

Supplementary material for:

Synthesis and *in vitro* anti-*Toxoplasma gondii* activity of novel thiazolidin-4-one derivatives

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Compound 42

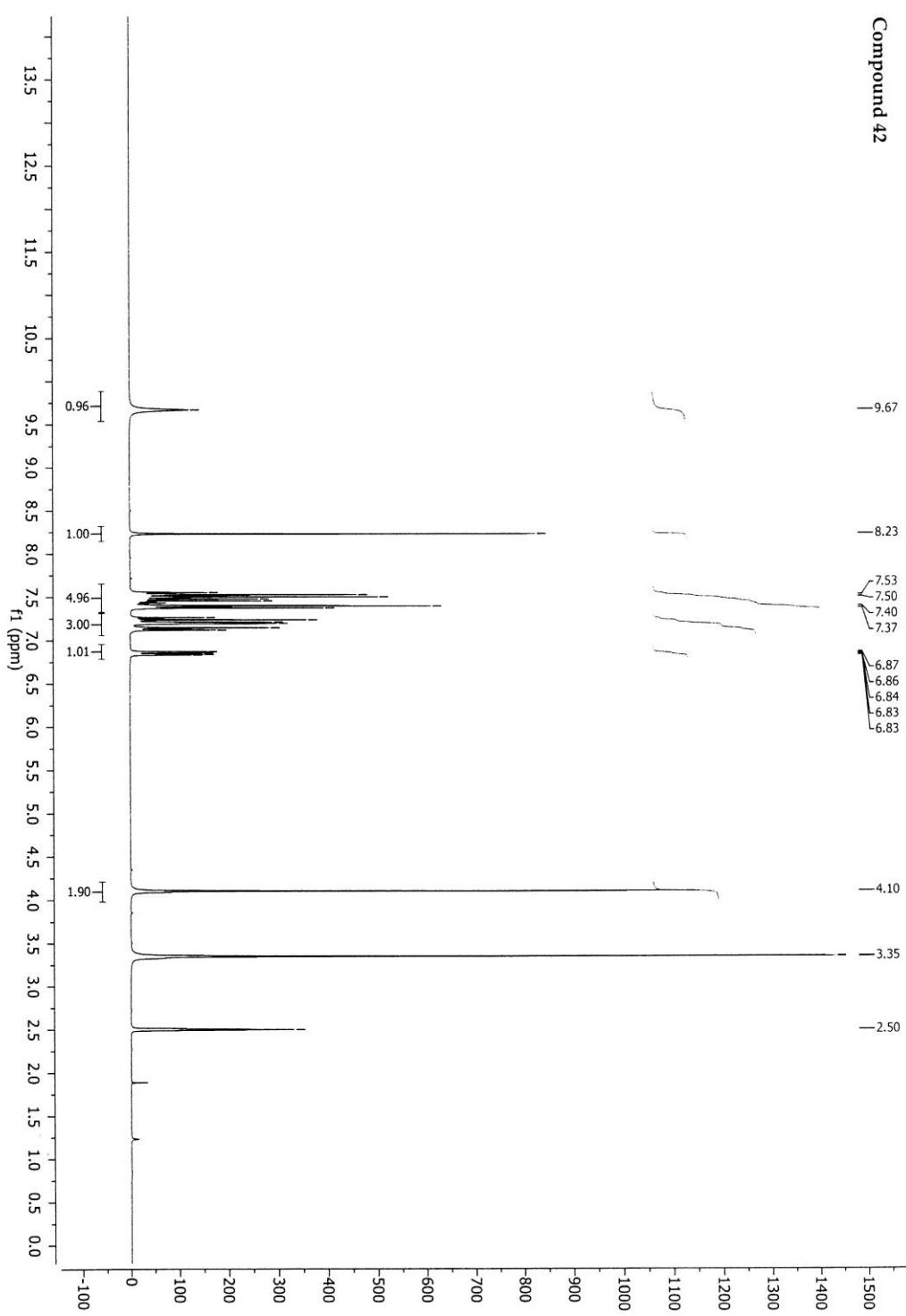


Fig. S1. ¹H NMR spectrum for compound 42

Compound 42

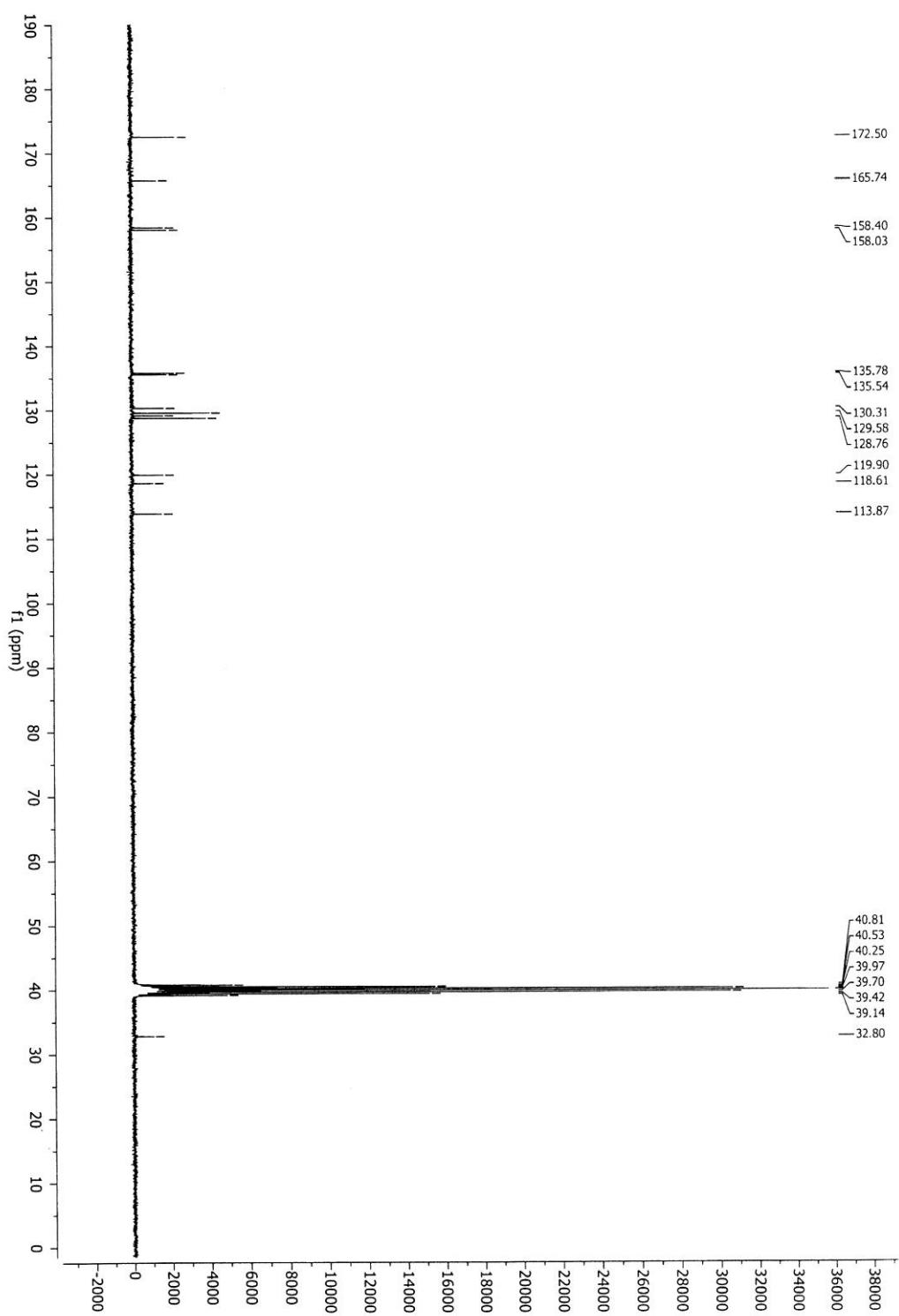


Fig. S2. ¹³C NMR spectrum for compound 42



Fig. S3. ^1H NMR spectrum for compound 45

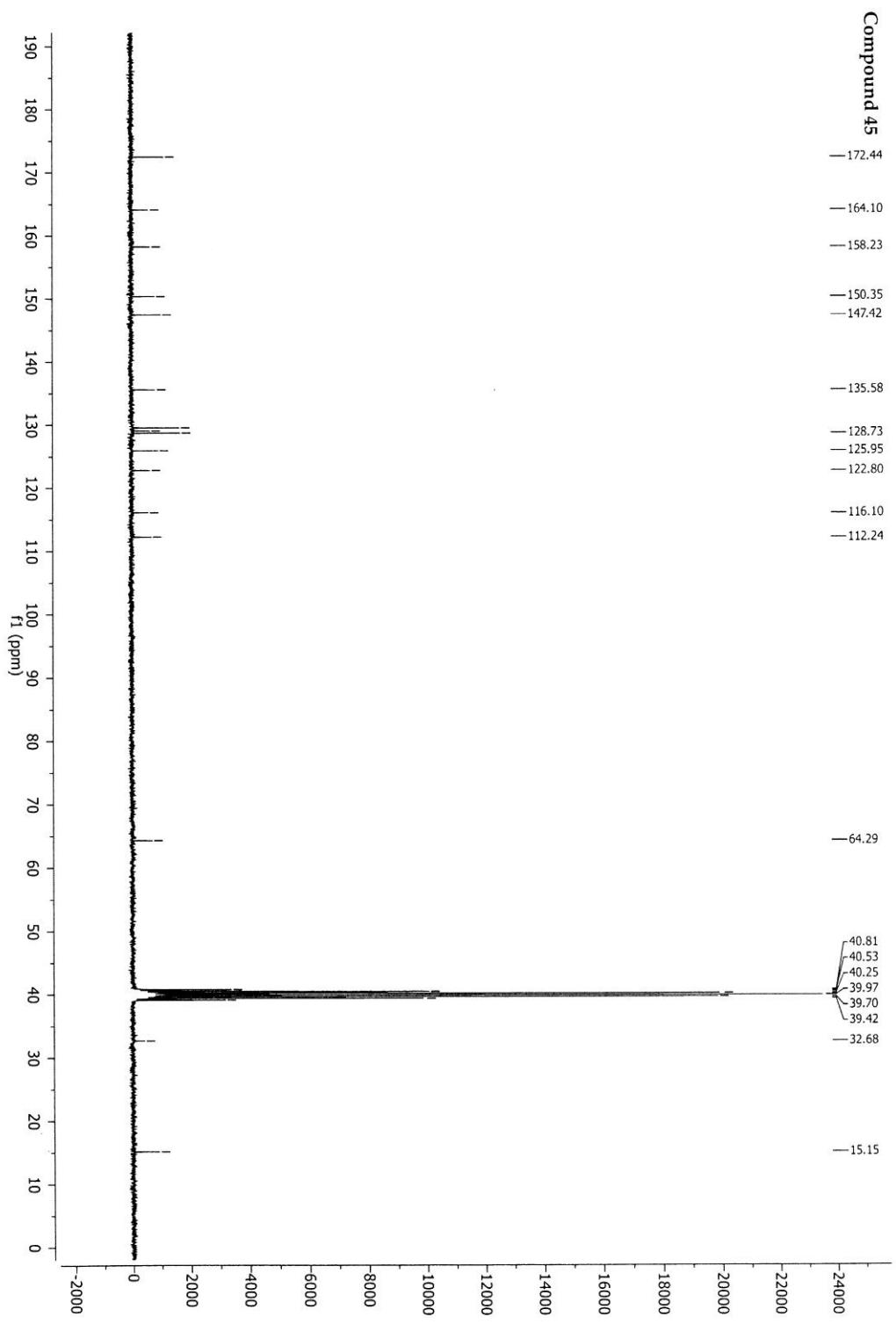


Fig. S4. ^{13}C NMR spectrum for compound 45

Compound 46

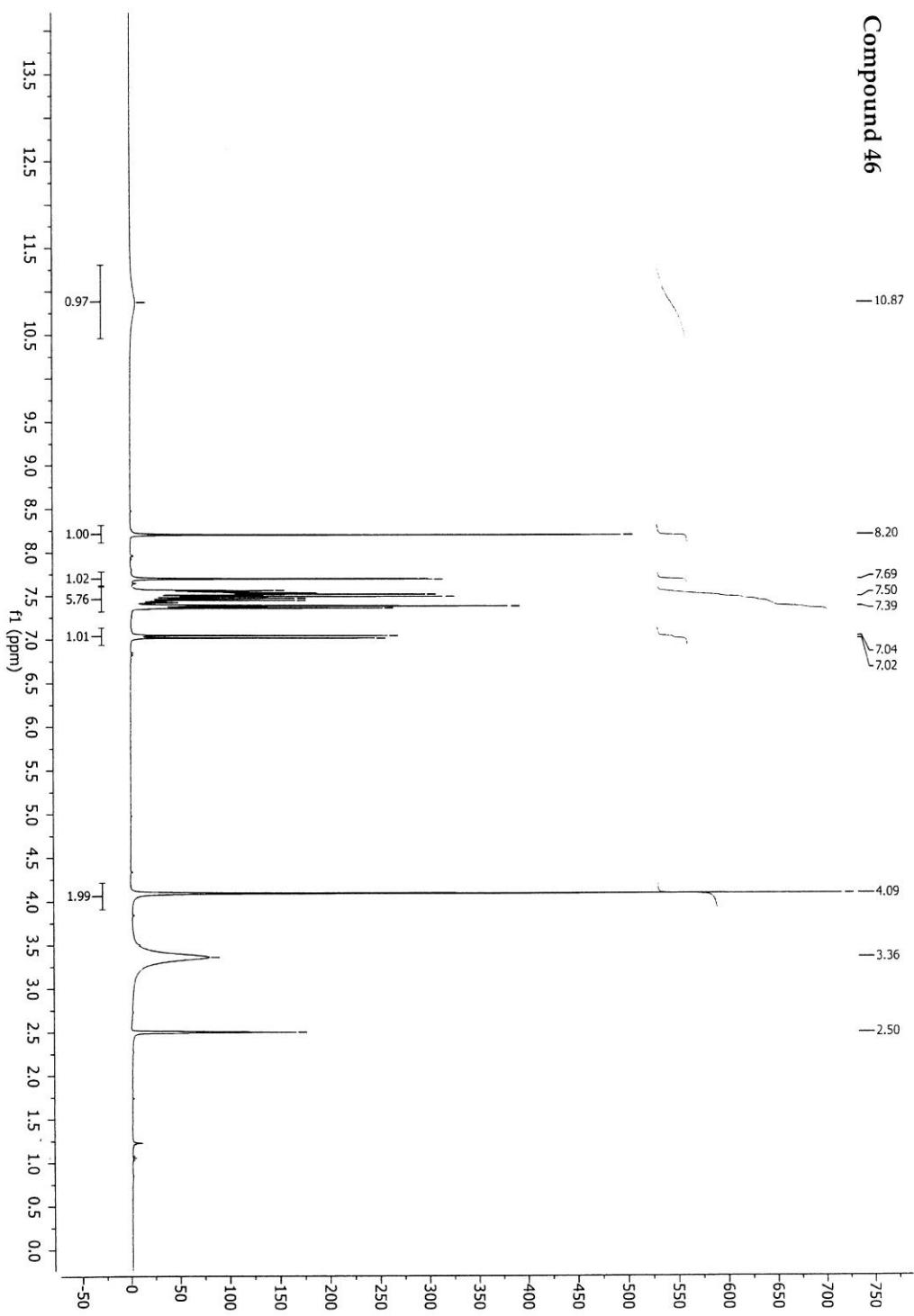


Fig. S5. ¹H NMR spectrum for compound 46

Compound 46

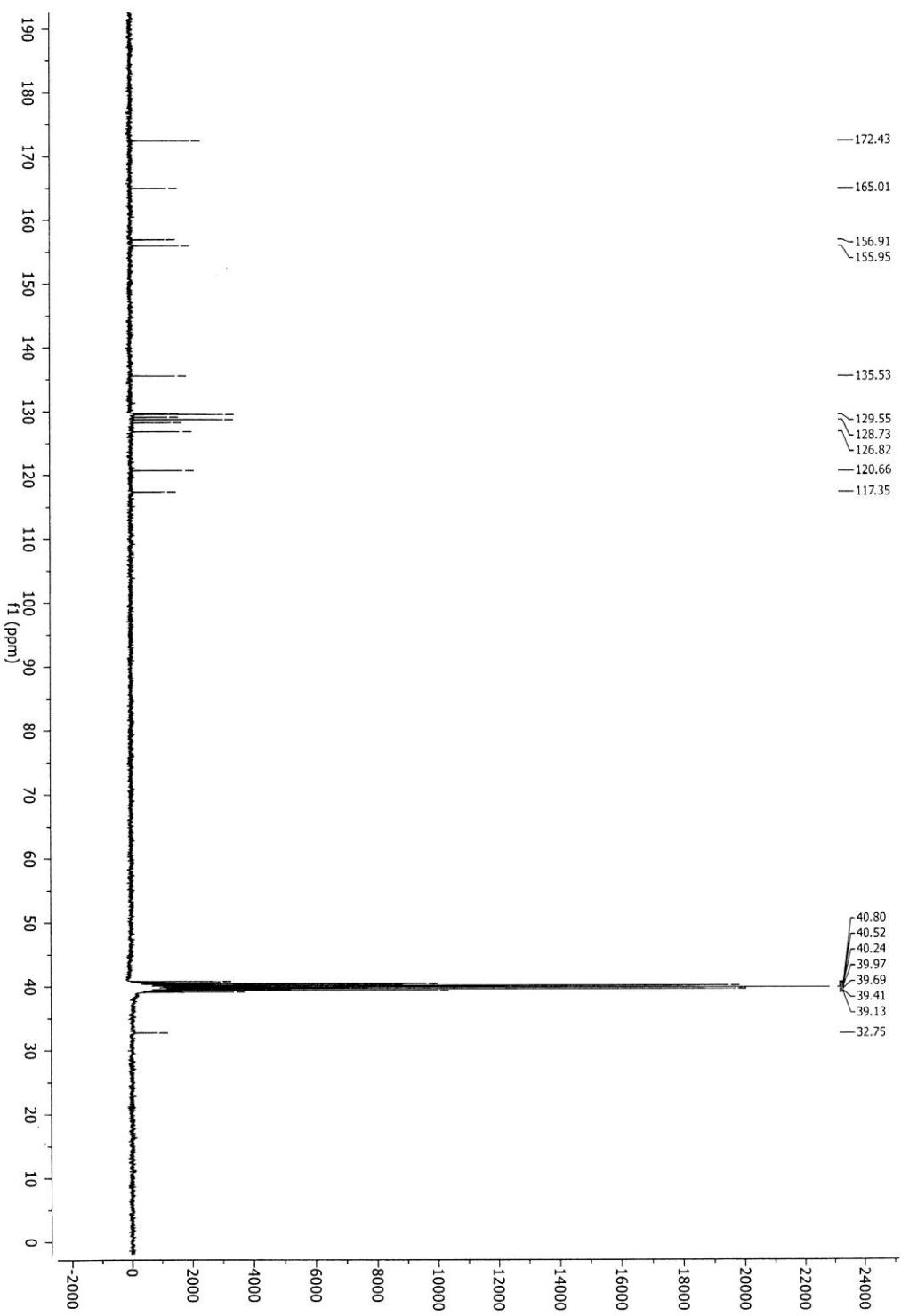


Fig. S6. ¹³C NMR spectrum for compound 46

Compound 47

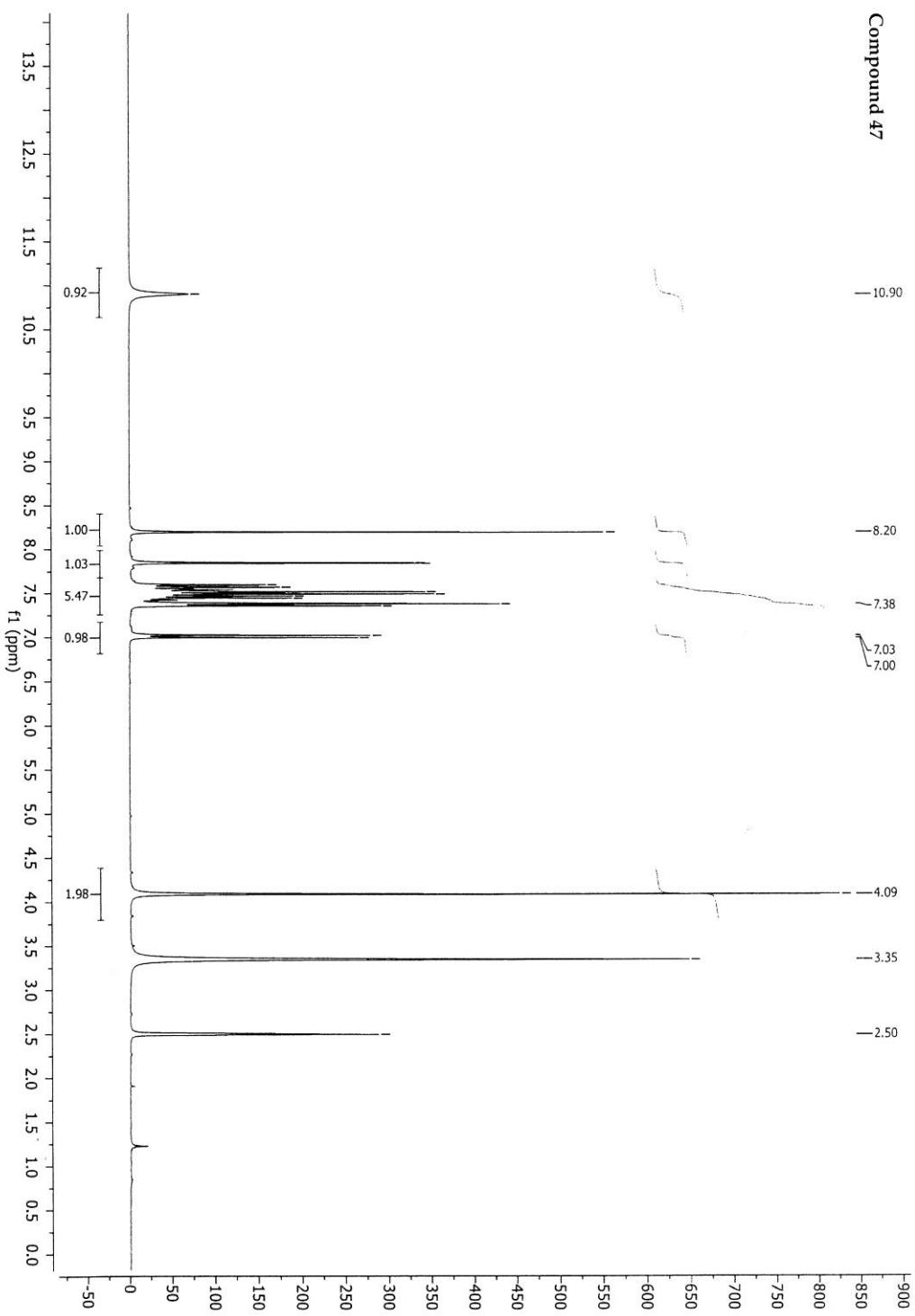


Fig. S7. ¹H NMR spectrum for compound 47

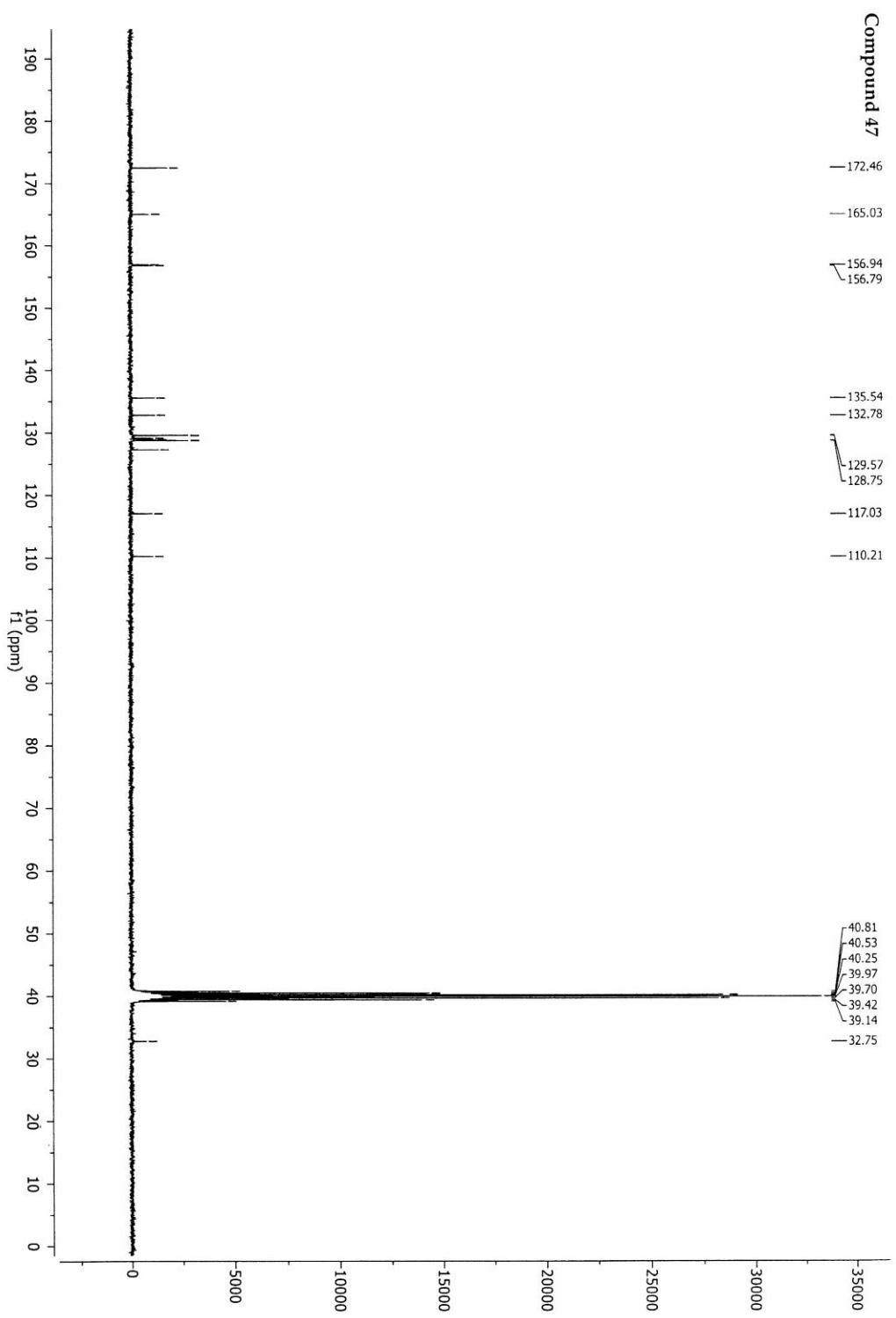


Fig. S8. ^{13}C NMR spectrum for compound 47

Compound 48

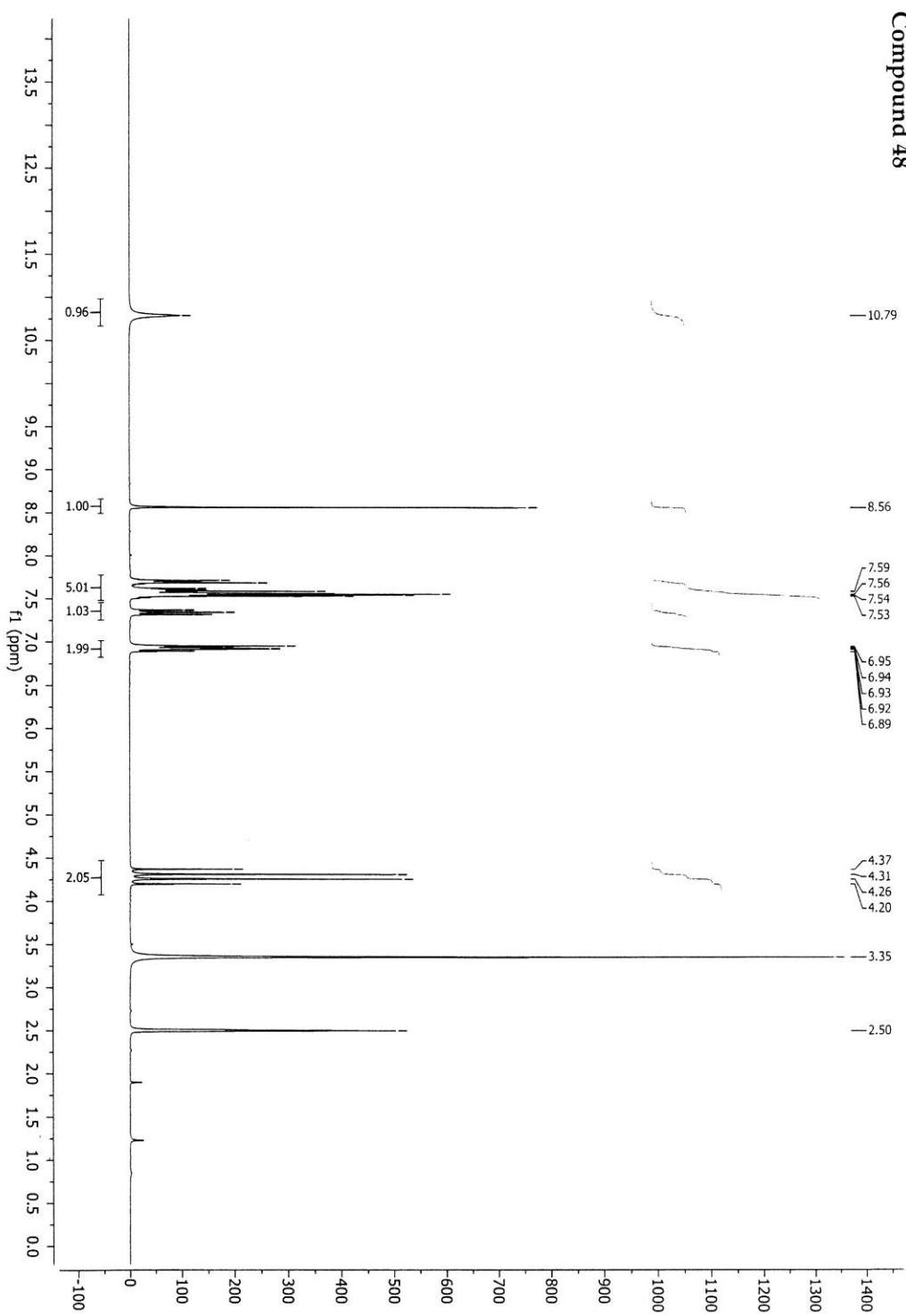


Fig. S9. ¹H NMR spectrum for compound 48

Compound 48

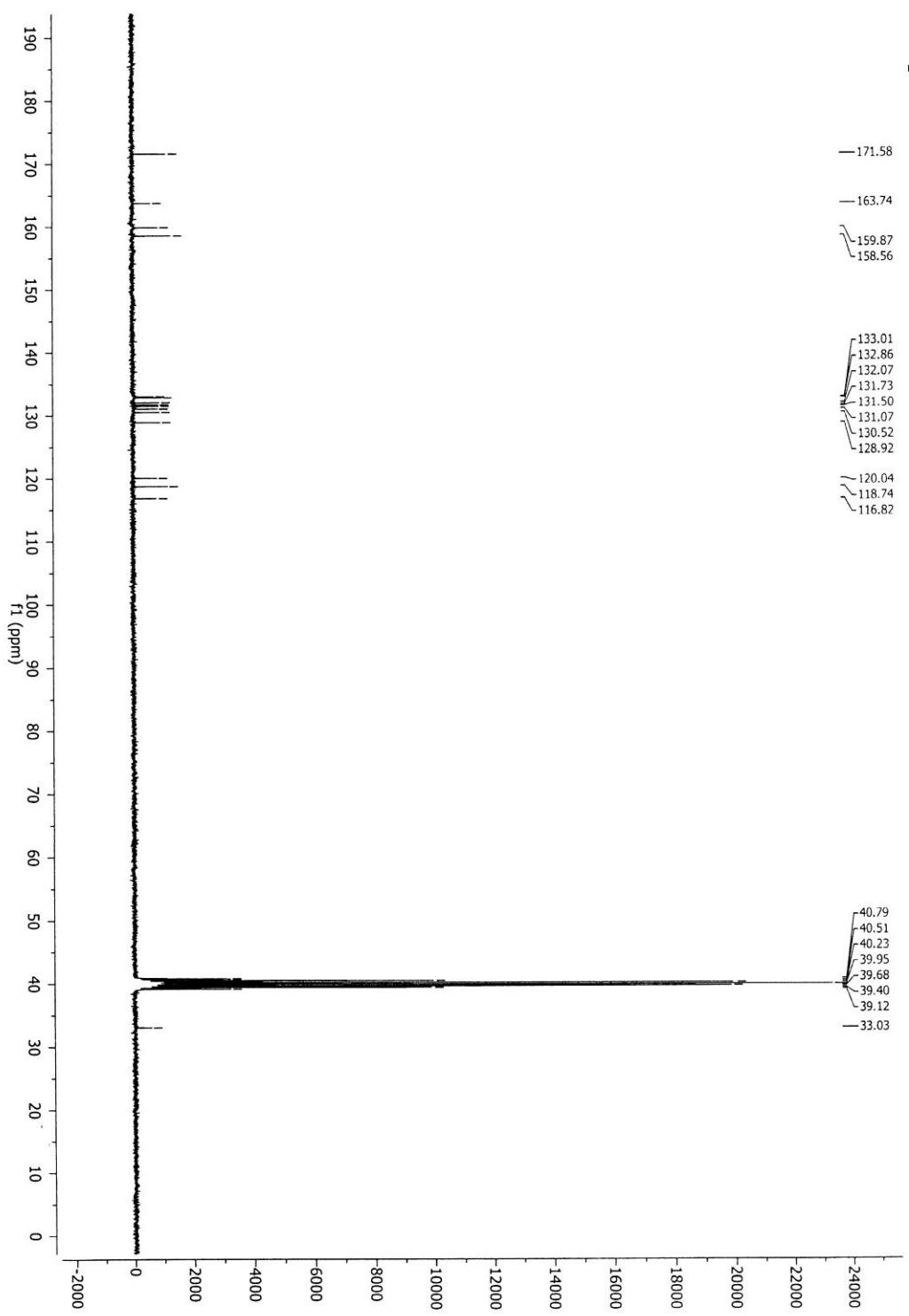


Fig. S10. ¹³C NMR spectrum for compound 48

Compound 49

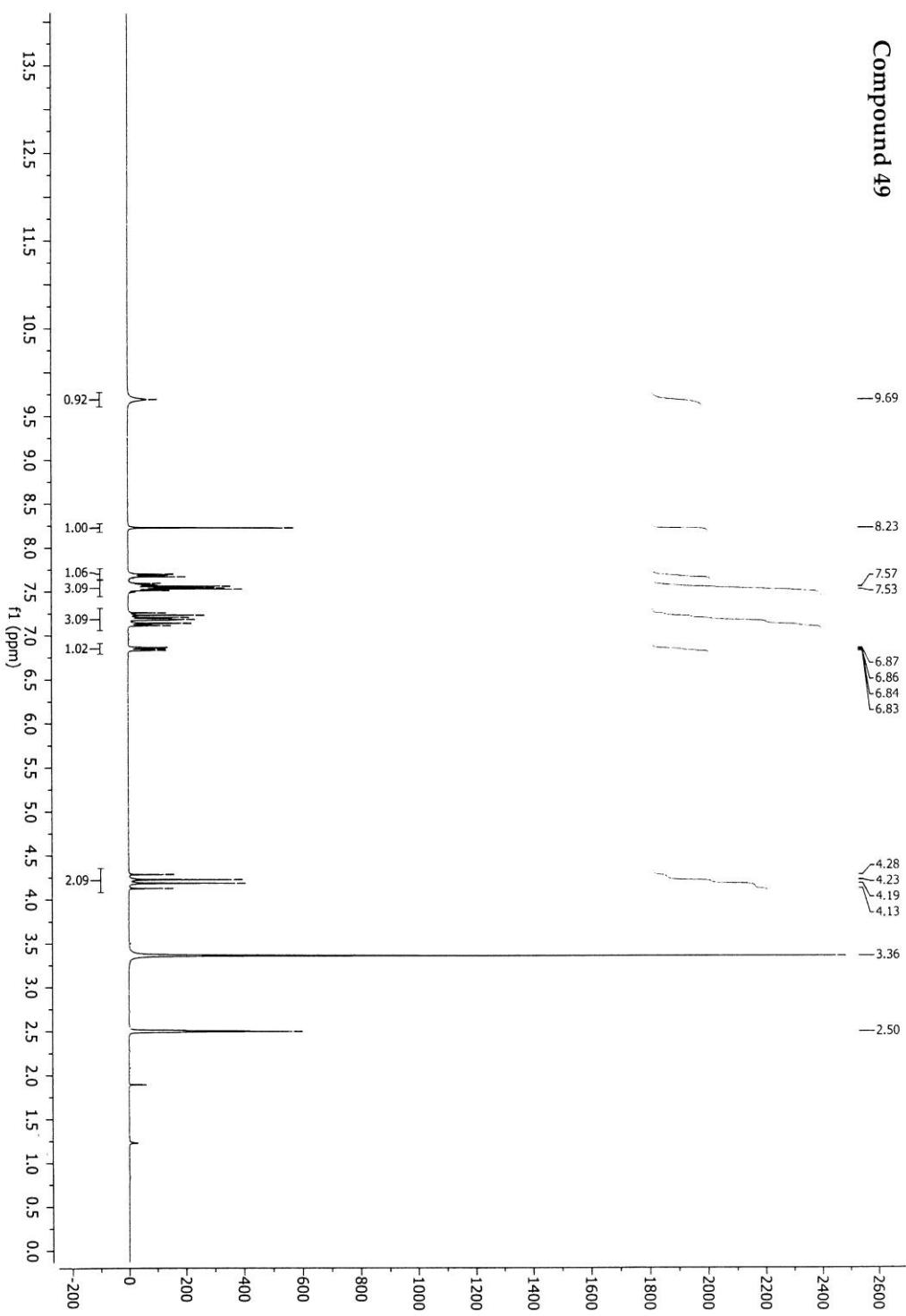


Fig. S11. ¹H NMR spectrum for compound 49

Compound 49

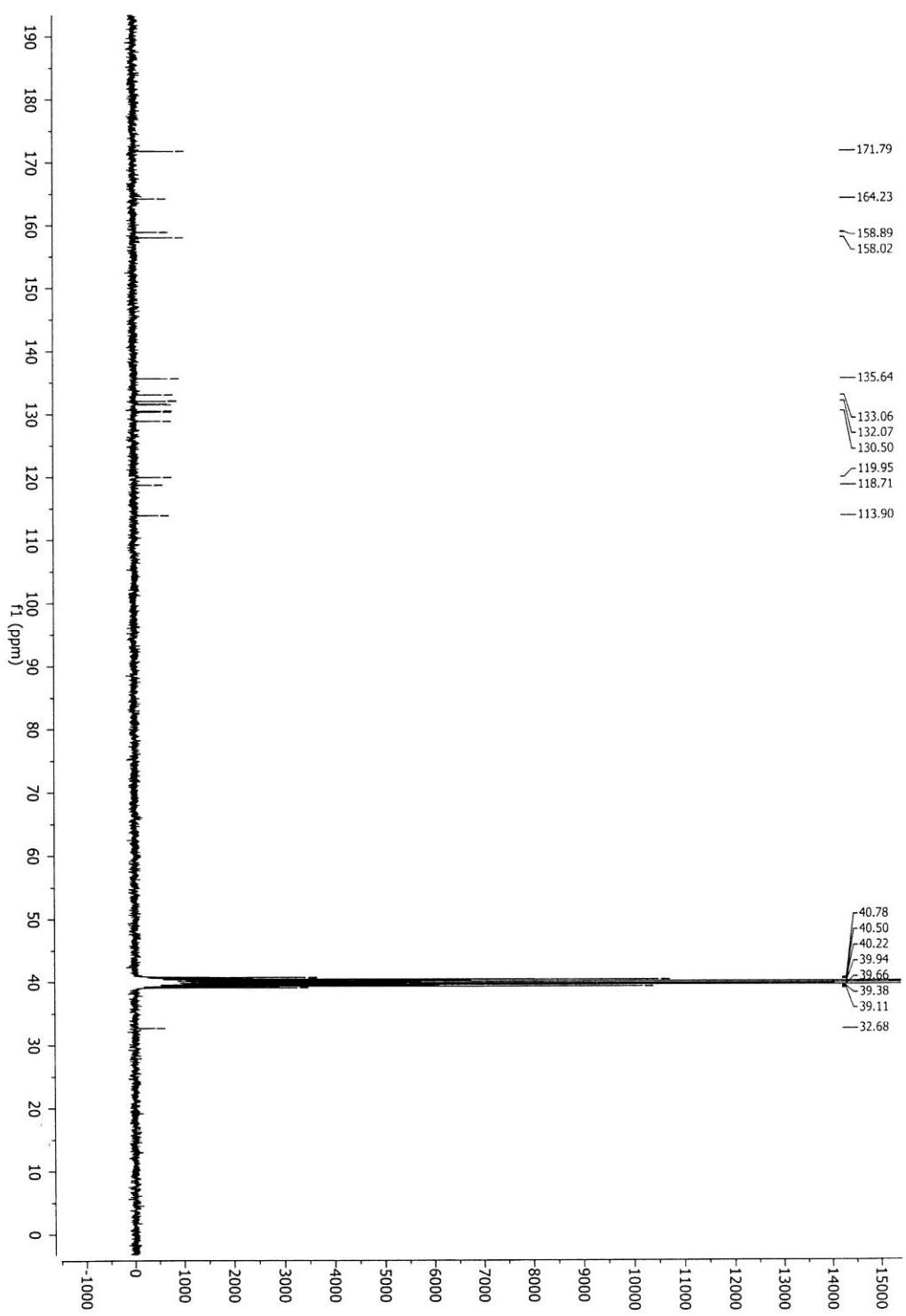


Fig. S12. ¹³C NMR spectrum for compound 49

Compound 50

