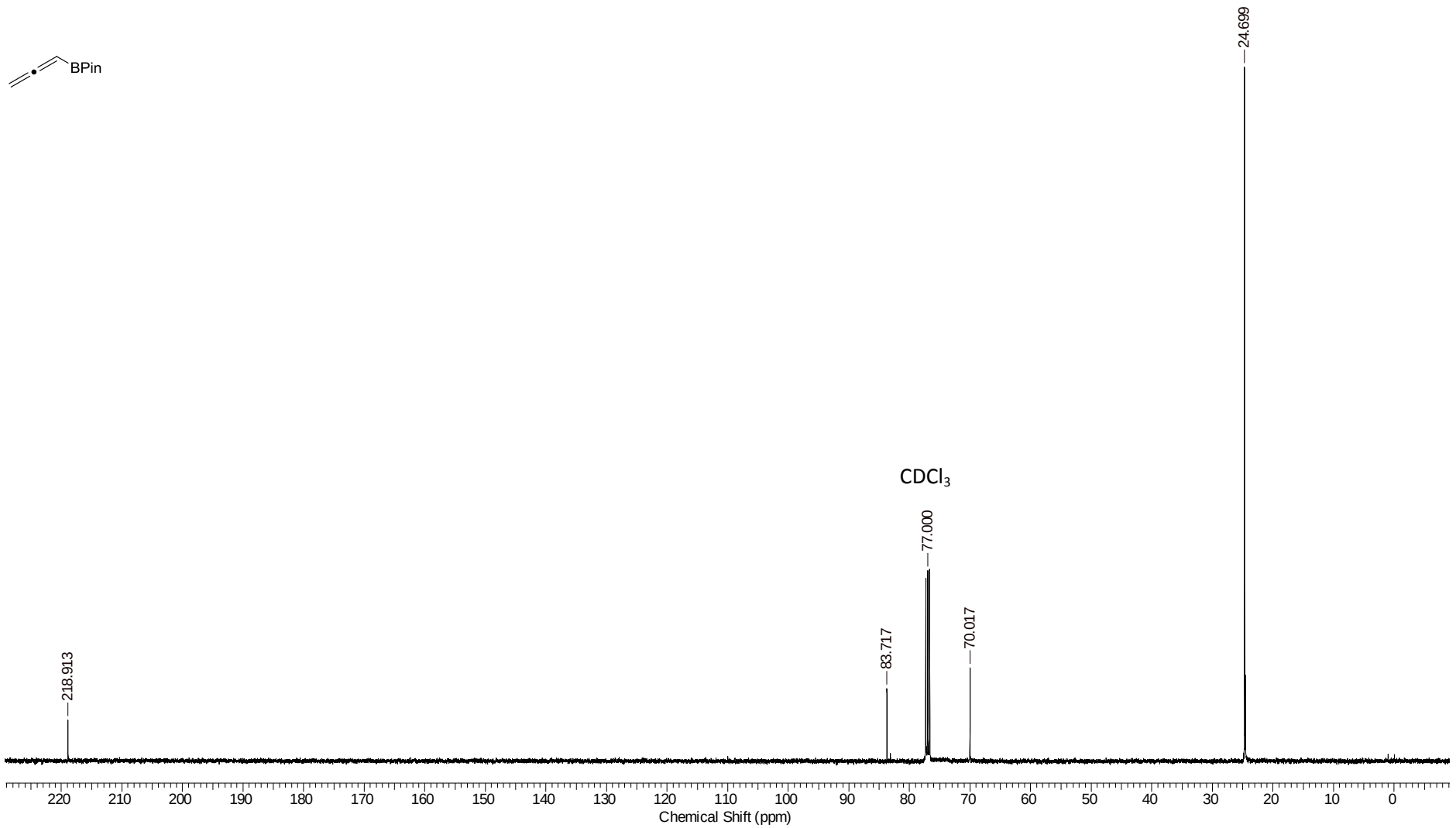

Figure S84. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3l**.