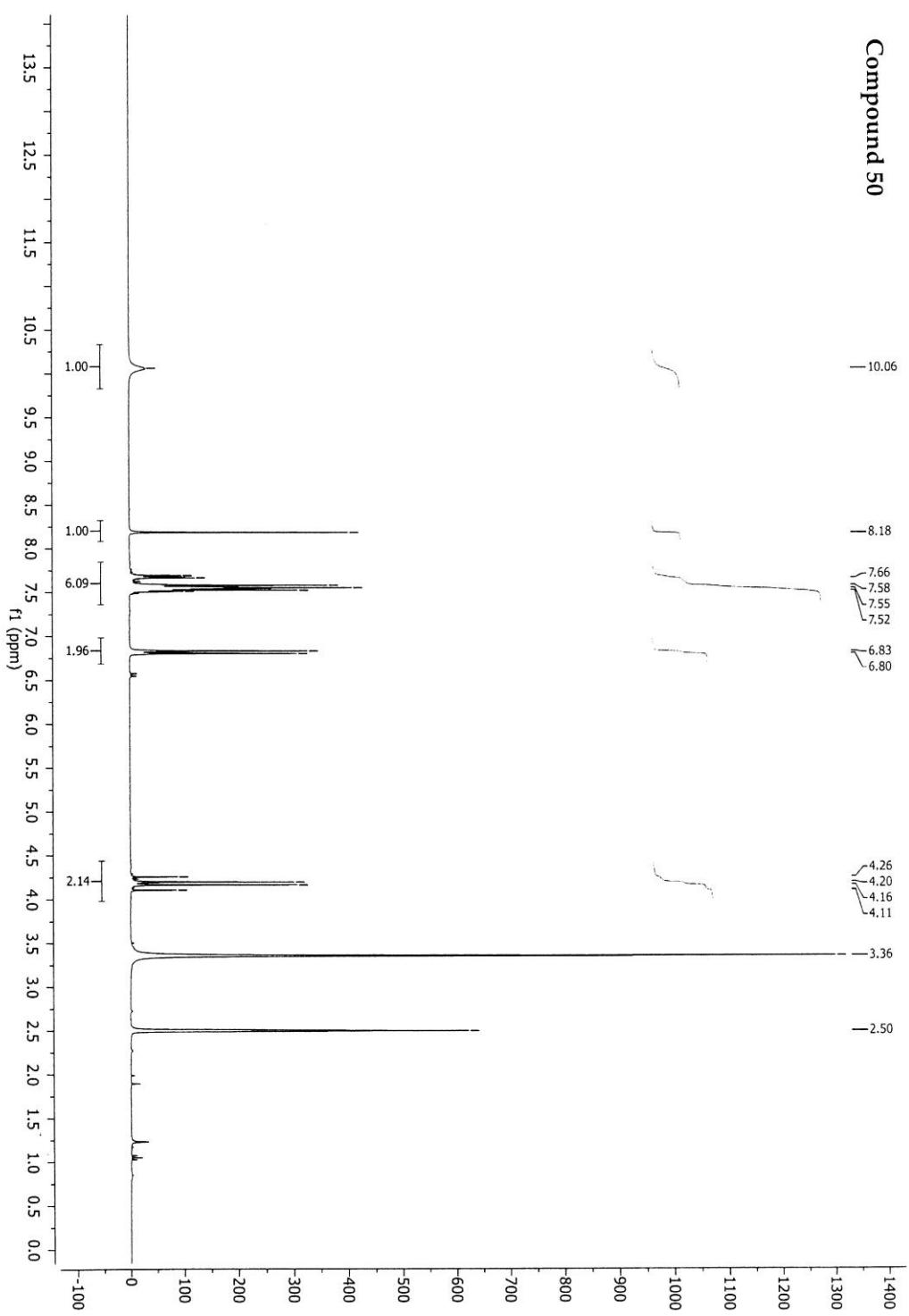


Fig. S13. ¹H NMR spectrum for compound 50

Compound 50

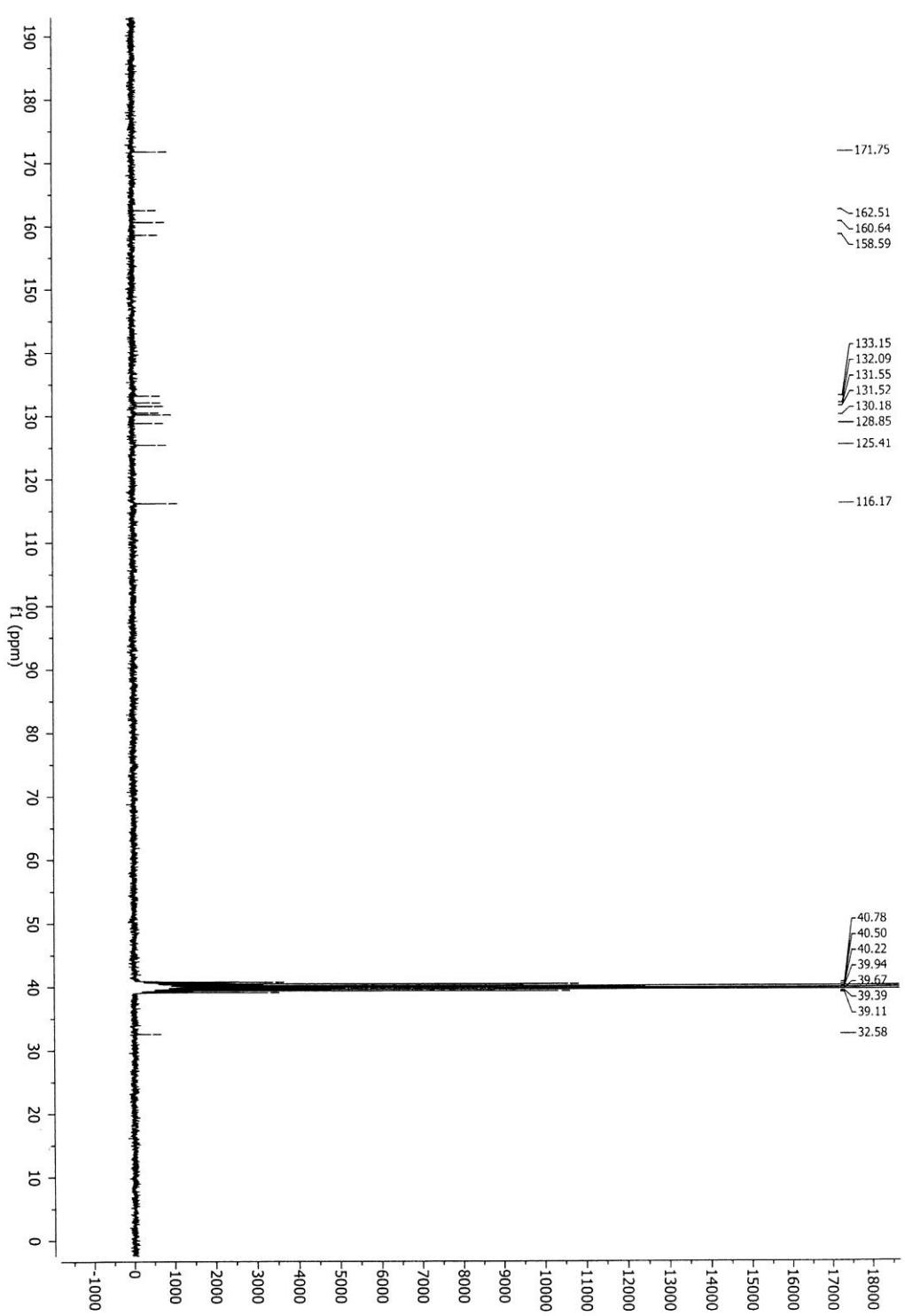


Fig. S14. ¹³C NMR spectrum for compound 50

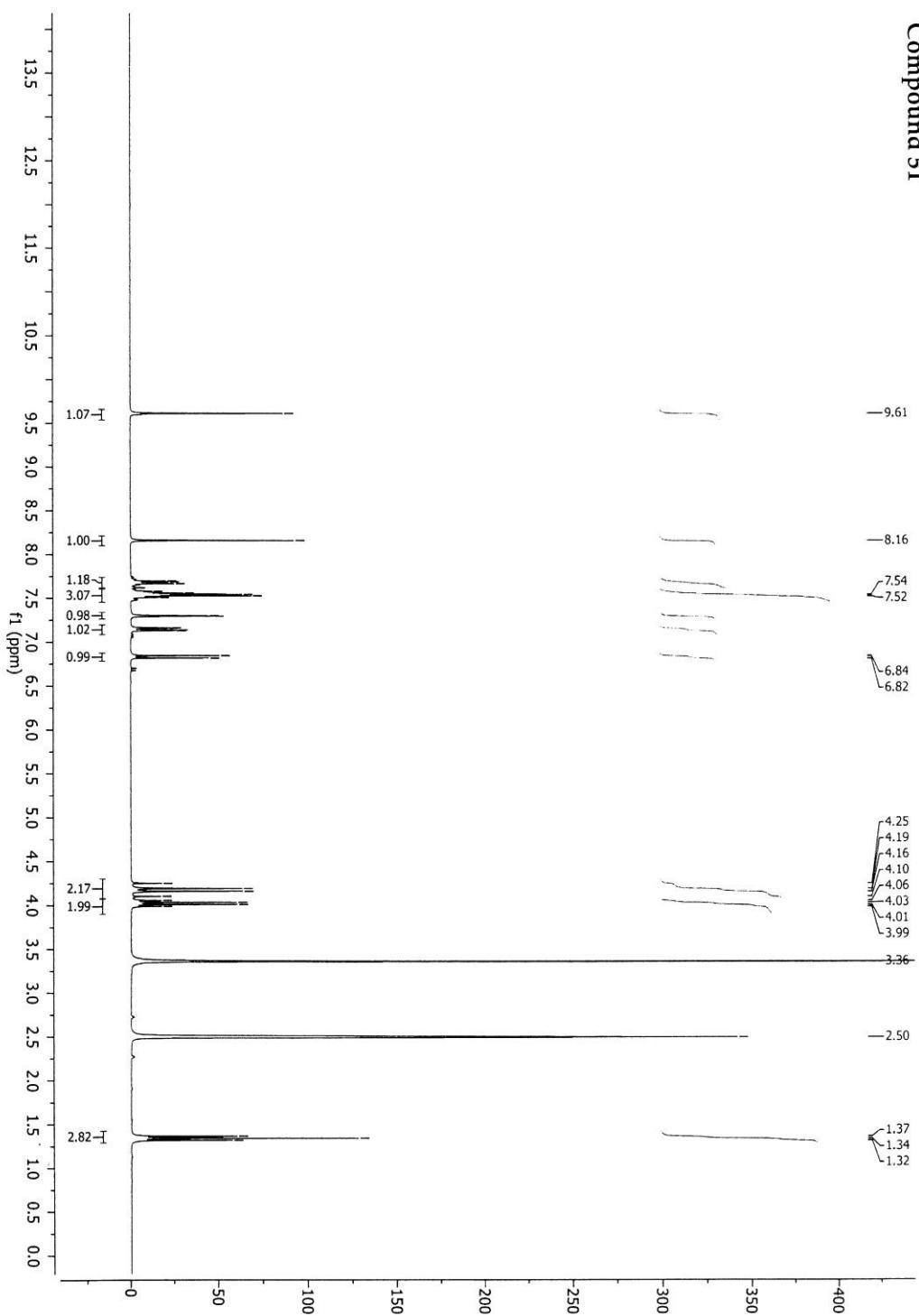


Fig. S15. ^1H NMR spectrum for compound **51**

Compound 51

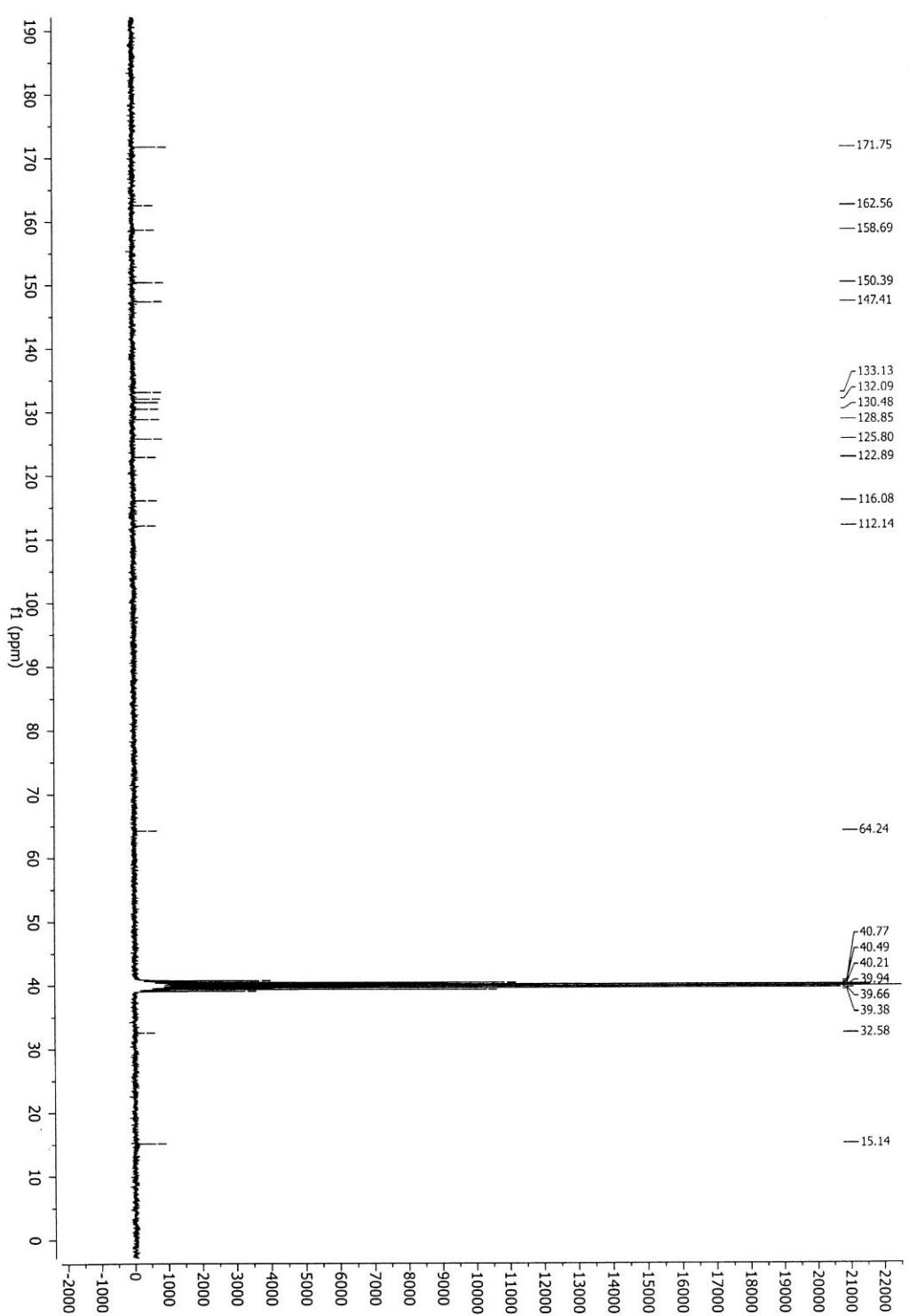


Fig. S16. ¹³C NMR spectrum for compound 51

Compound 52

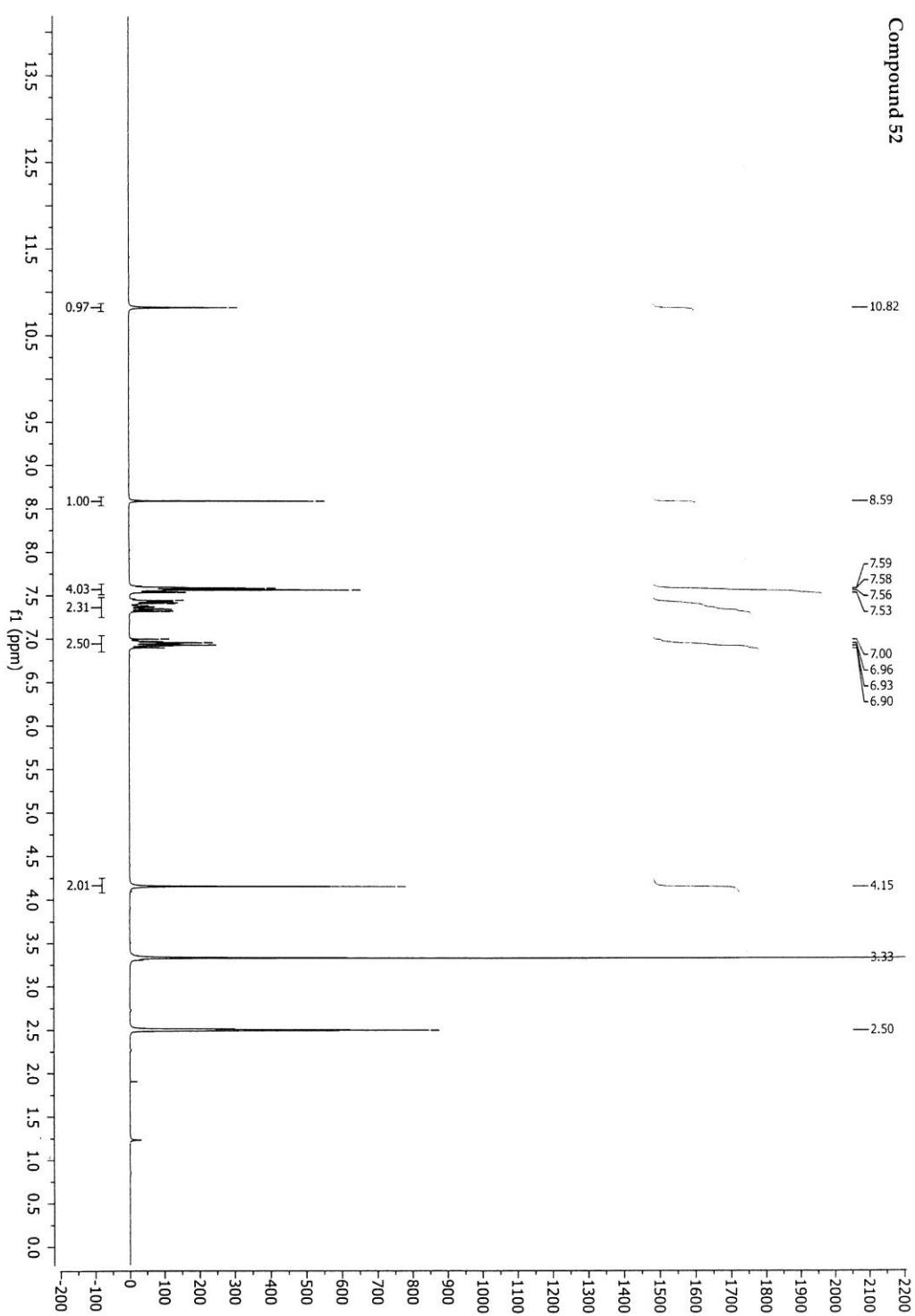


Fig. S17. ¹H NMR spectrum for compound 52

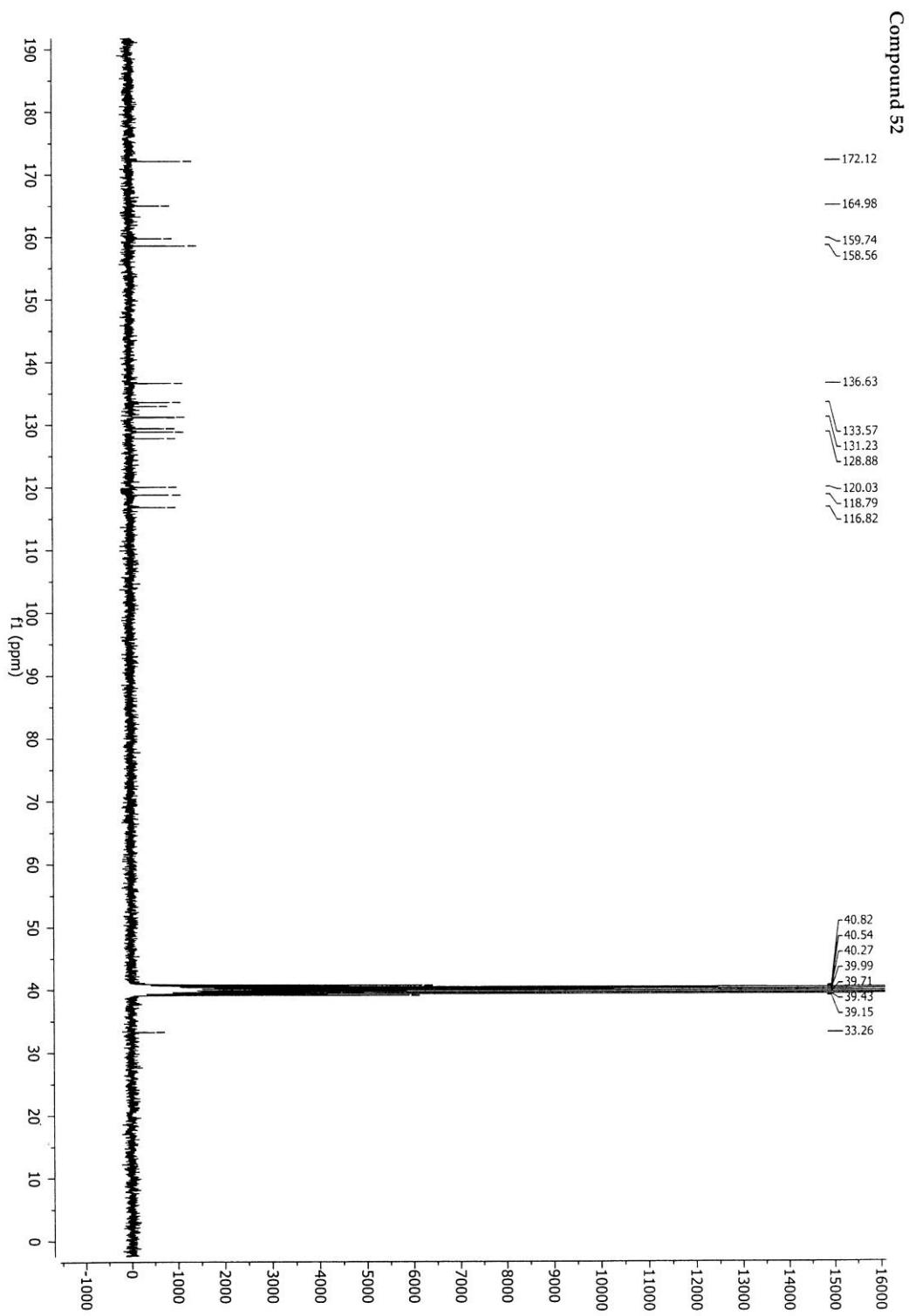


Fig. S18. ^{13}C NMR spectrum for compound 52

Compound 53

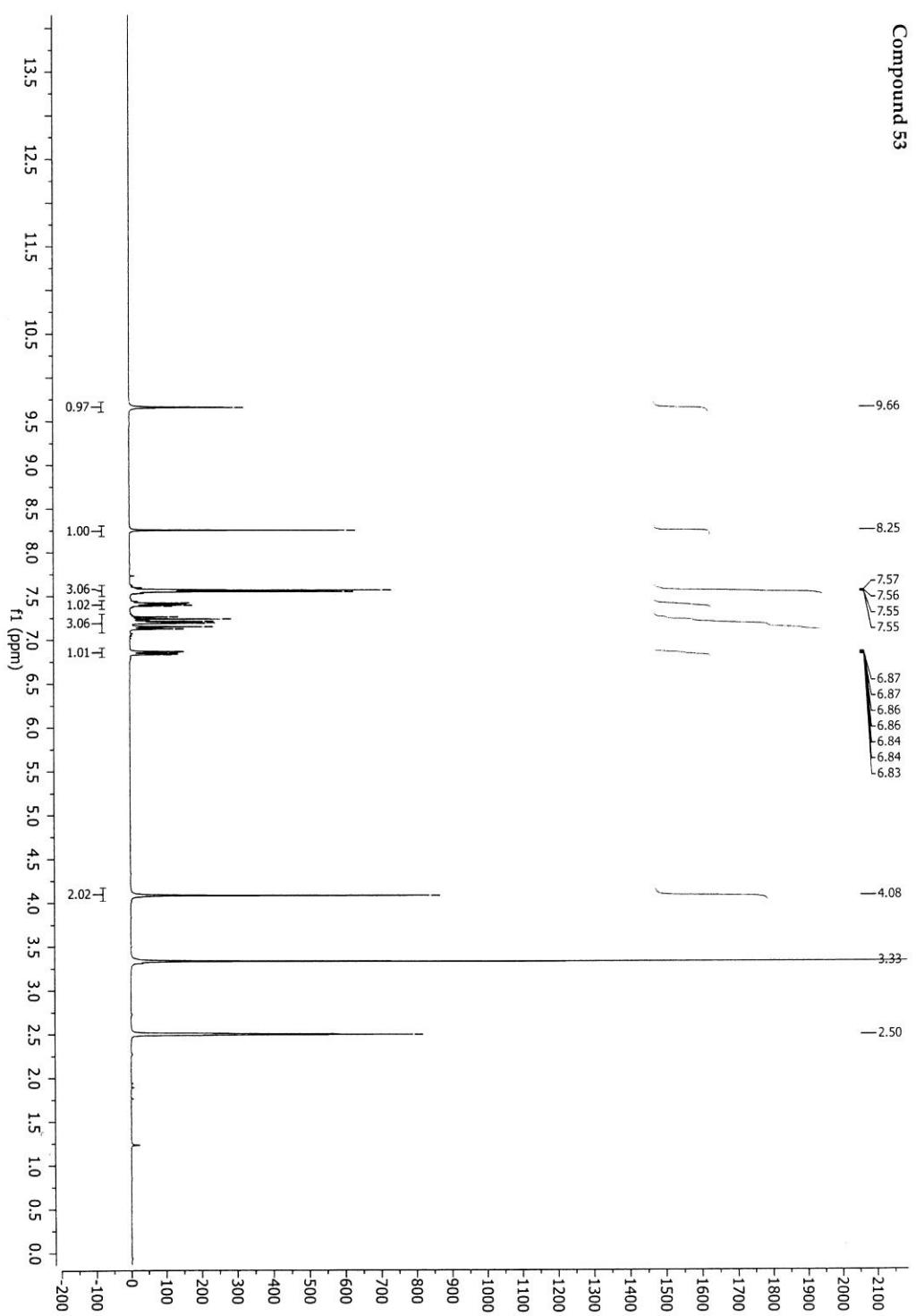


Fig. S19. ¹H NMR spectrum for compound 53

Compound 53

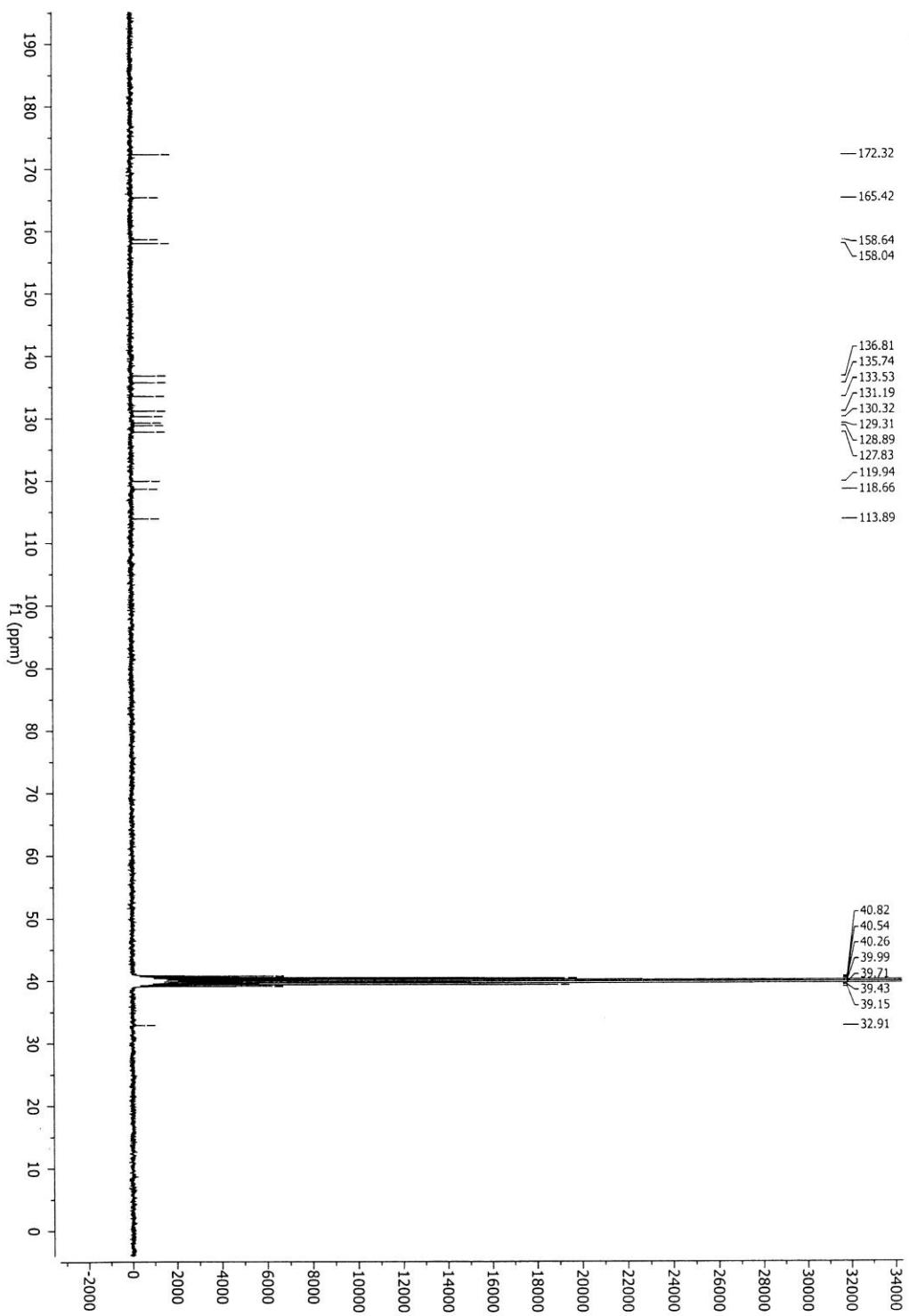


Fig. S20. ¹³C NMR spectrum for compound 53

Compound 54

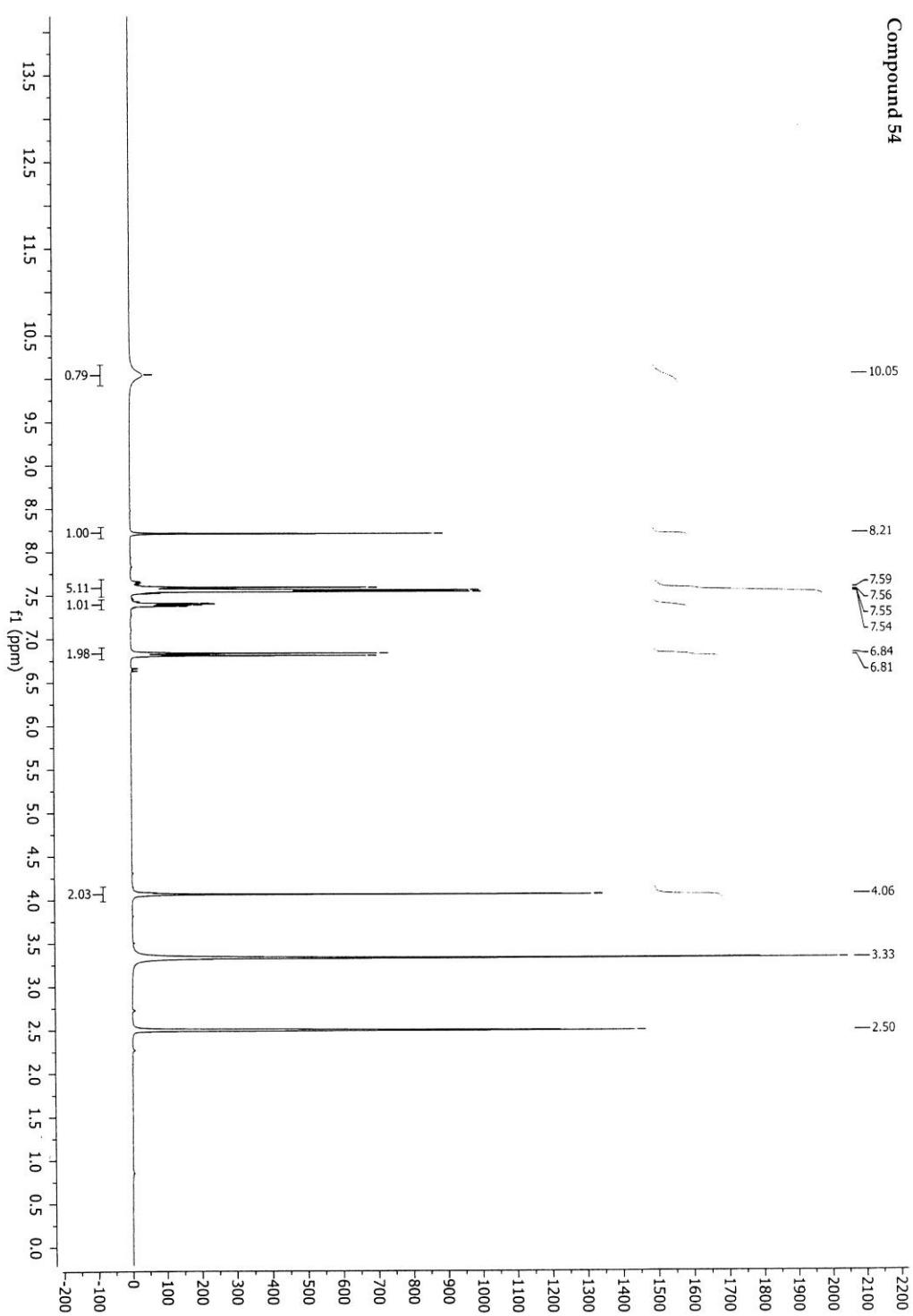


Fig. S21. ¹H NMR spectrum for compound 54

Compound 54

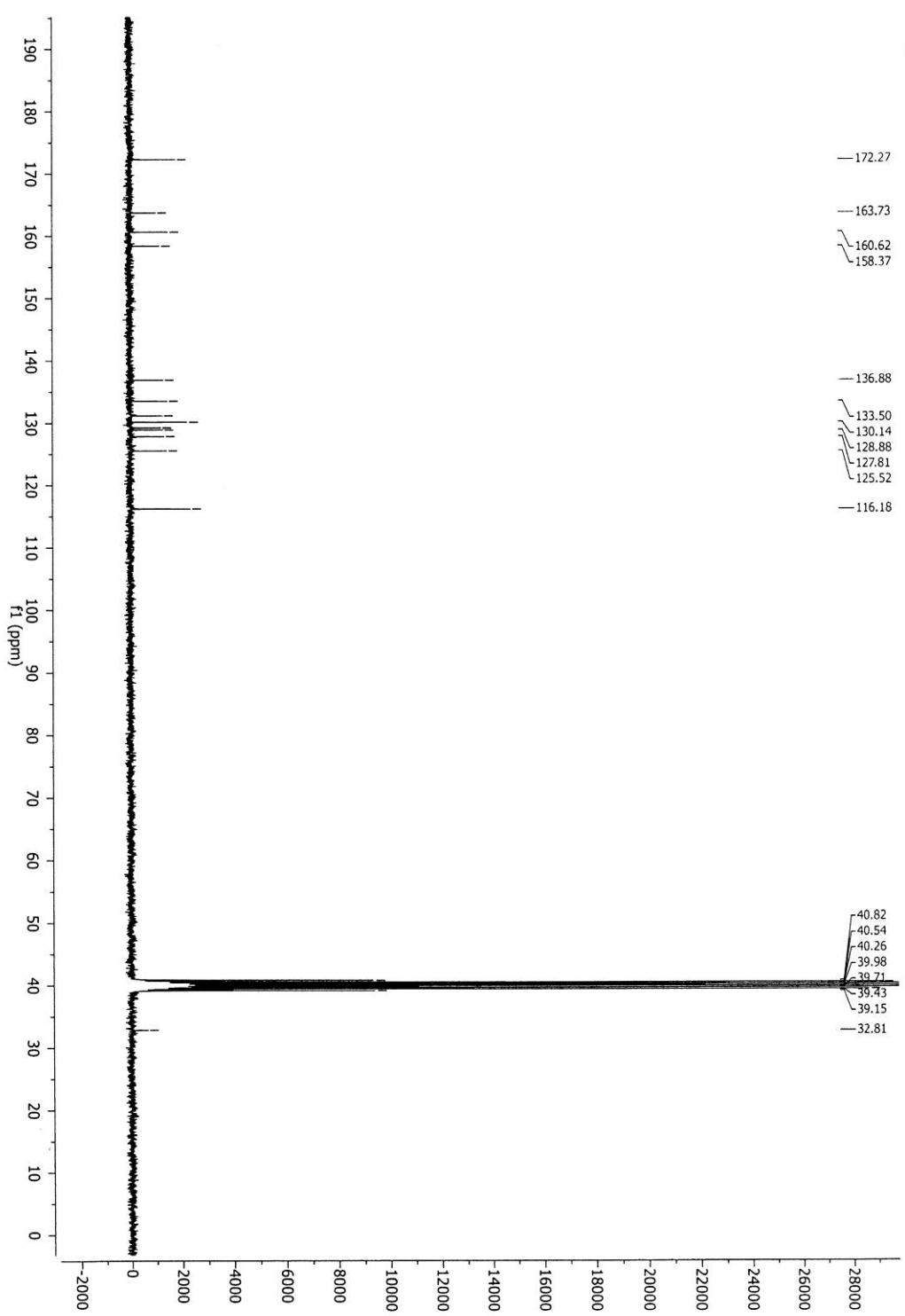


Fig. S22. ¹³C NMR spectrum for compound 54

Compound 55

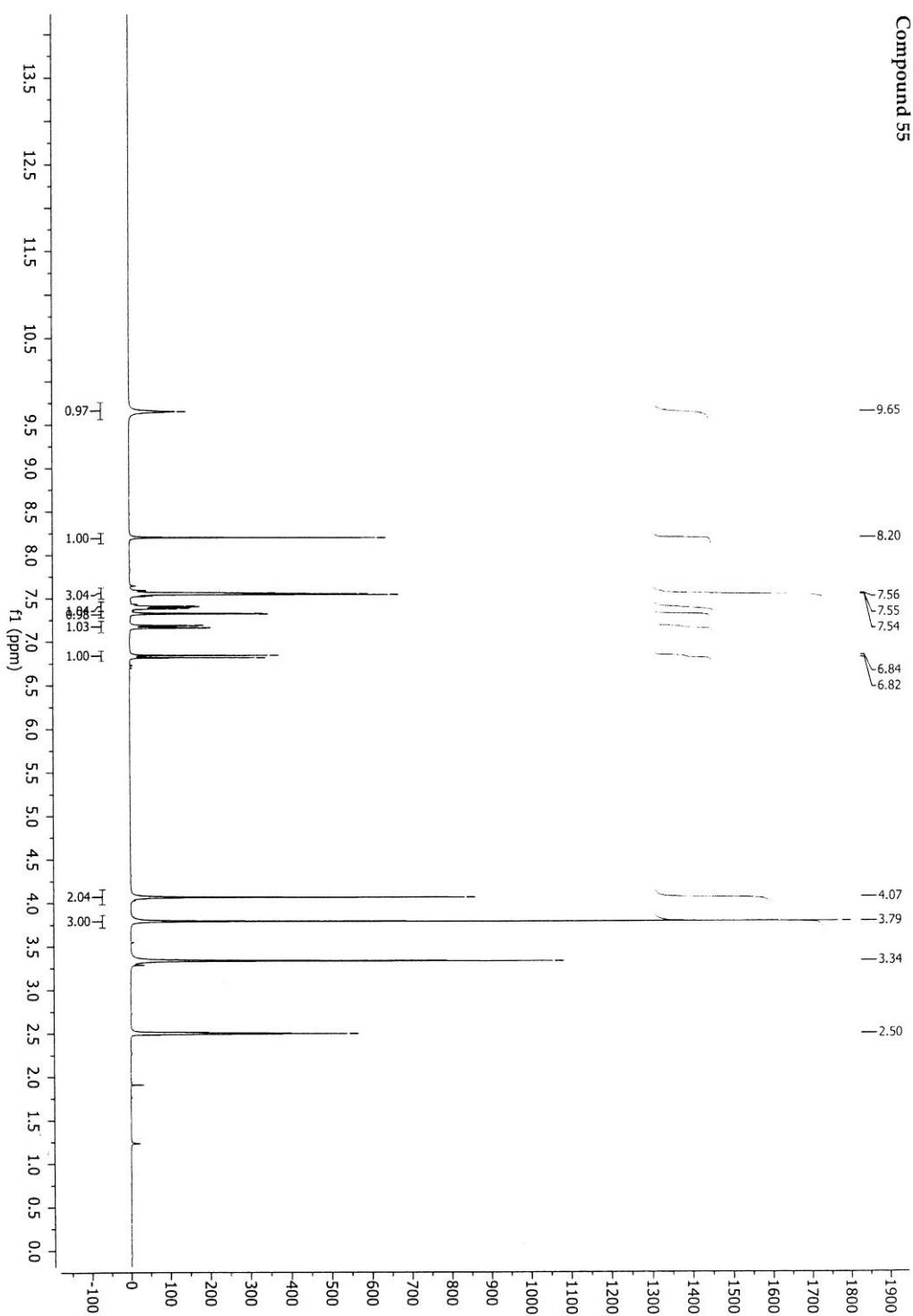


Fig. S23. ¹H NMR spectrum for compound 55

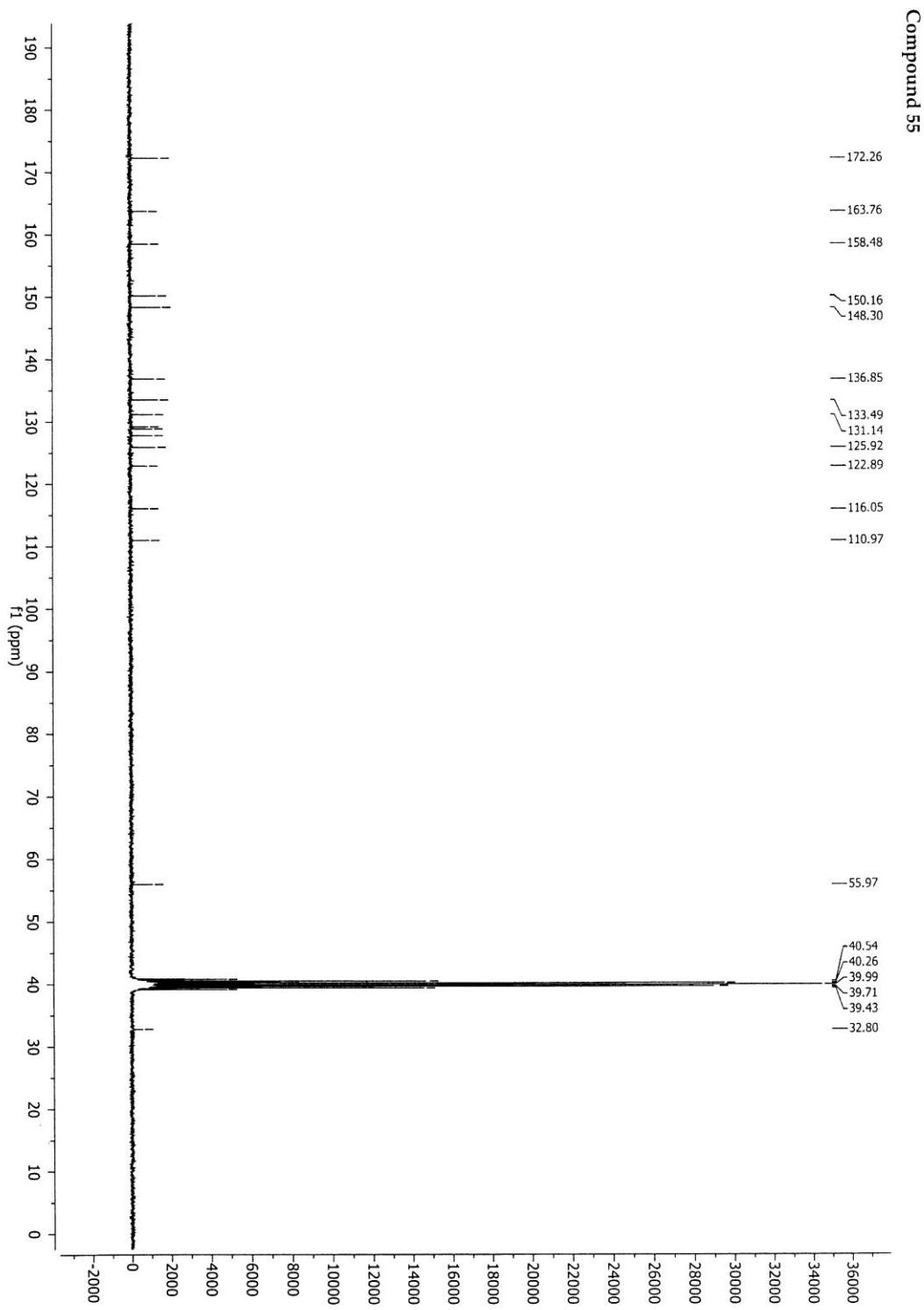


Fig. S24. ^{13}C NMR spectrum for compound 55

Compound 56

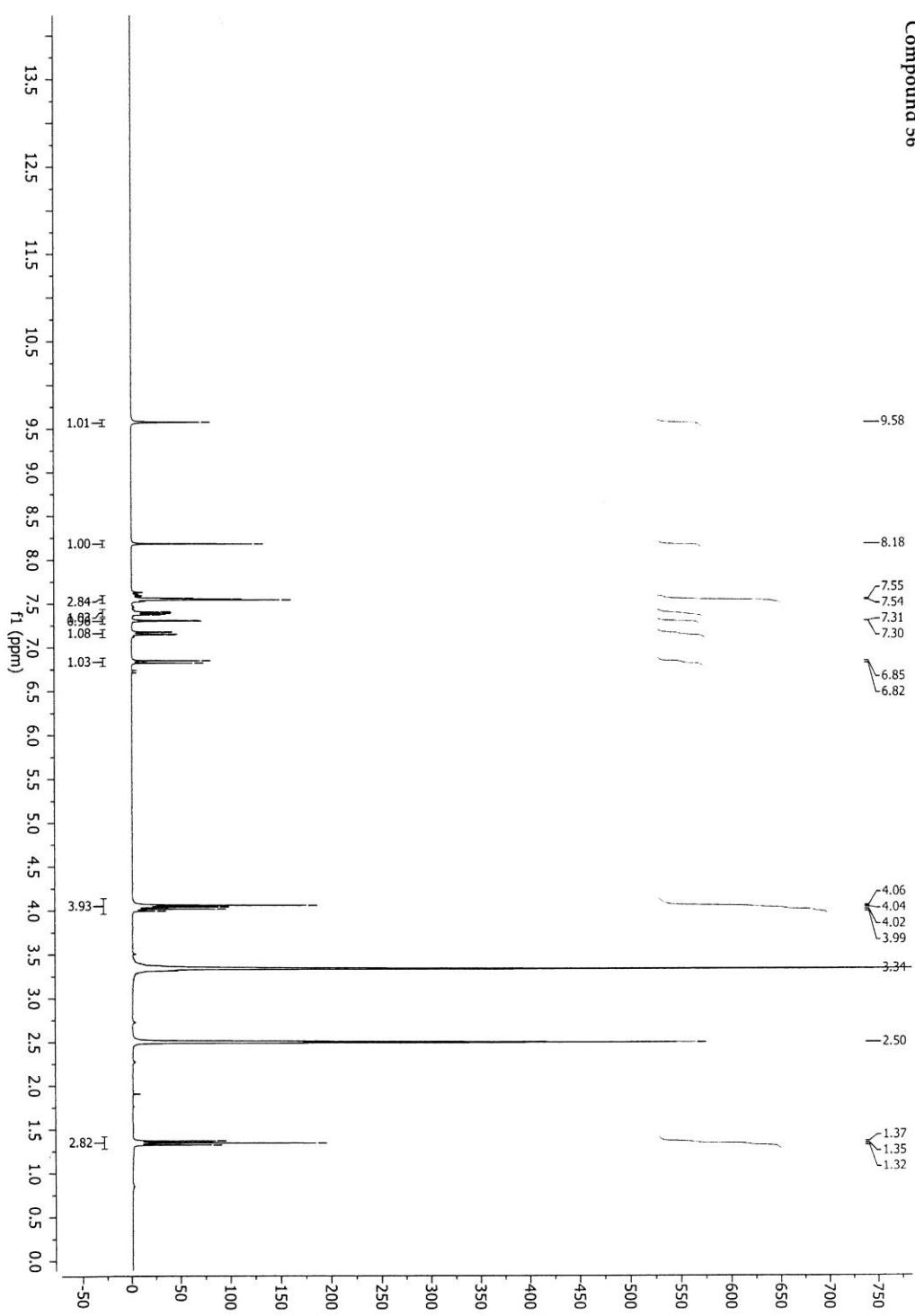


Fig. S25. ¹H NMR spectrum for compound 56

Compound 56

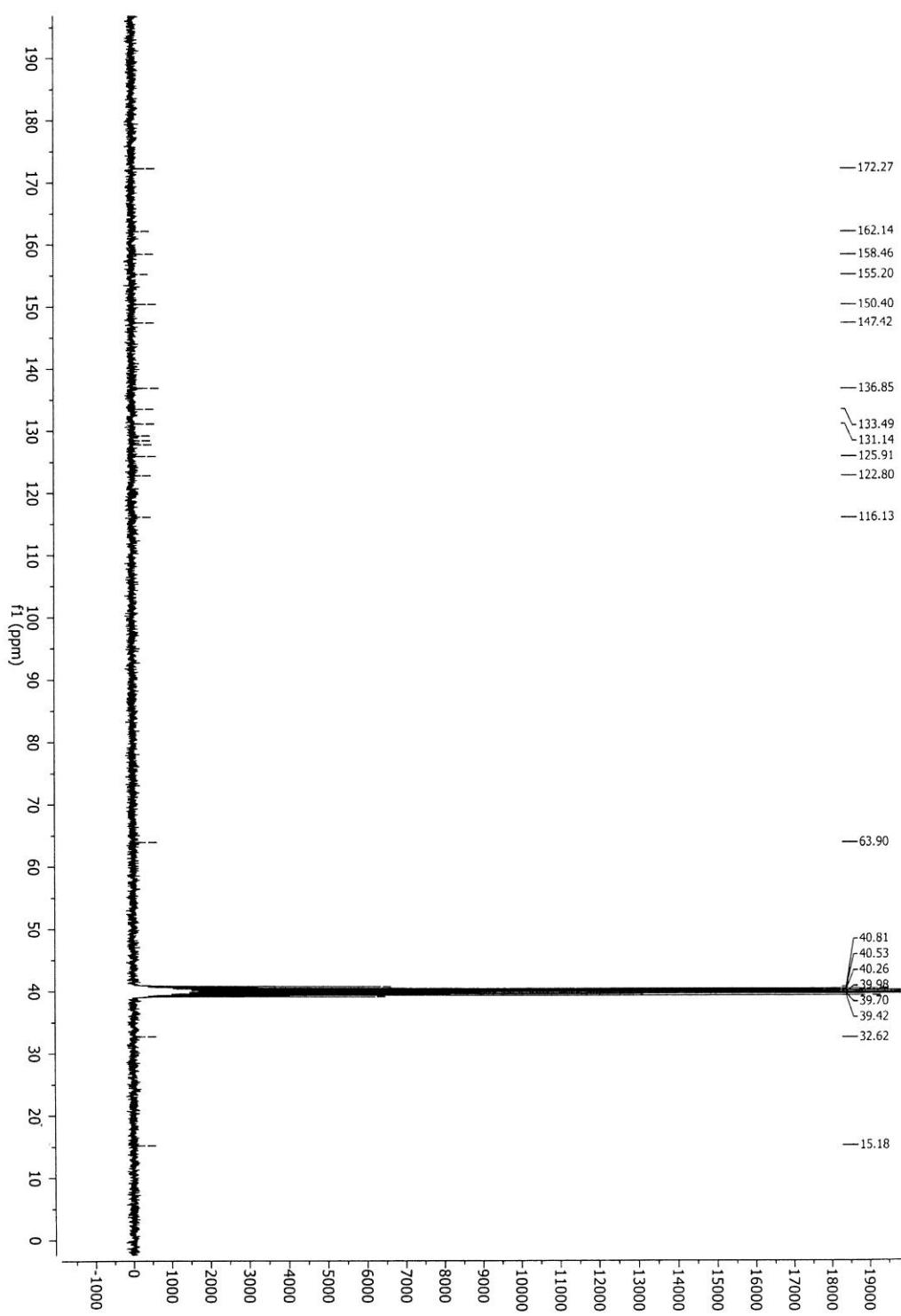