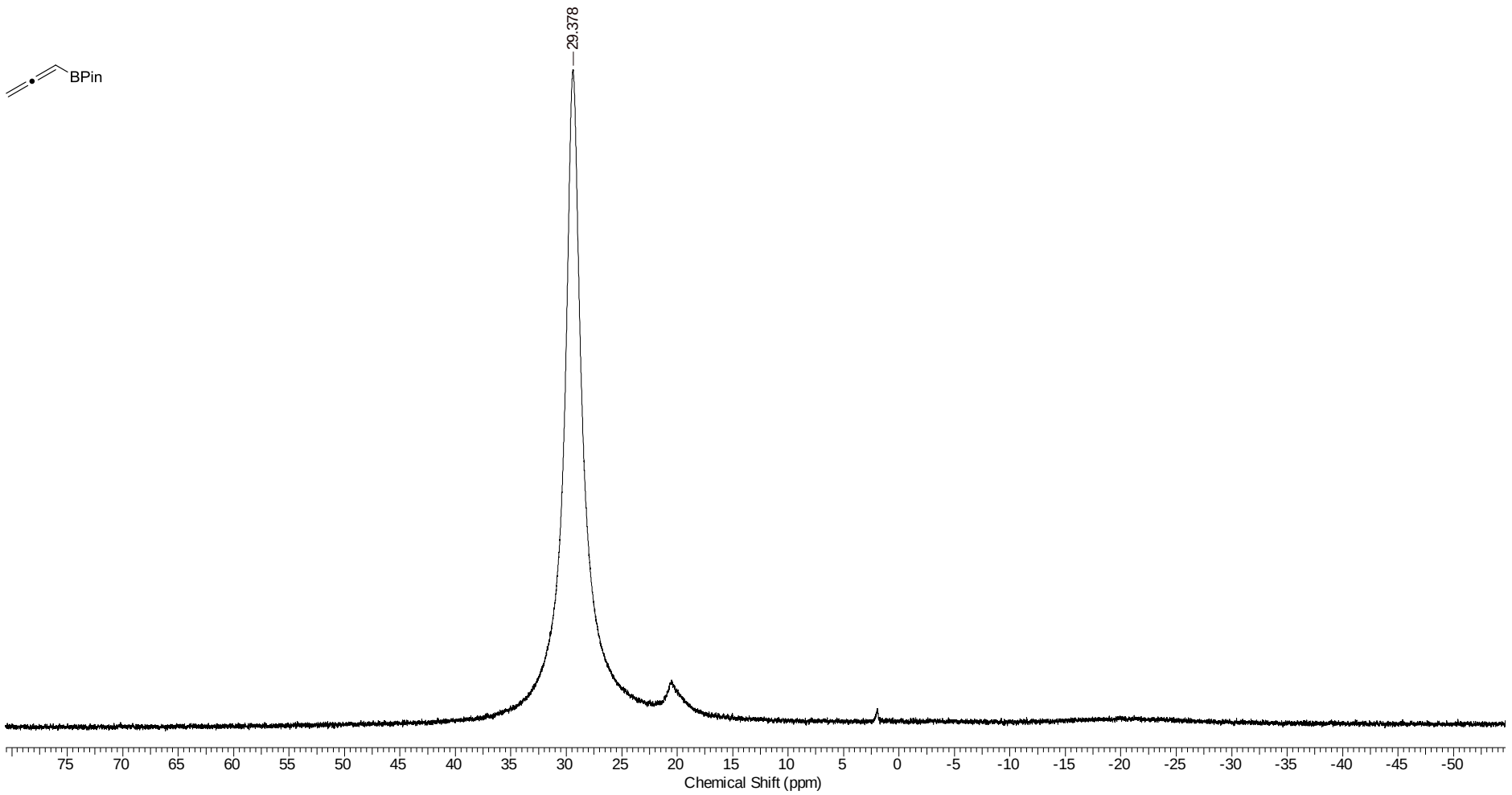

Figure S85. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3l**.

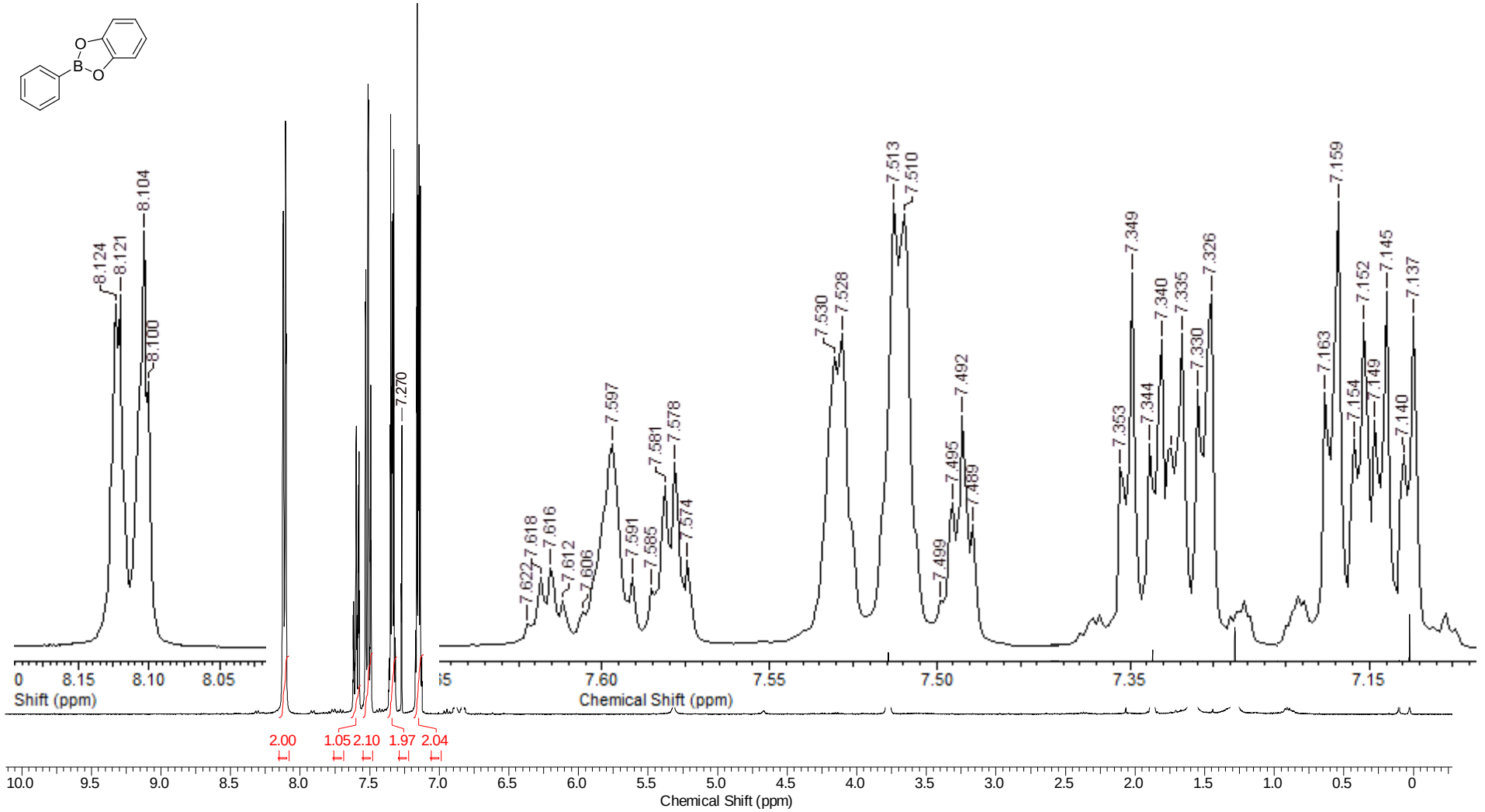

Figure S86. ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3m**.