Fig. S26. ¹³C NMR spectrum for compound 56

Compound 57

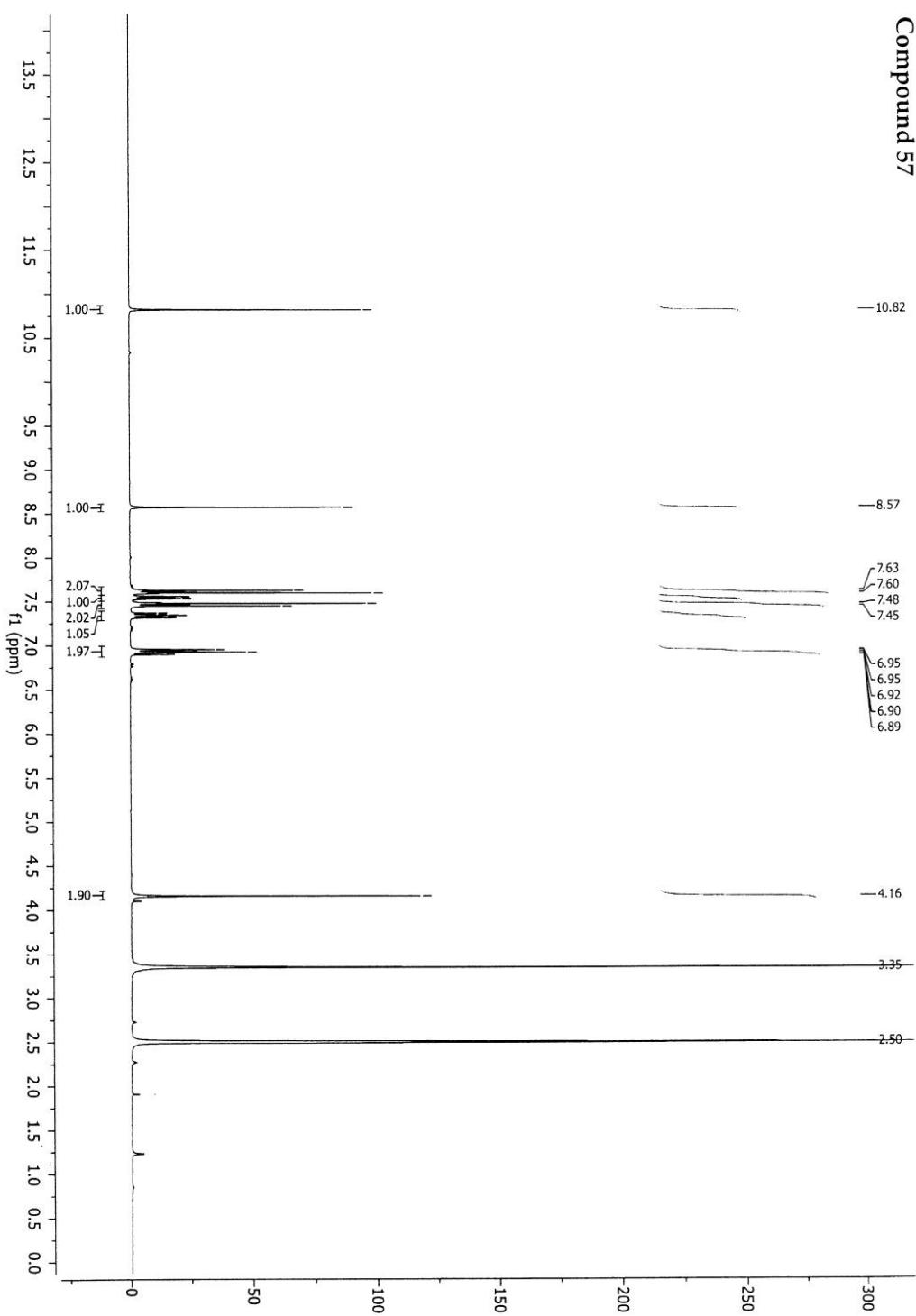


Fig. S27. ¹H NMR spectrum for compound 57

Compound 57

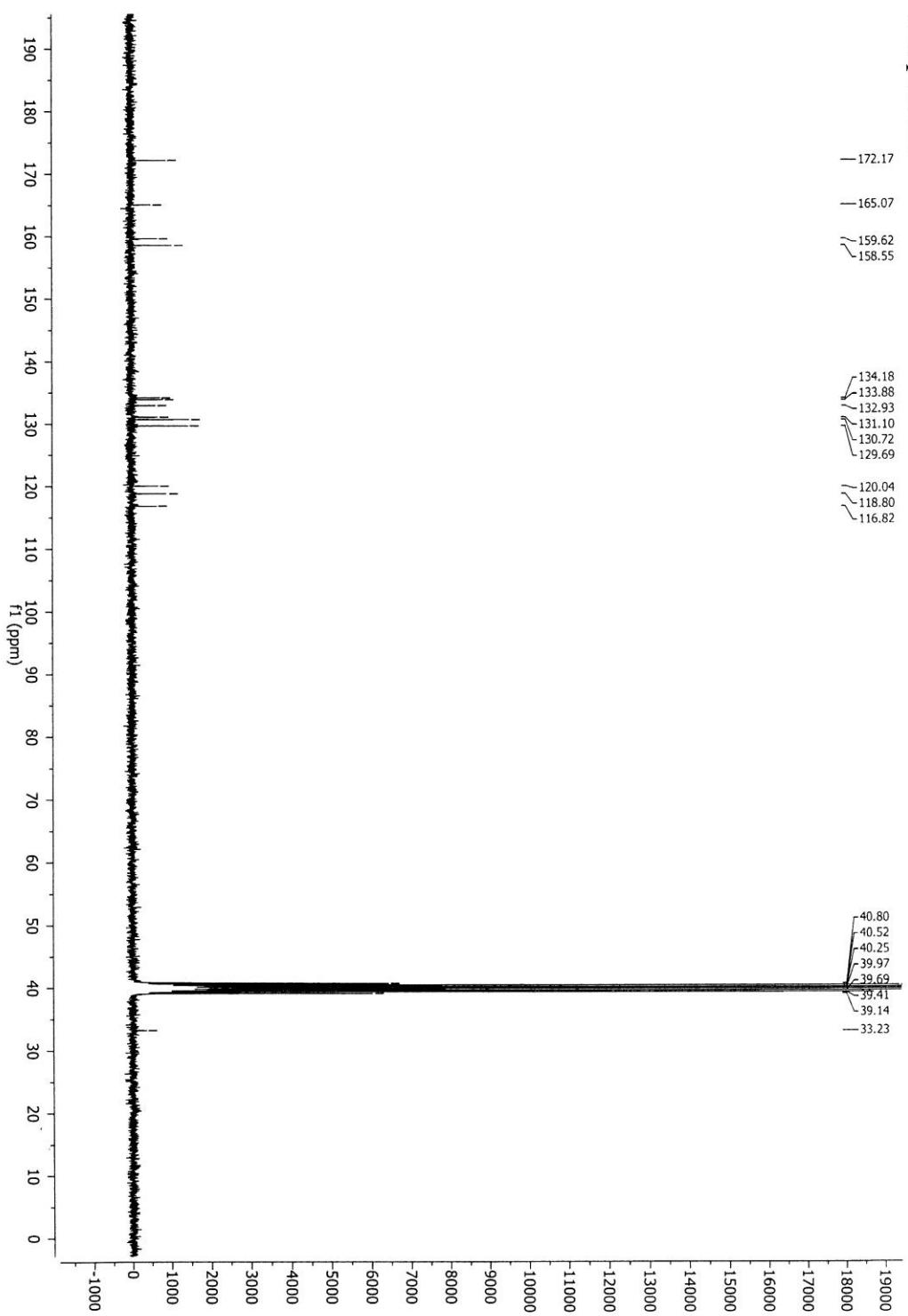


Fig. S28. ¹³C NMR spectrum for compound 57

Compound 58

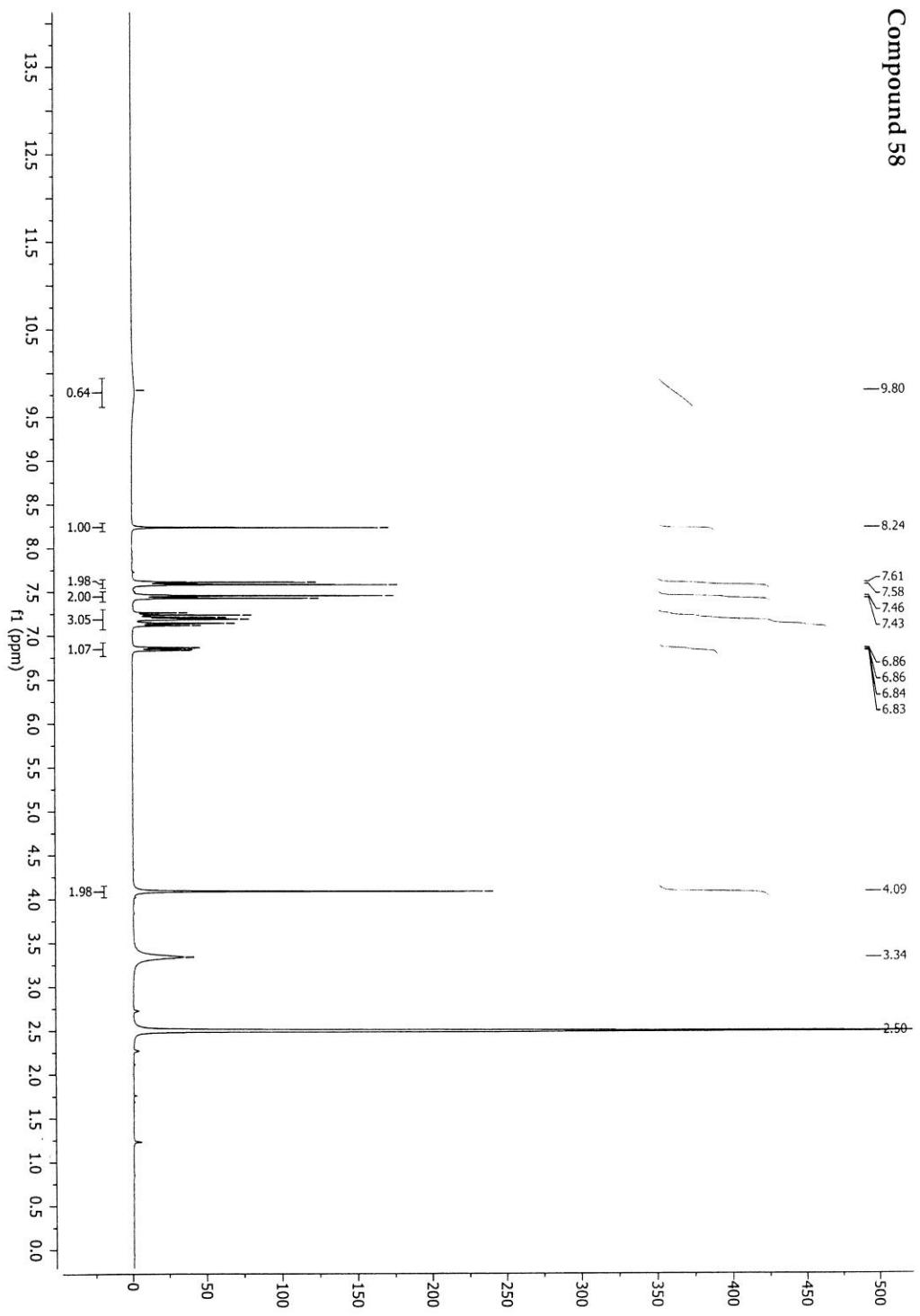


Fig. S29. ¹H NMR spectrum for compound 58

Compound 58

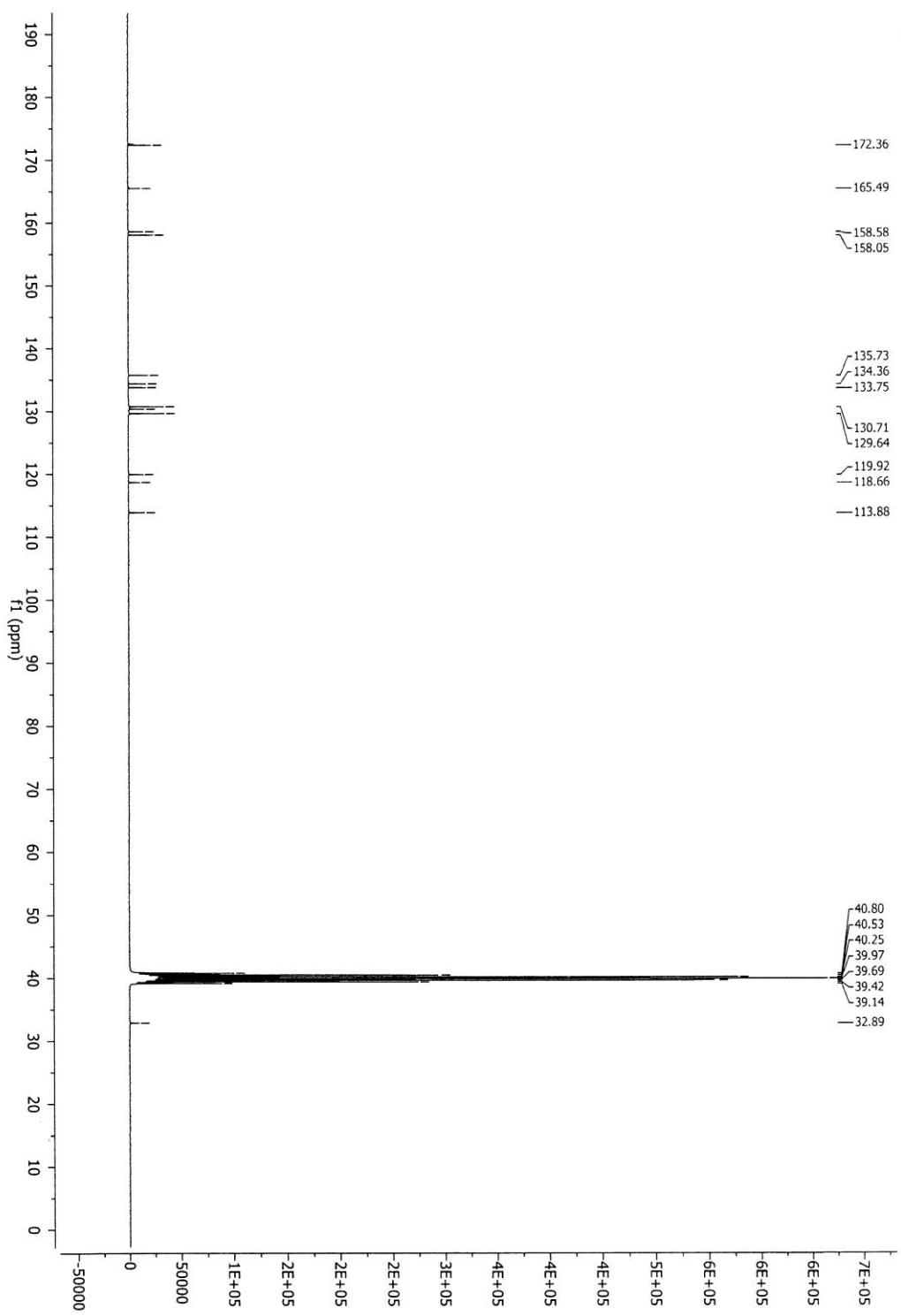


Fig. S30. ^{13}C NMR spectrum for compound 58

Compound 59

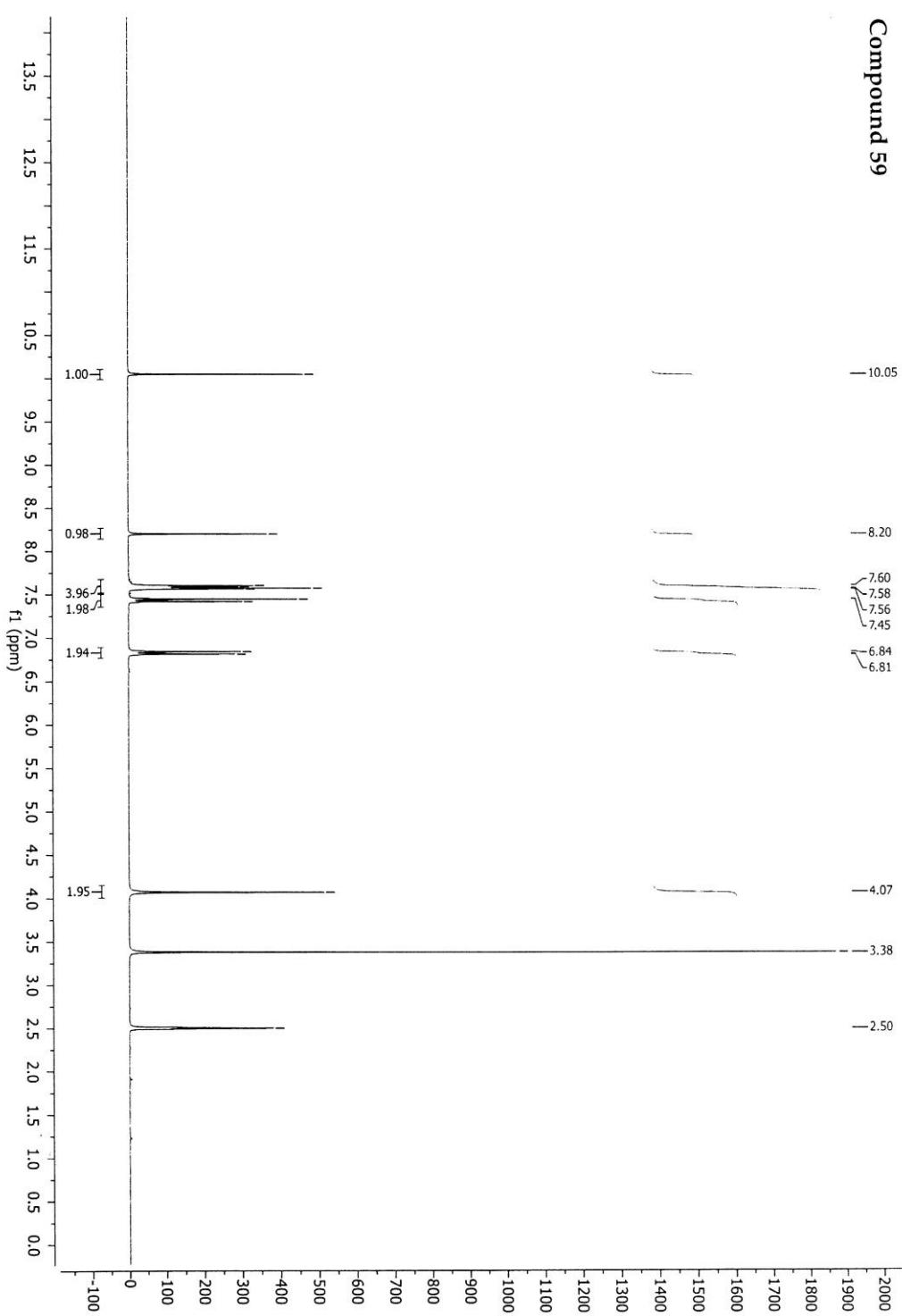


Fig. S31. ¹H NMR spectrum for compound 59

Compound 59

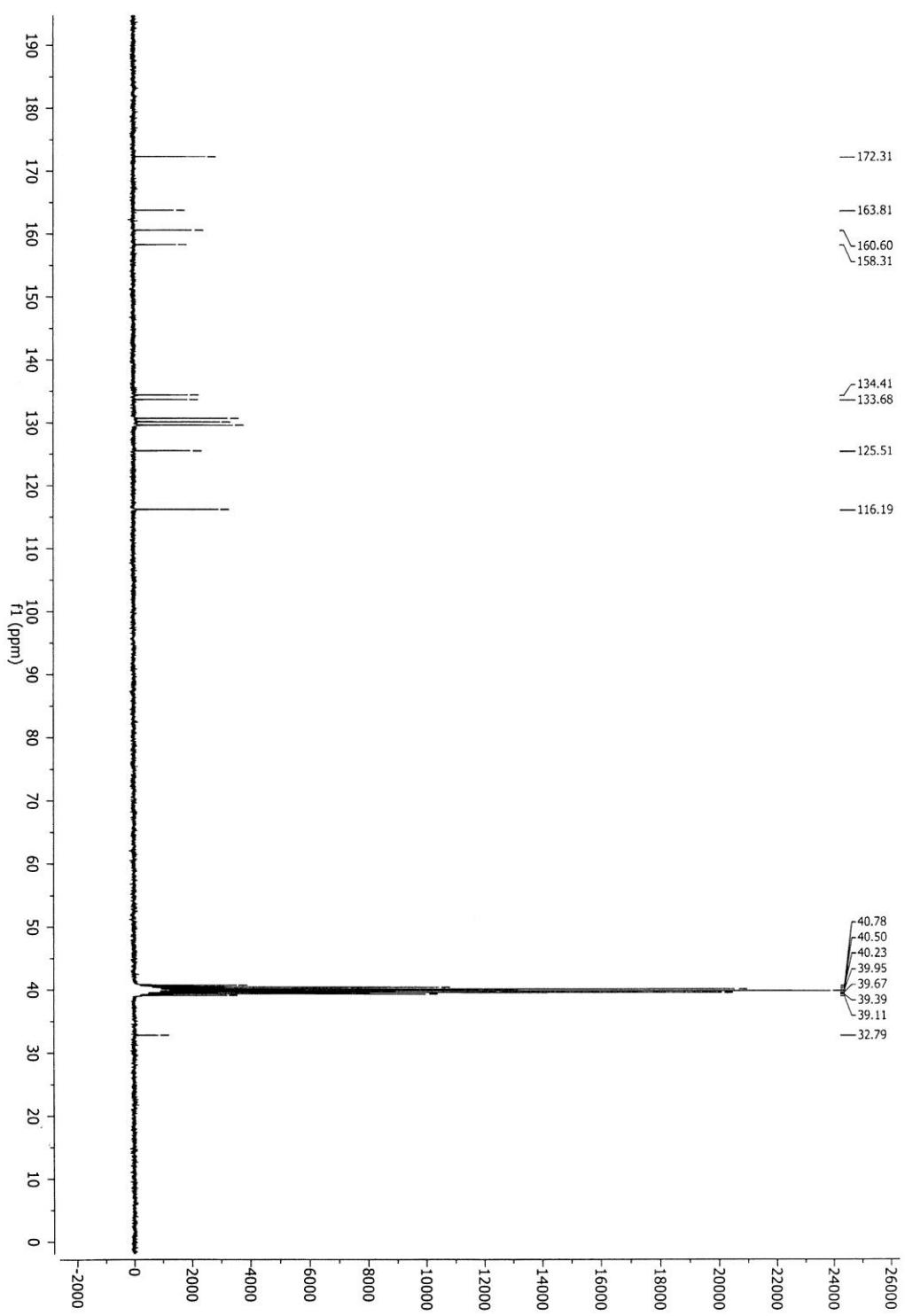


Fig. S32. ¹³C NMR spectrum for compound 59

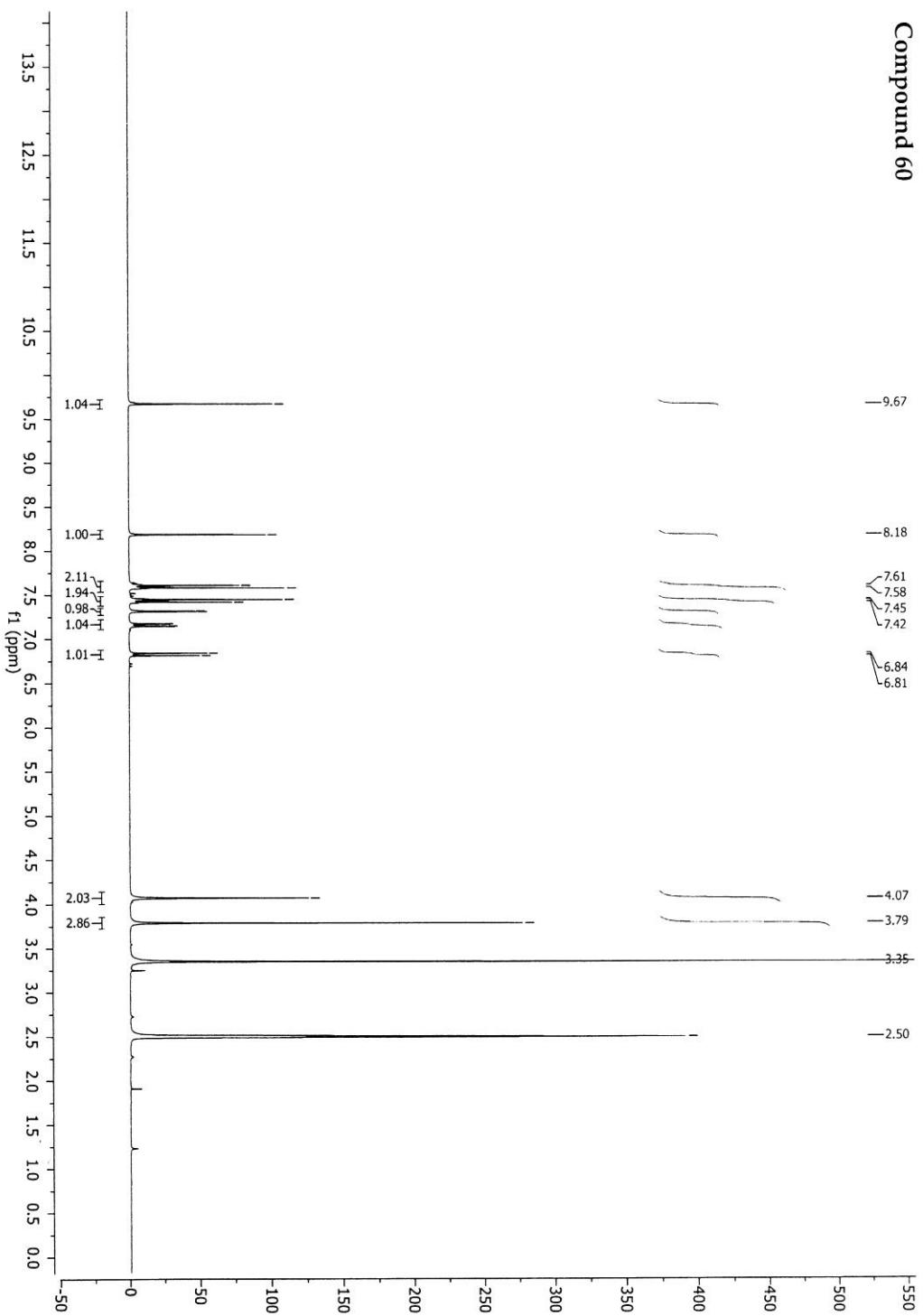


Fig. S33. ^1H NMR spectrum for compound **60**

Compound 60

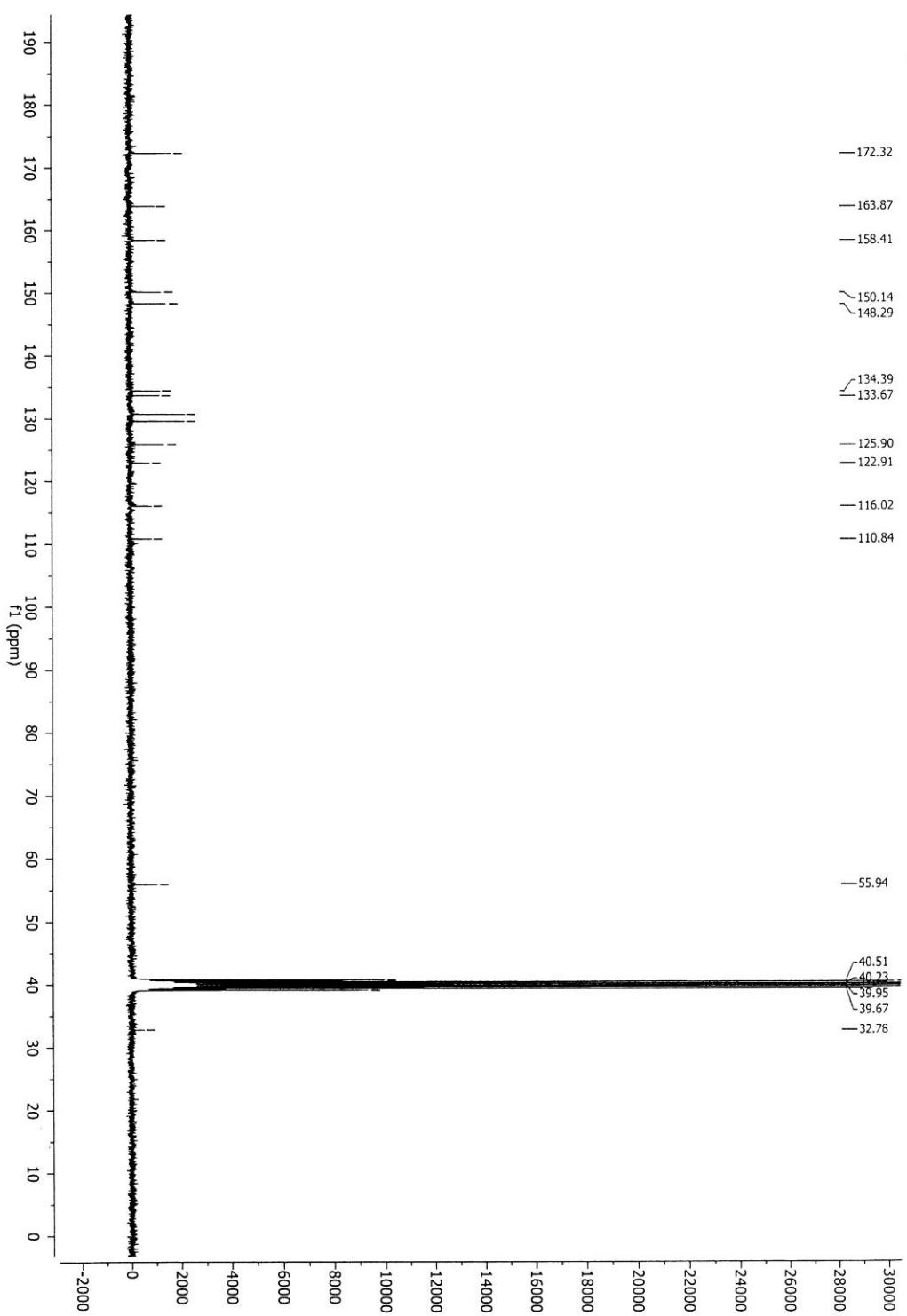


Fig. S34. ¹³C NMR spectrum for compound 60

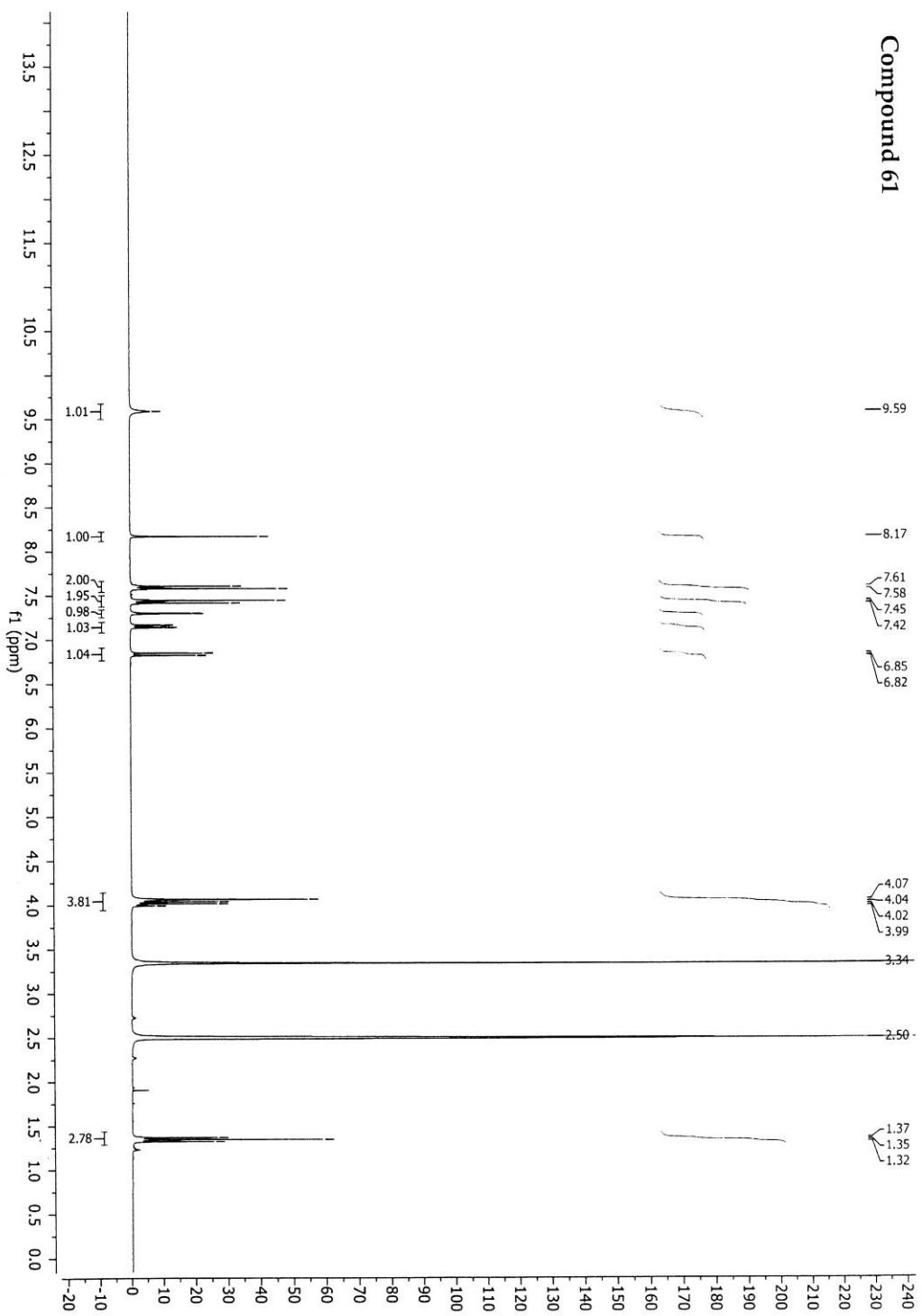


Fig. S35. ^1H NMR spectrum for compound **61**

Compound 61

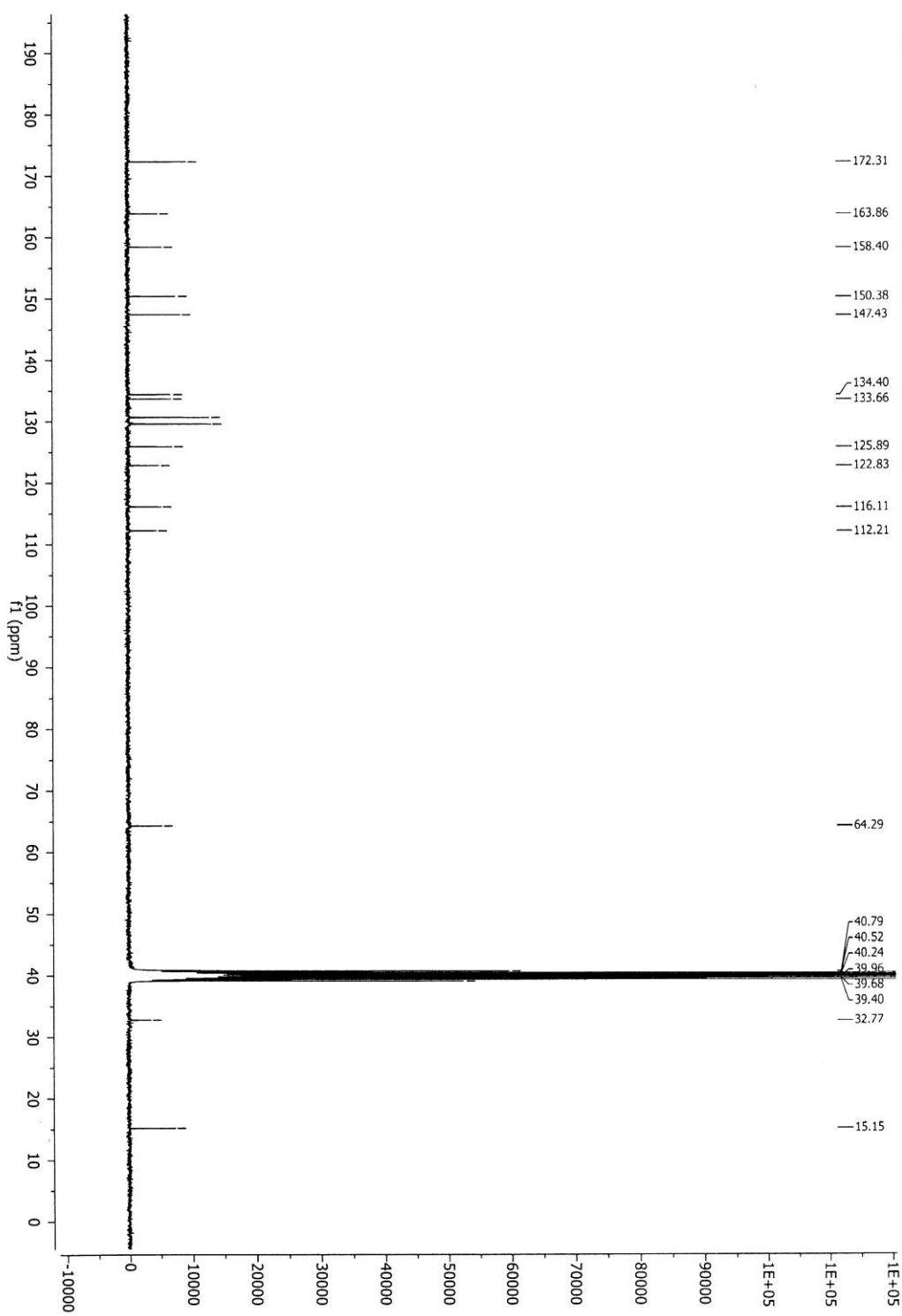


Fig. S36. ¹³C NMR spectrum for compound 61

Compound 62

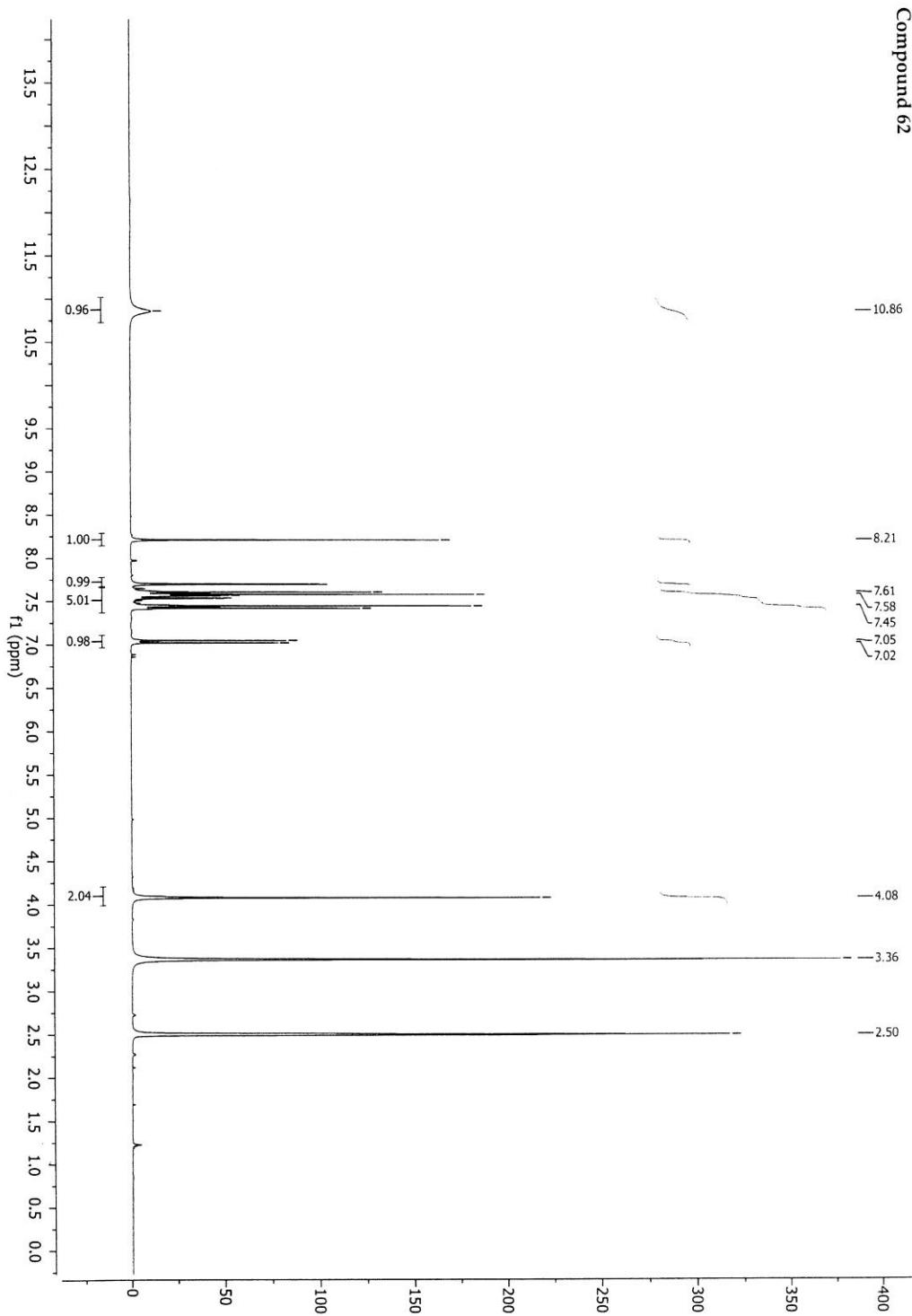


Fig. S37. ¹H NMR spectrum for compound 62

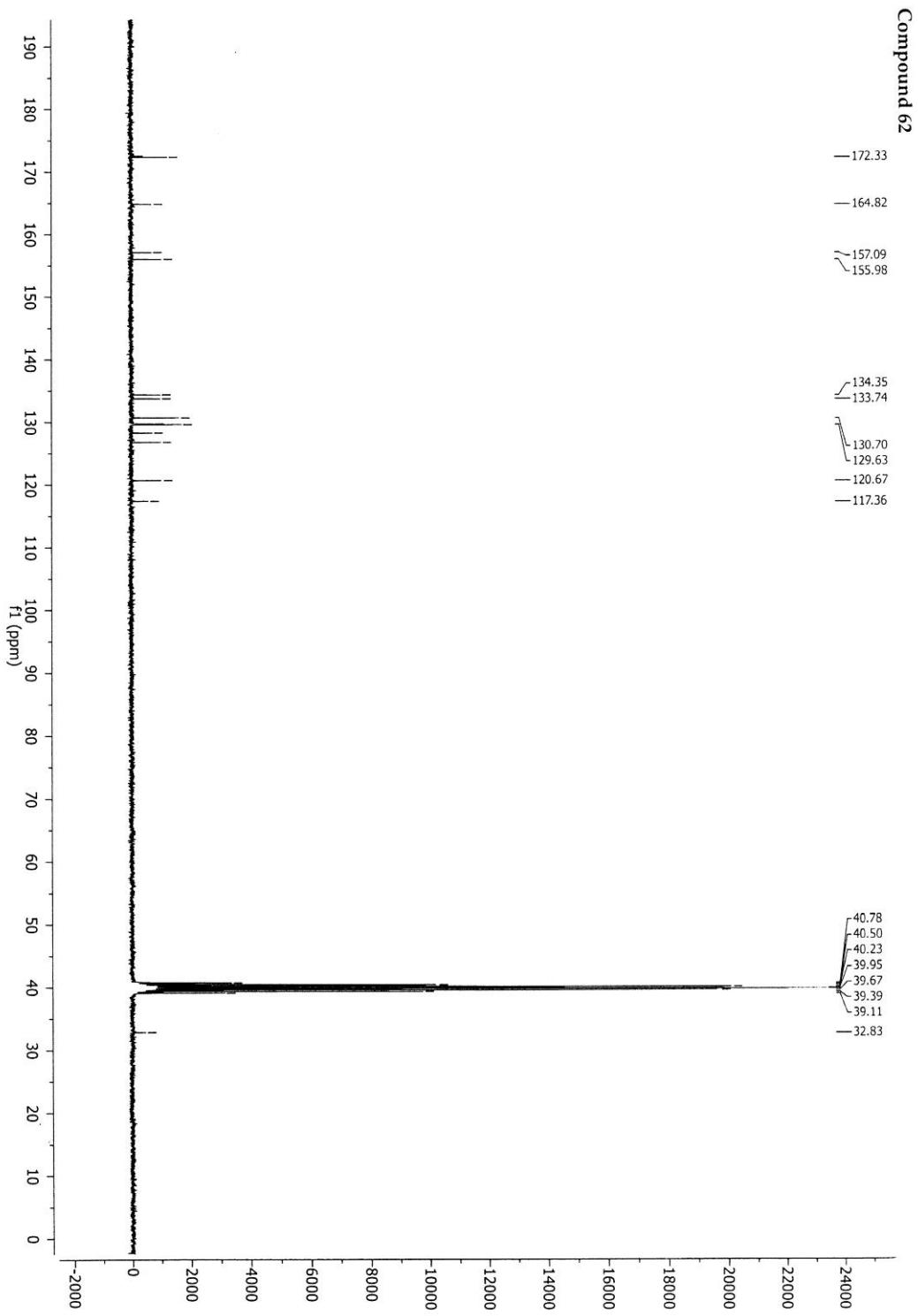


Fig. S38. ^{13}C NMR spectrum for compound 62

Compound 63

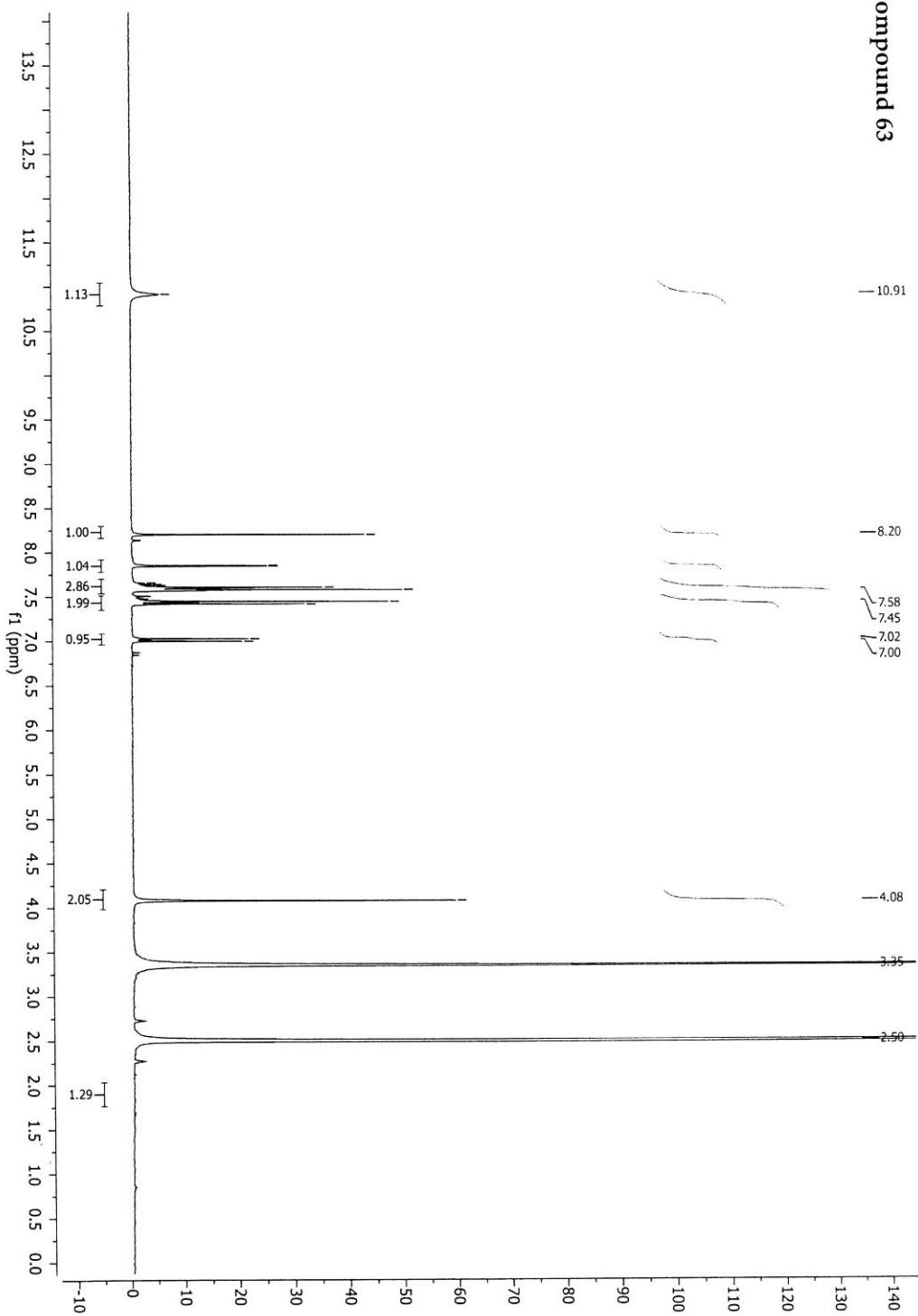


Fig. S39. ¹H NMR spectrum for compound 63

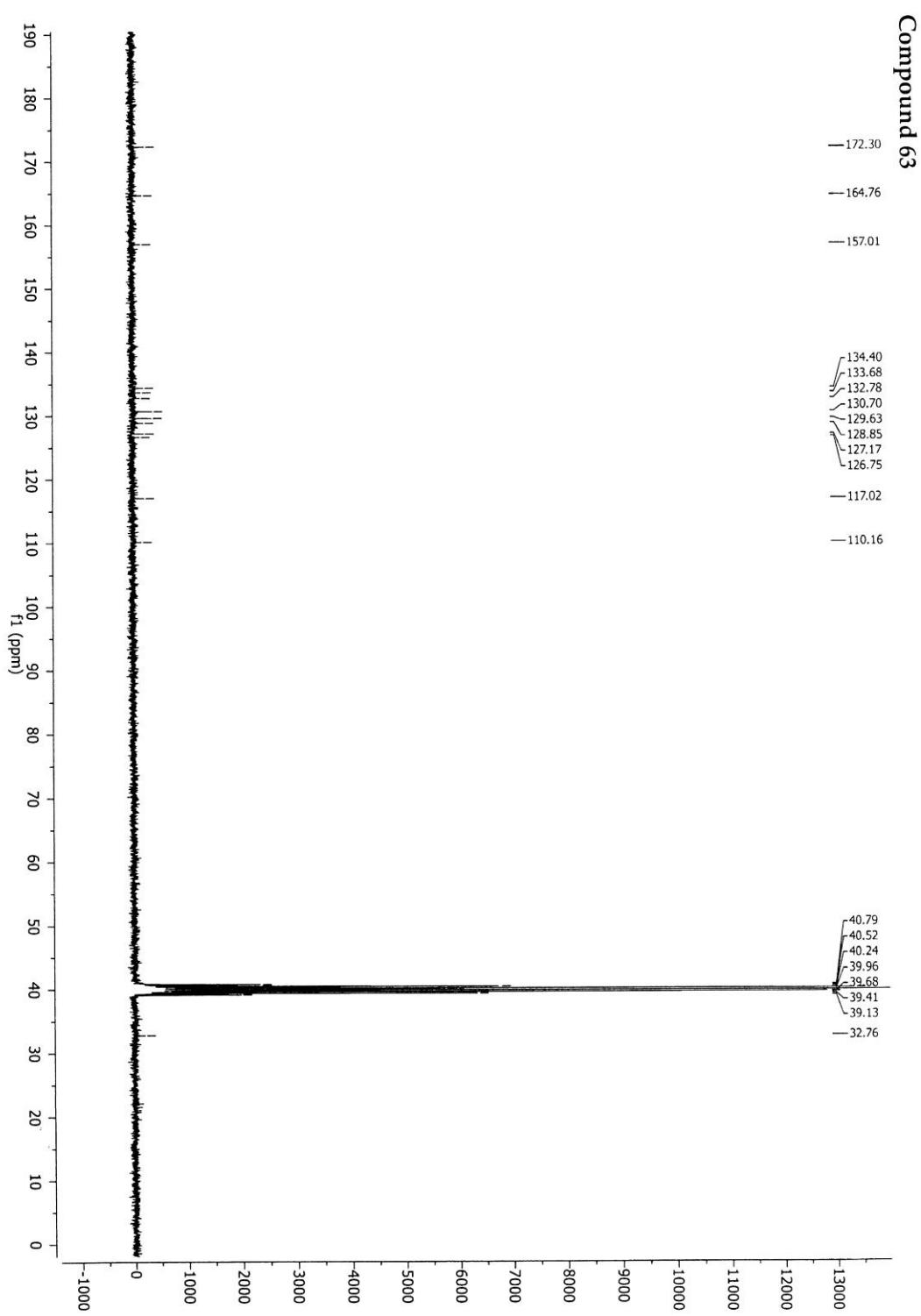


Fig. S40. ^{13}C NMR spectrum for compound 63

Compound 64

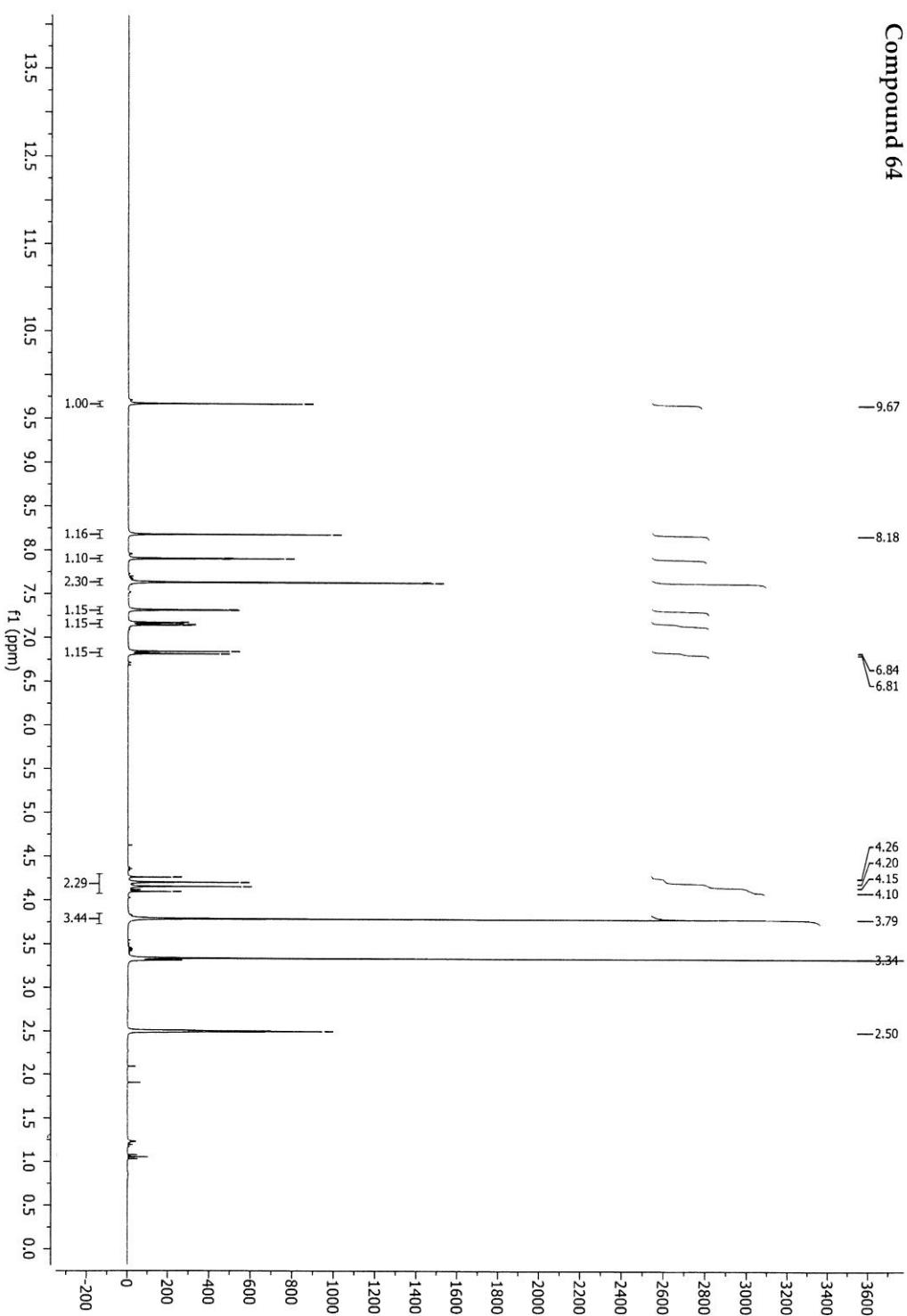


Fig. S41. ¹H NMR spectrum for compound 64

Compound 64

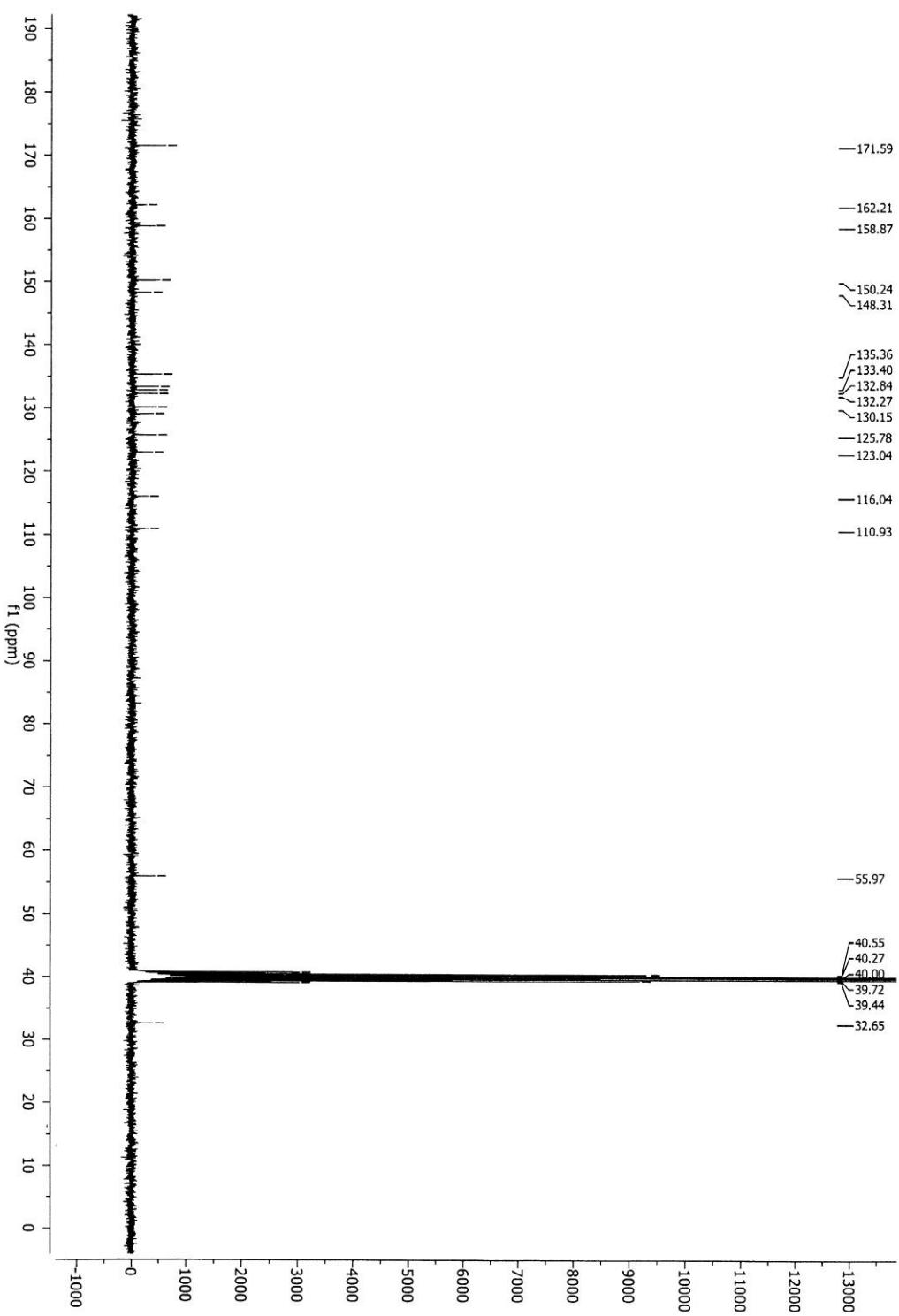


Fig. S42. ¹³C NMR spectrum for compound 64

Compound 65

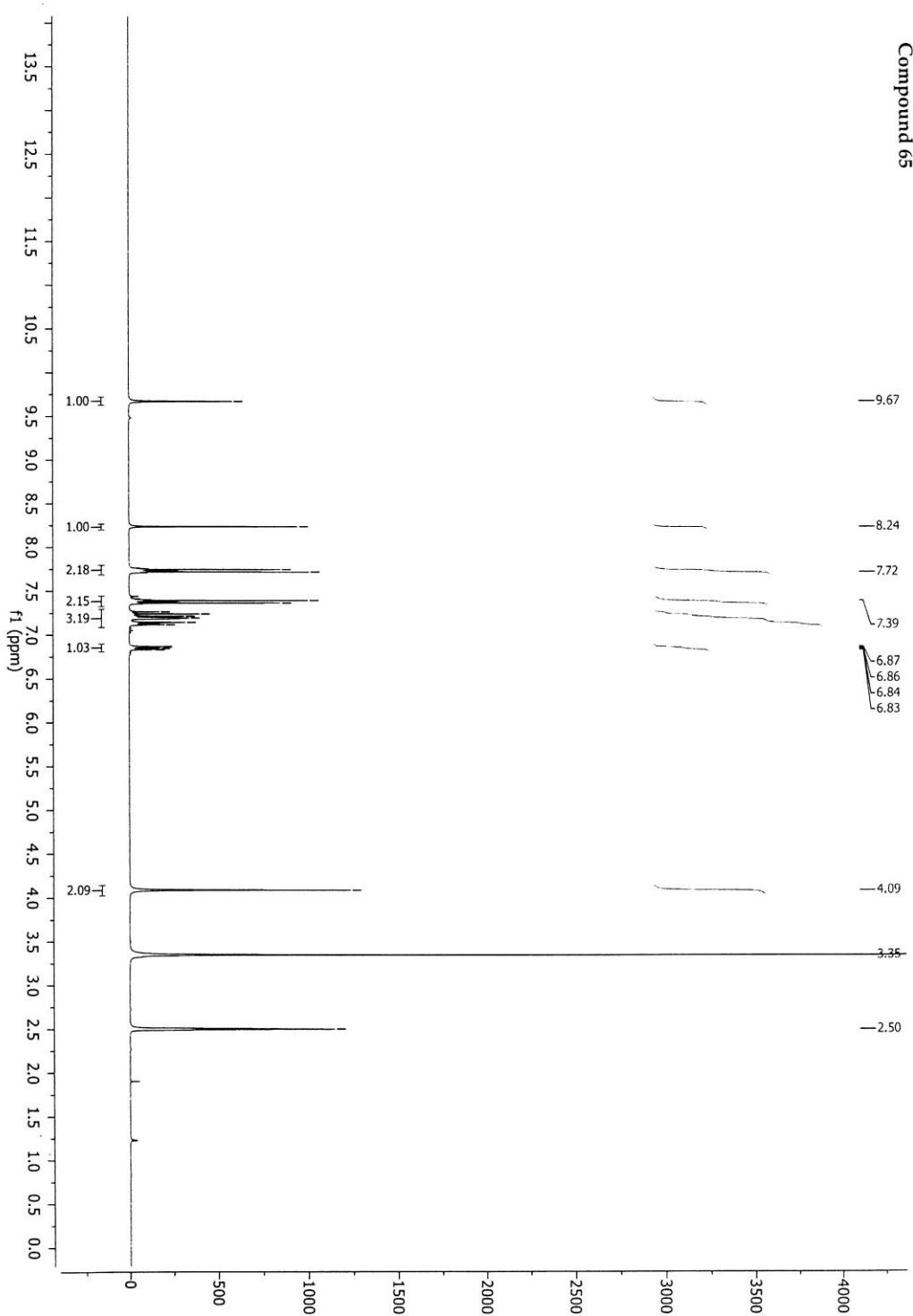


Fig. S43. ¹H NMR spectrum for compound 65

Compound 65

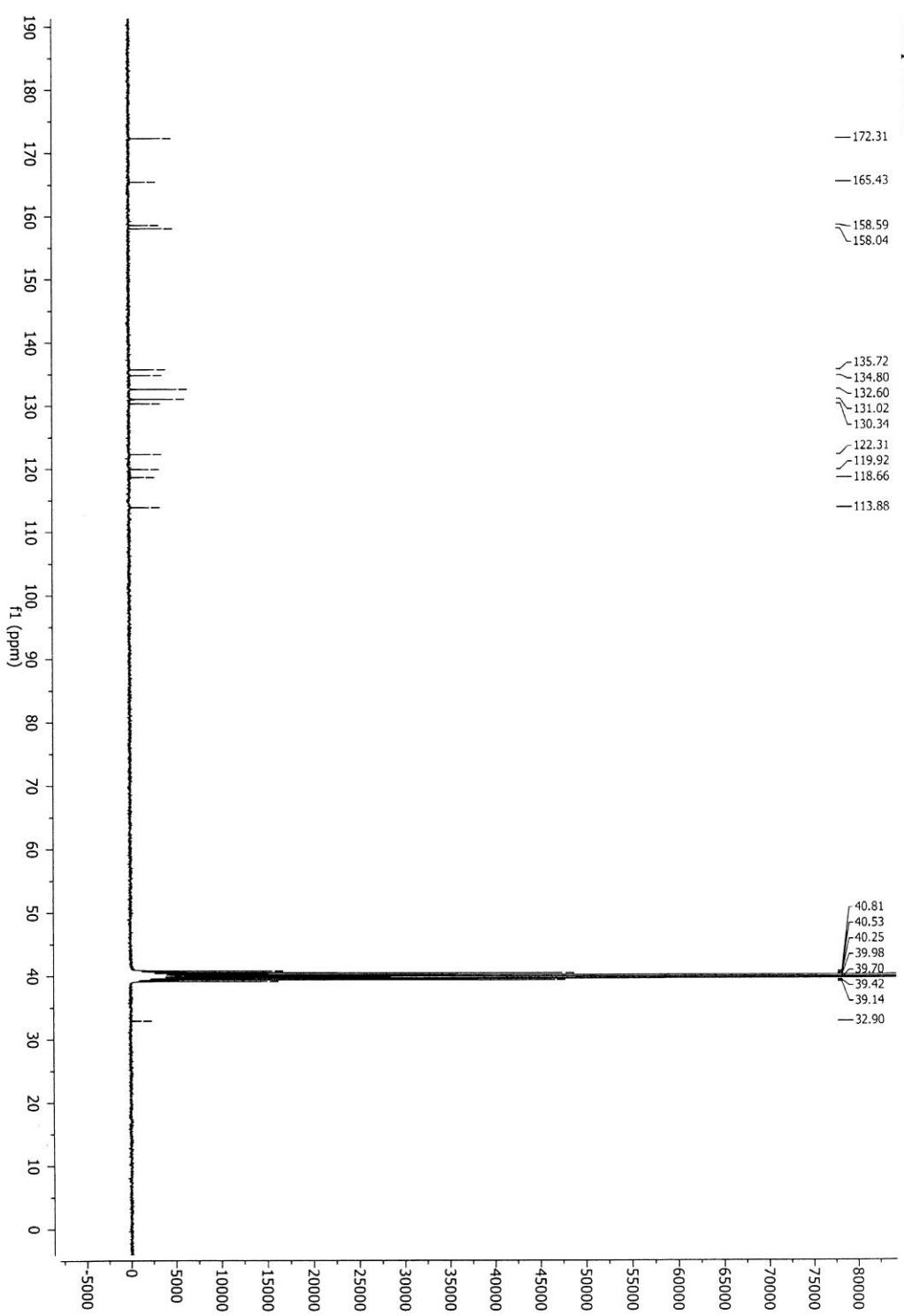


Fig. S44. ¹³C NMR spectrum for compound 65

Compound 66

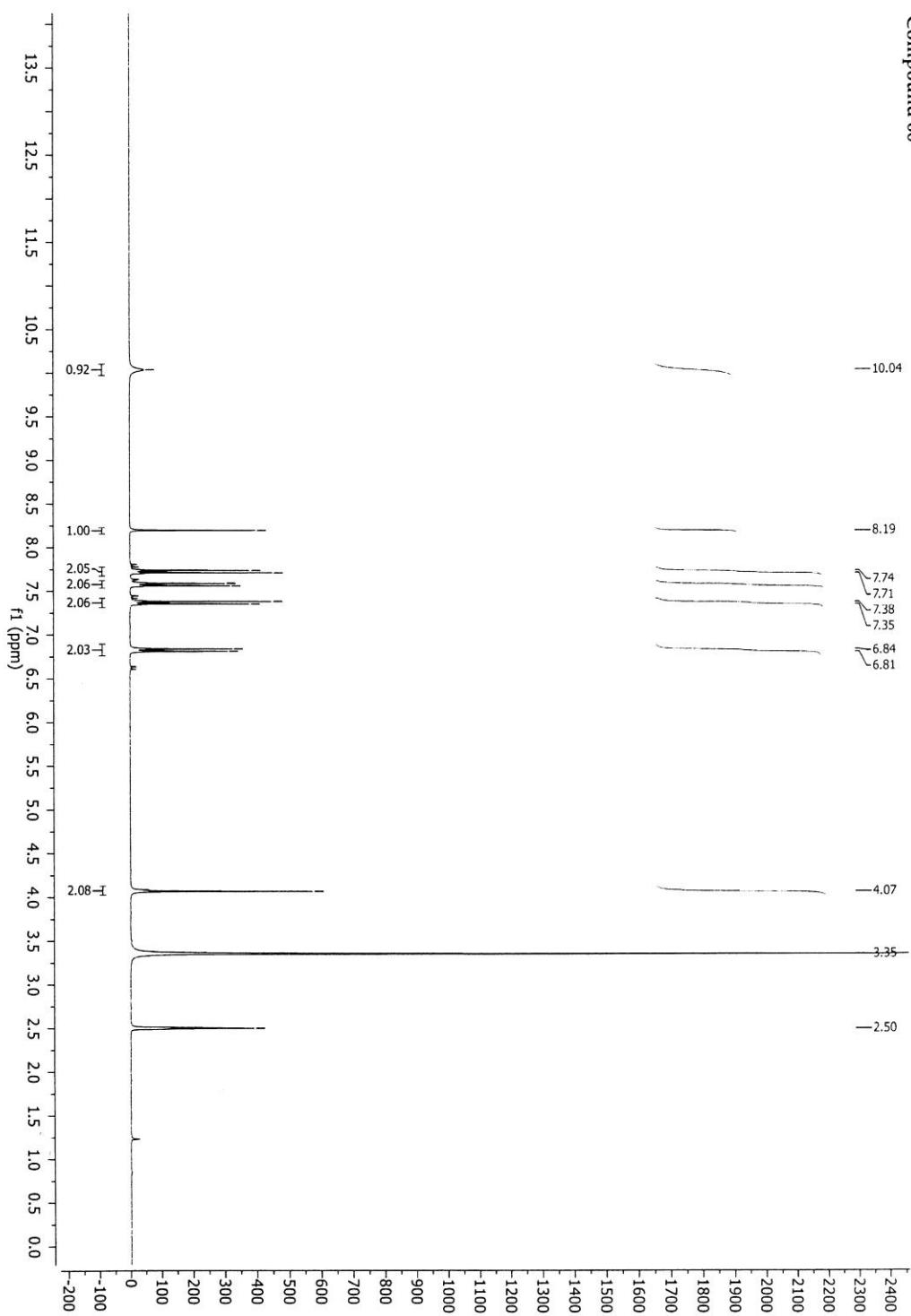


Fig. S45. ¹H NMR spectrum for compound 66

Compound 66

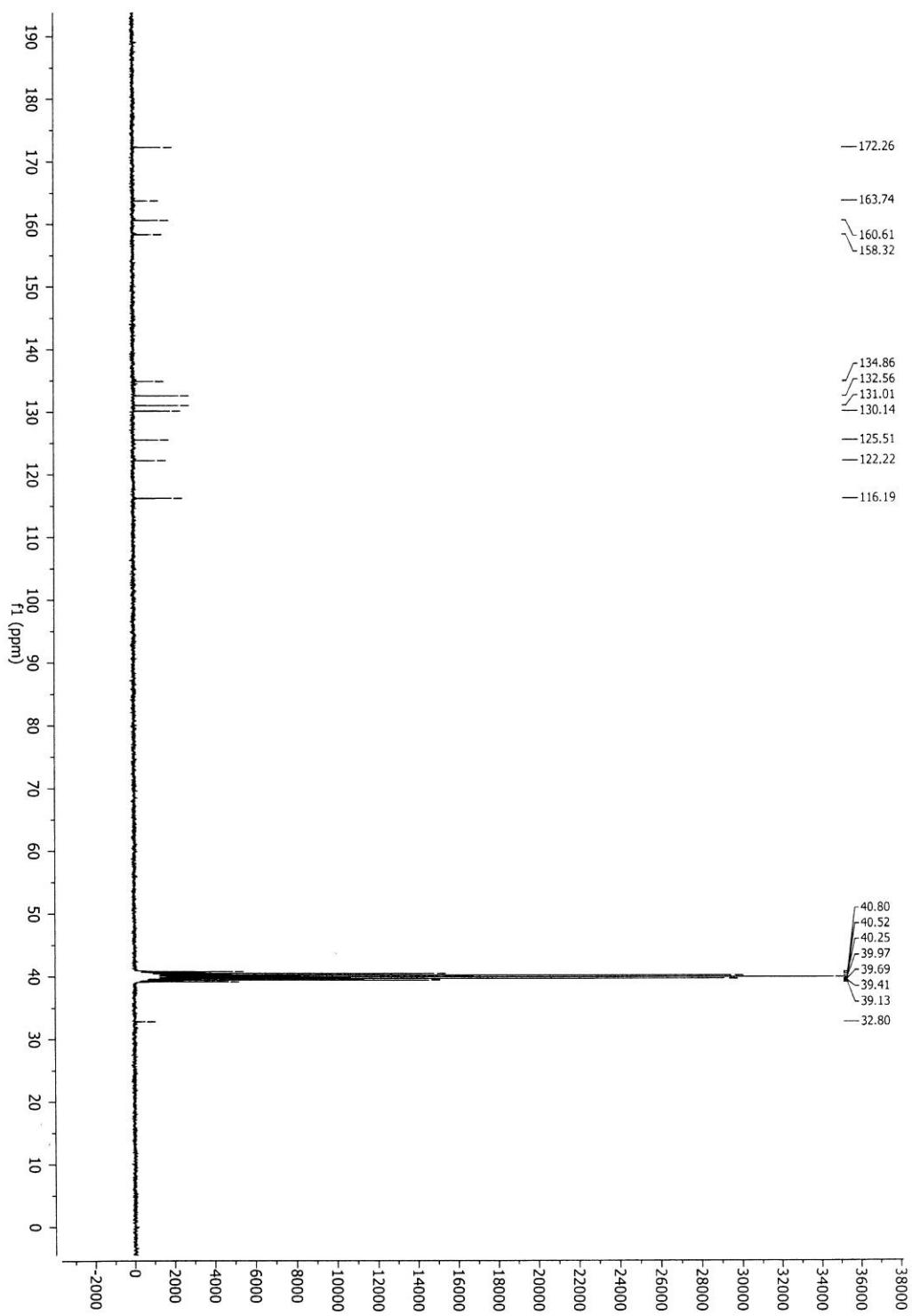


Fig. S46. ¹³C NMR spectrum for compound 66

Compound 68

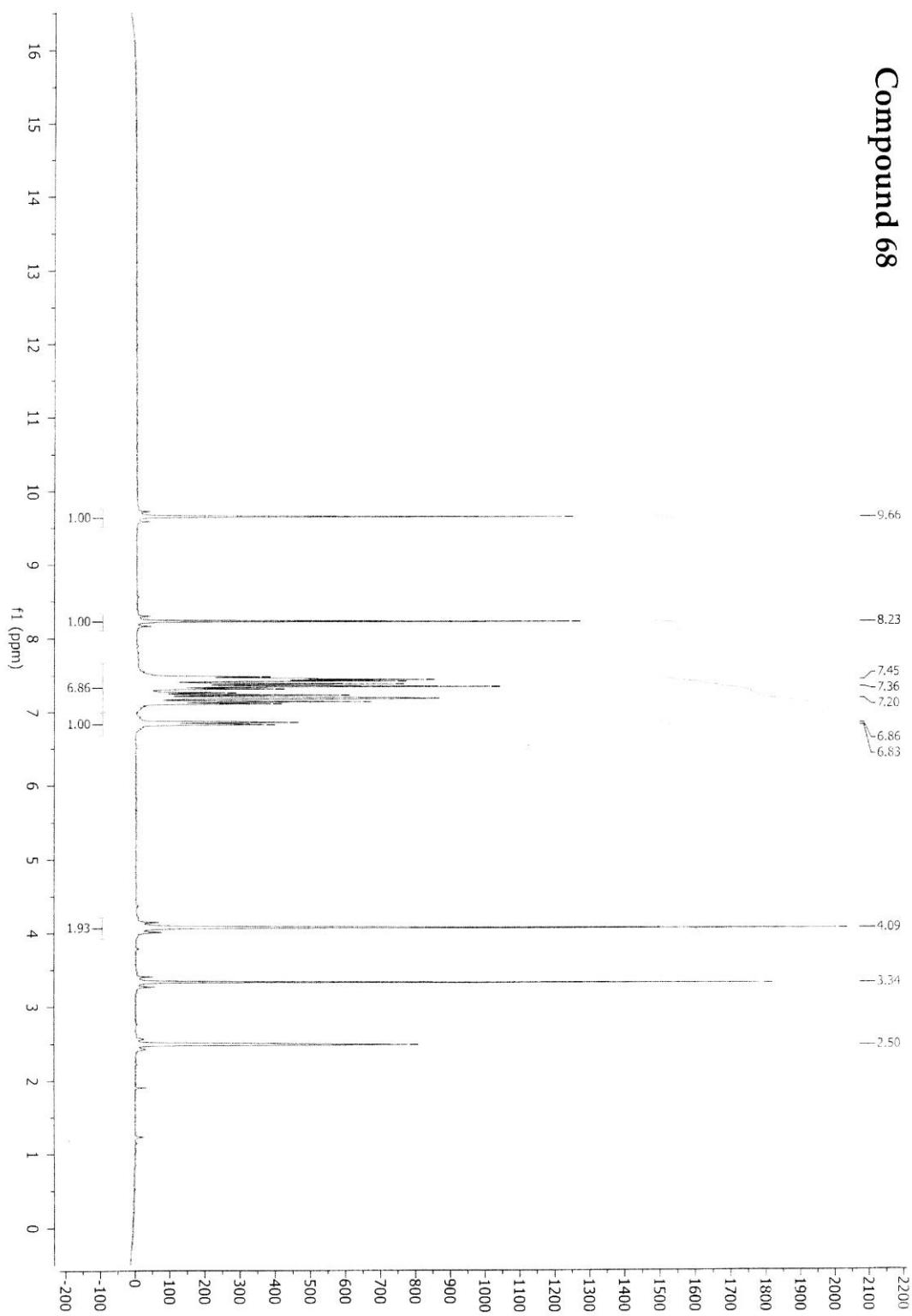


Fig. S47. ¹H NMR spectrum for compound 68

Compound 68

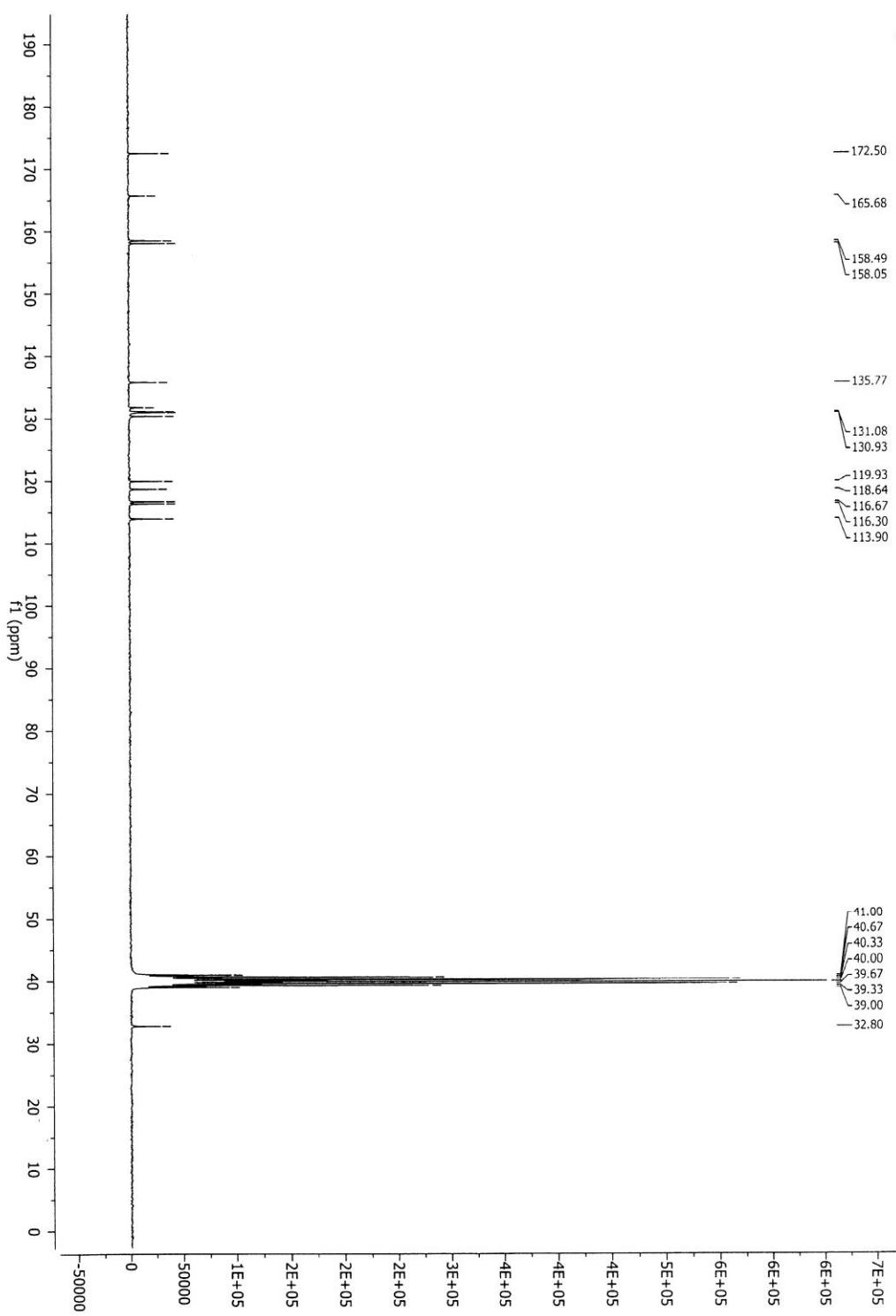


Fig. S48. ¹³C NMR spectrum for compound 68

Compound 70

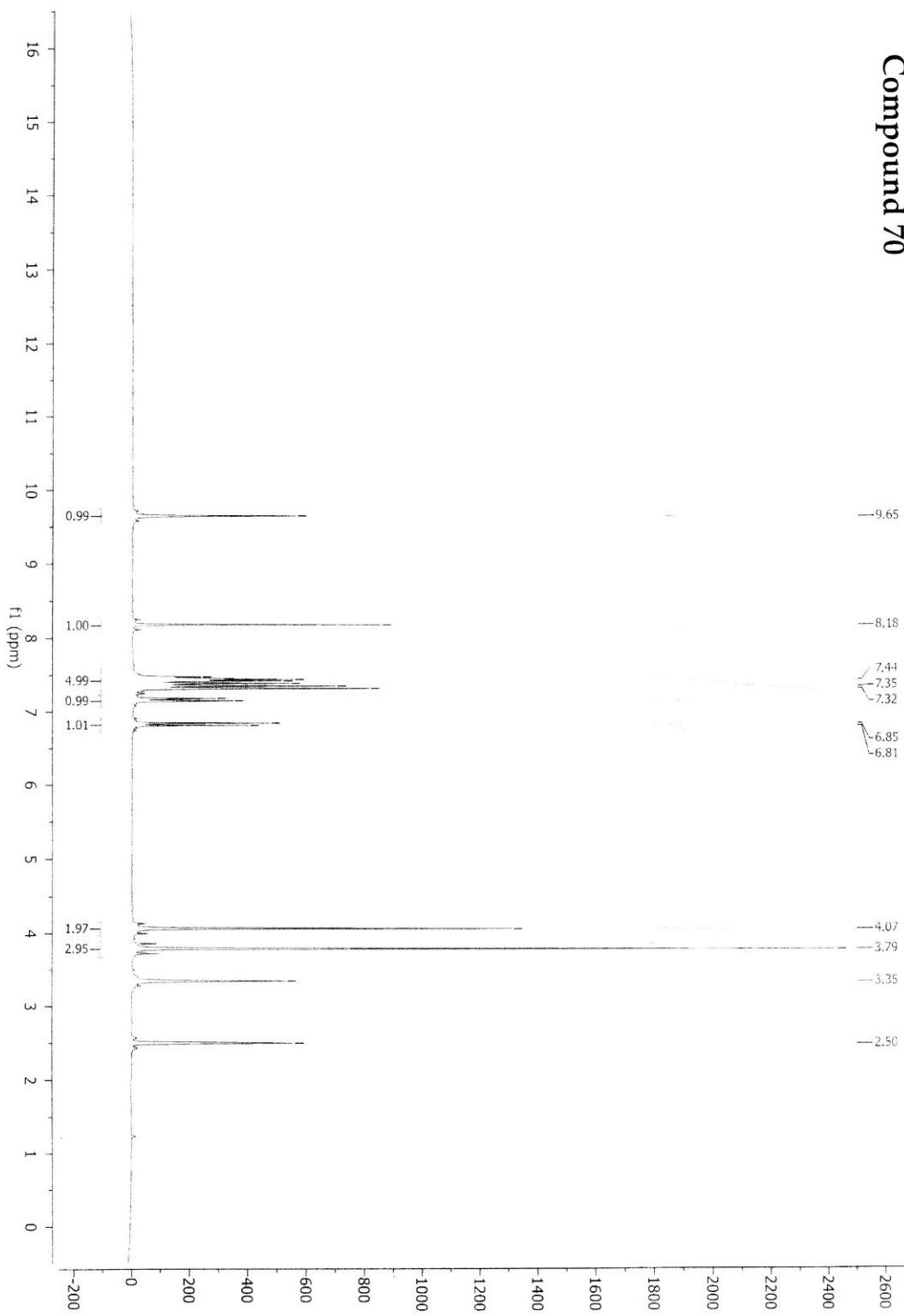


Fig. S49. ¹H NMR spectrum for compound 70

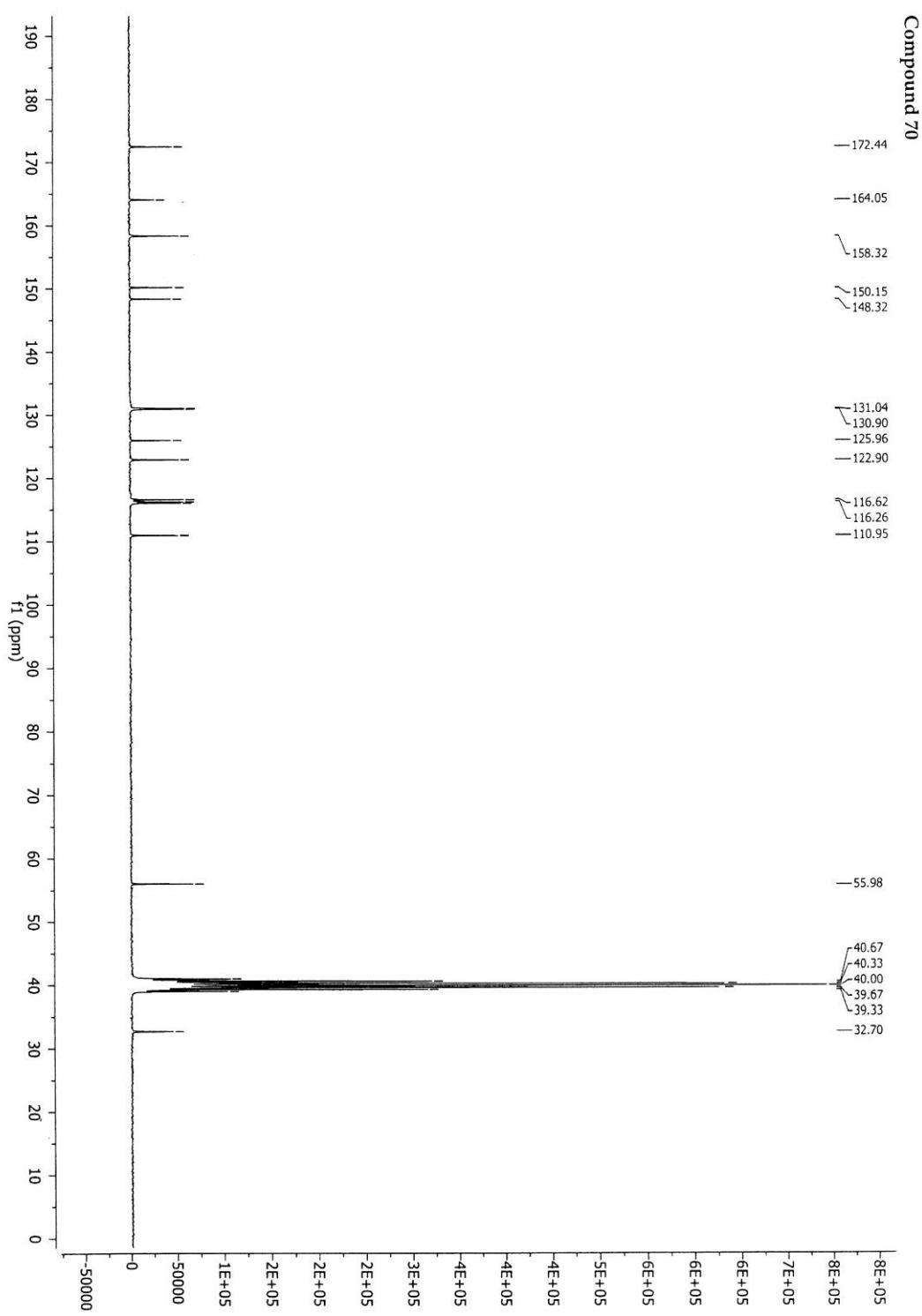


Fig. S50. ^{13}C NMR spectrum for compound 70

Compound 71

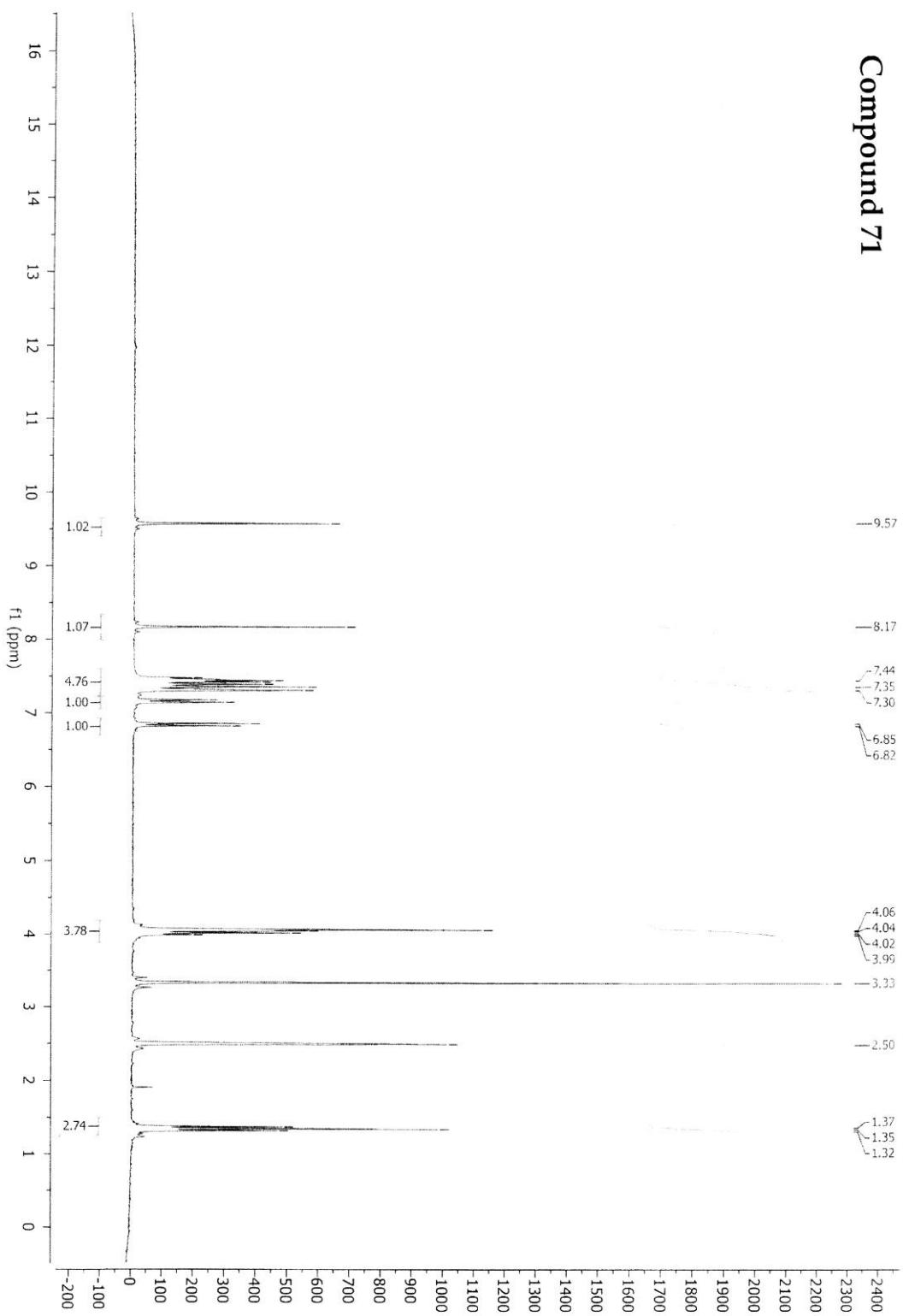


Fig. S51. ¹H NMR spectrum for compound 71

Compound 71

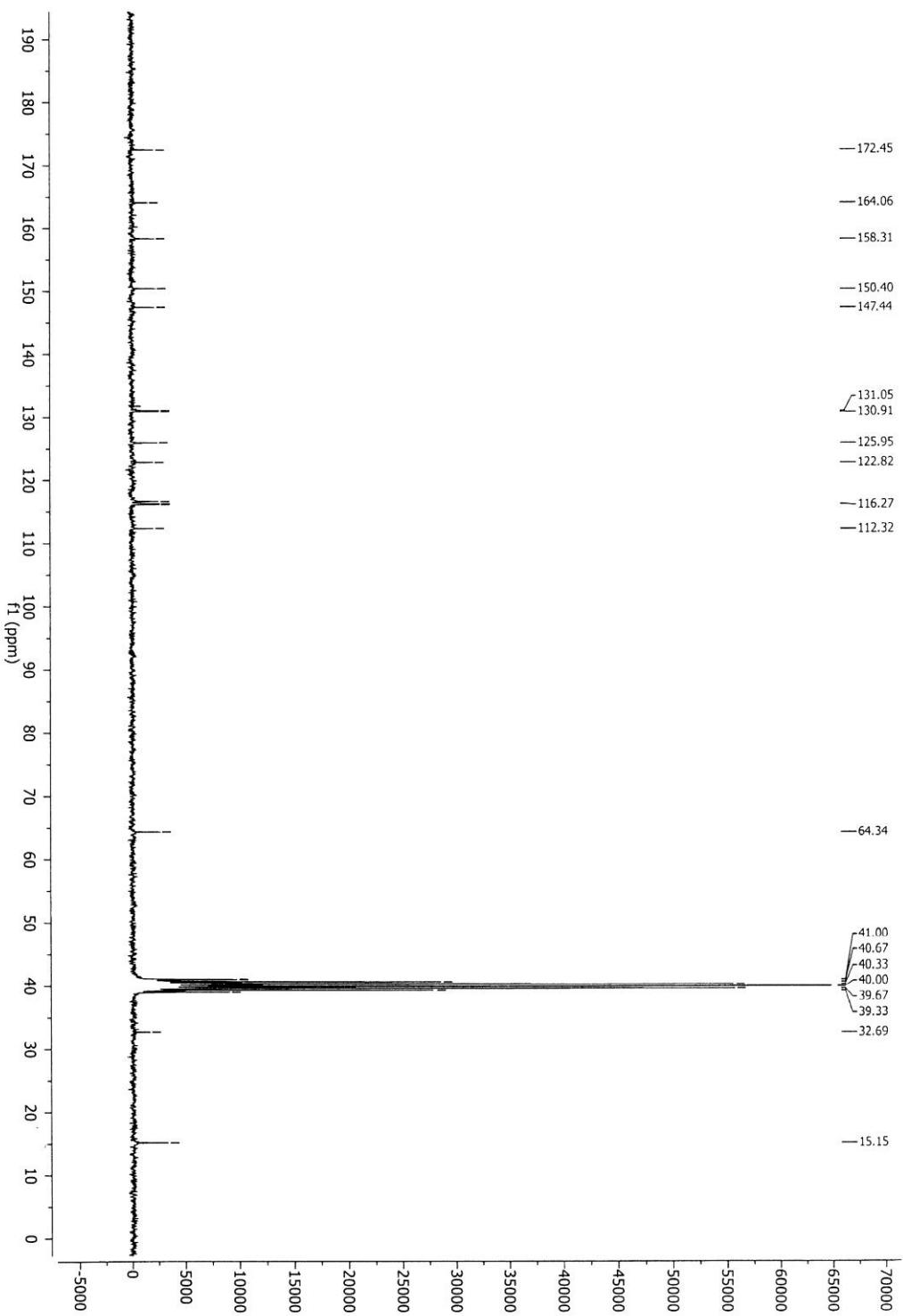


Fig. S52. ¹³C NMR spectrum for compound 71

Compound 72

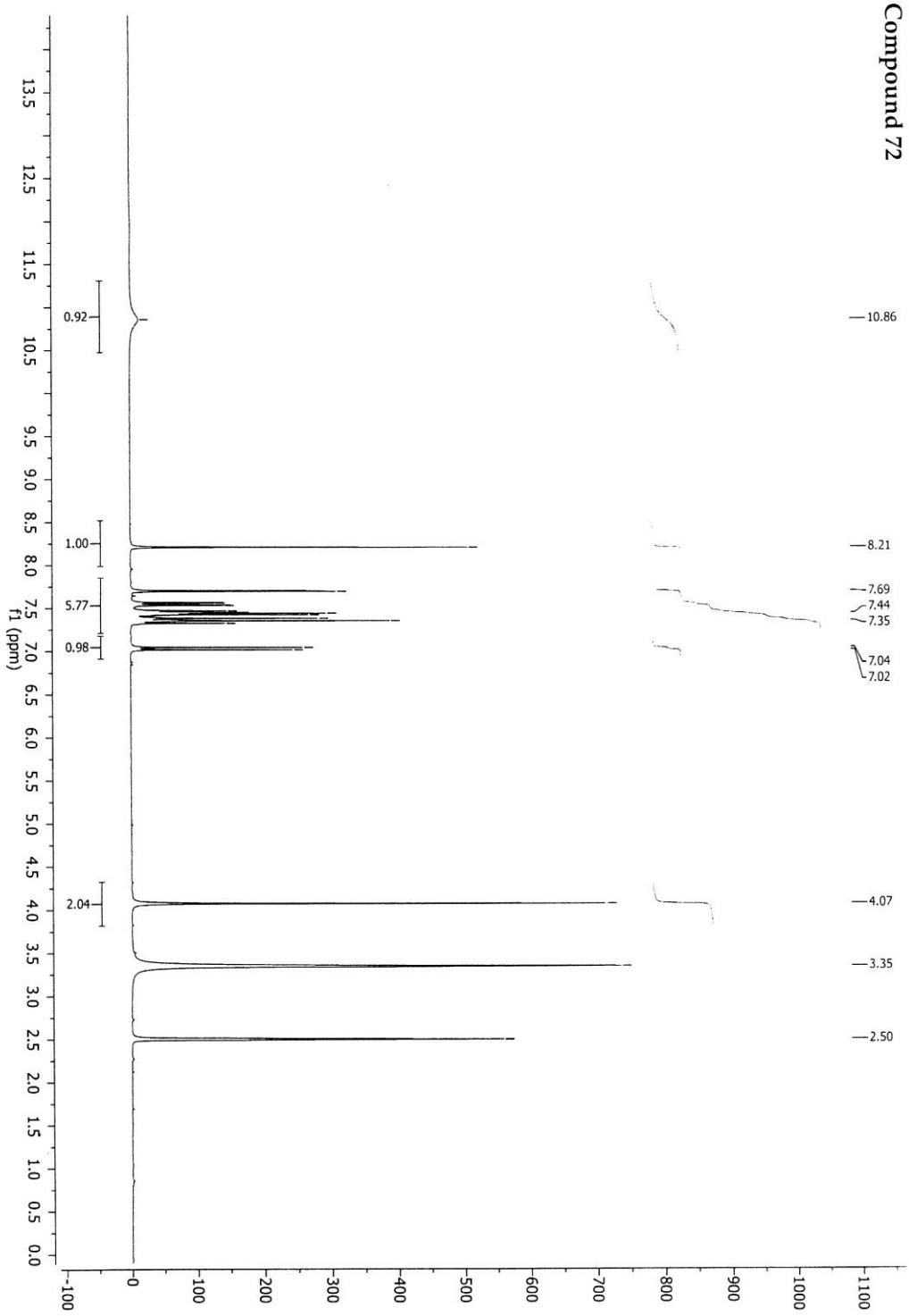