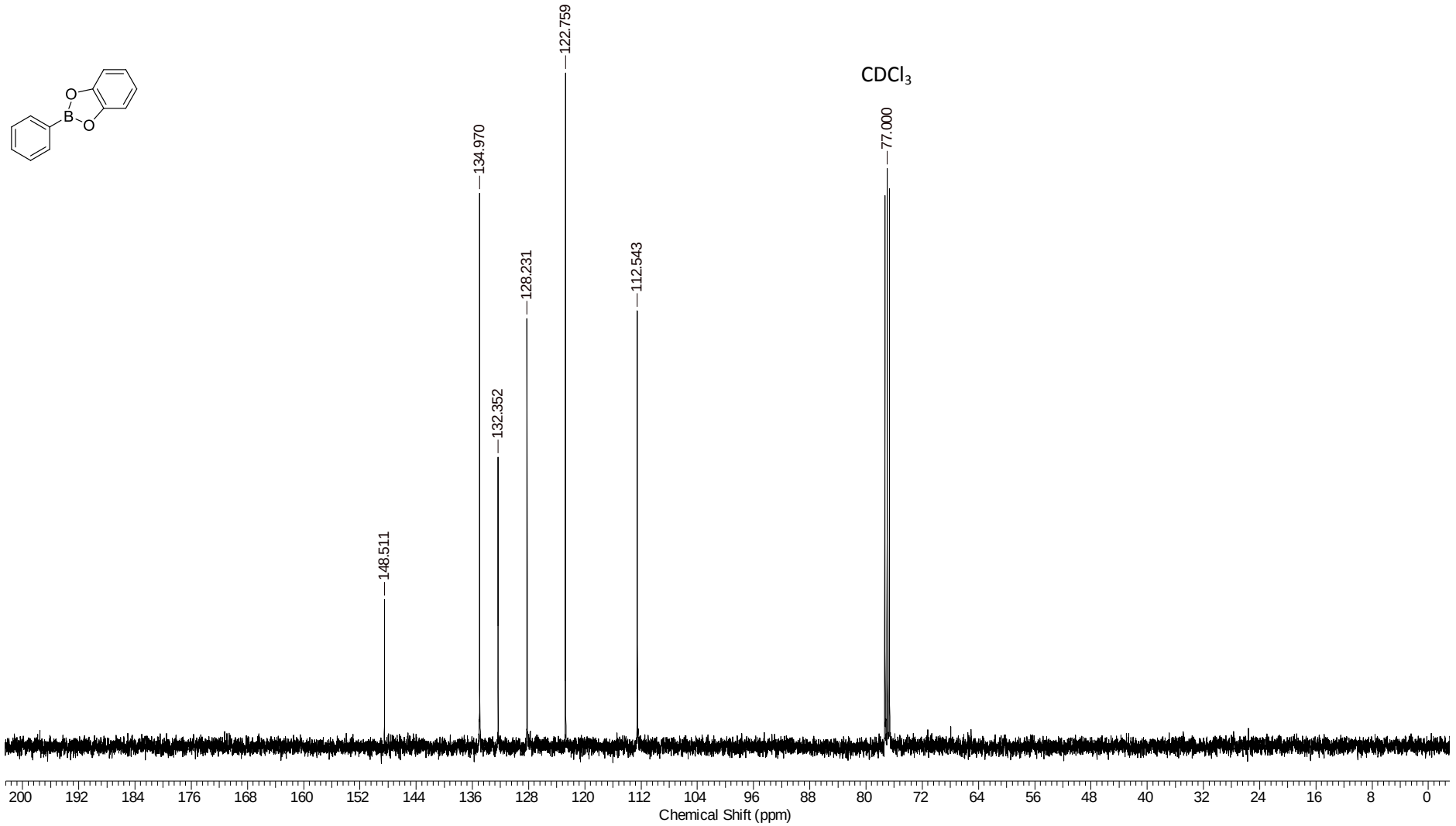

Figure S87. ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3m**.