Fig. S53. ¹H NMR spectrum for compound 72

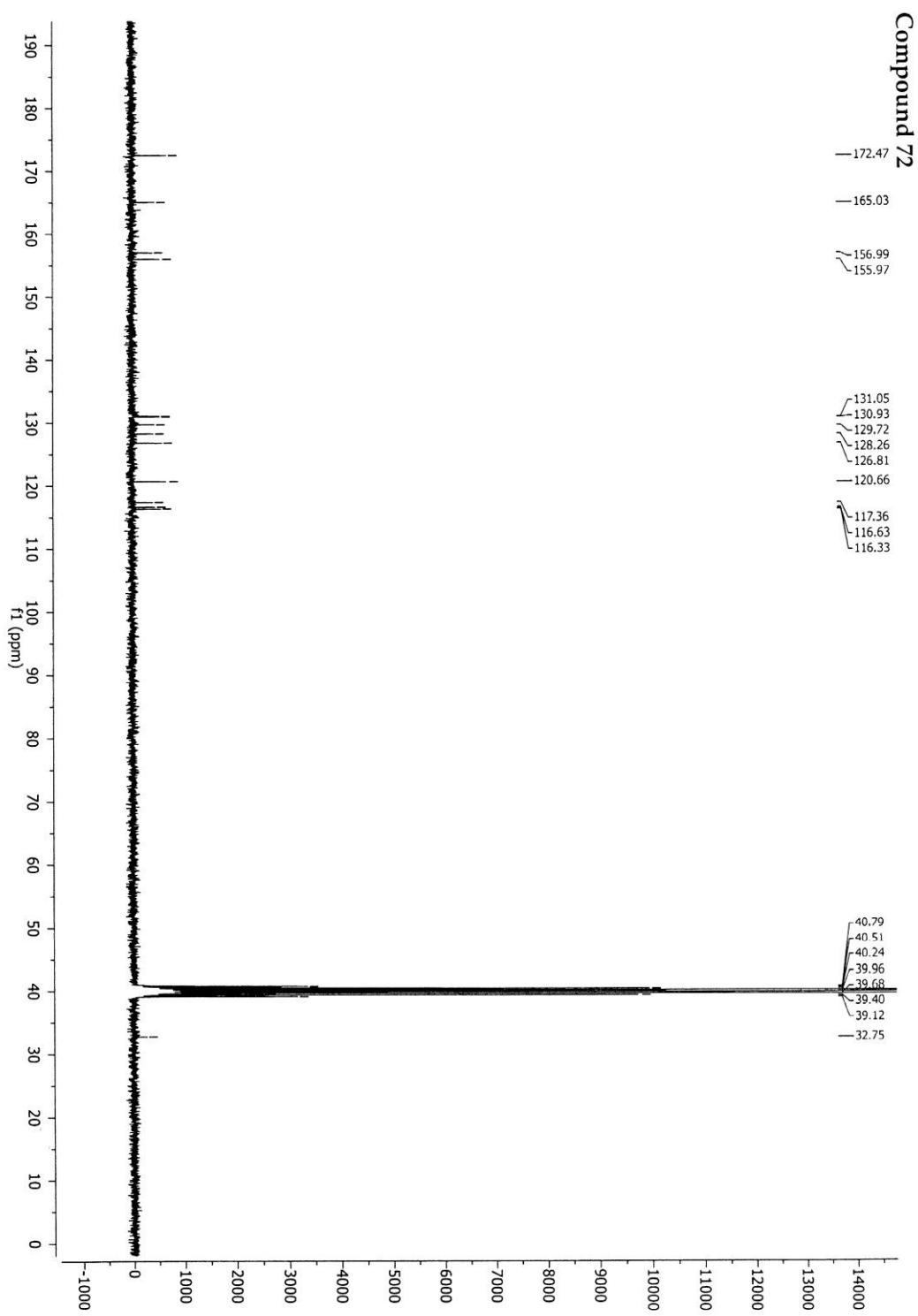


Fig. S54. ^{13}C NMR spectrum for compound 72

Compound 73

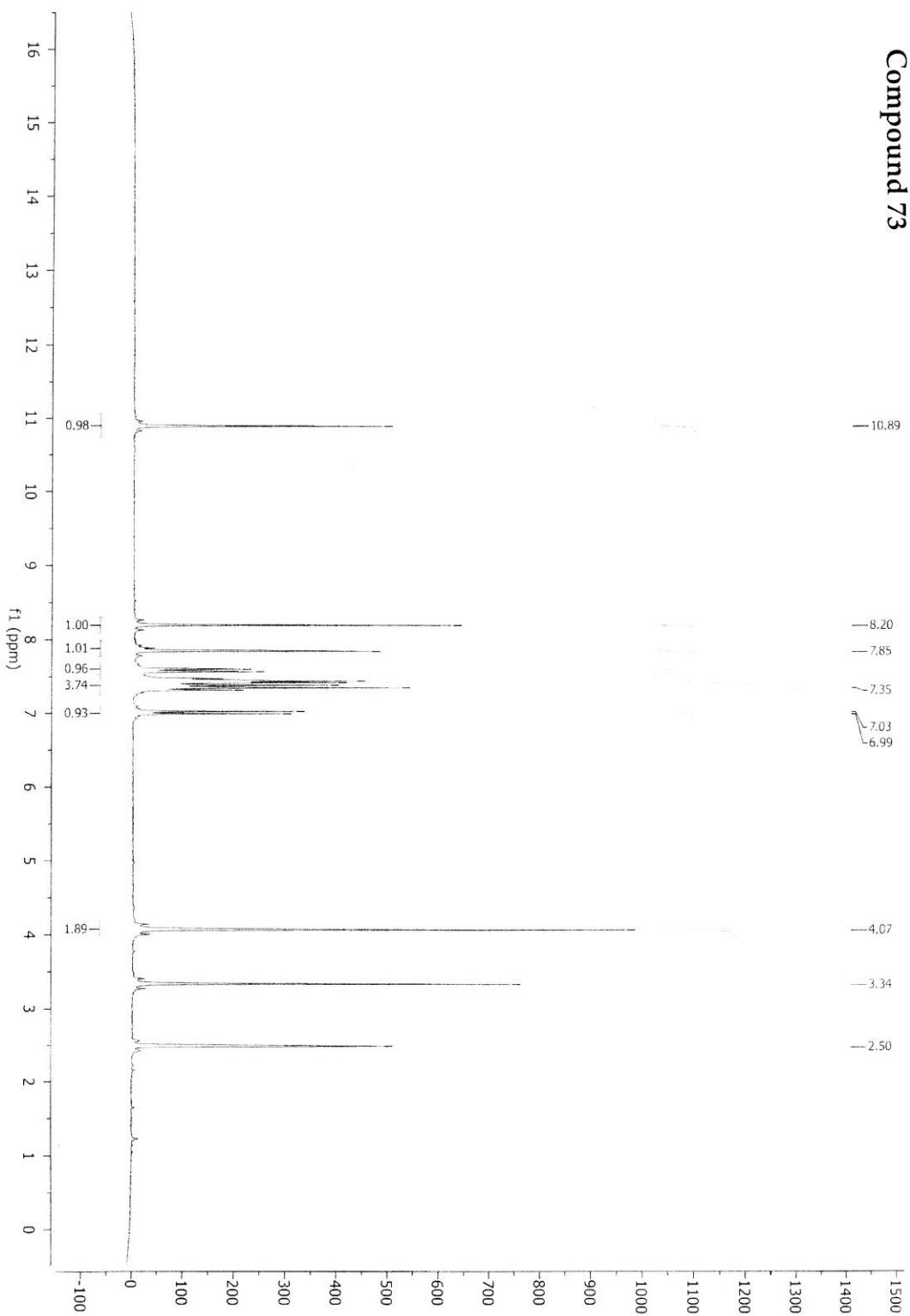


Fig. S55. ¹H NMR spectrum for compound 73

Compound 73

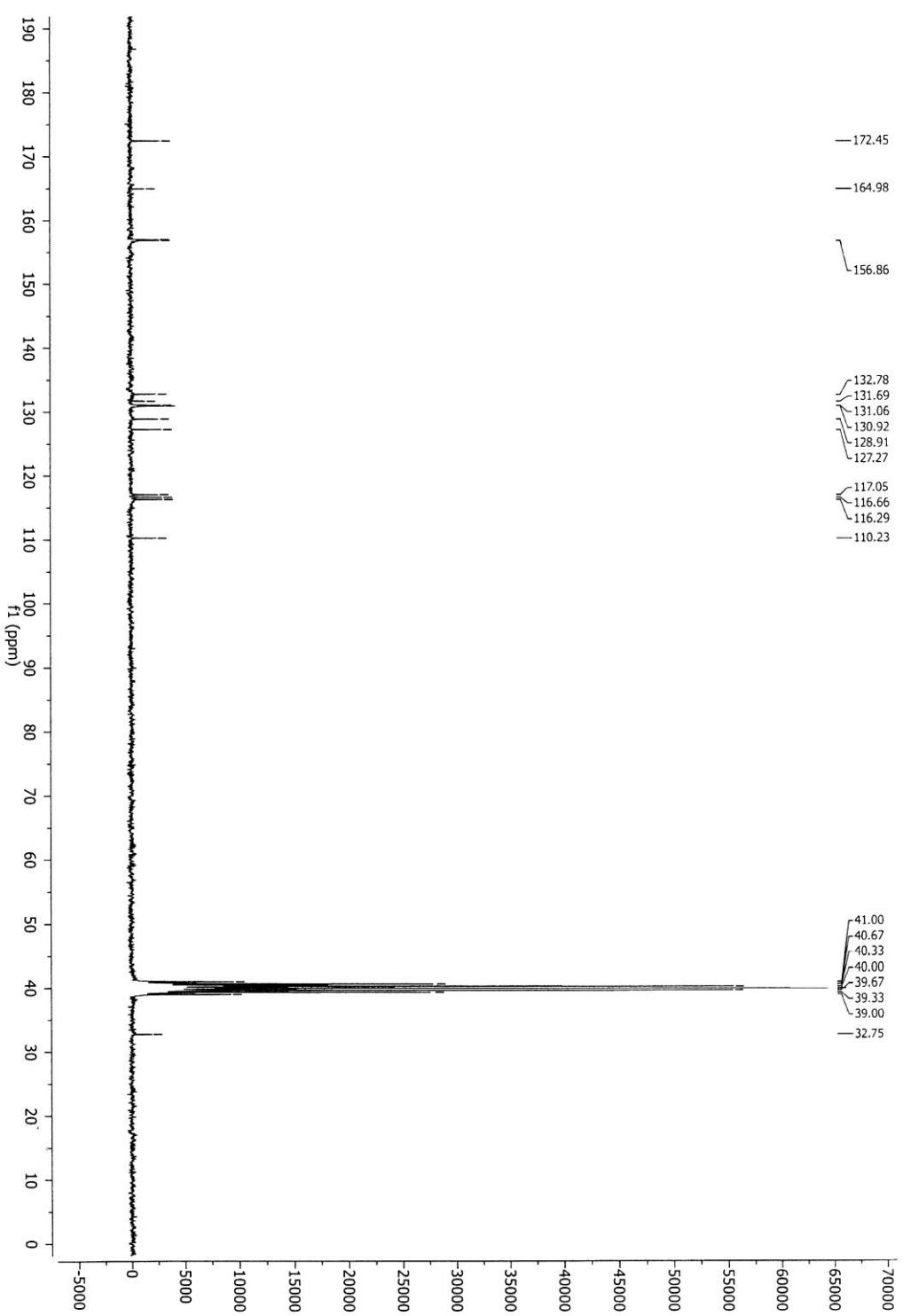


Fig. S56. ^{13}C NMR spectrum for compound 73

Compound 74

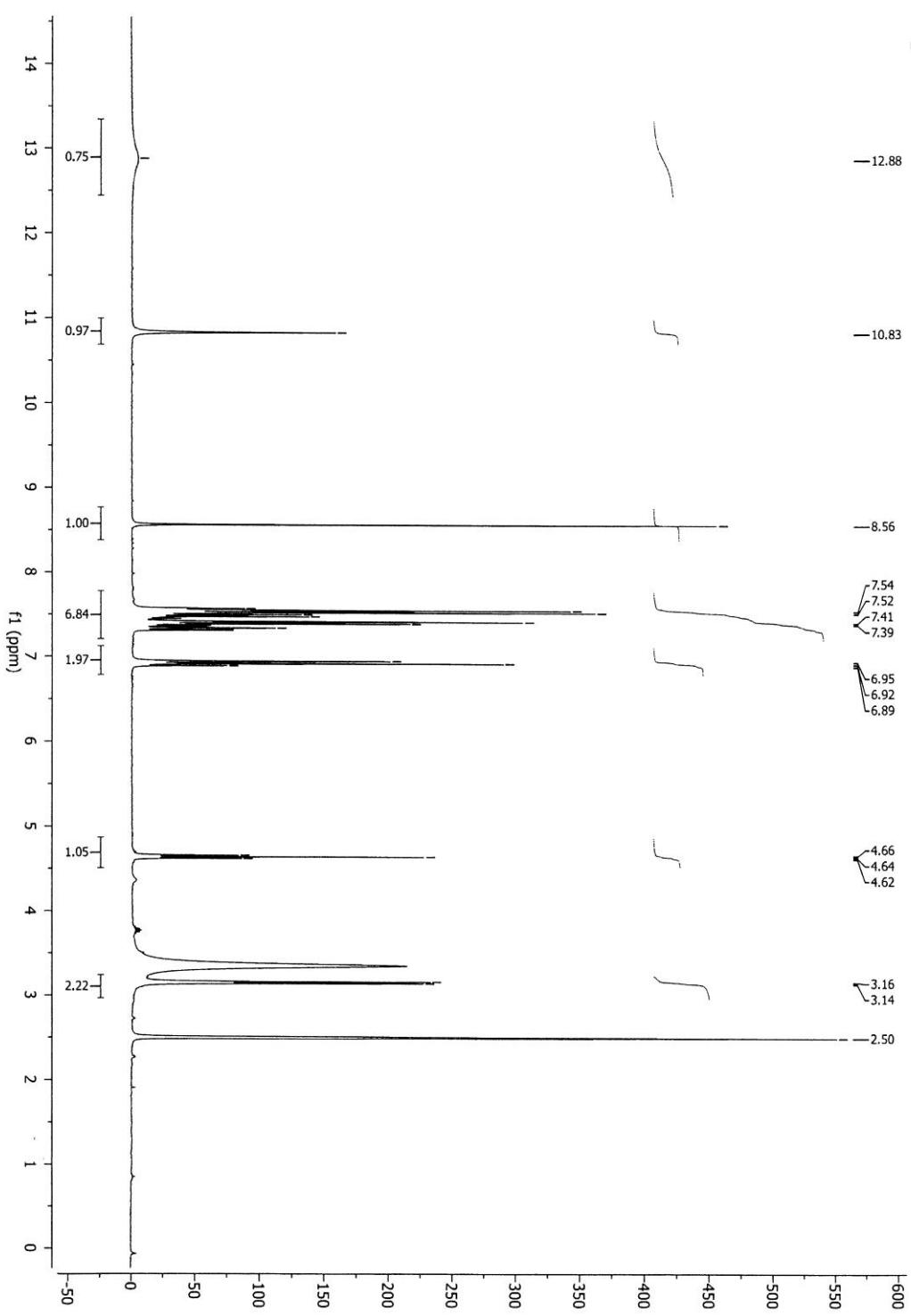


Fig. S57. ¹H NMR spectrum for compound 74

Compound 74

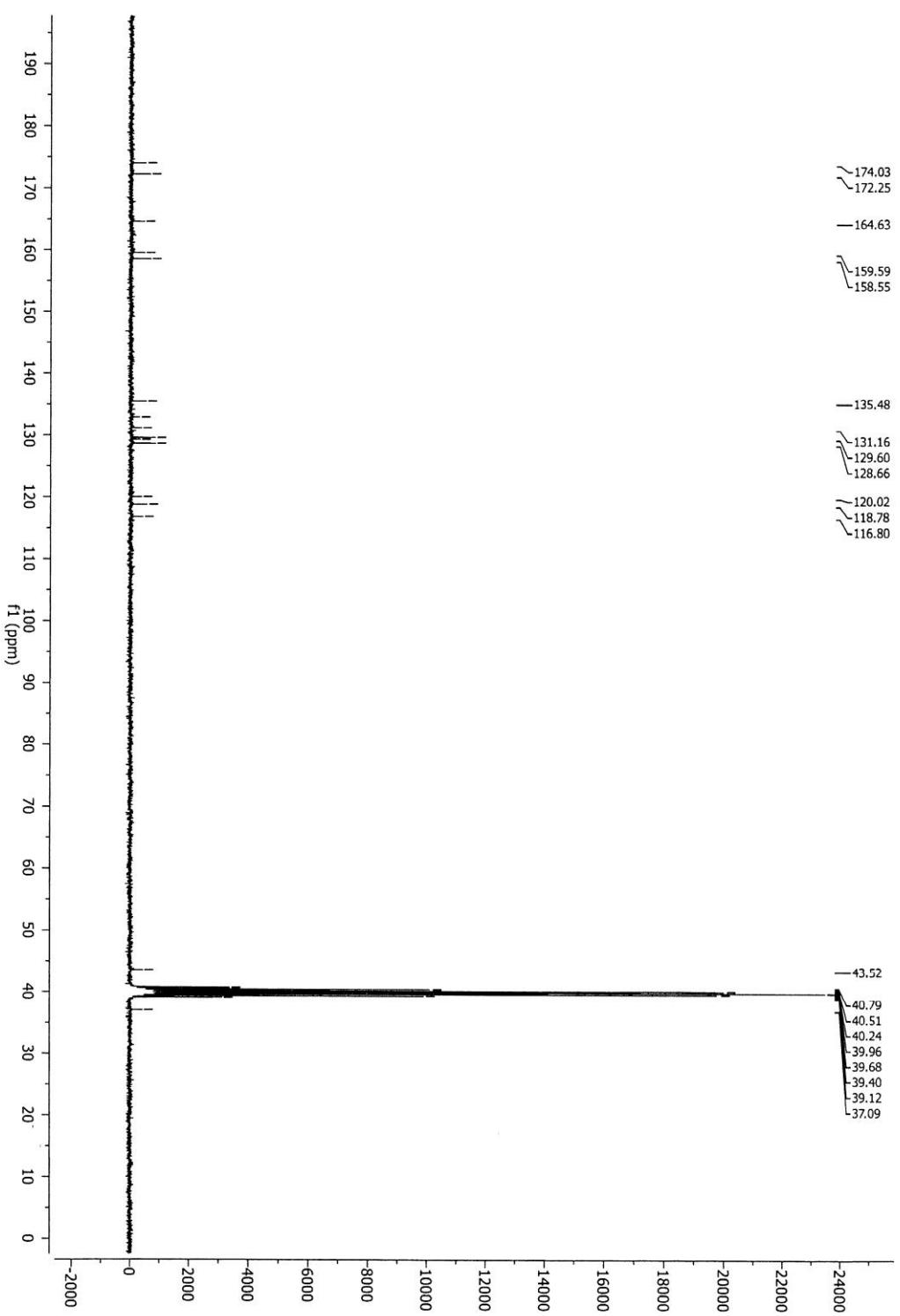


Fig. S58. ¹³C NMR spectrum for compound 74

Compound 75

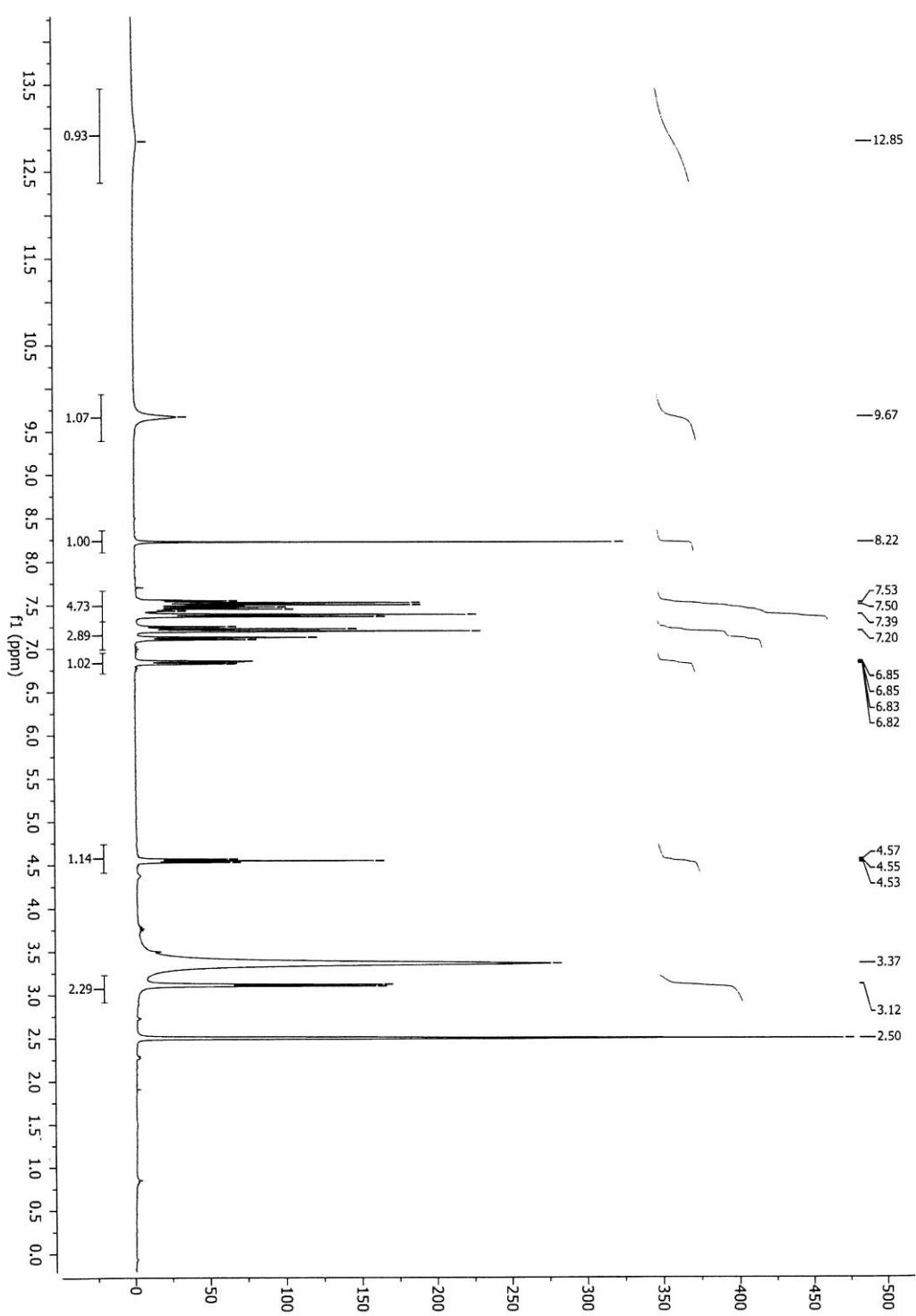


Fig. S59. ¹H NMR spectrum for compound 75

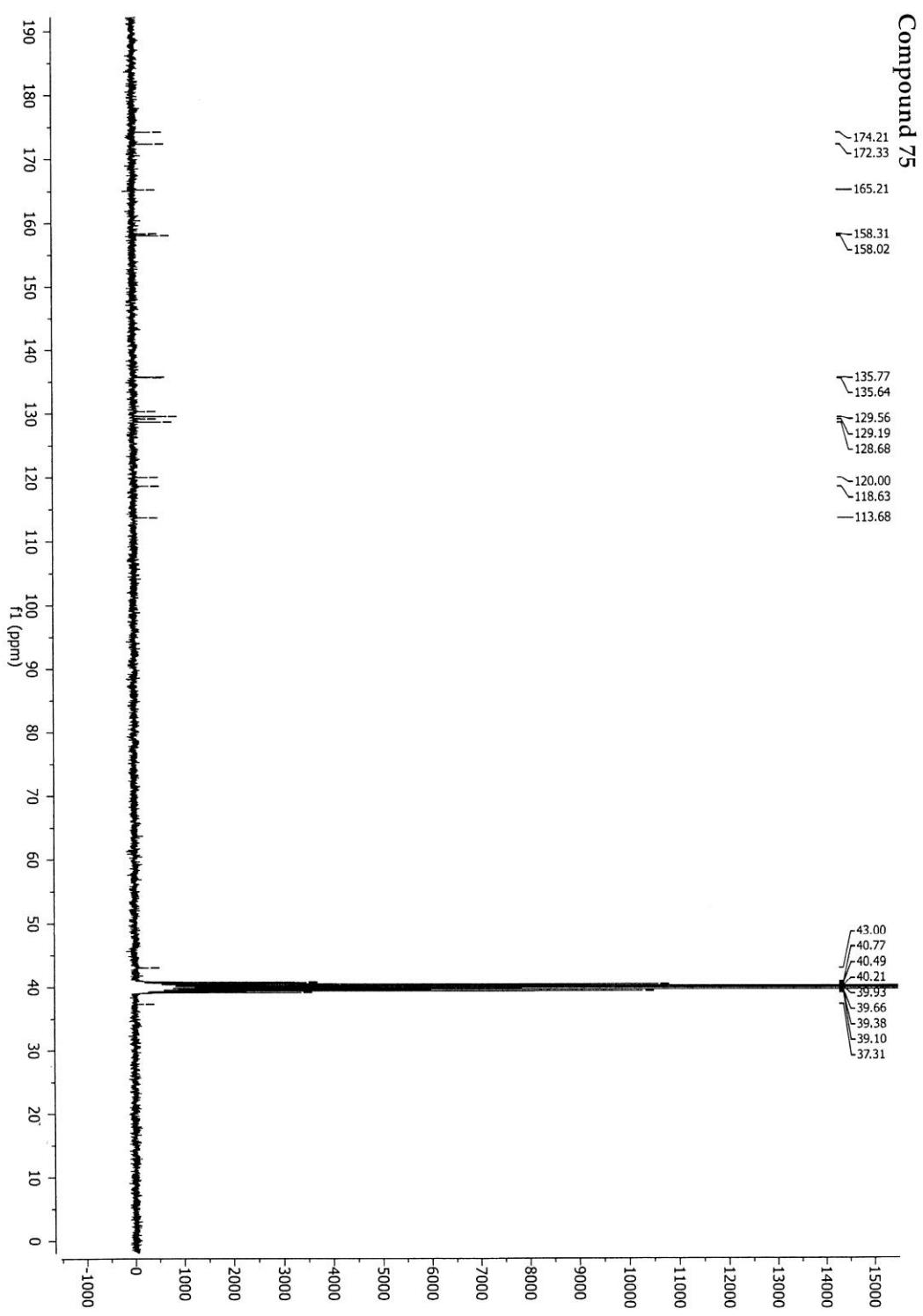


Fig. S60. ^{13}C NMR spectrum for compound **75**

Compound 76

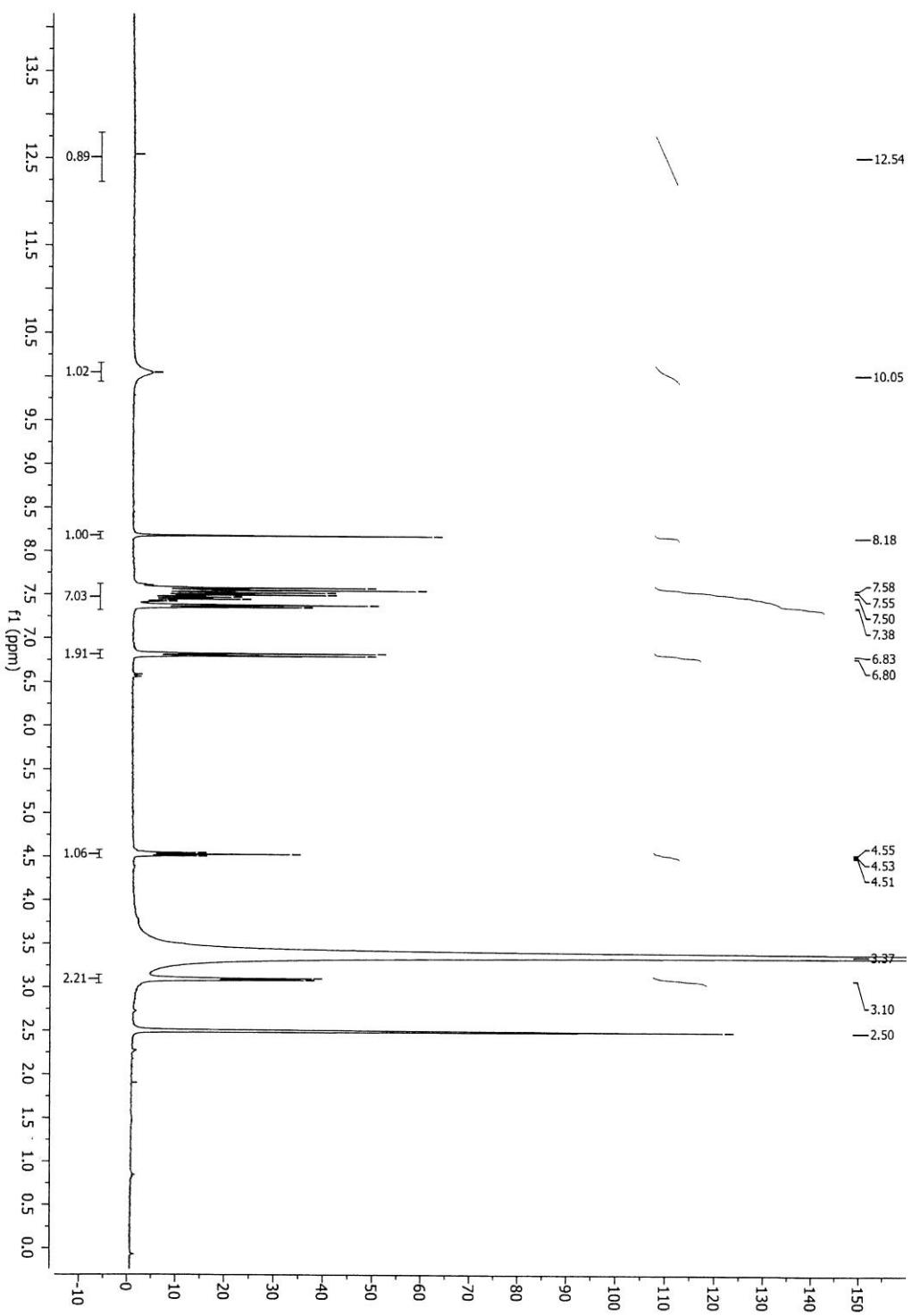


Fig. S61. ¹H NMR spectrum for compound 76

Compound 76

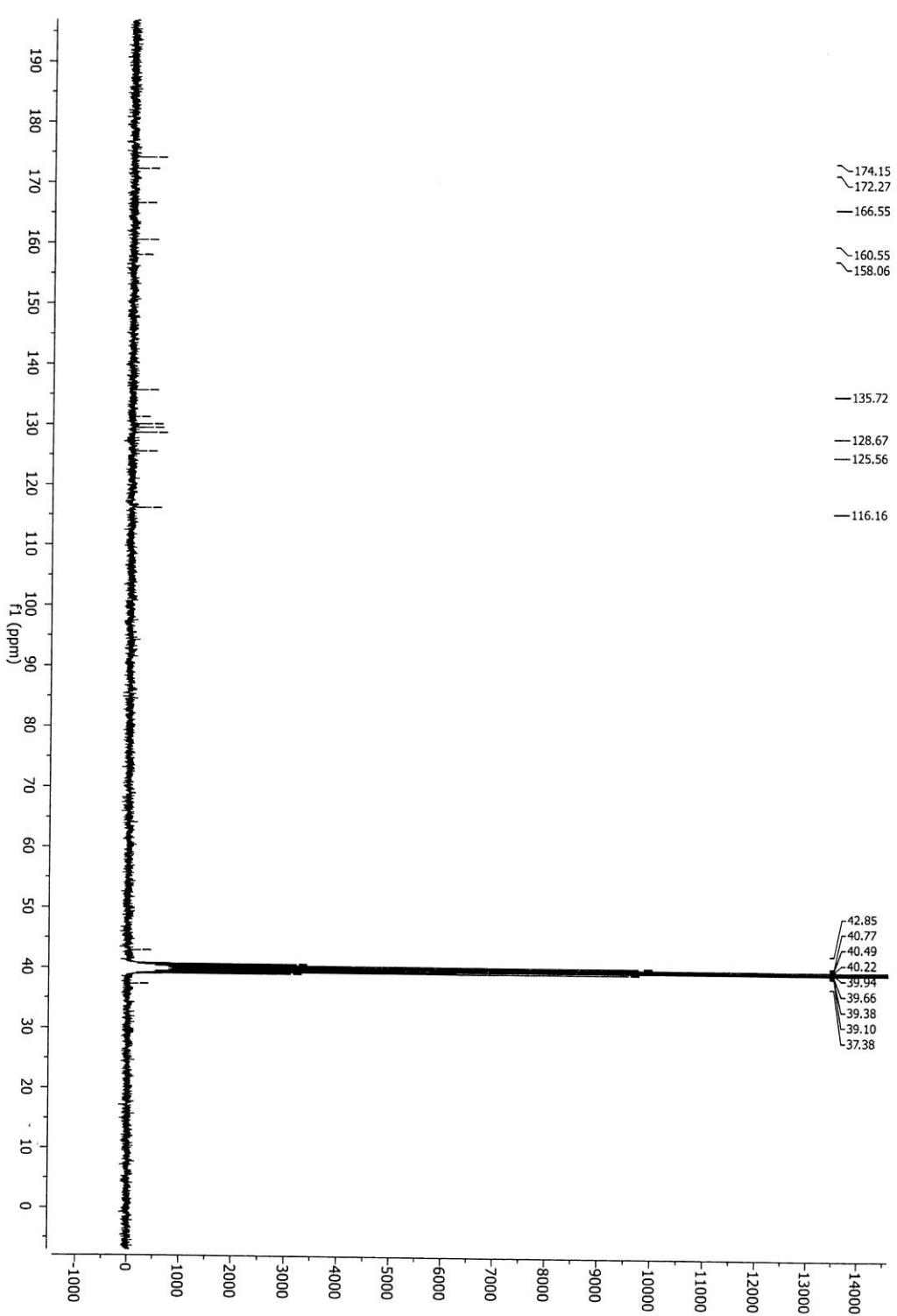


Fig. S62. ¹³C NMR spectrum for compound 76

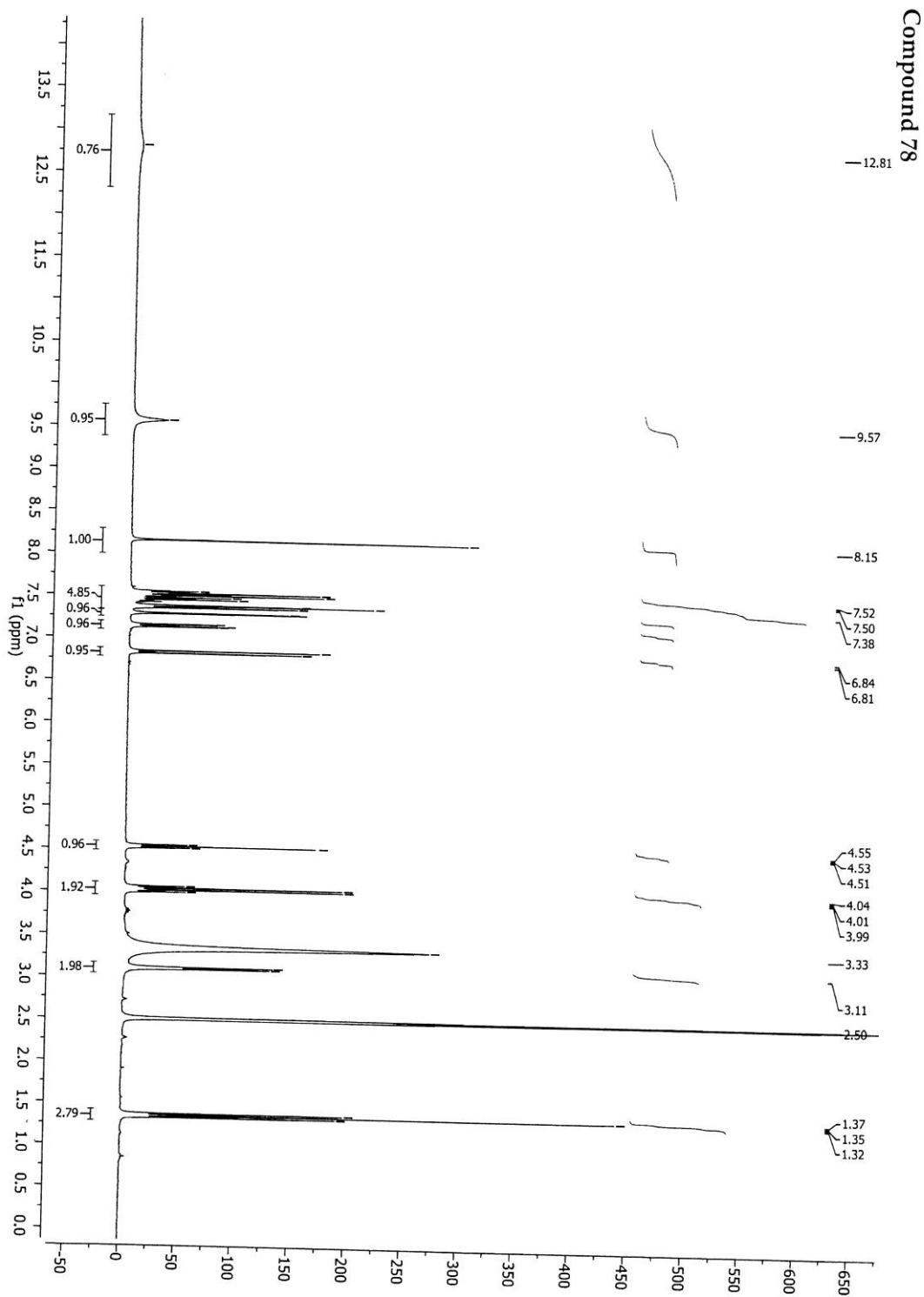


Fig. S63. ^1H NMR spectrum for compound **78**

Compound 78

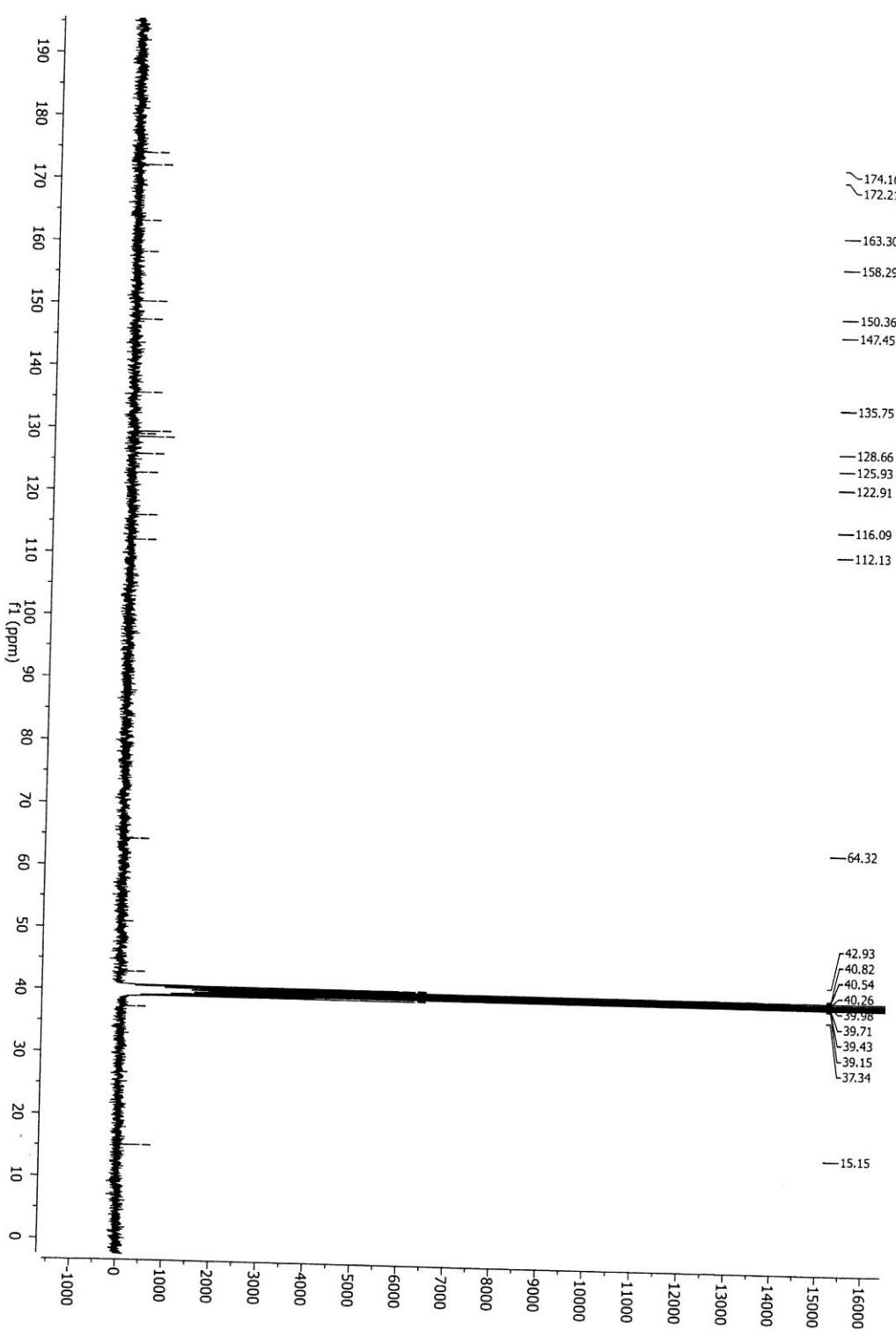


Fig. S64. ^{13}C NMR spectrum for compound 78

Compound 79

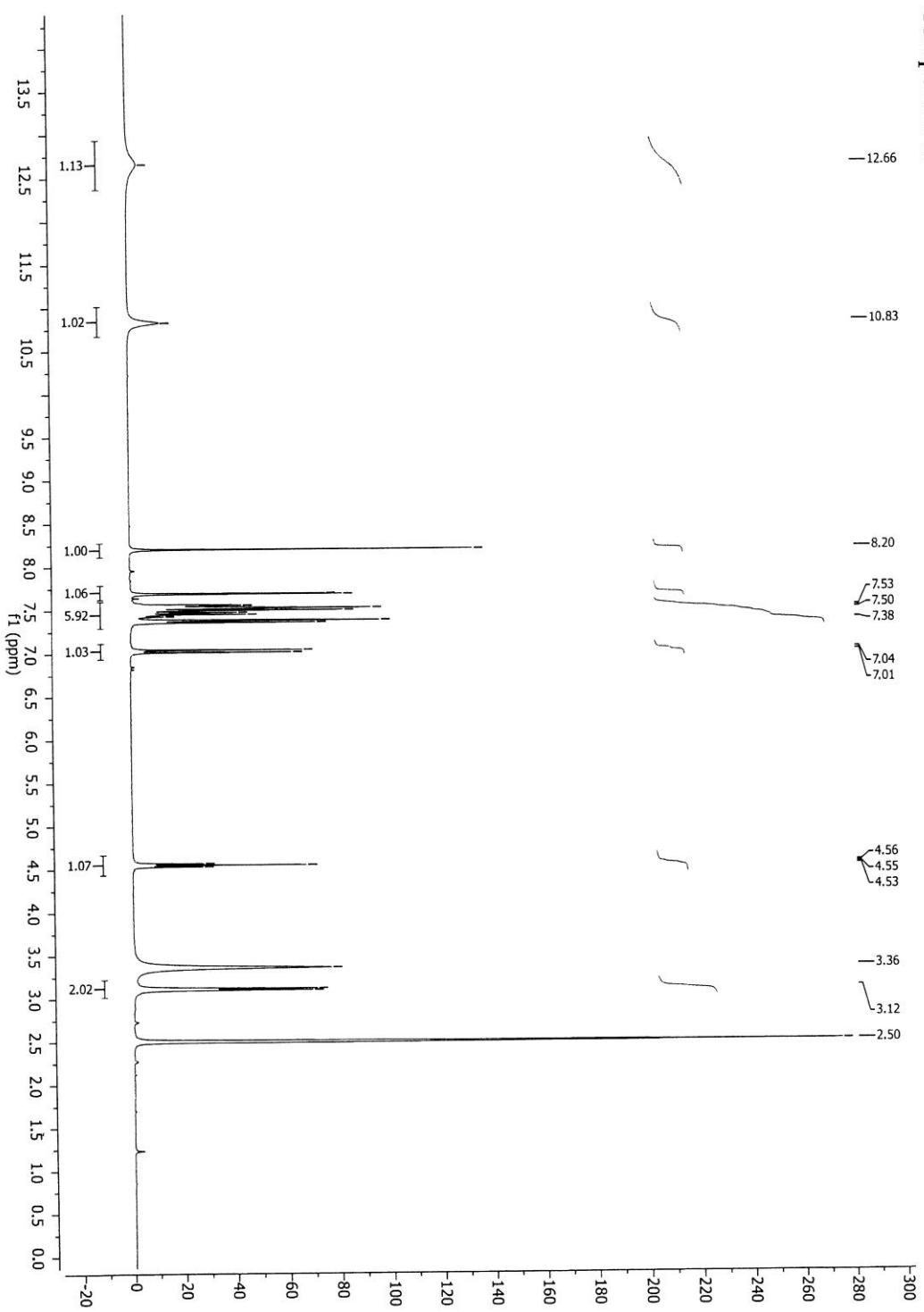


Fig. S65. ¹H NMR spectrum for compound 79

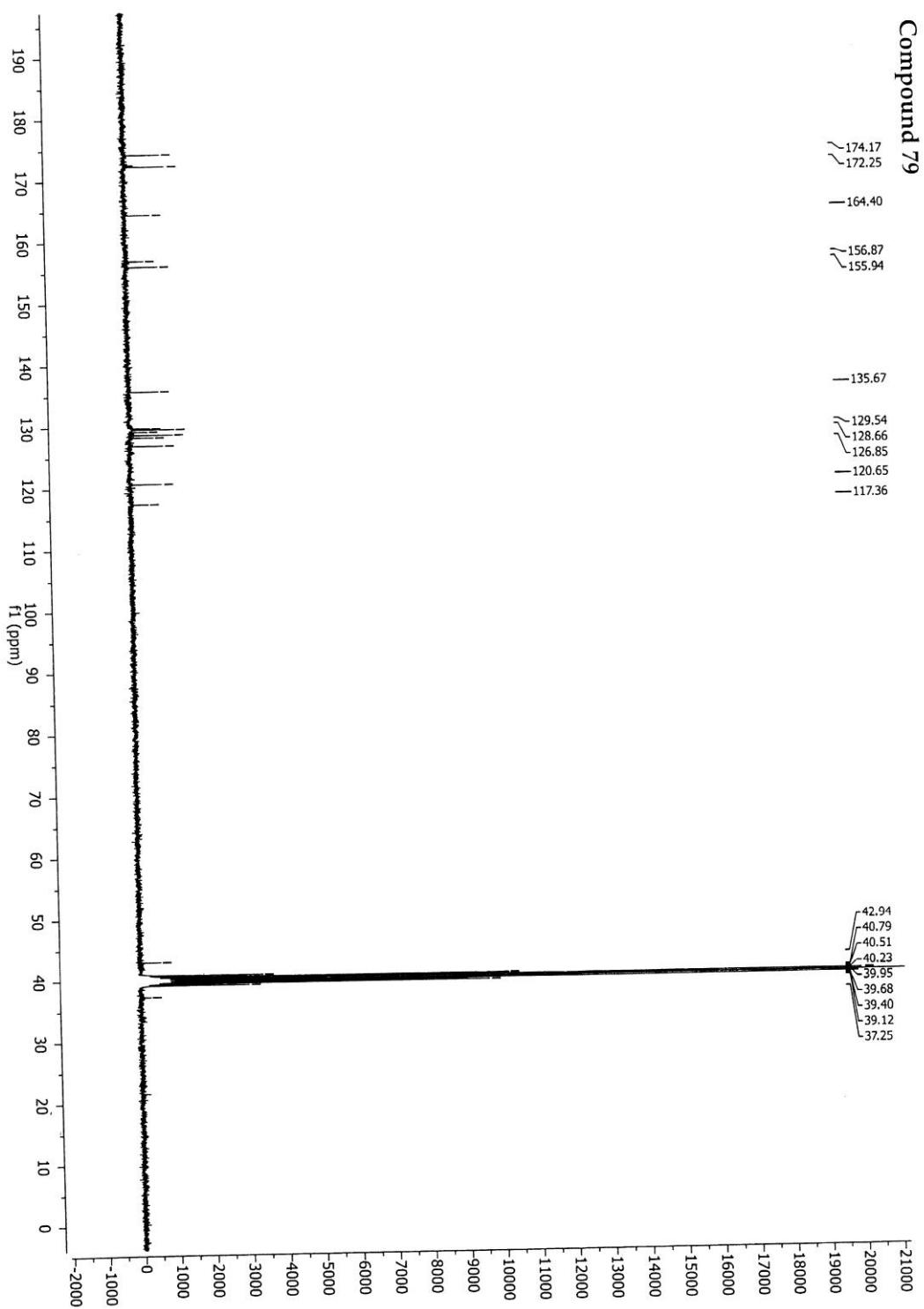


Fig. S66. ^{13}C NMR spectrum for compound 79

Compound 80

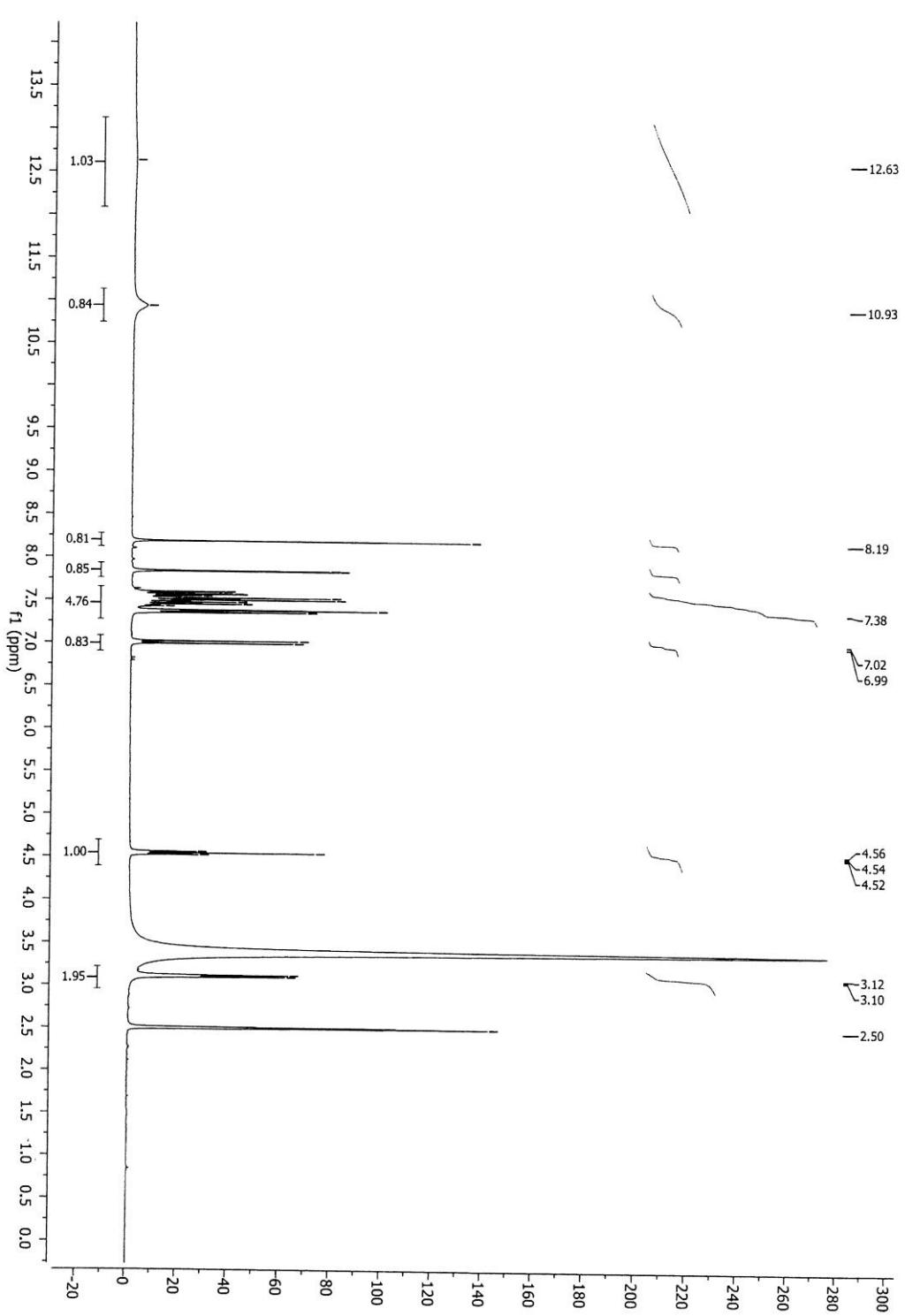


Fig. S67. ¹H NMR spectrum for compound 80

Compound 80

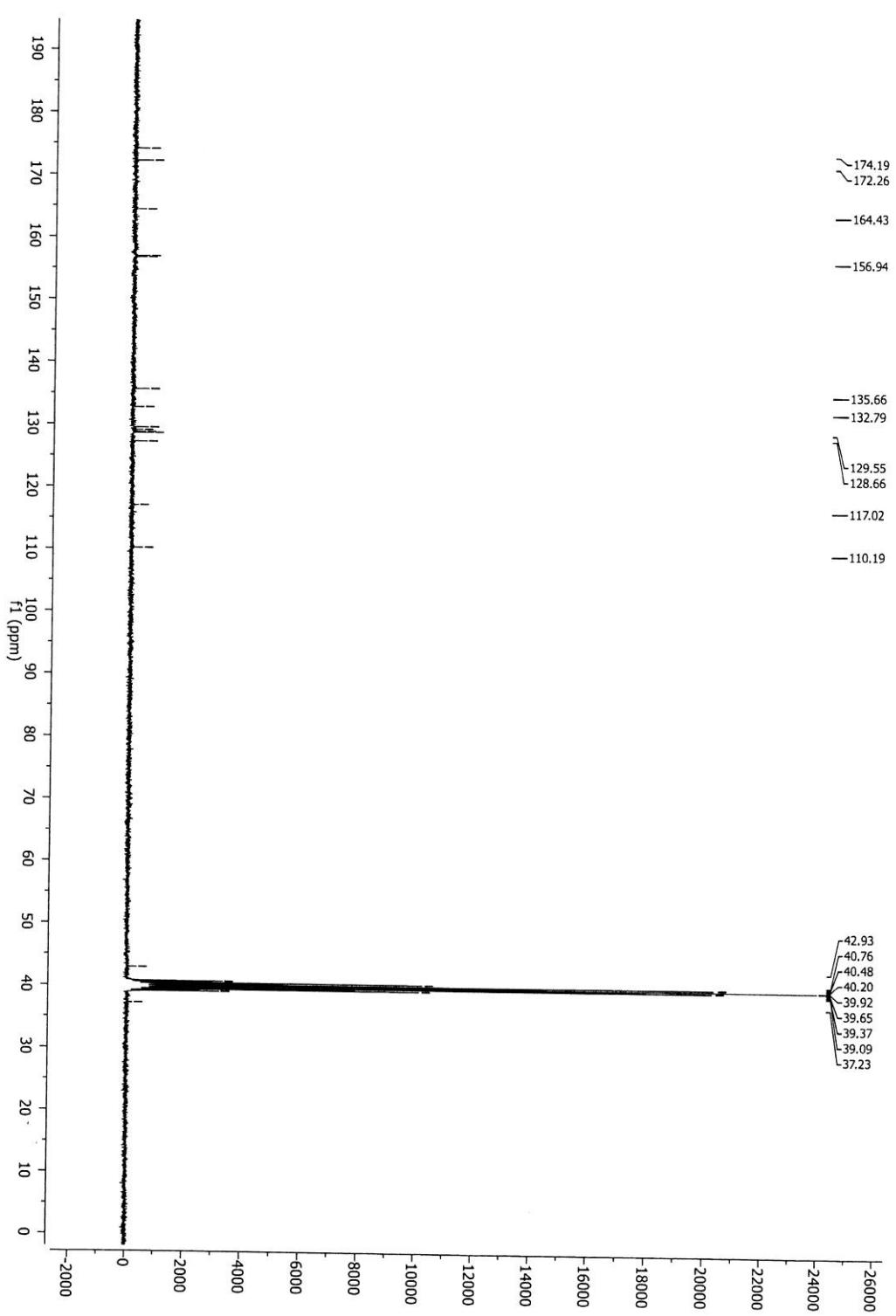


Fig. S68. ^{13}C NMR spectrum for compound 80

Compound 81

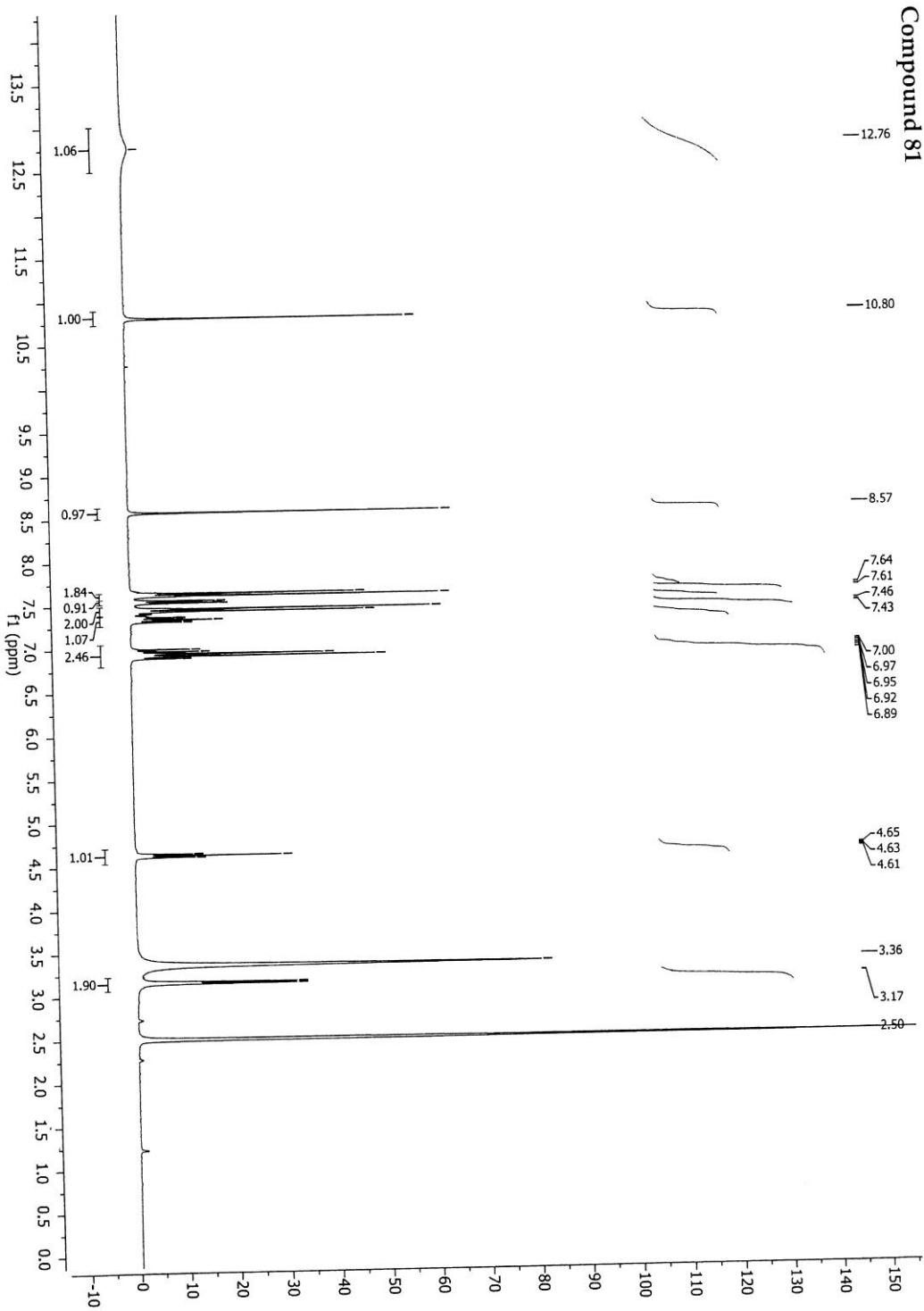


Fig. S69. ¹H NMR spectrum for compound 81

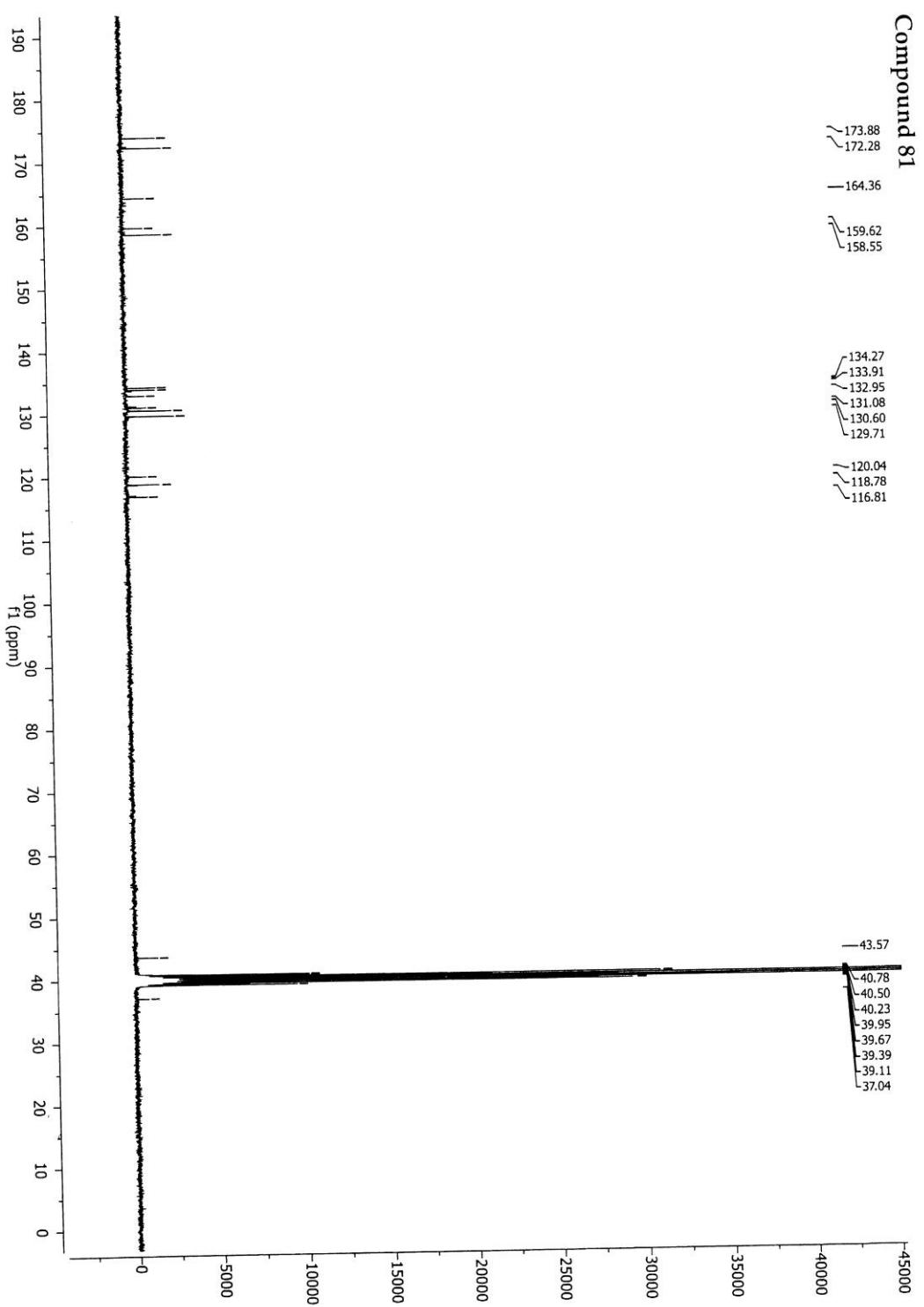


Fig. S70. ${}^{13}\text{C}$ NMR spectrum for compound 81

Compound 82

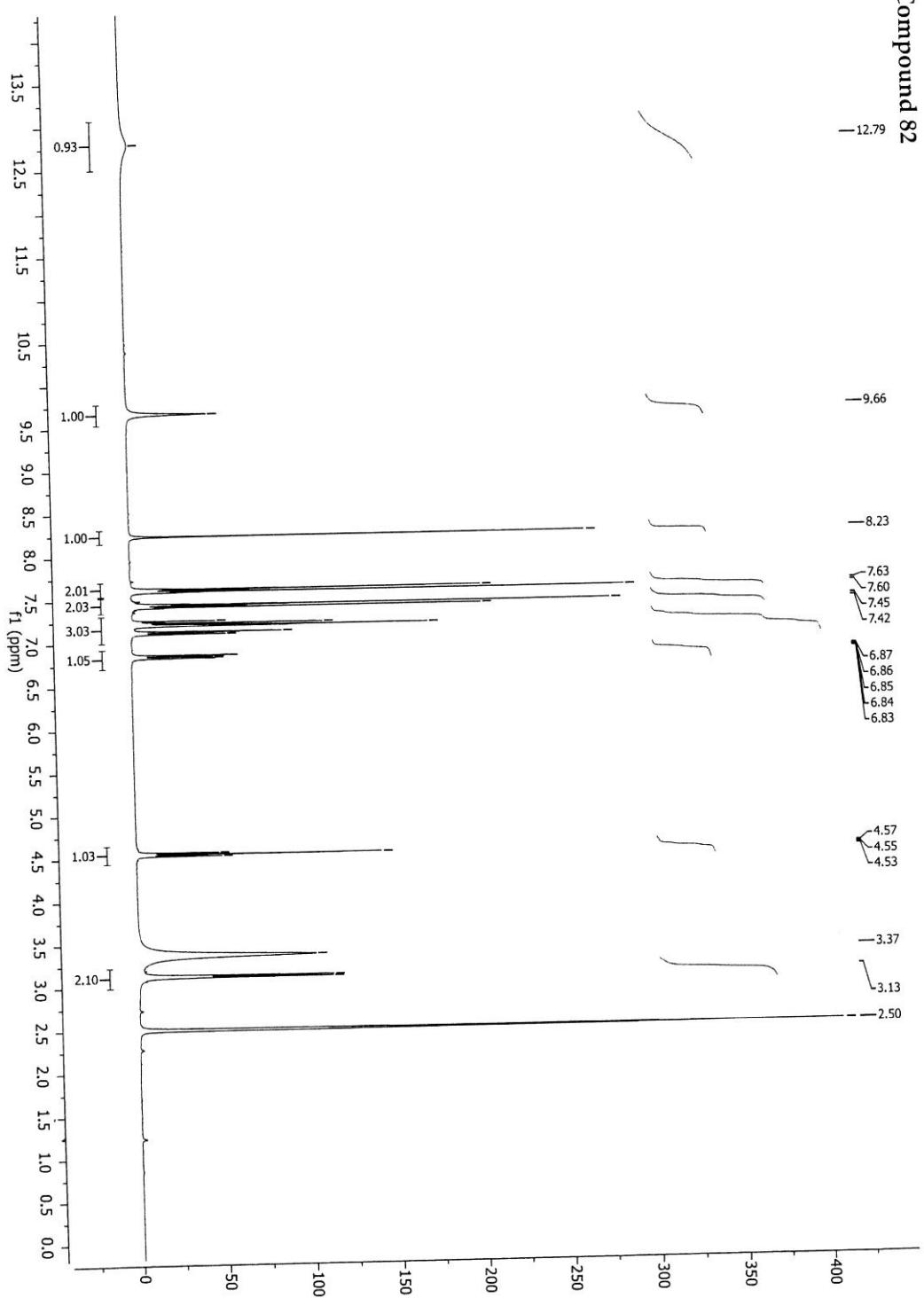


Fig. S71. ¹H NMR spectrum for compound 82

Compound 82

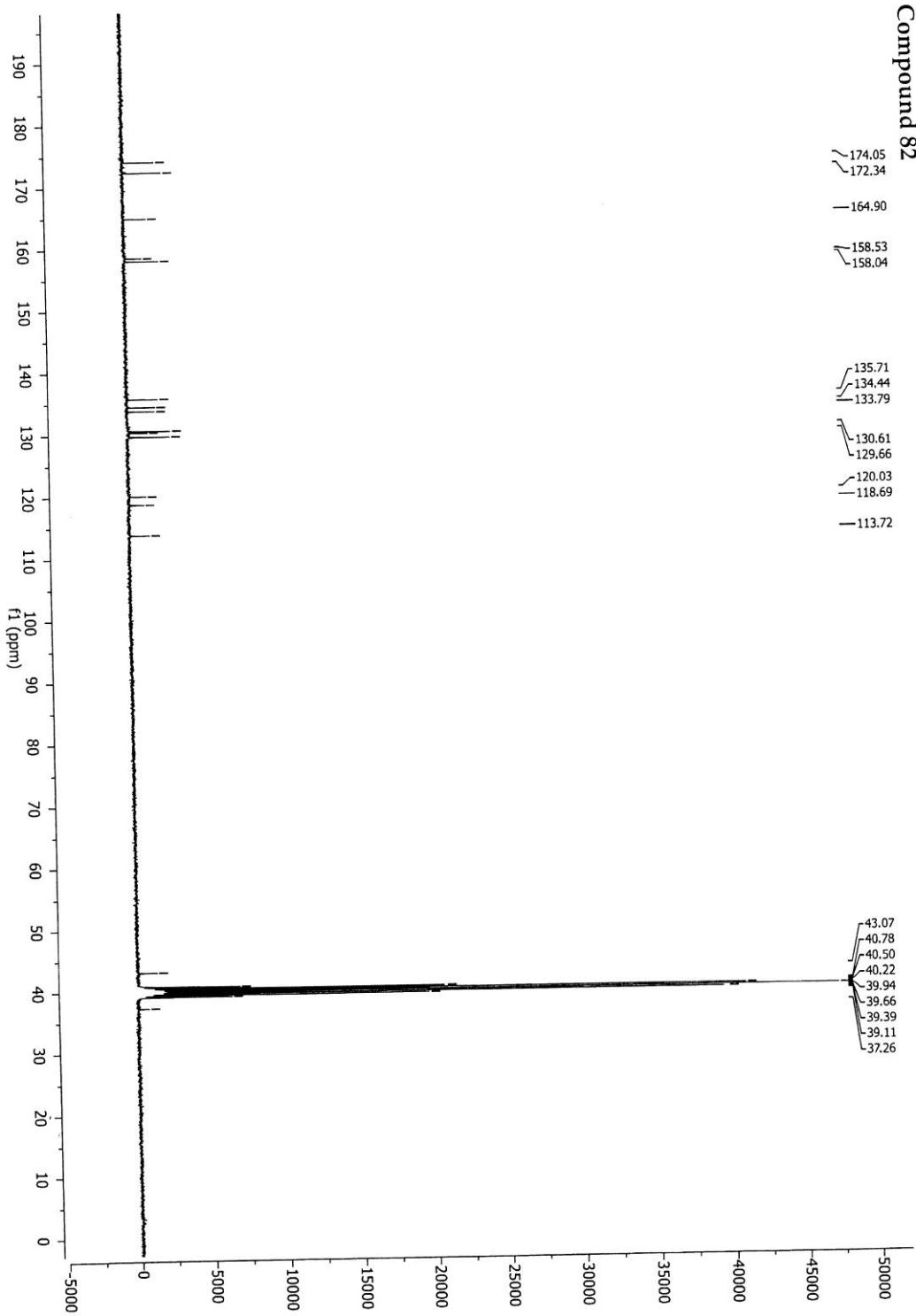


Fig. S72. ¹³C NMR spectrum for compound 82

Compound 83

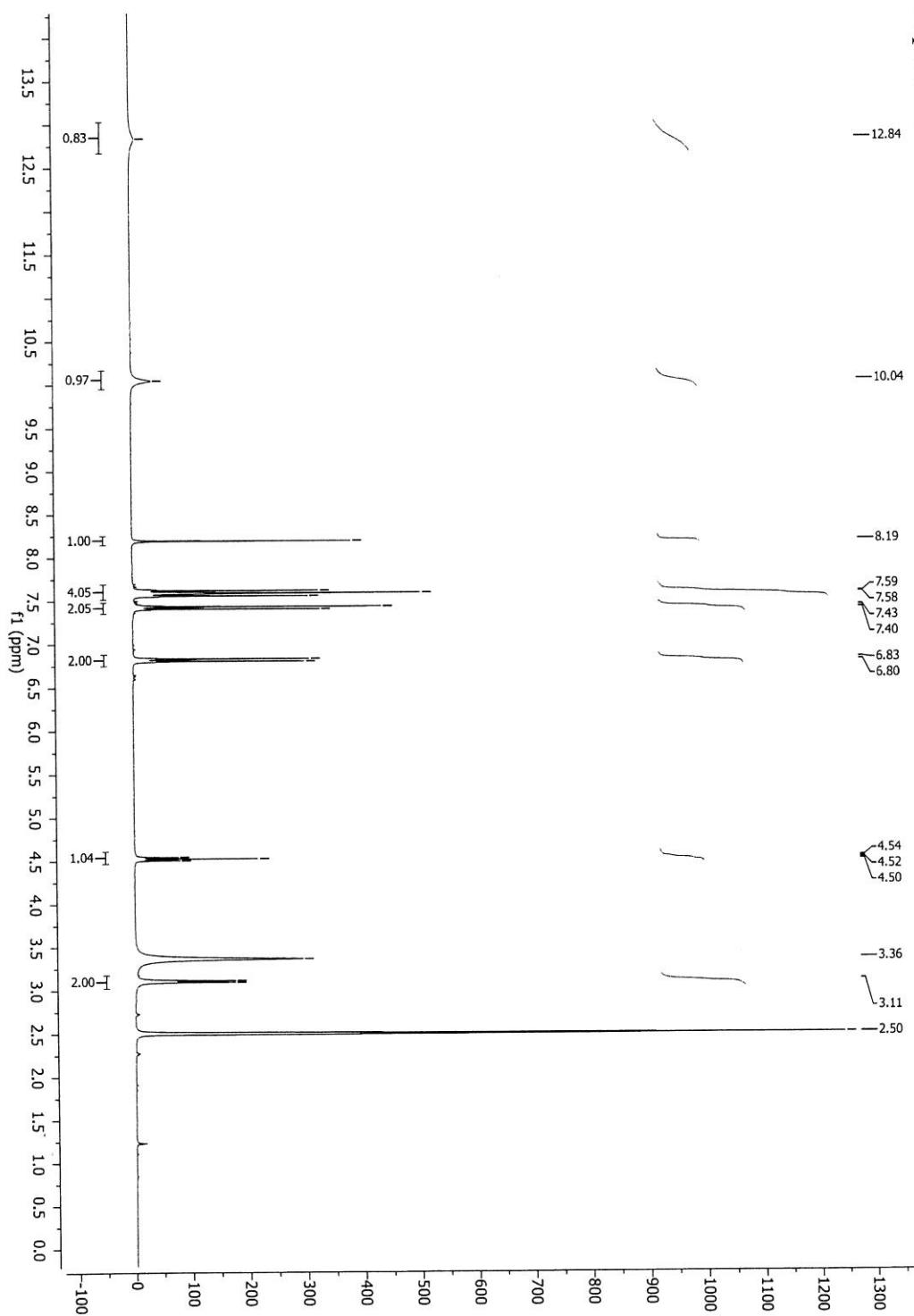


Fig. S73. ¹H NMR spectrum for compound 83

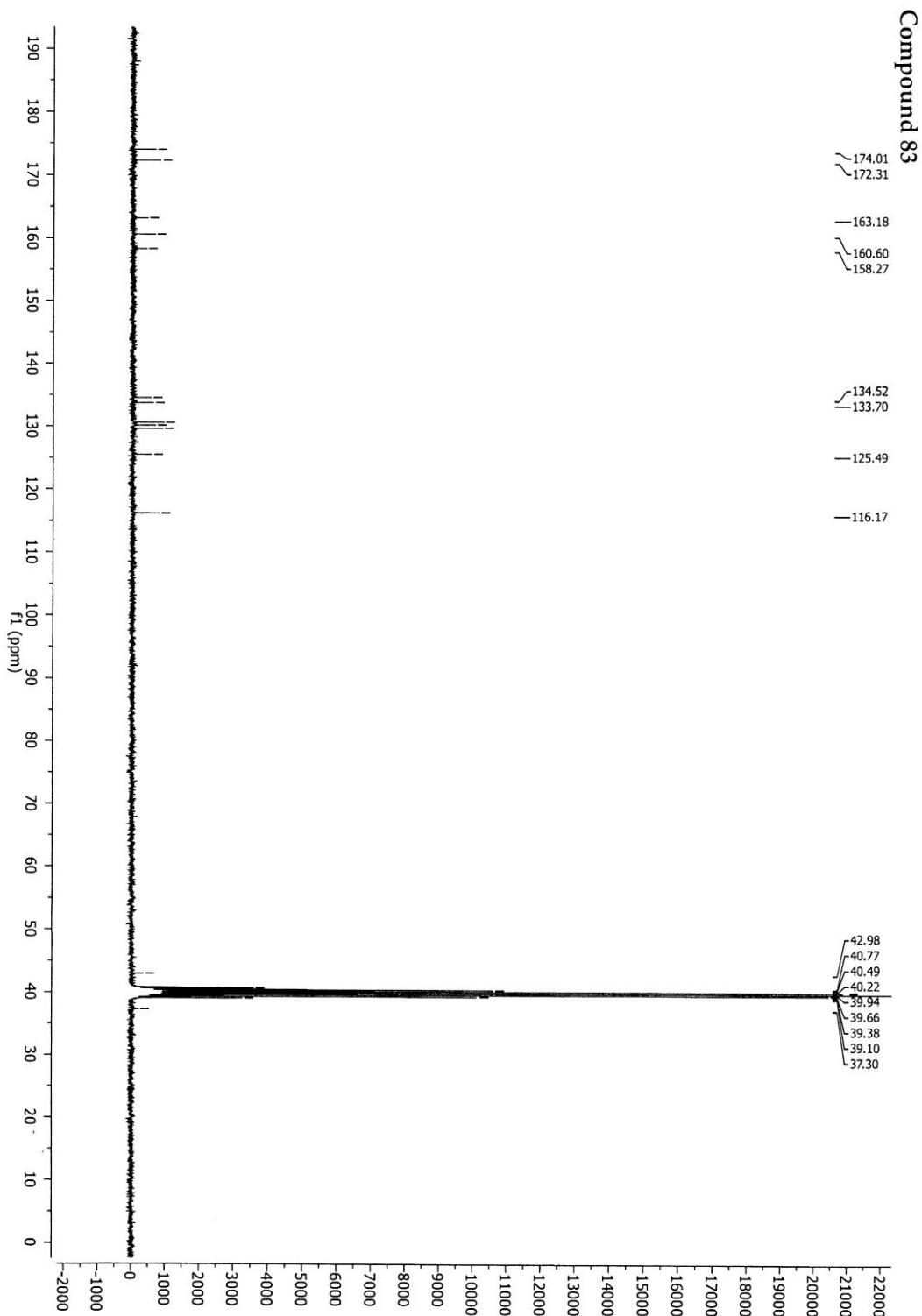


Fig. S74. ^{13}C NMR spectrum for compound 83

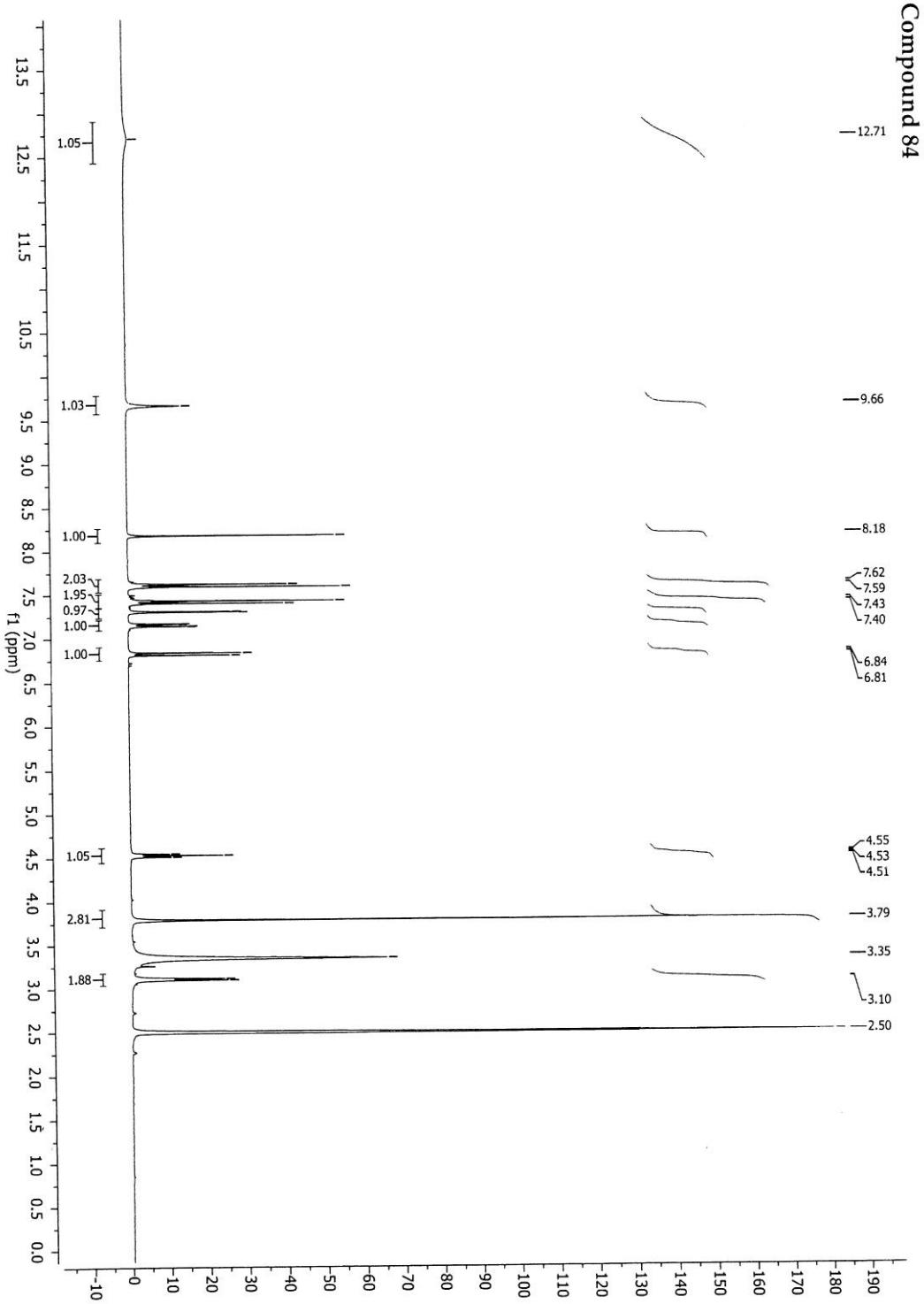


Fig. S75. ^1H NMR spectrum for compound 84

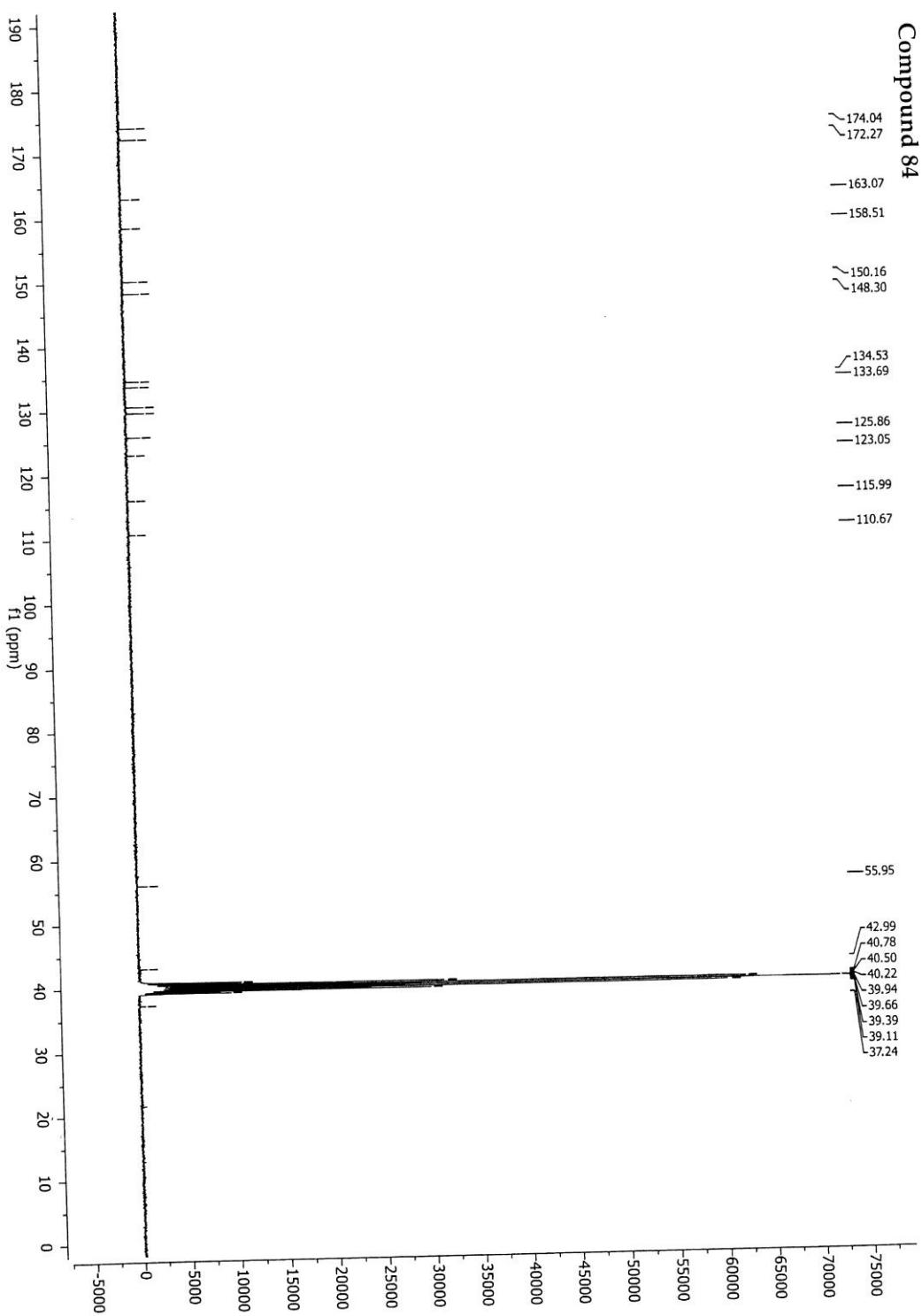


Fig. S76. ^{13}C NMR spectrum for compound 84

Compound 85

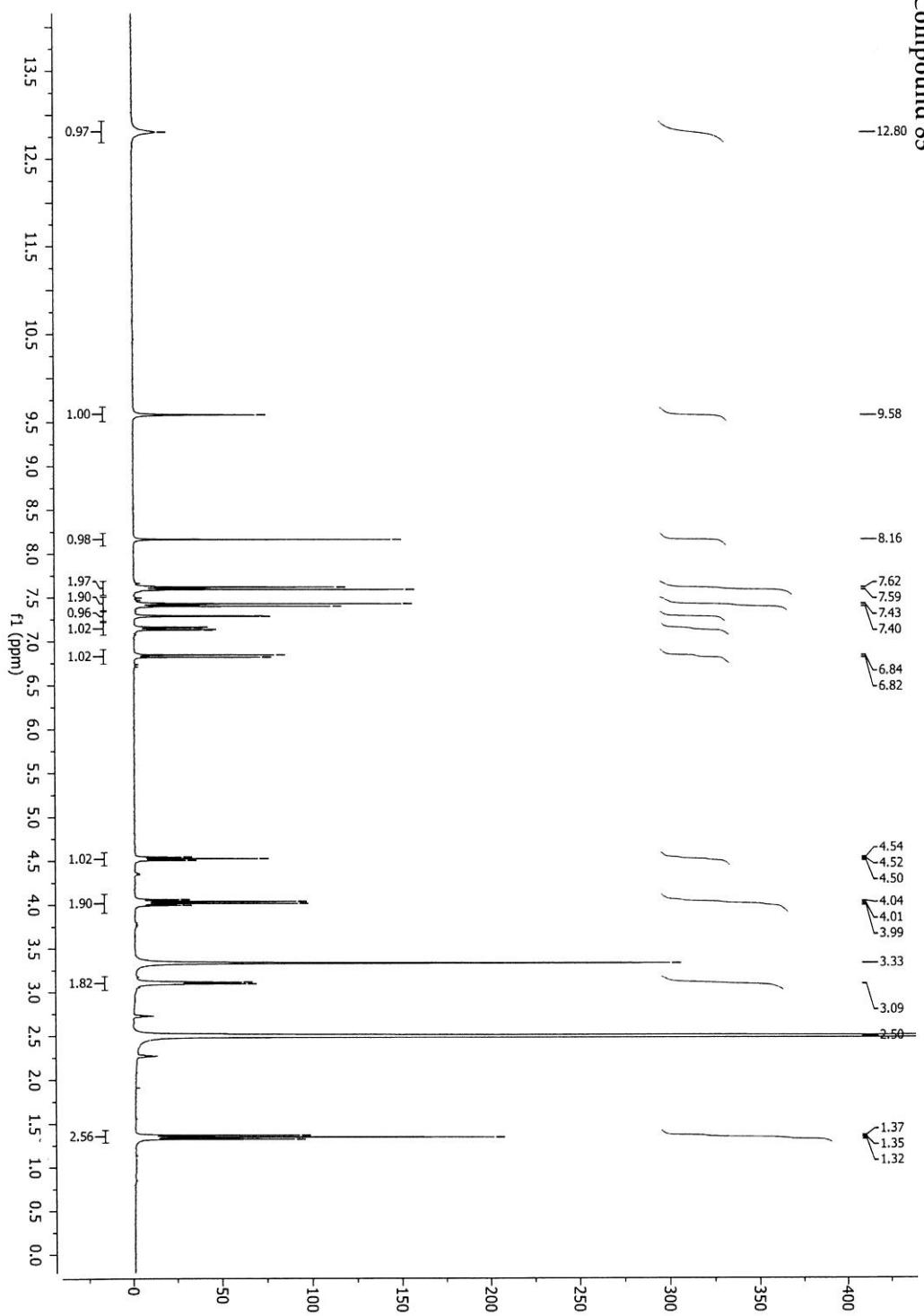


Fig. S77. ¹H NMR spectrum for compound 85

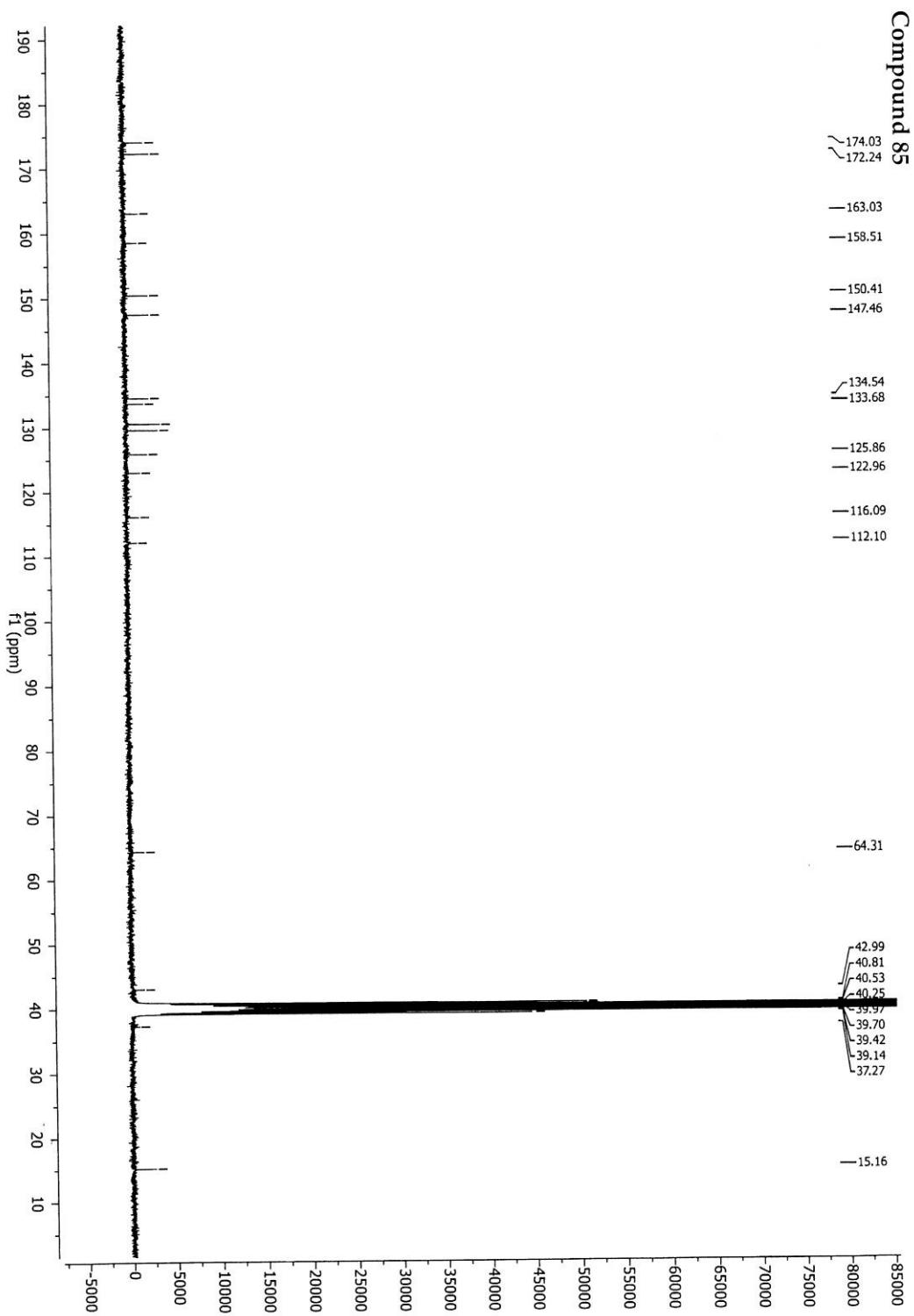


Fig. S78. ^{13}C NMR spectrum for compound 85

Compound 86

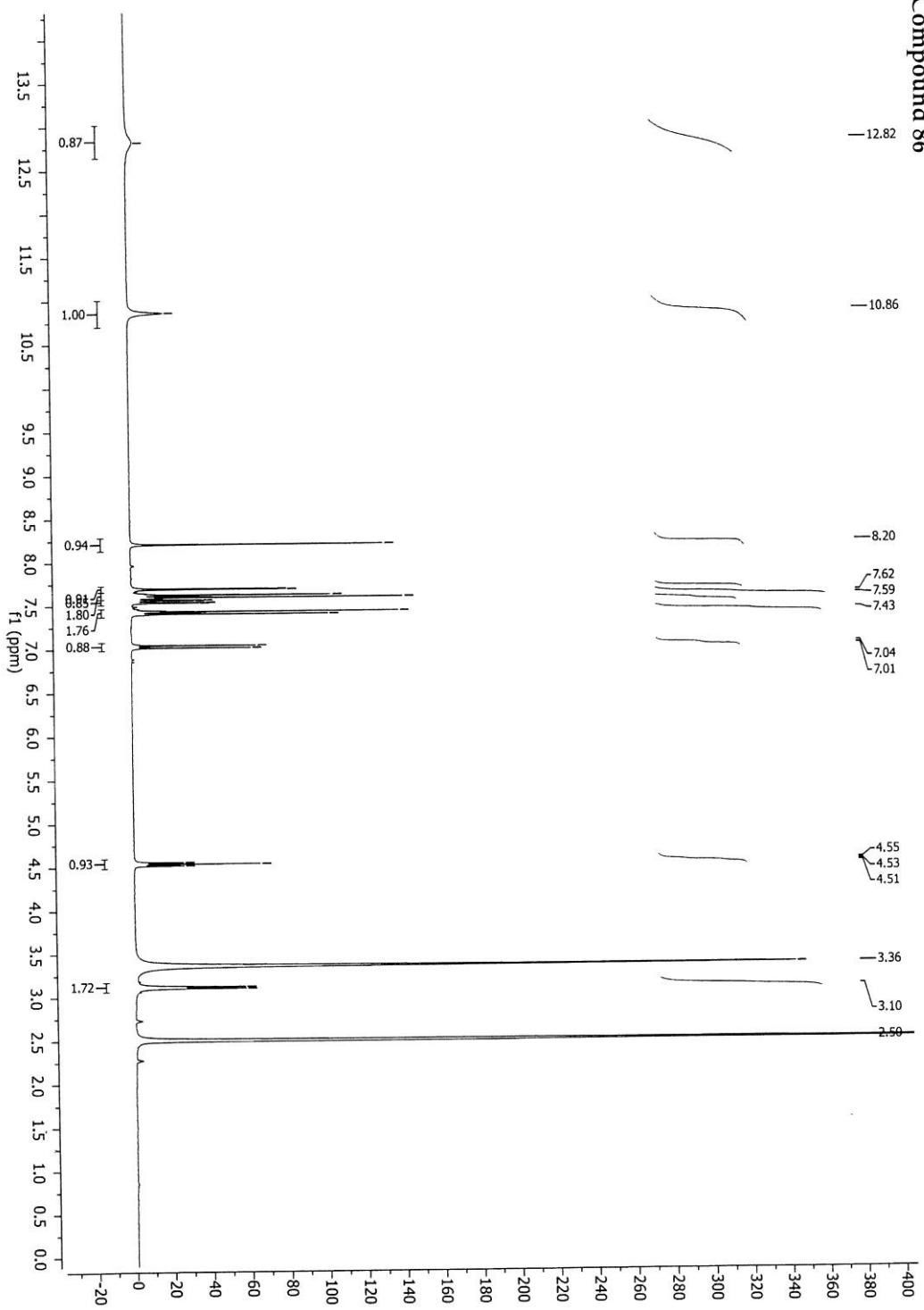


Fig. S79. ¹H NMR spectrum for compound 86

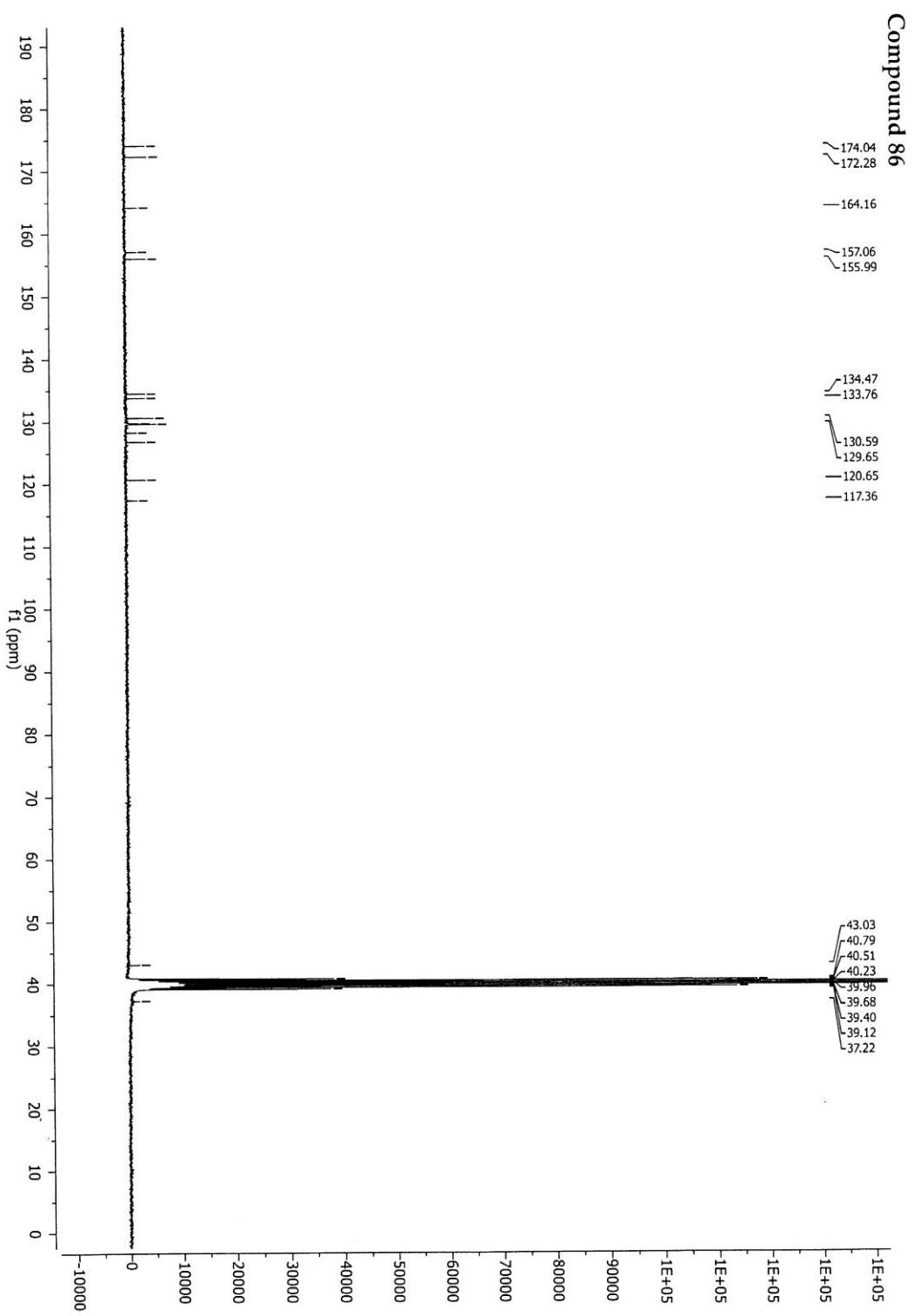