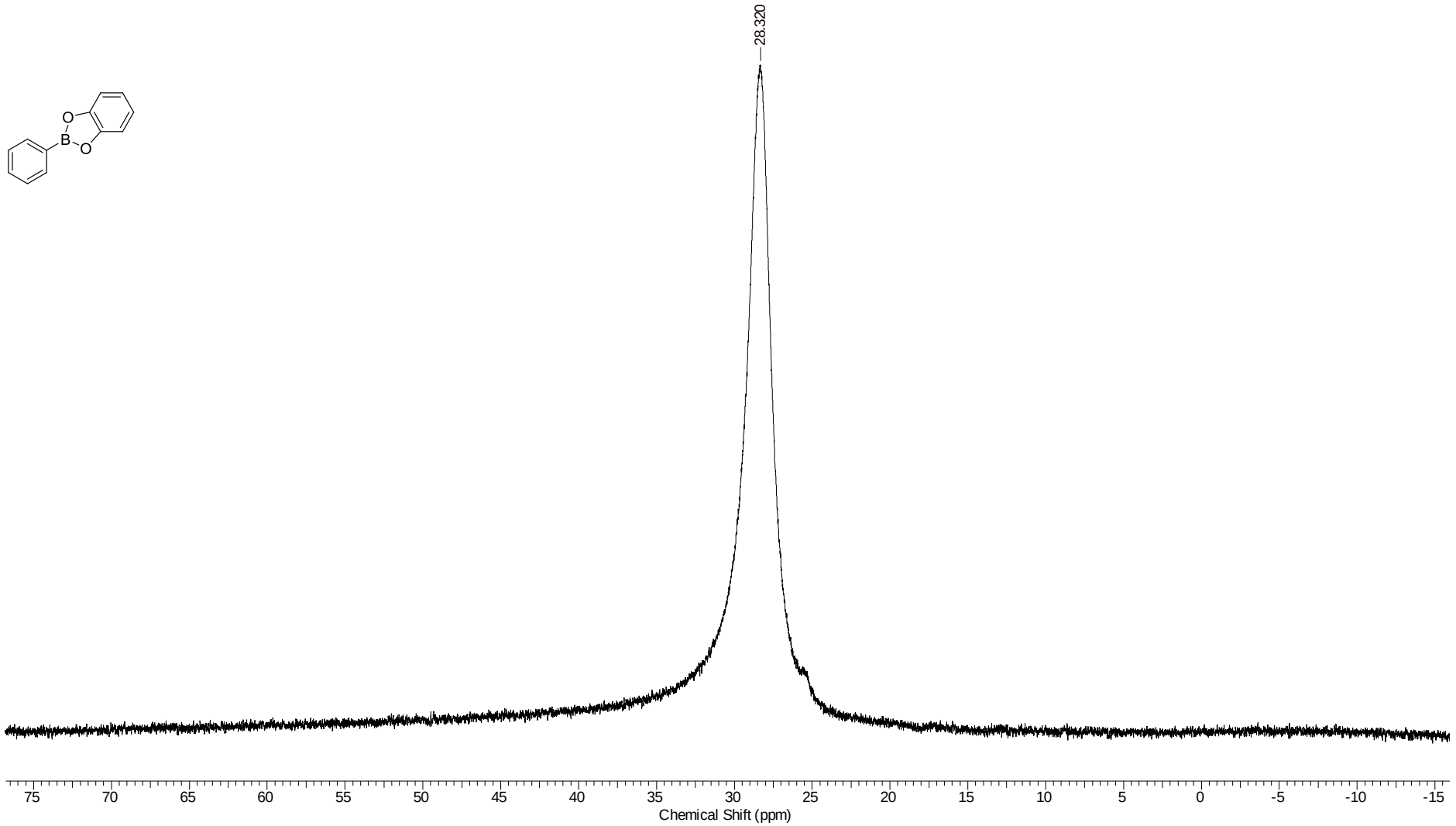

Figure S88. ^{11}B NMR spectrum (128 MHz, $CDCl_3$) of compound **3m**.