Fig. S80. ^{13}C NMR spectrum for compound 86

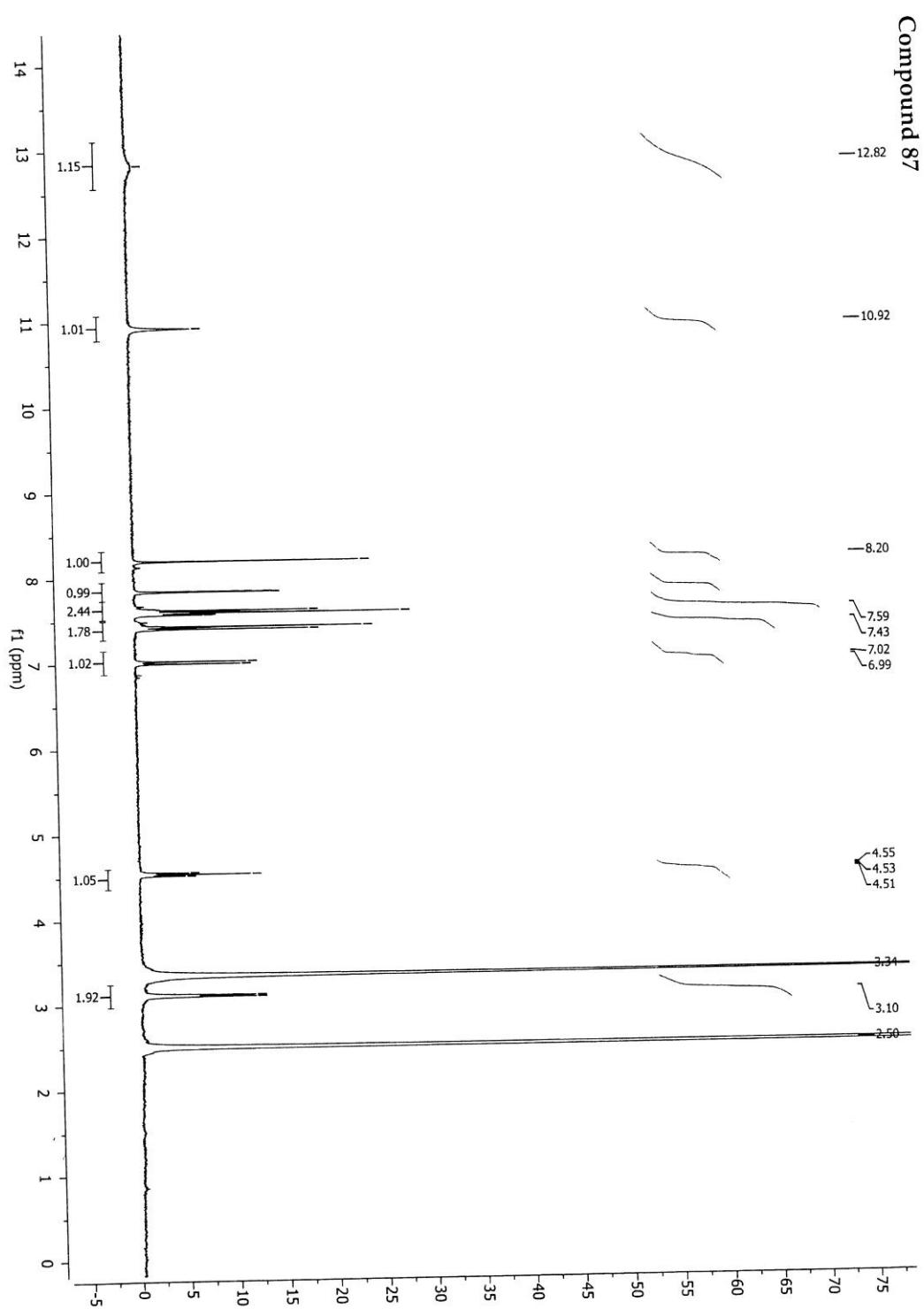


Fig. S81. ^1H NMR spectrum for compound 87

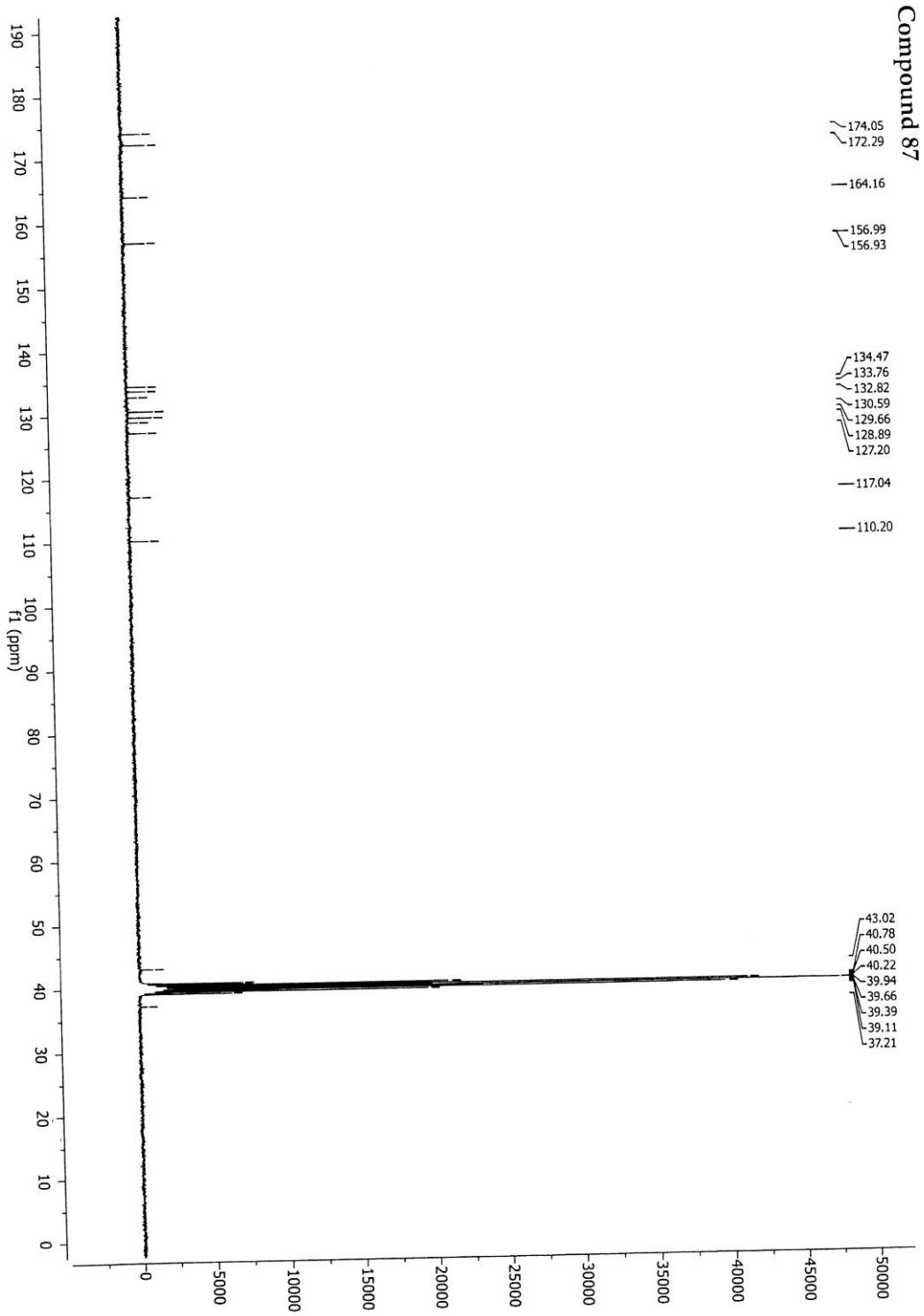


Fig. S82. ¹³C NMR spectrum for compound 87

Compound 88

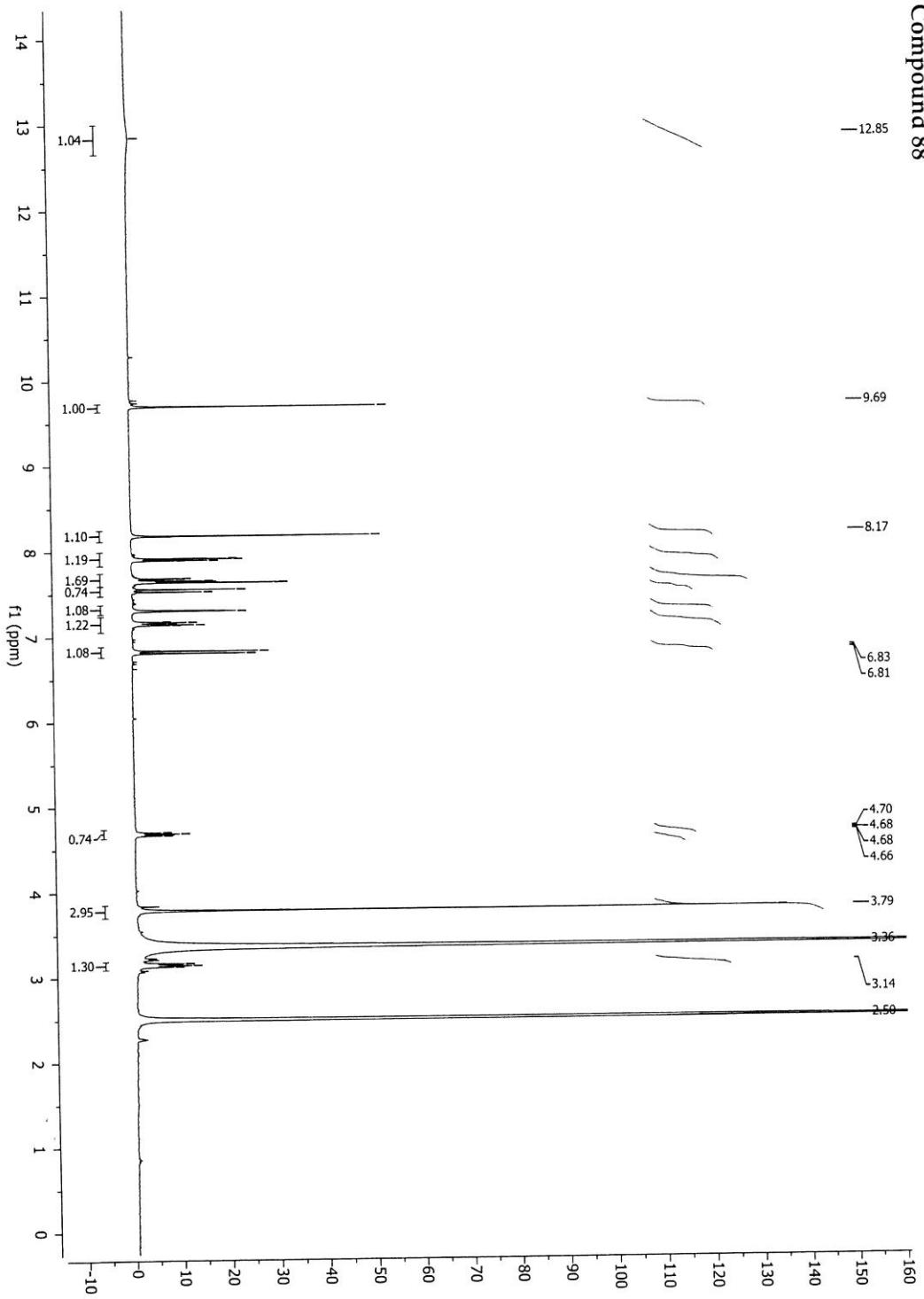


Fig. S83. ¹H NMR spectrum for compound 88

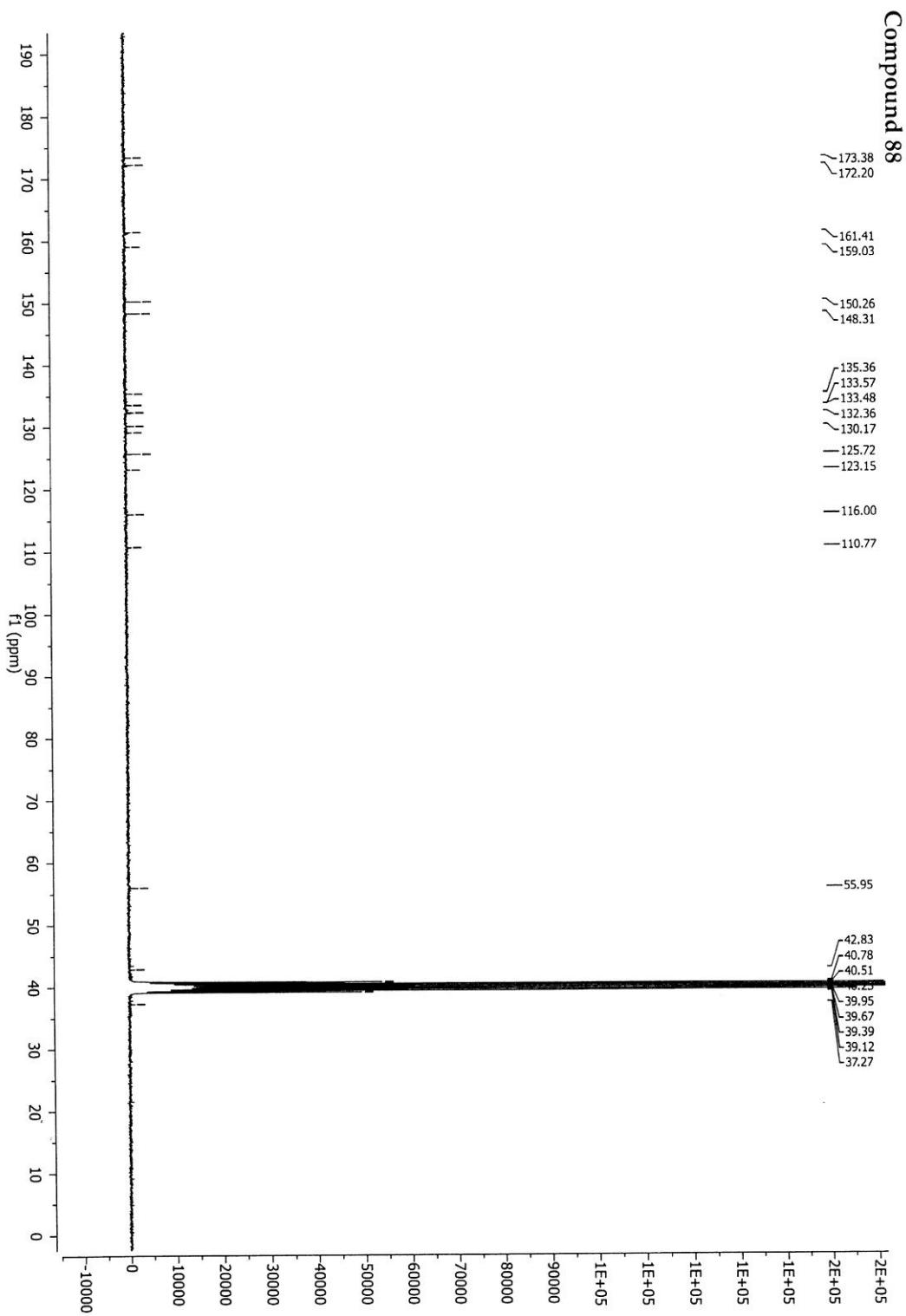


Fig. S84. ^{13}C NMR spectrum for compound 88

Compound 89

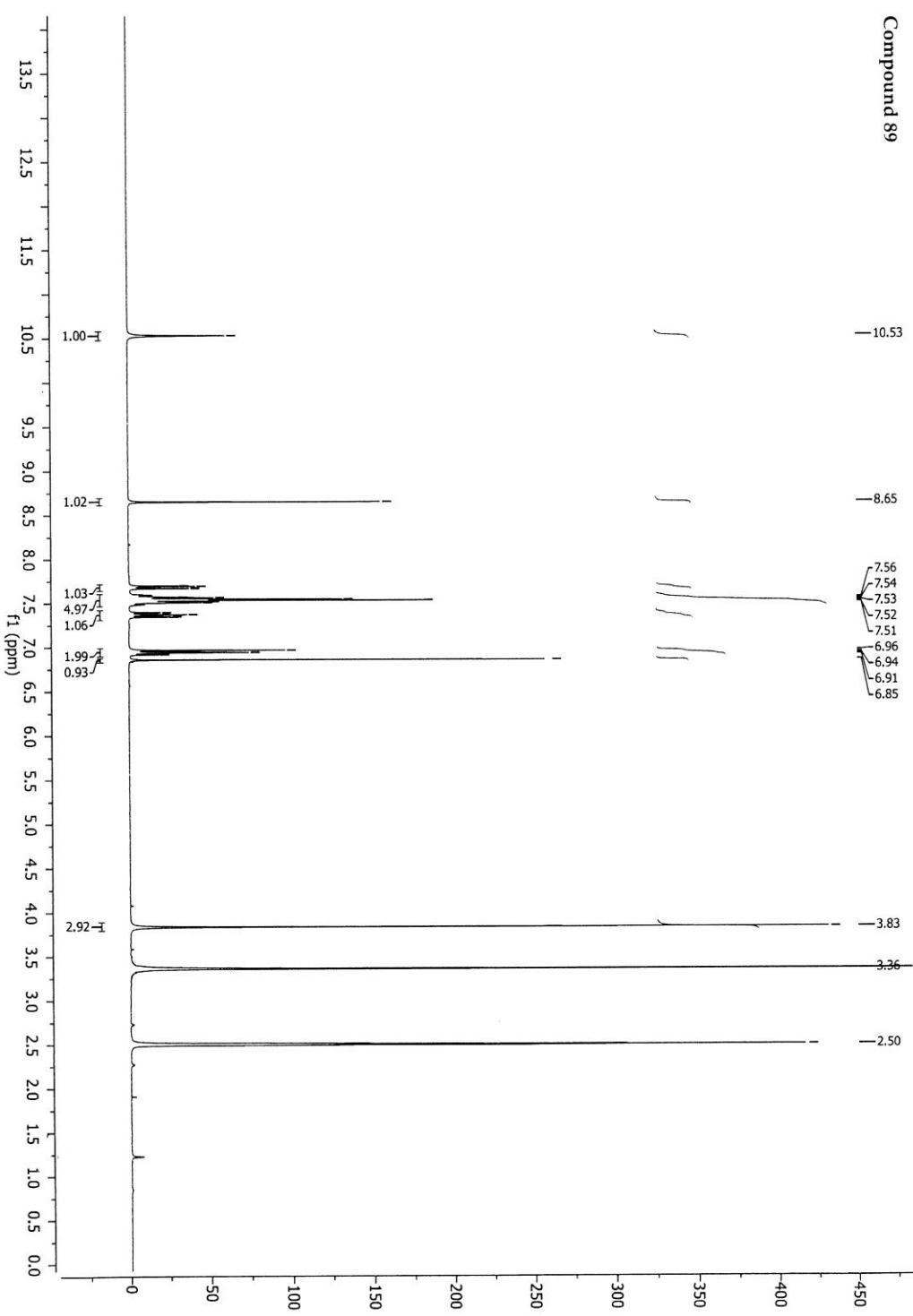


Fig. S85. ¹H NMR spectrum for compound 89

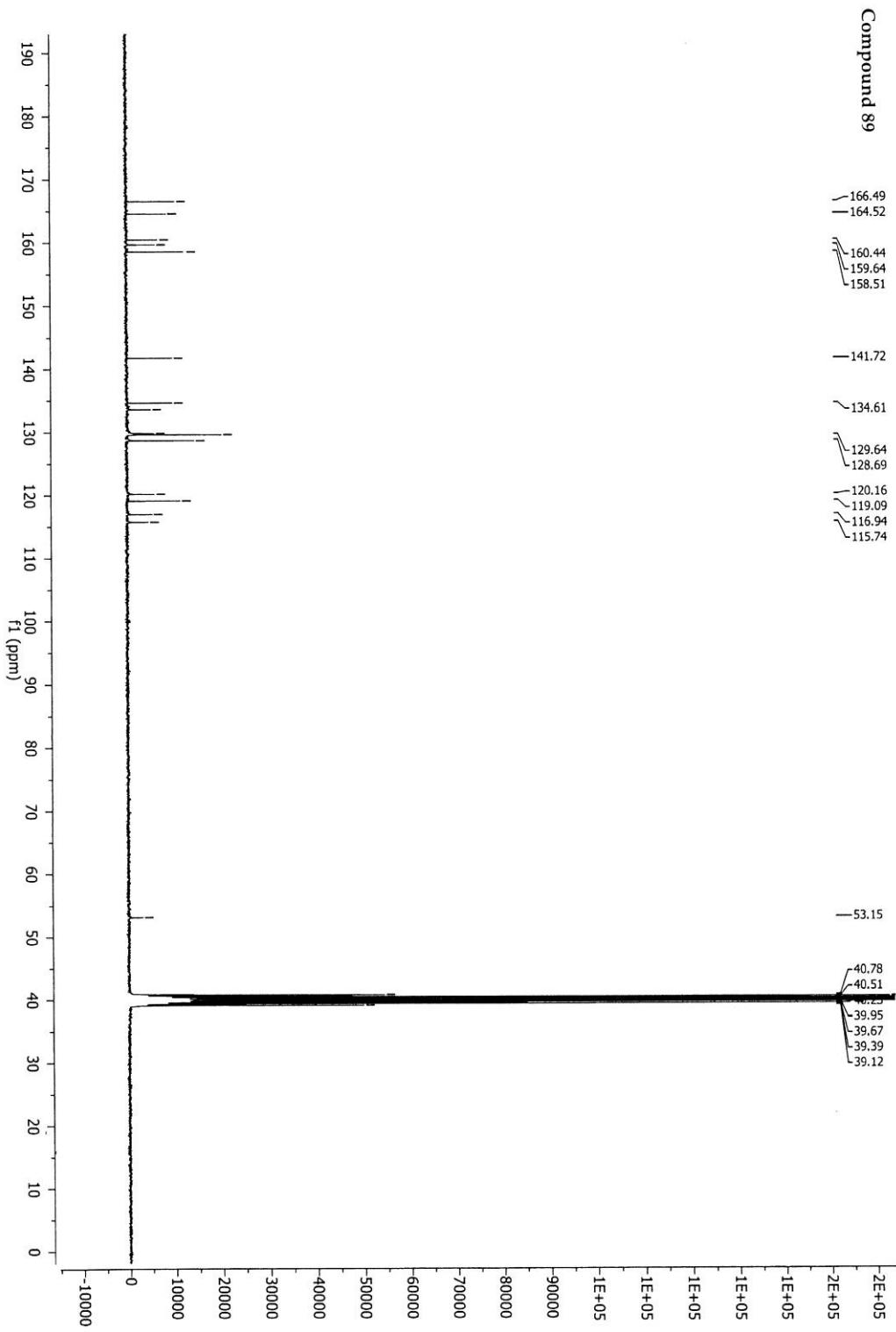


Fig. S86. ^{13}C NMR spectrum for compound 89

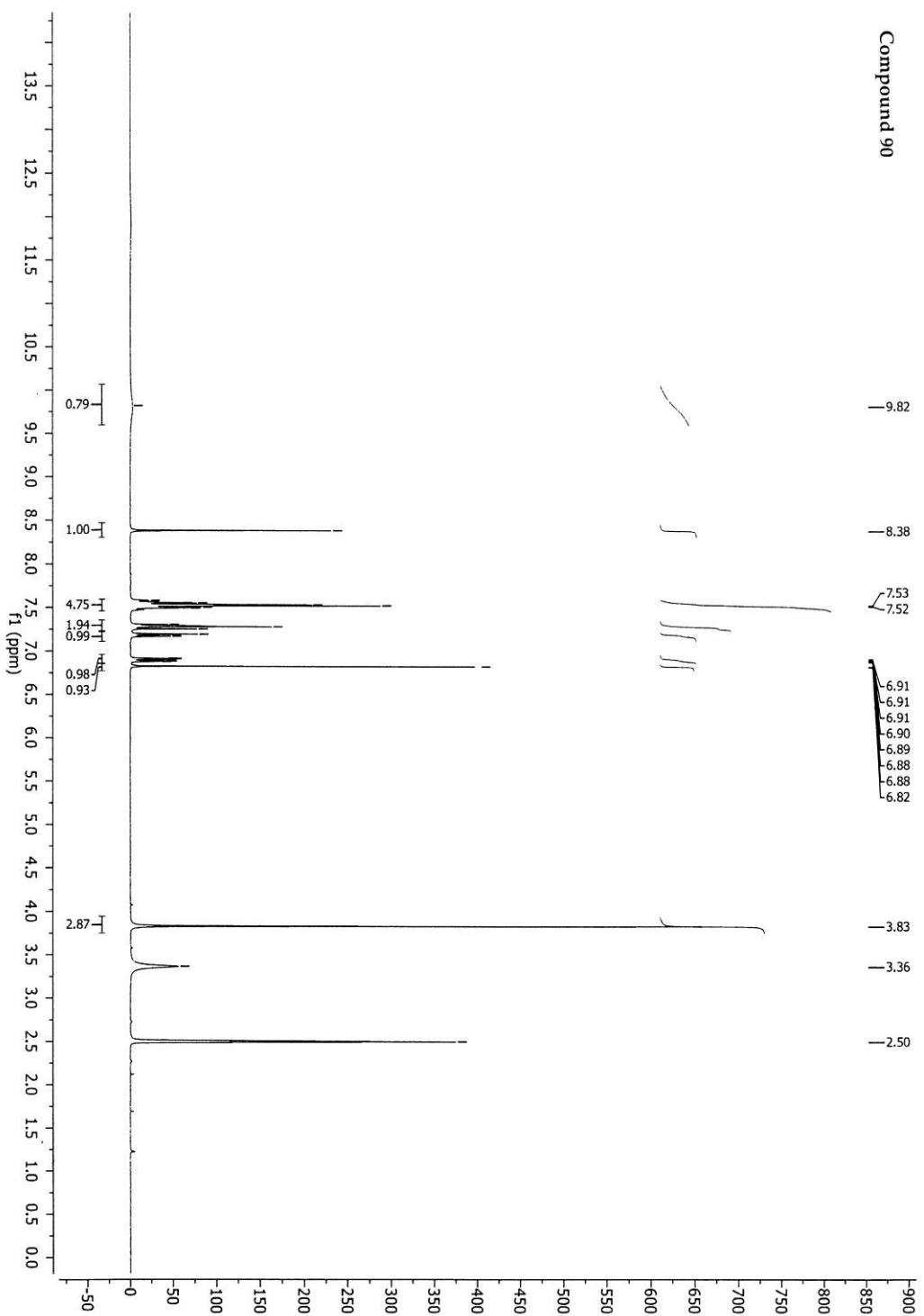


Fig. S87. ^1H NMR spectrum for compound 90

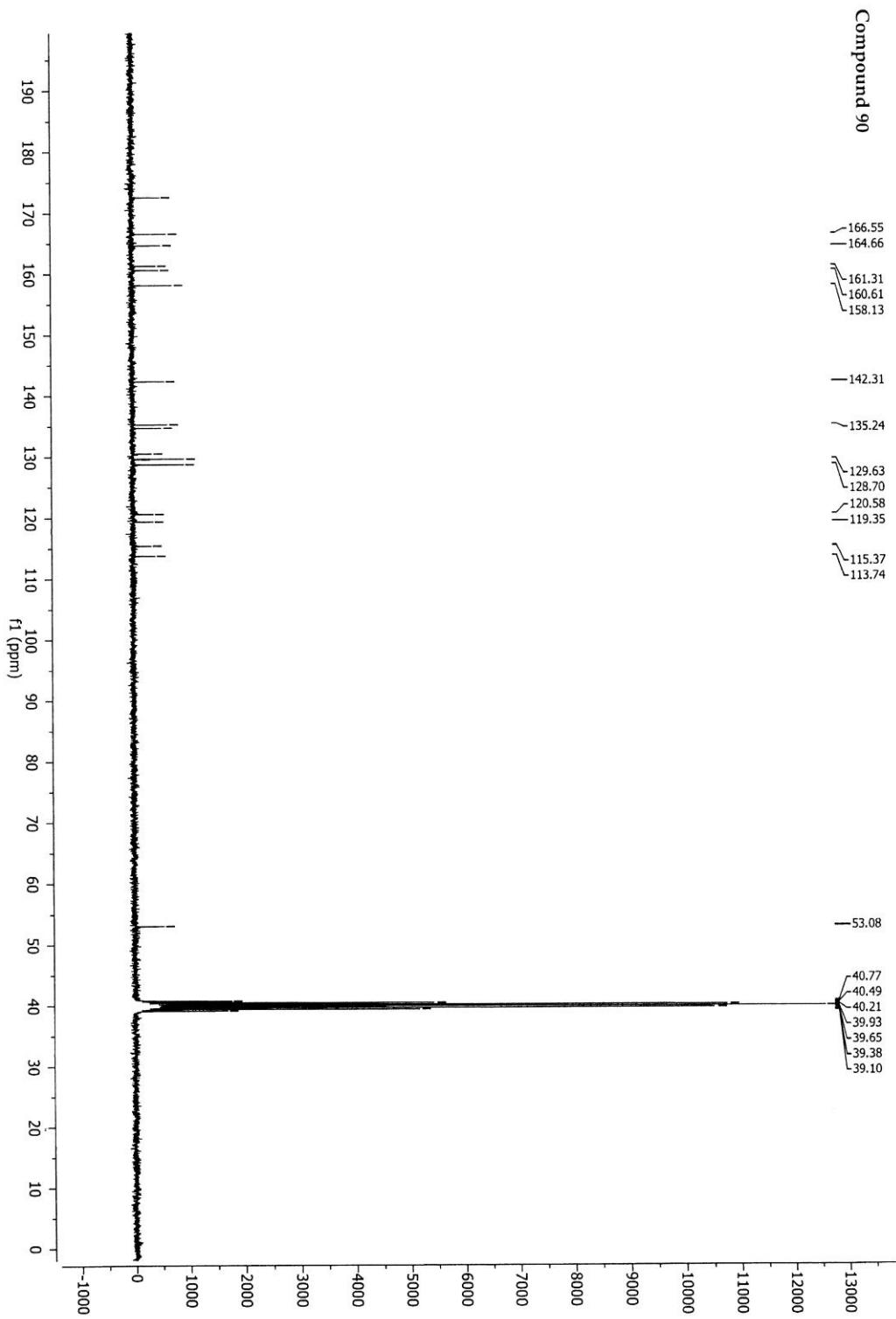


Fig. S88. ^{13}C NMR spectrum for compound 90

Compound 91

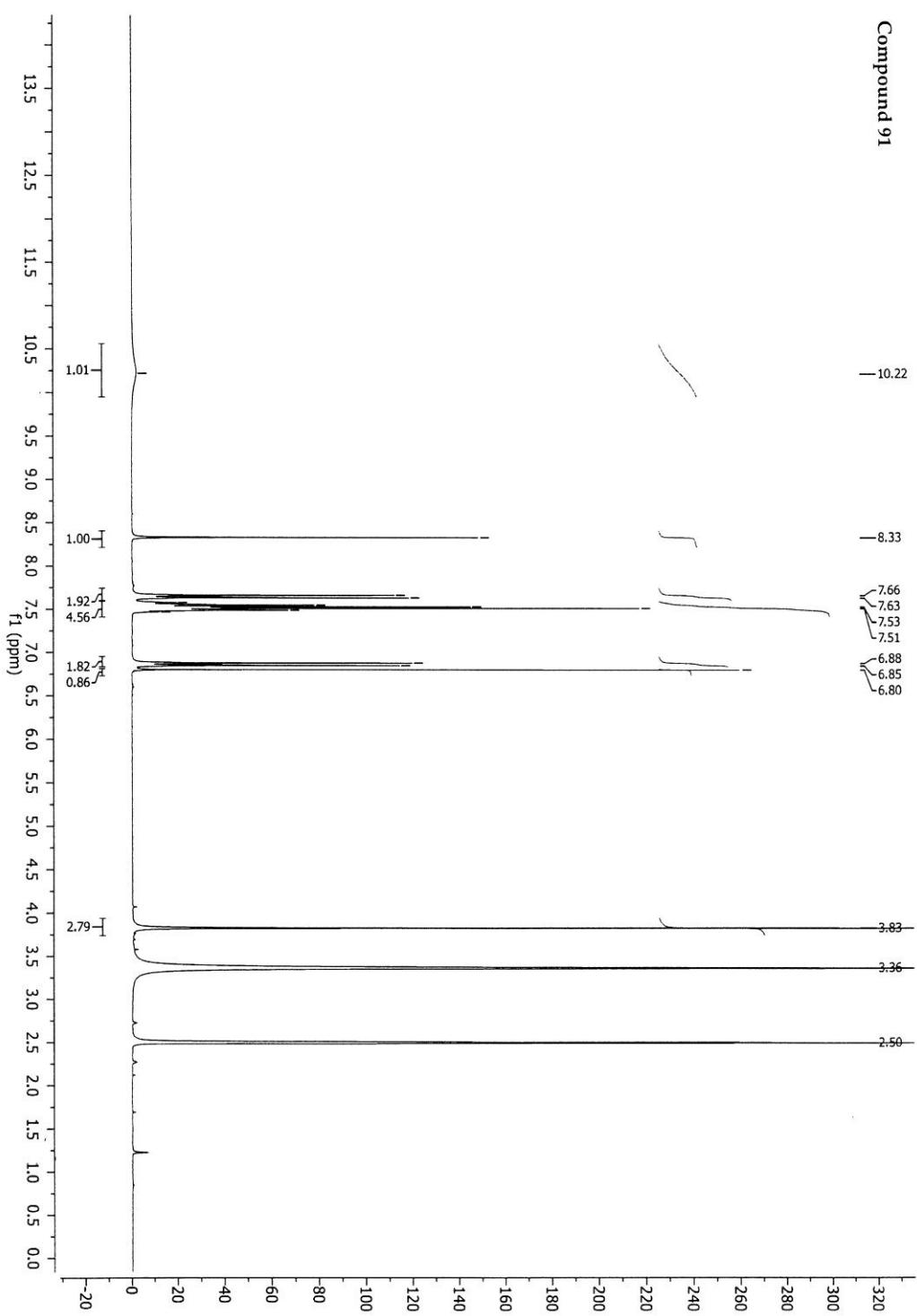


Fig. S89. ¹H NMR spectrum for compound 91

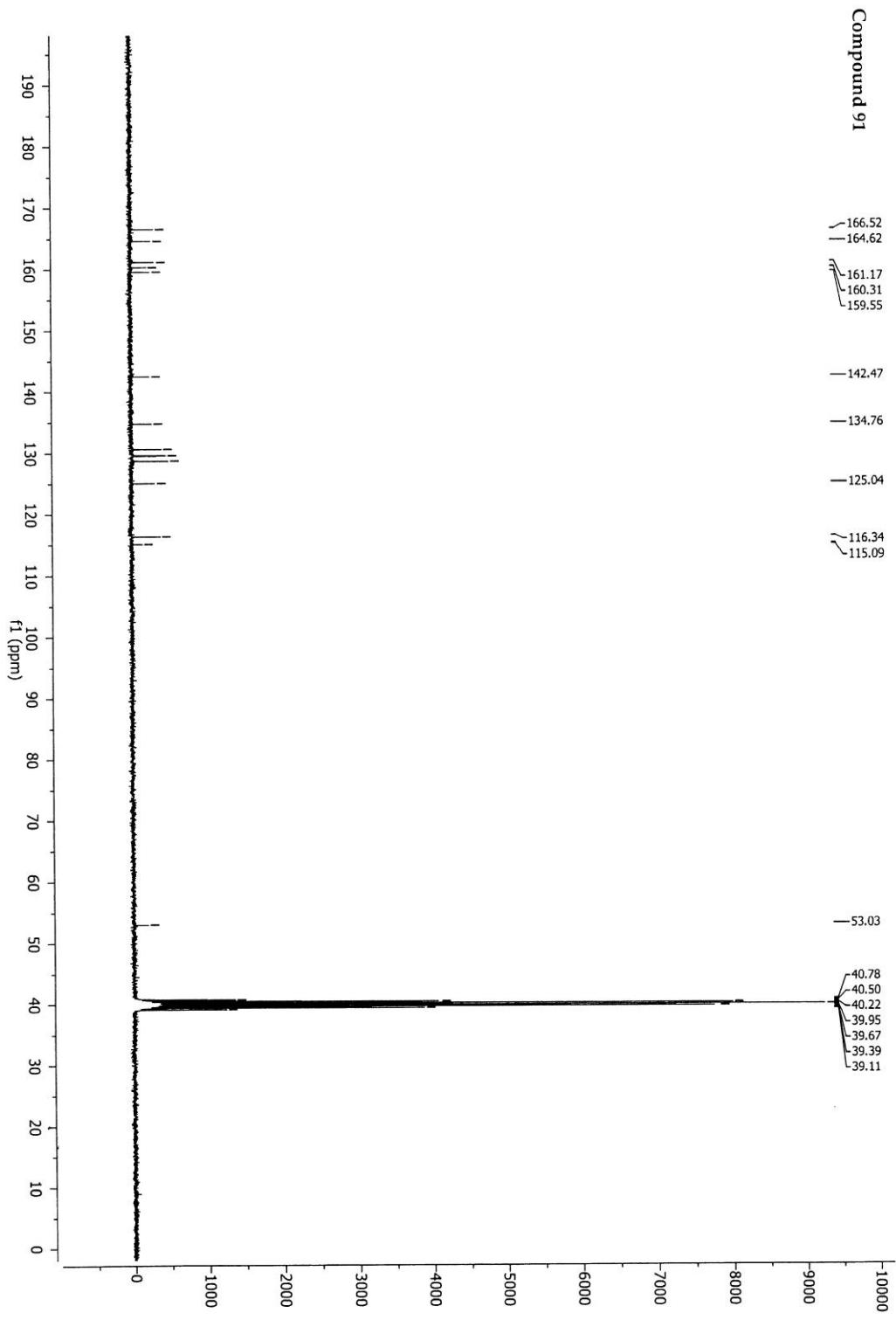


Fig. S90. ^{13}C NMR spectrum for compound 91

Compound 92

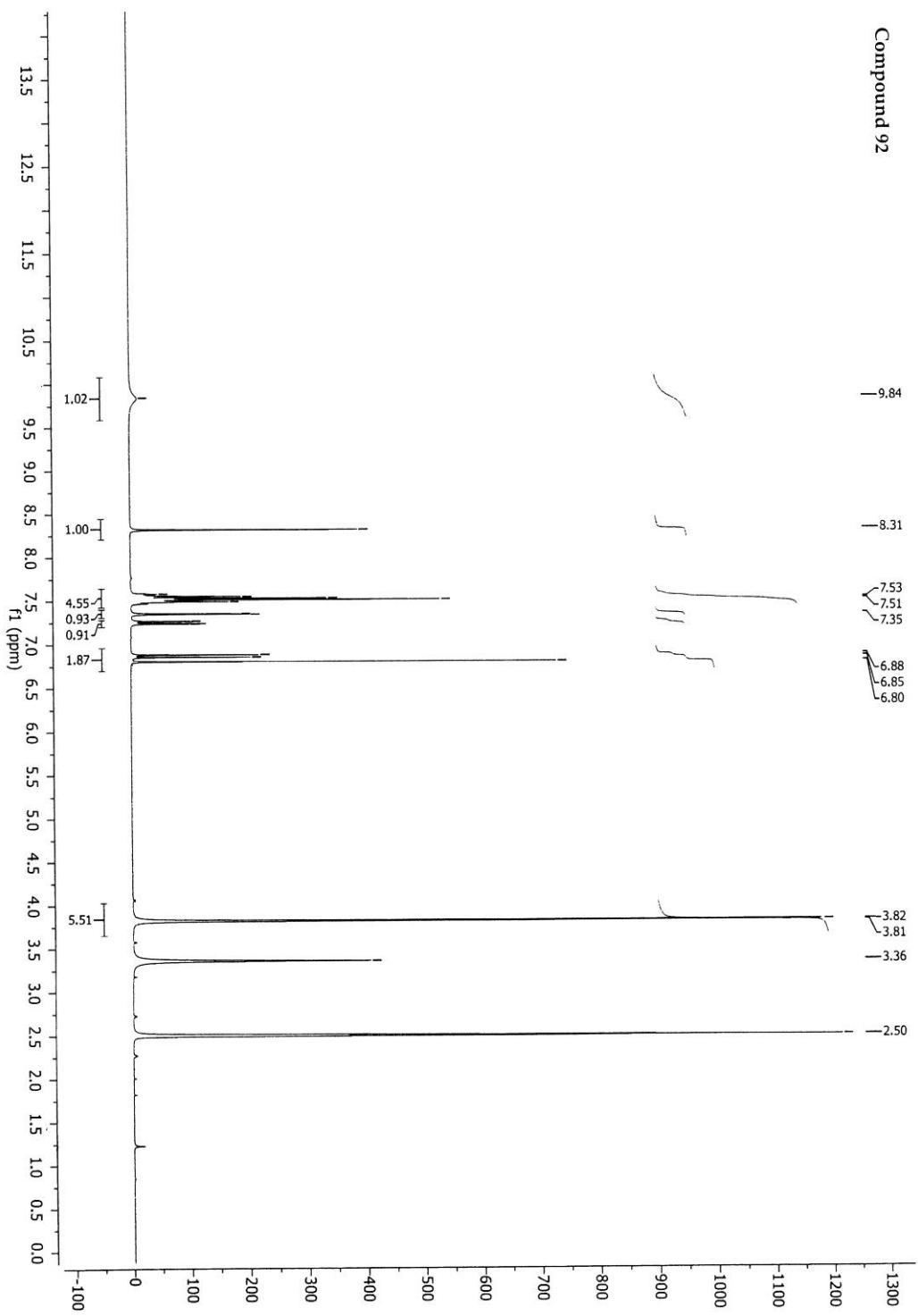


Fig. S91. ¹H NMR spectrum for compound 92

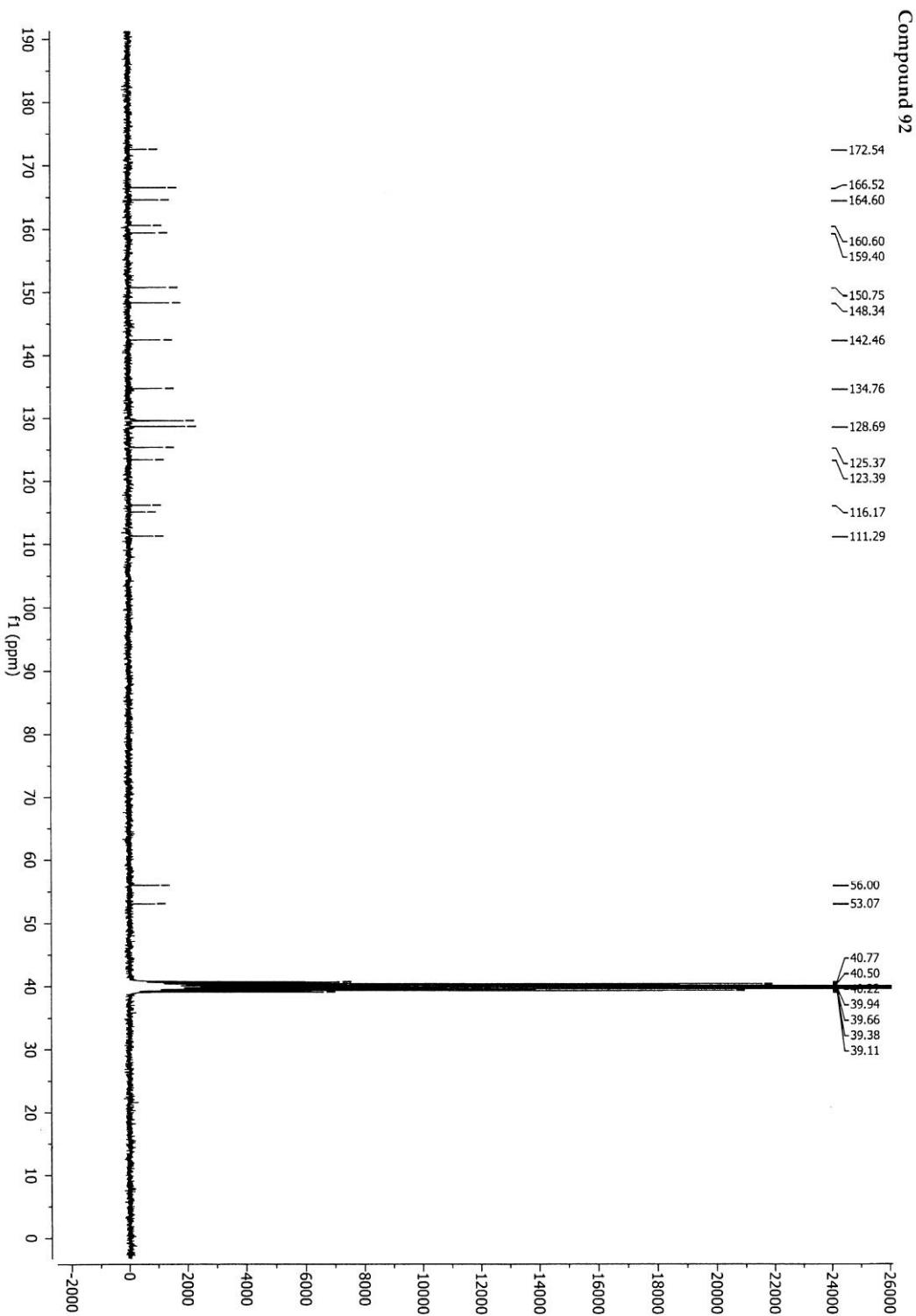


Fig. S92. ^{13}C NMR spectrum for compound 92

Compound 93

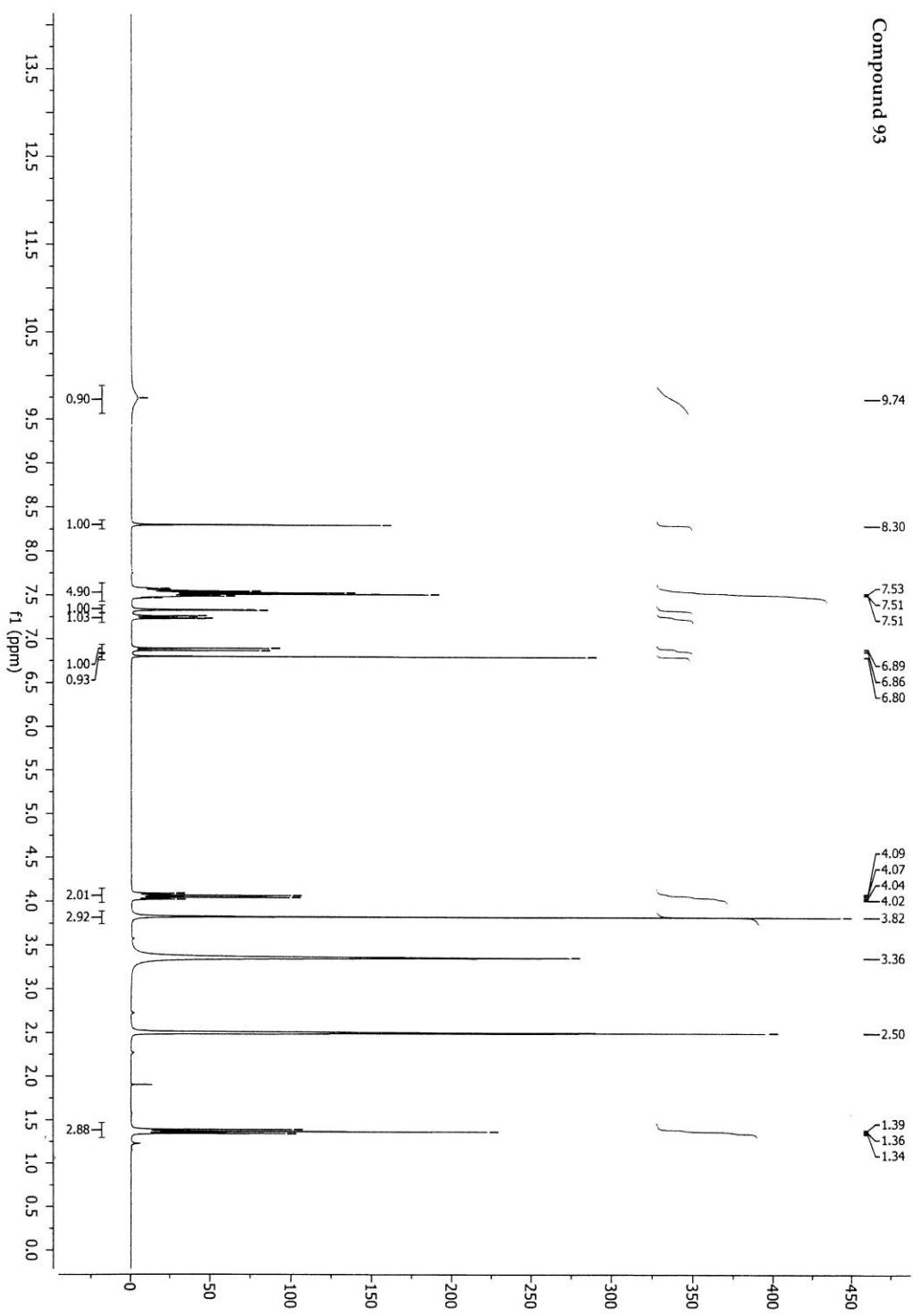


Fig. S93. ¹H NMR spectrum for compound 93

Compound 93

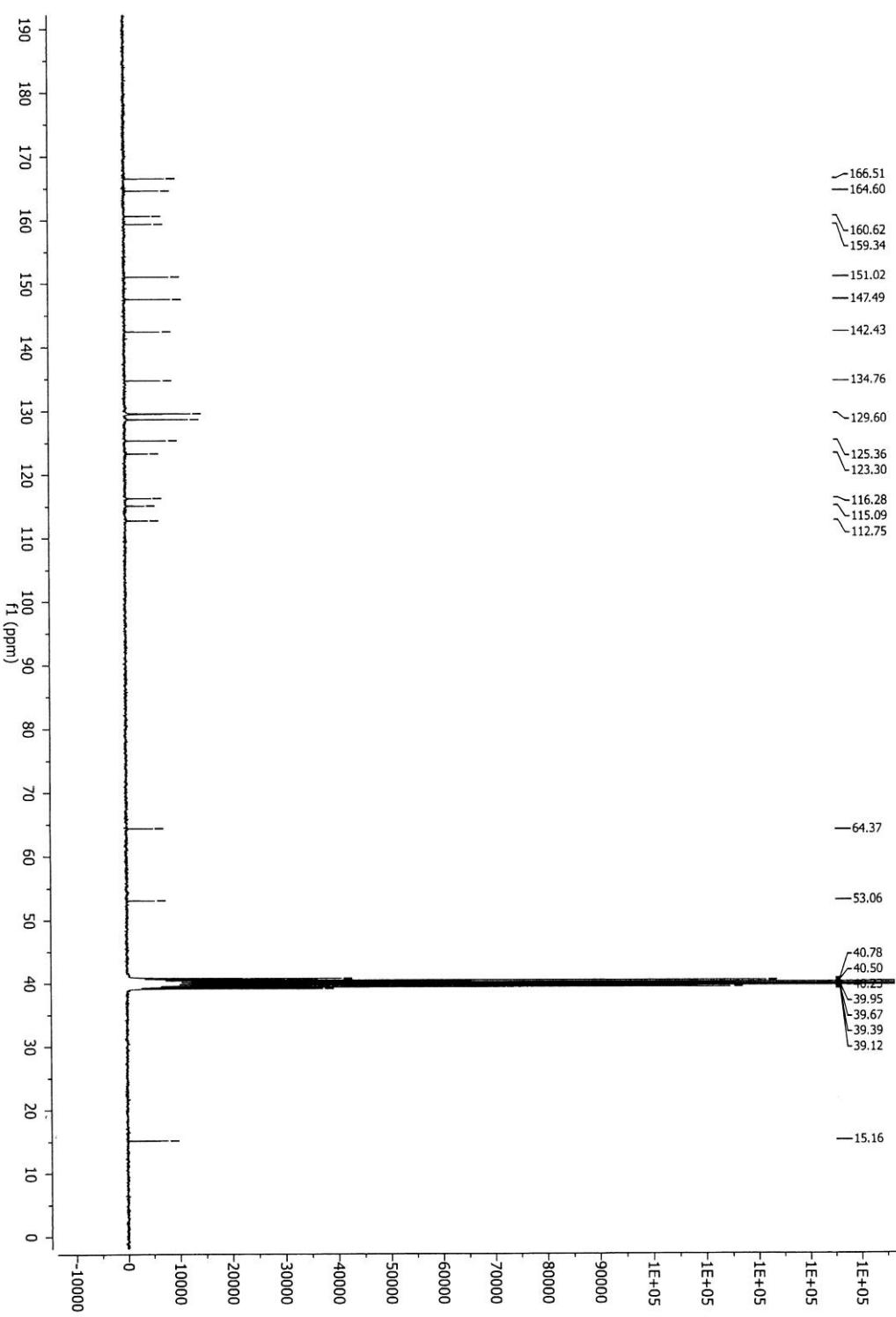


Fig. S94. ¹³C NMR spectrum for compound 93

Compound 94

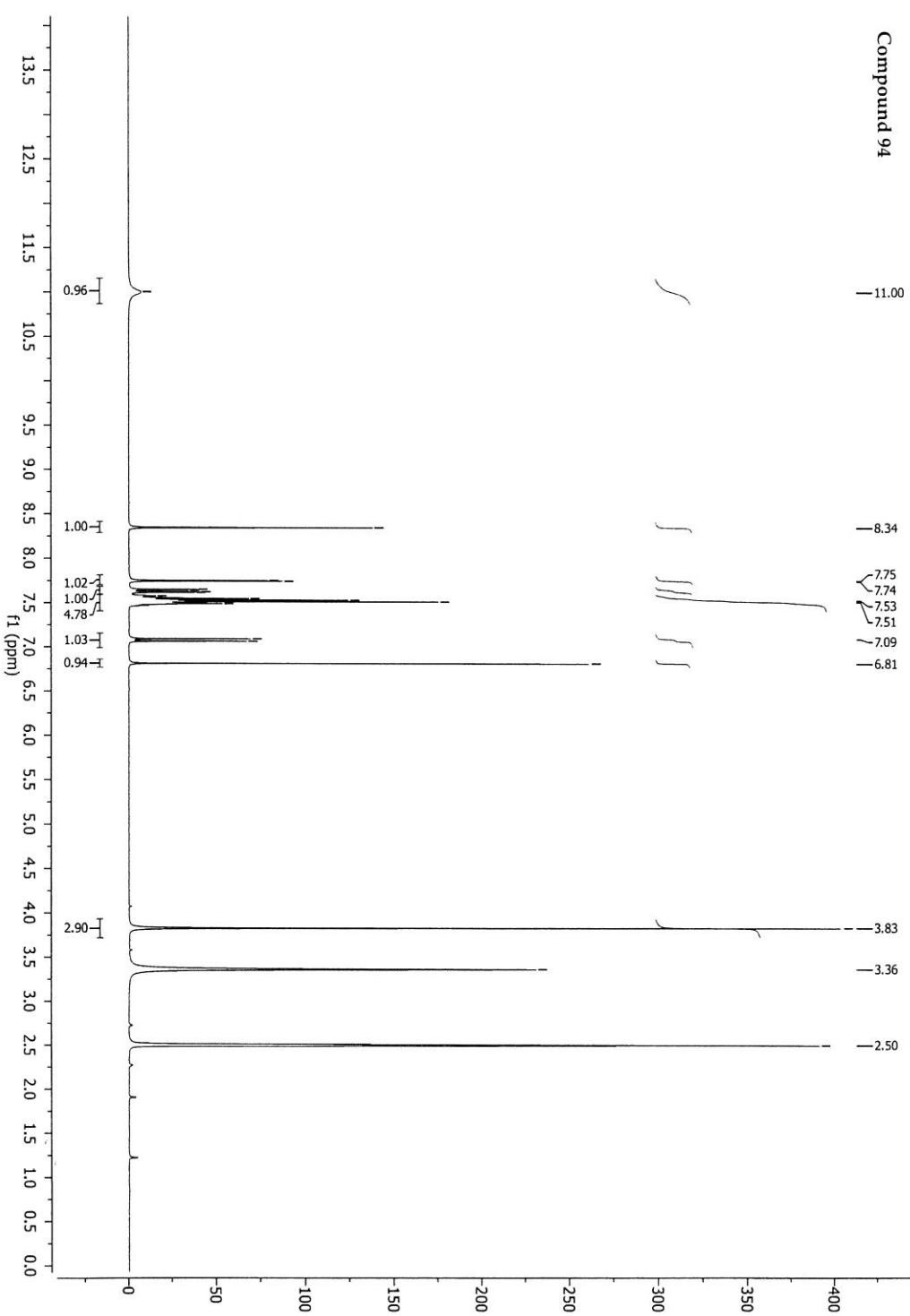


Fig. S95. ¹H NMR spectrum for compound 94

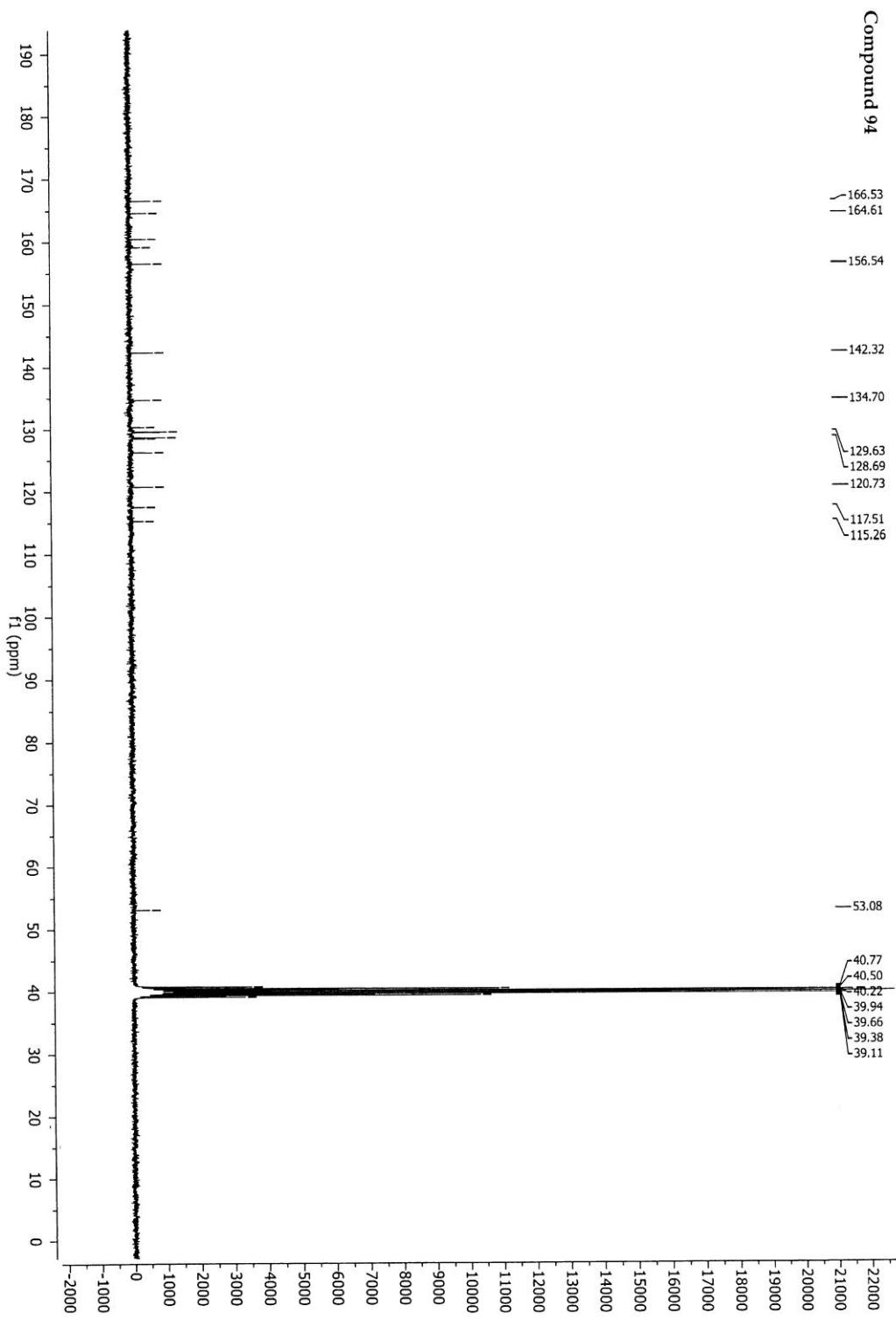


Fig. S96. ^{13}C NMR spectrum for compound 94

Compound 95

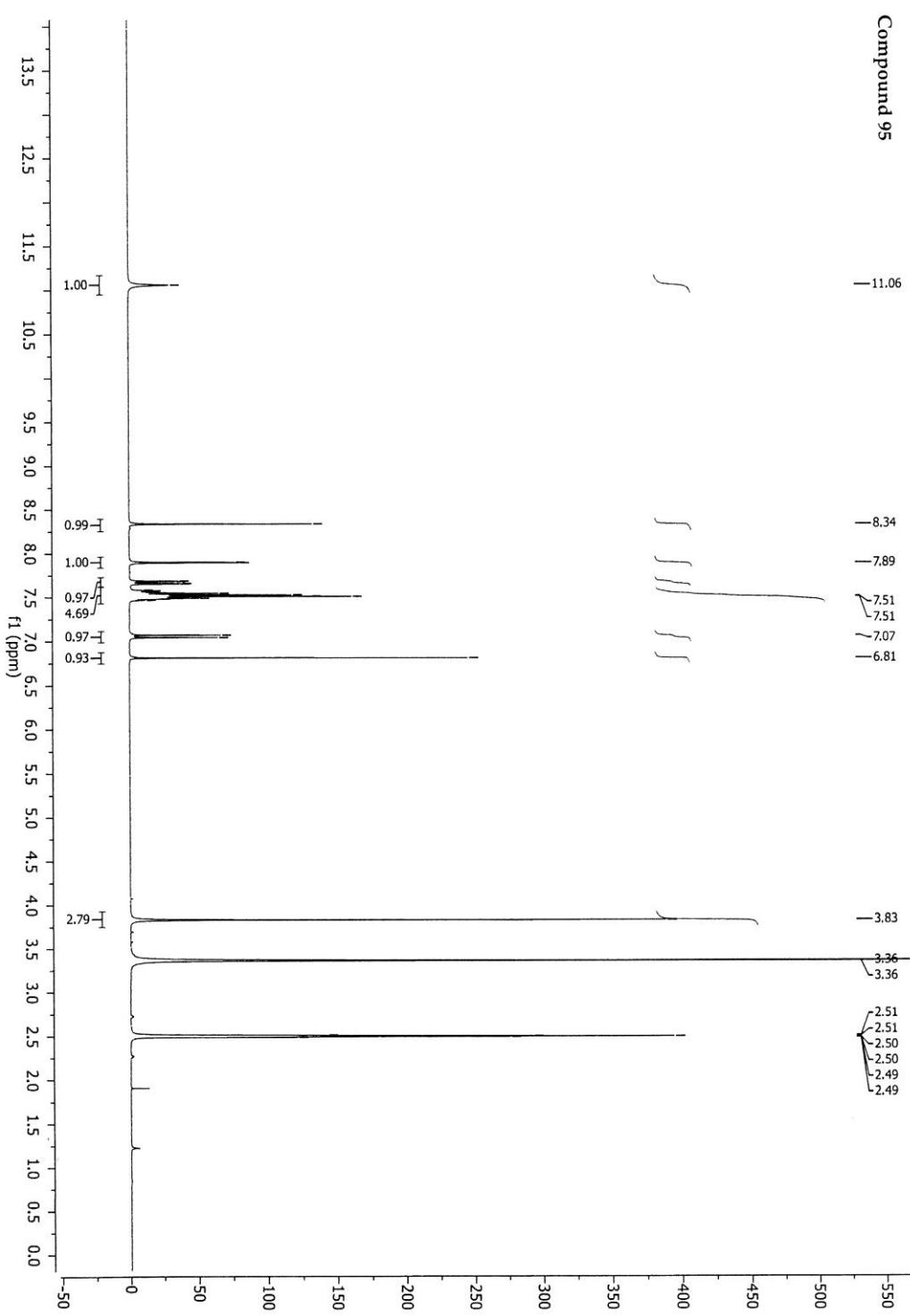


Fig. S97. ¹H NMR spectrum for compound 95

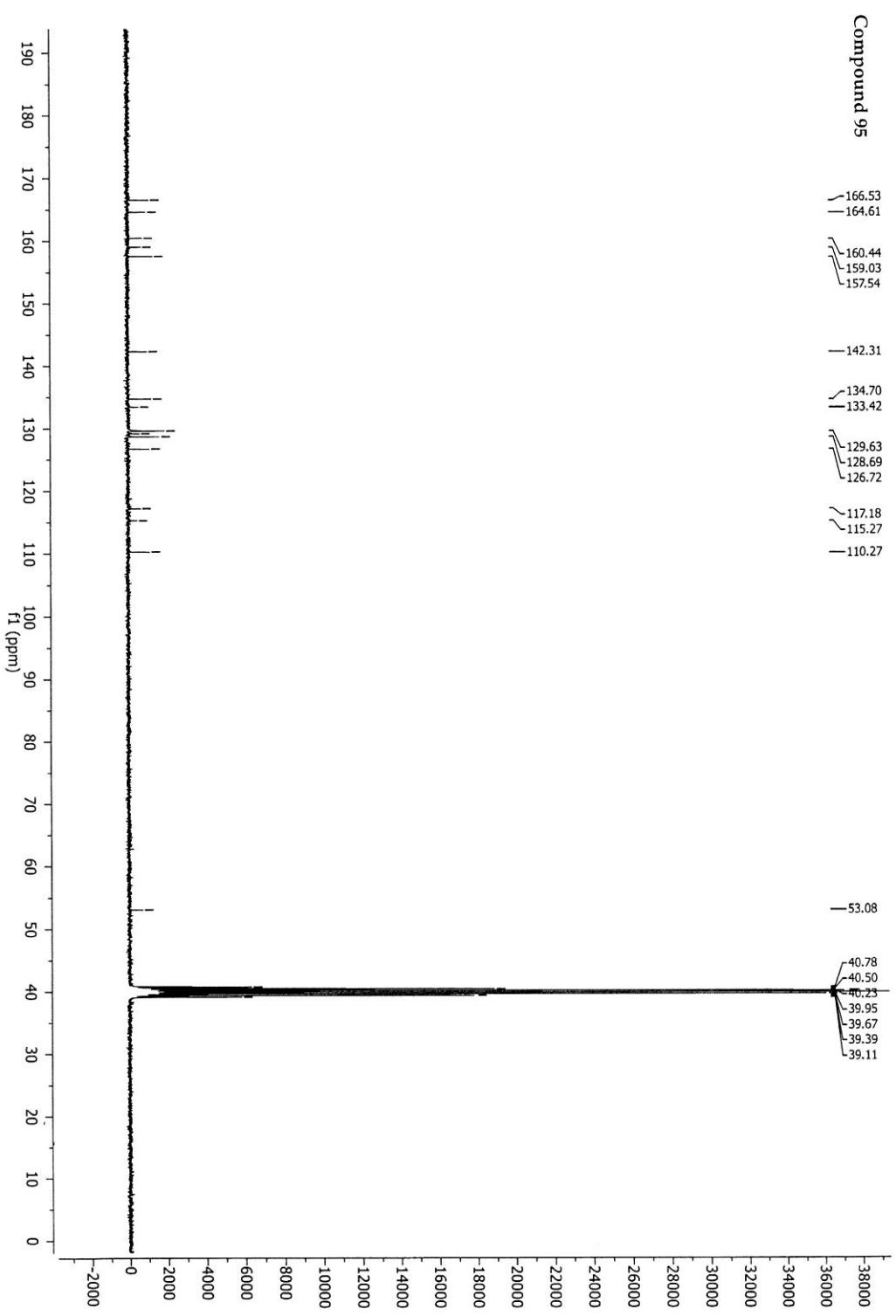


Fig. S98. ^{13}C NMR spectrum for compound 95

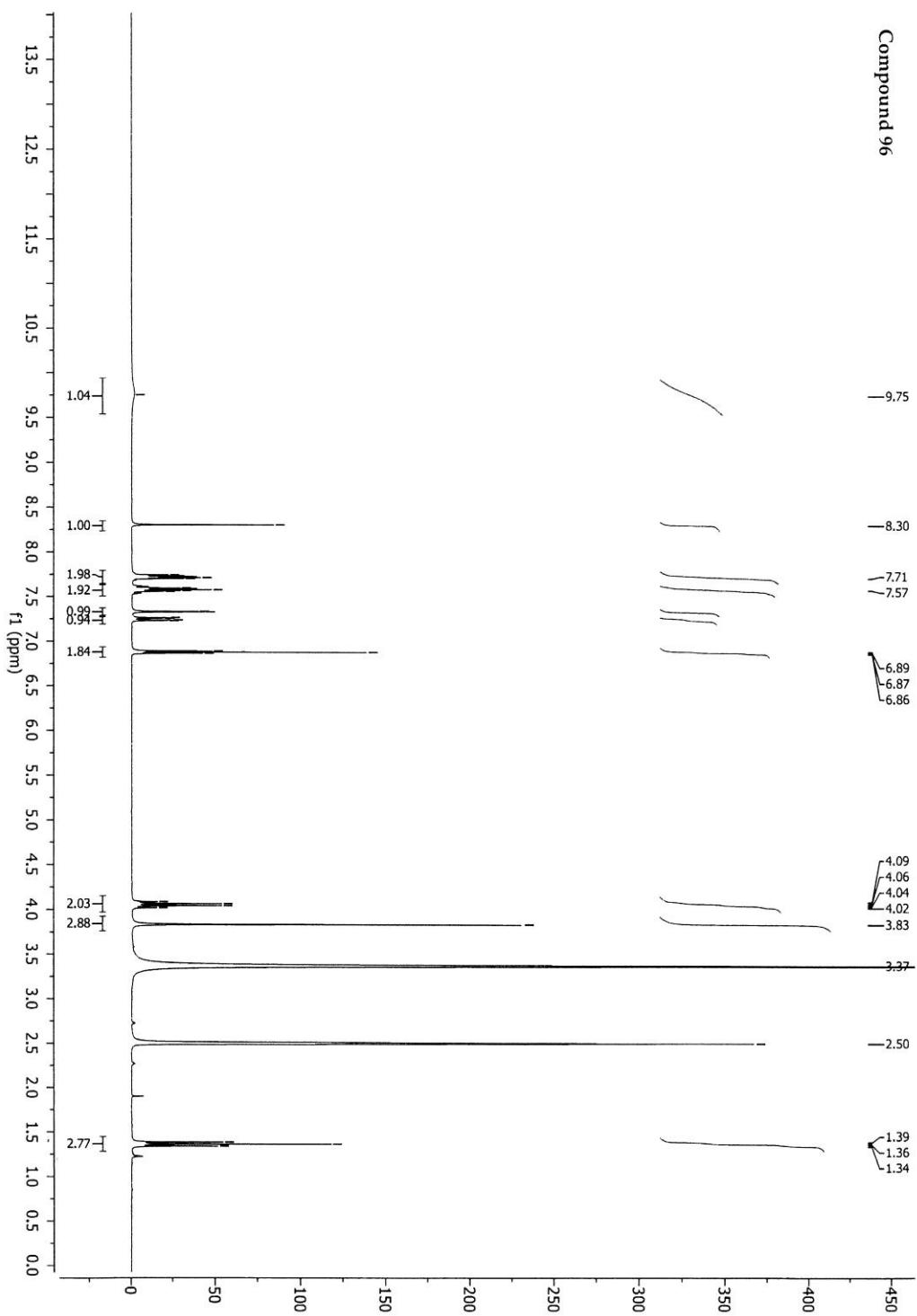


Fig. S99. ^1H NMR spectrum for compound **96**

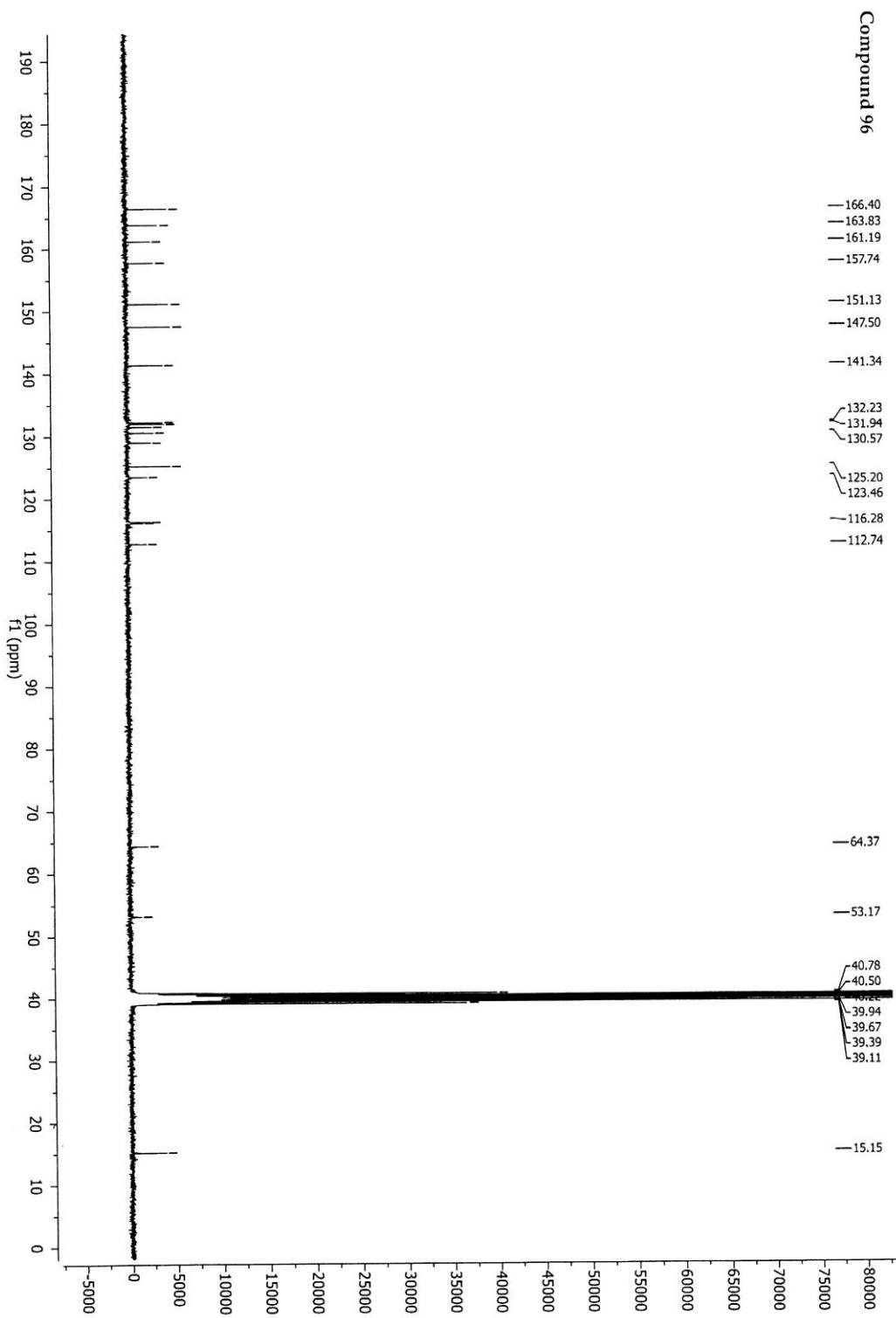


Fig. S100. ¹³C NMR spectrum for compound 96

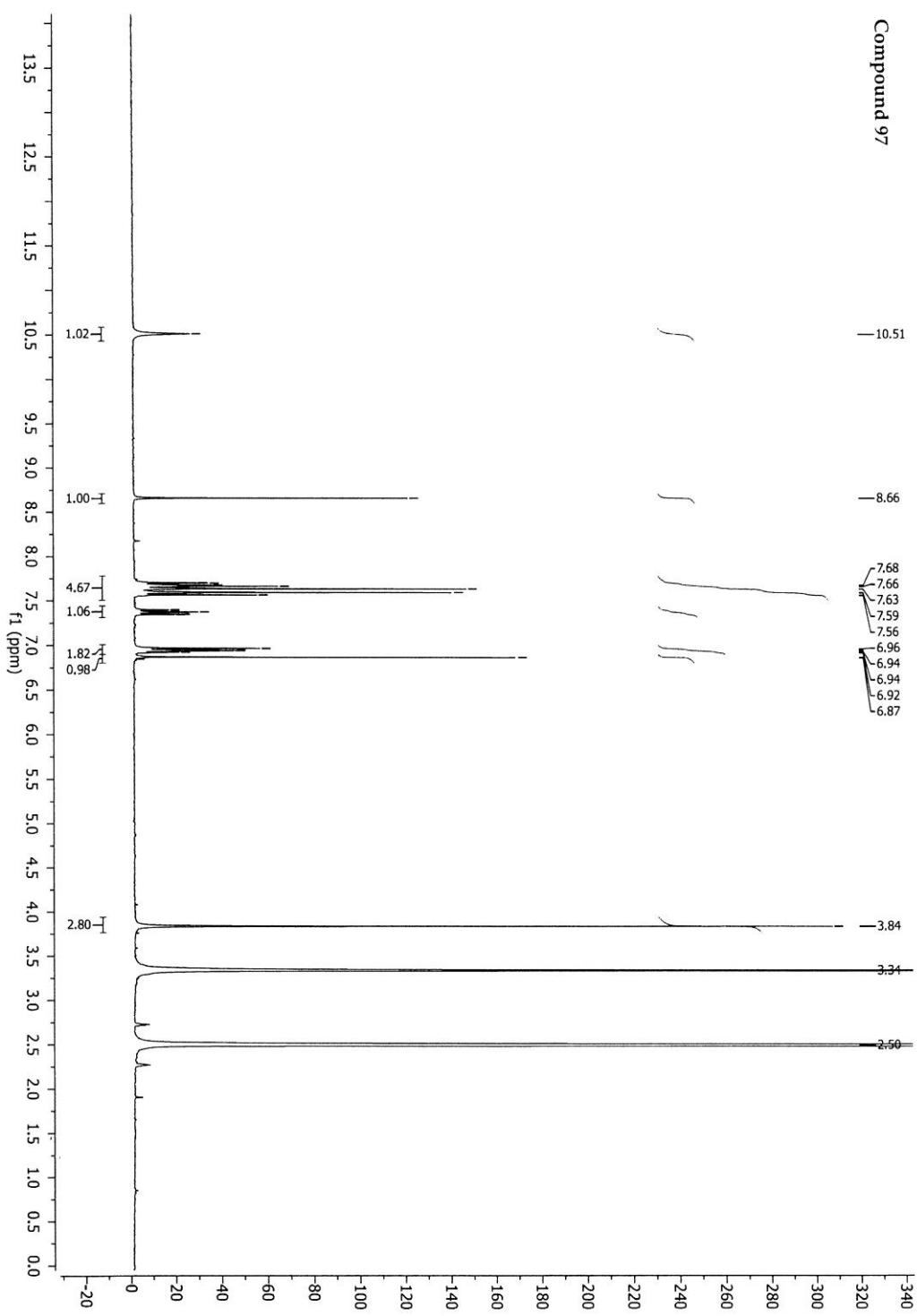


Fig. S101. ^1H NMR spectrum for compound 97

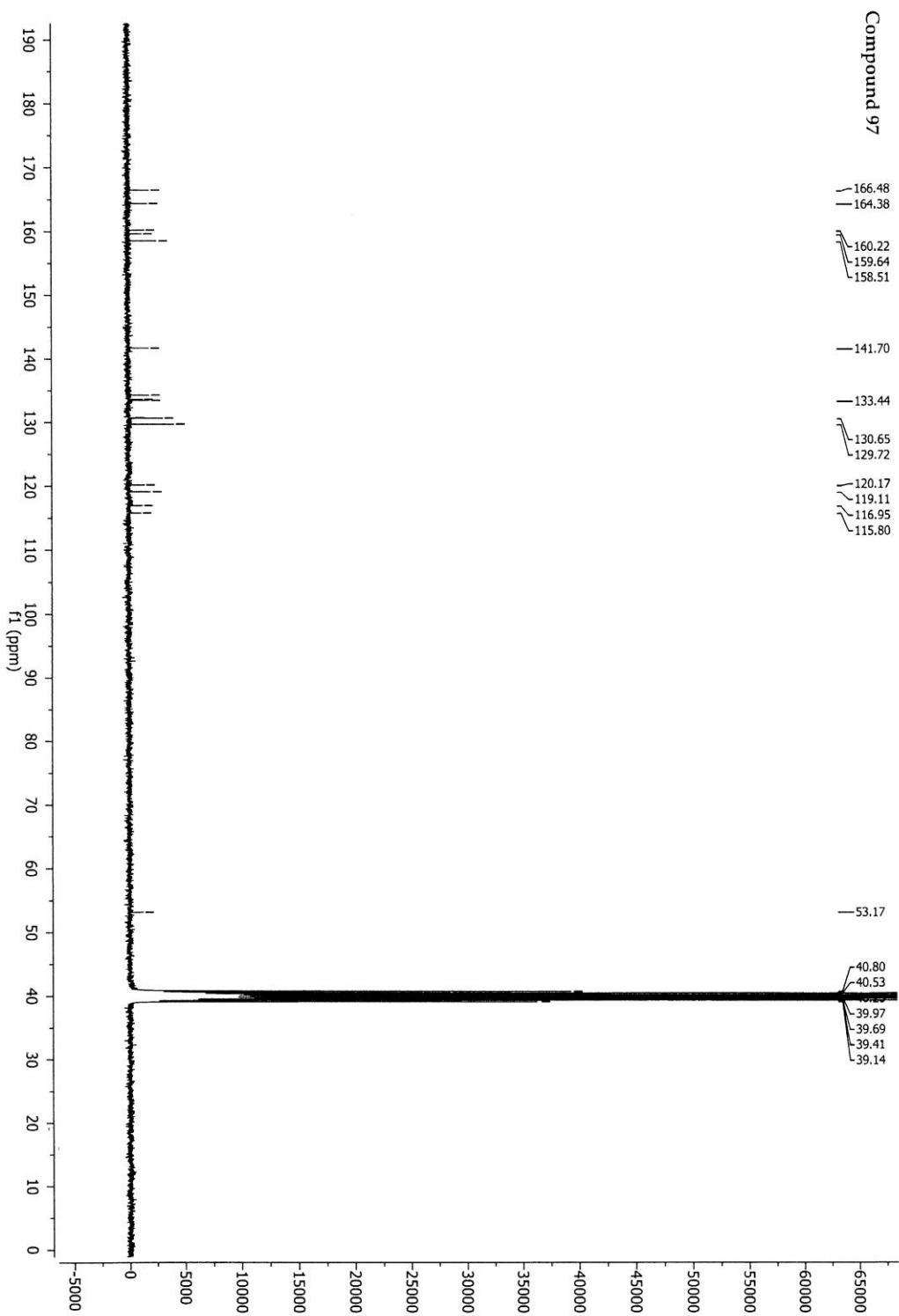


Fig. S102. ^{13}C NMR spectrum for compound 97

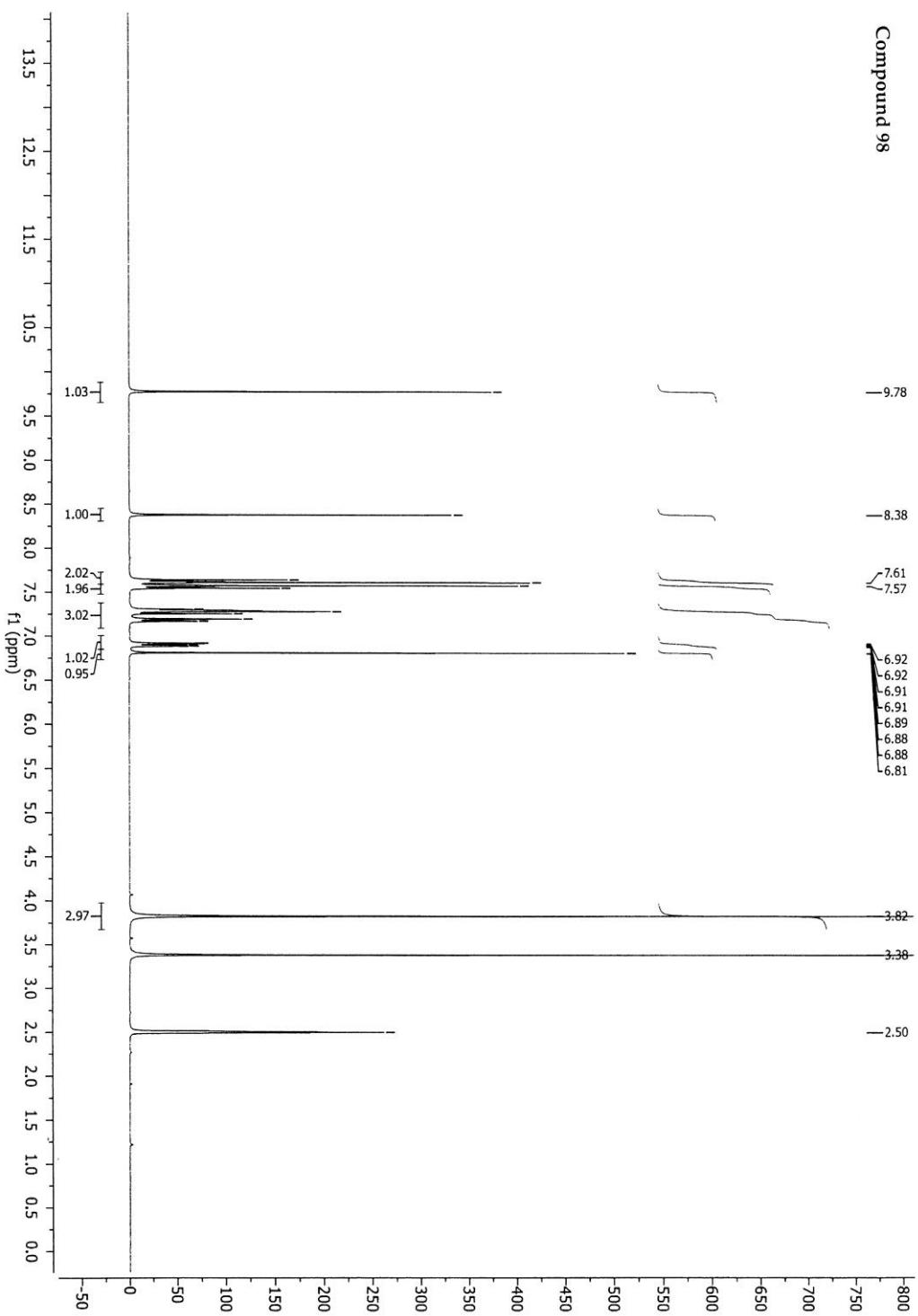


Fig. S103. ^1H NMR spectrum for compound 98

Compound 98

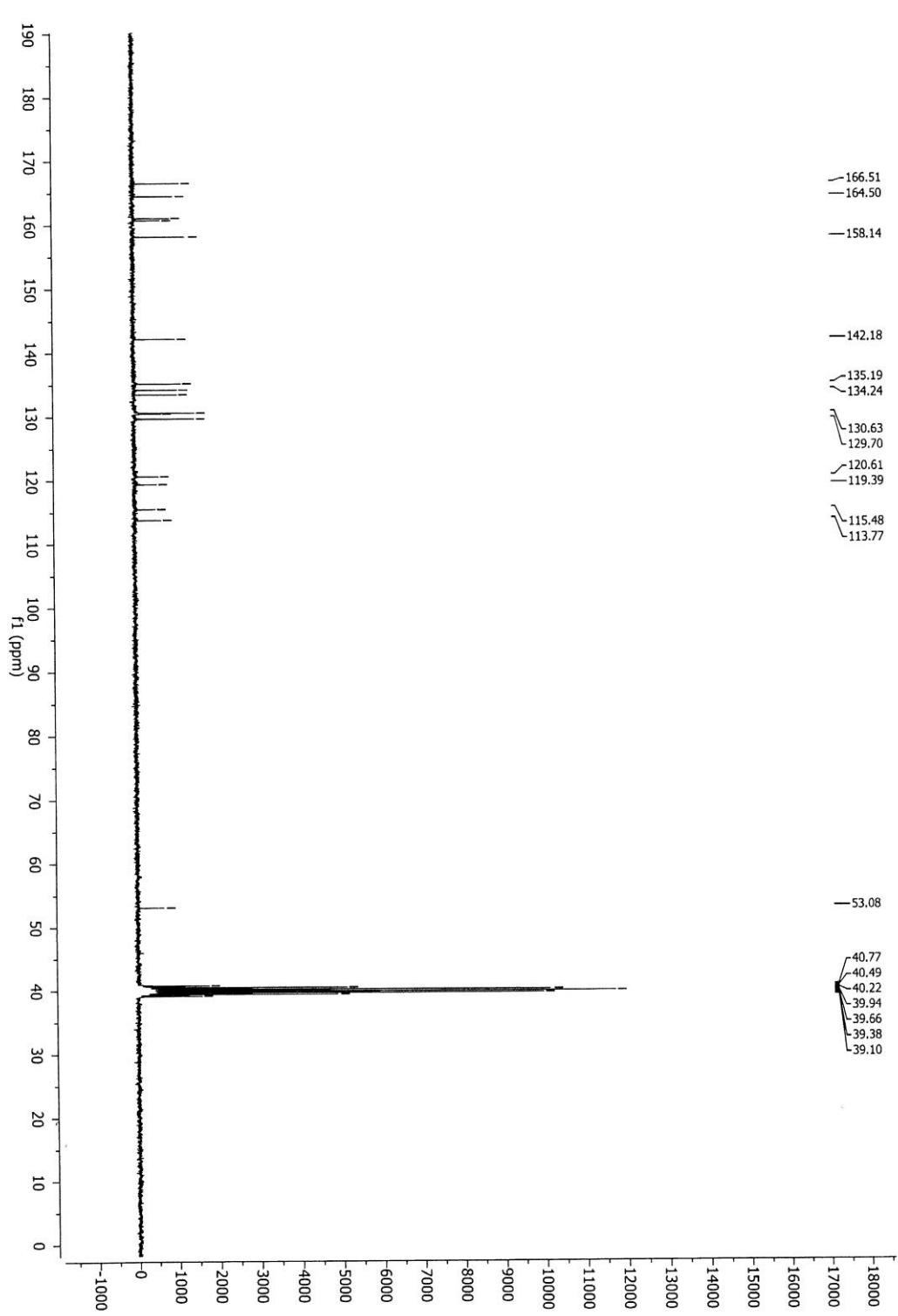


Fig. S104. ^{13}C NMR spectrum for compound 98

Compound 99

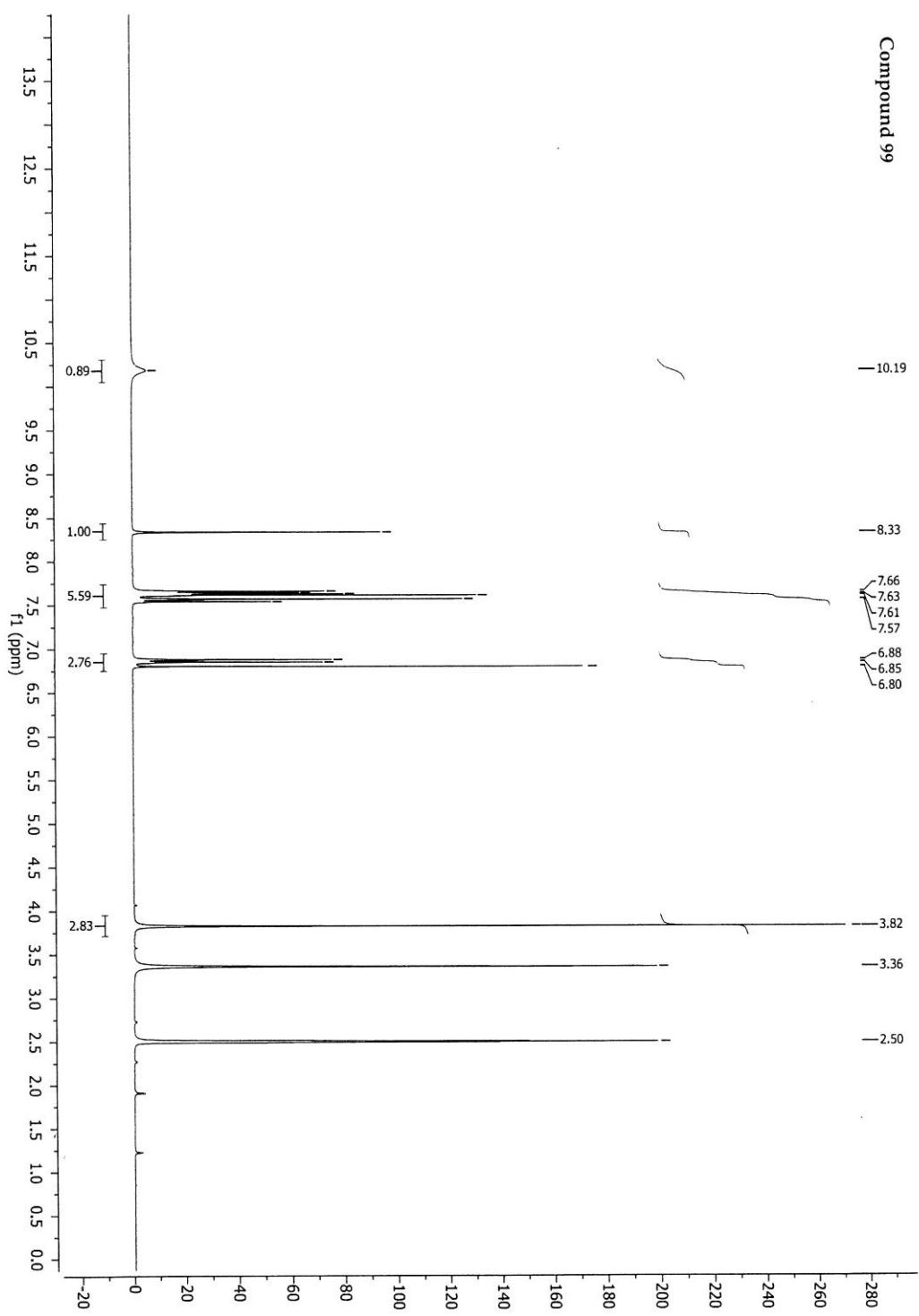


Fig. S105. ¹H NMR spectrum for compound 99

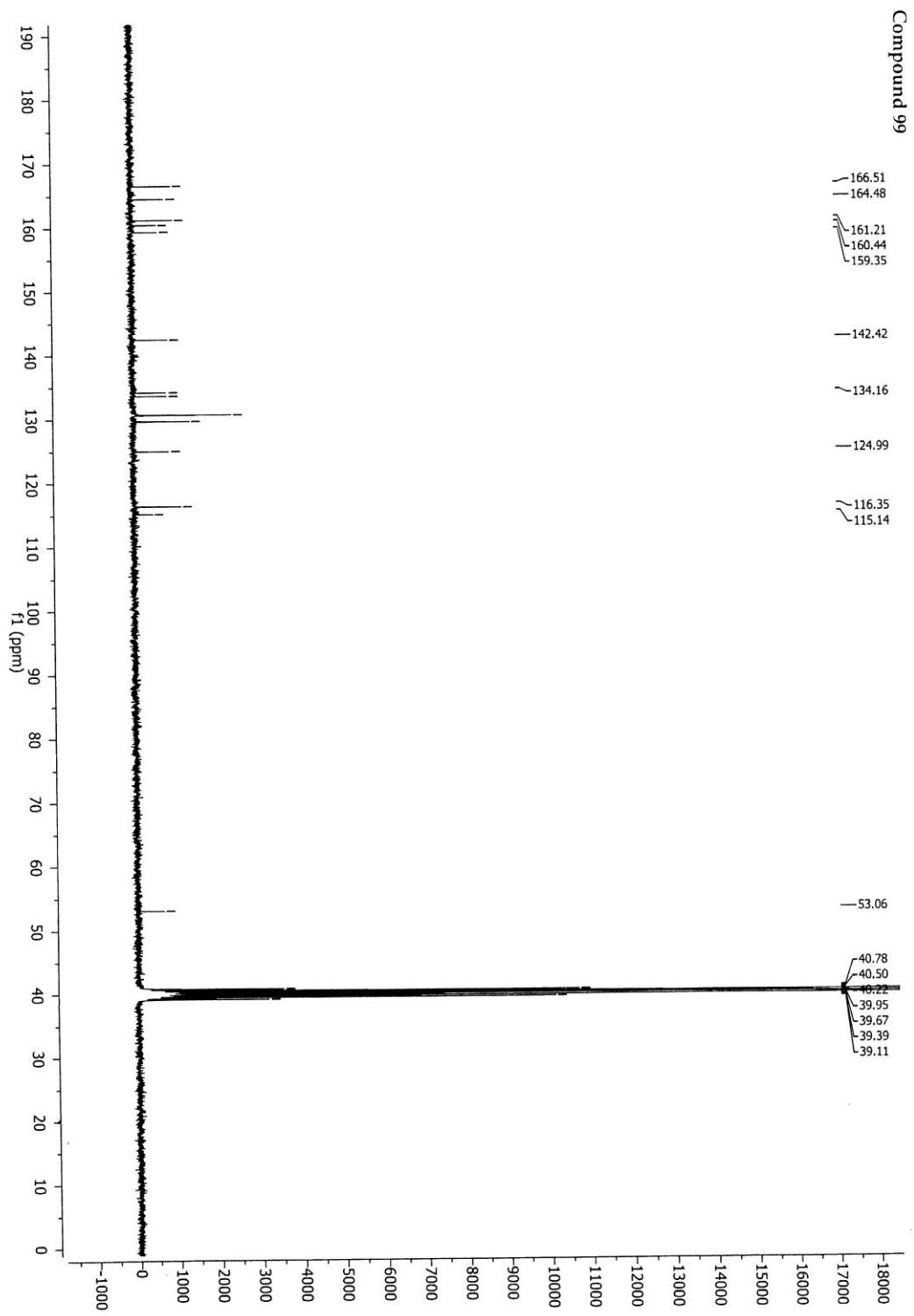


Fig. S106. ^{13}C NMR spectrum for compound 99

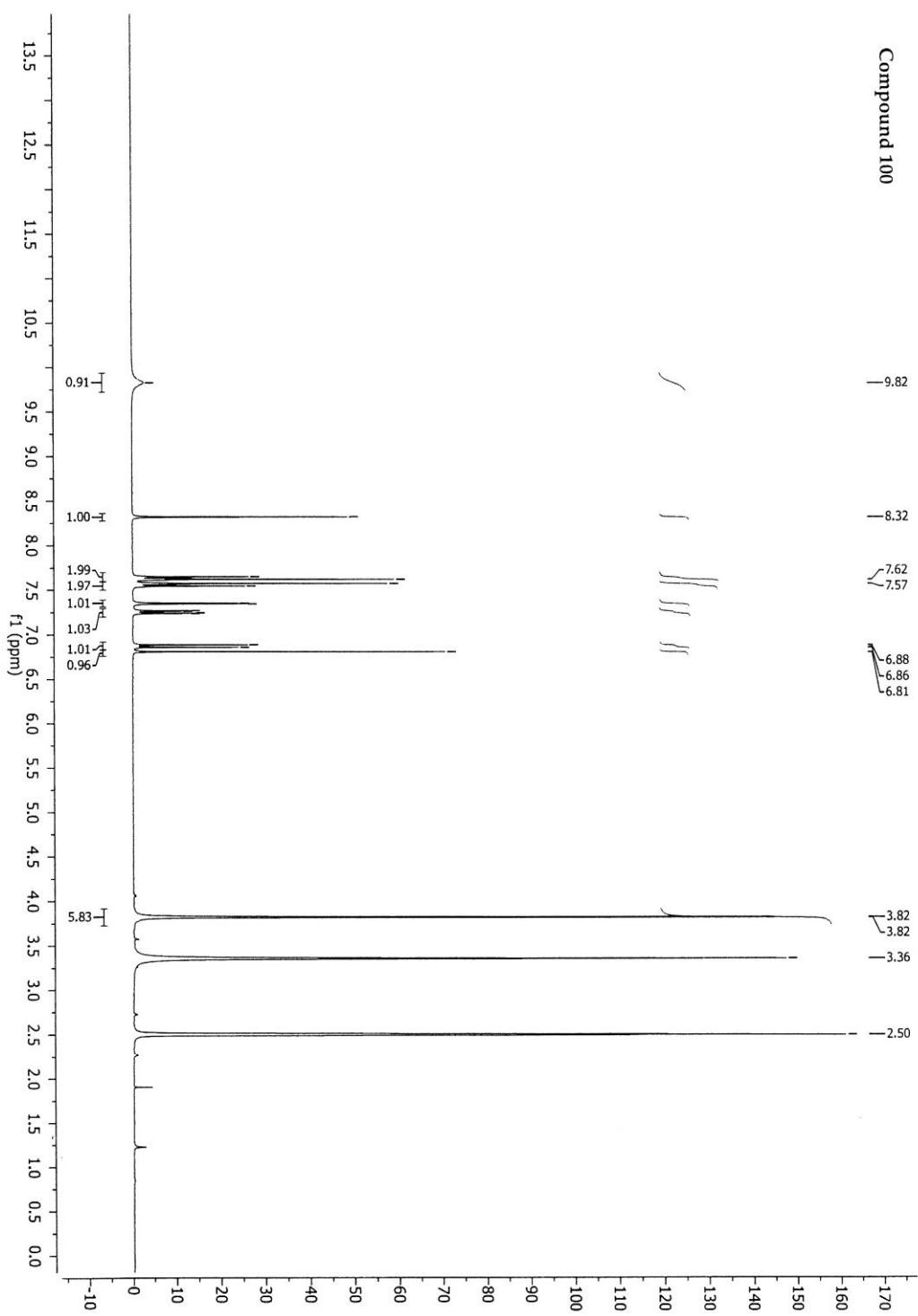


Fig. S107. ^1H NMR spectrum for compound 100

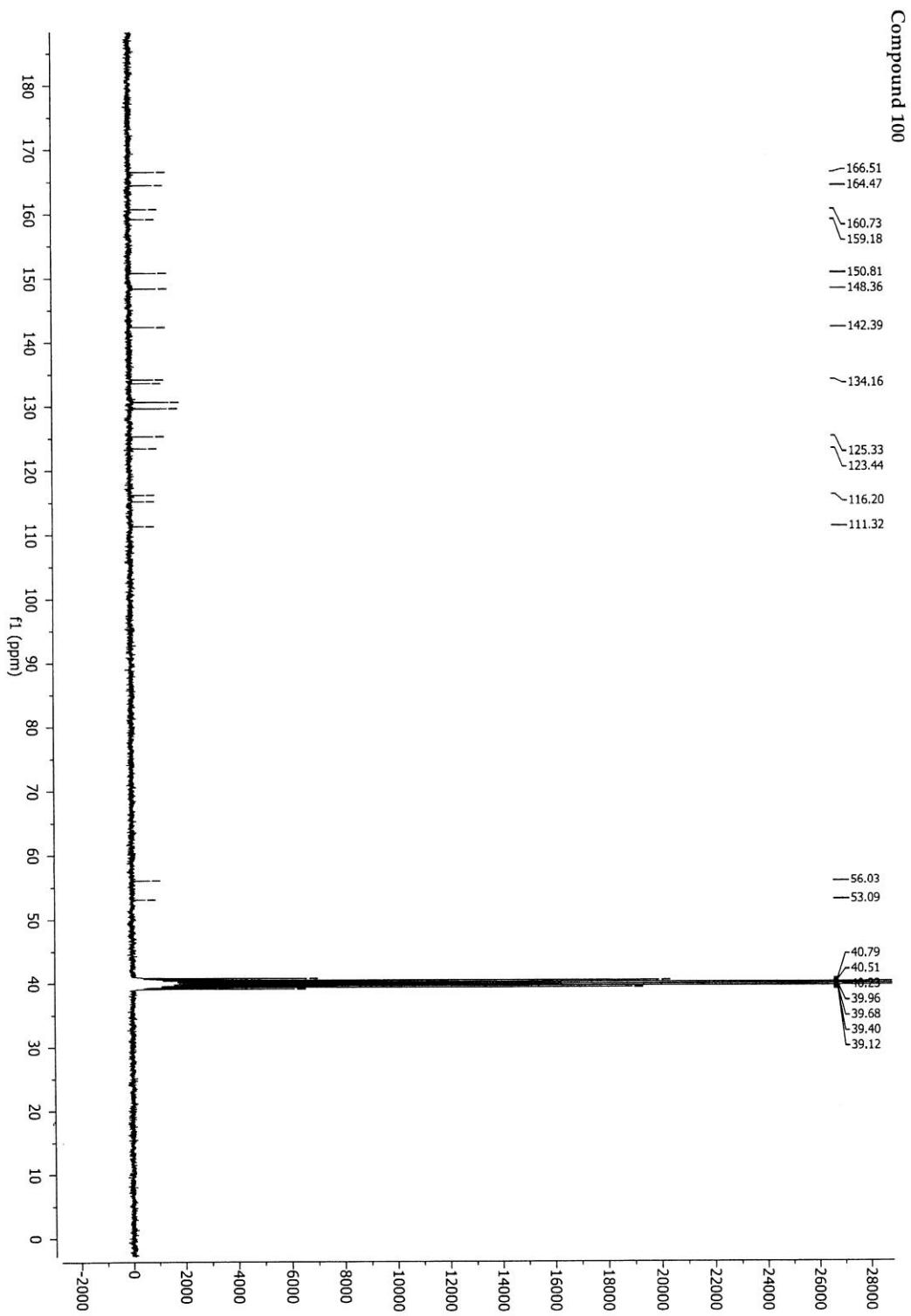


Fig. S108. ^{13}C NMR spectrum for compound 100

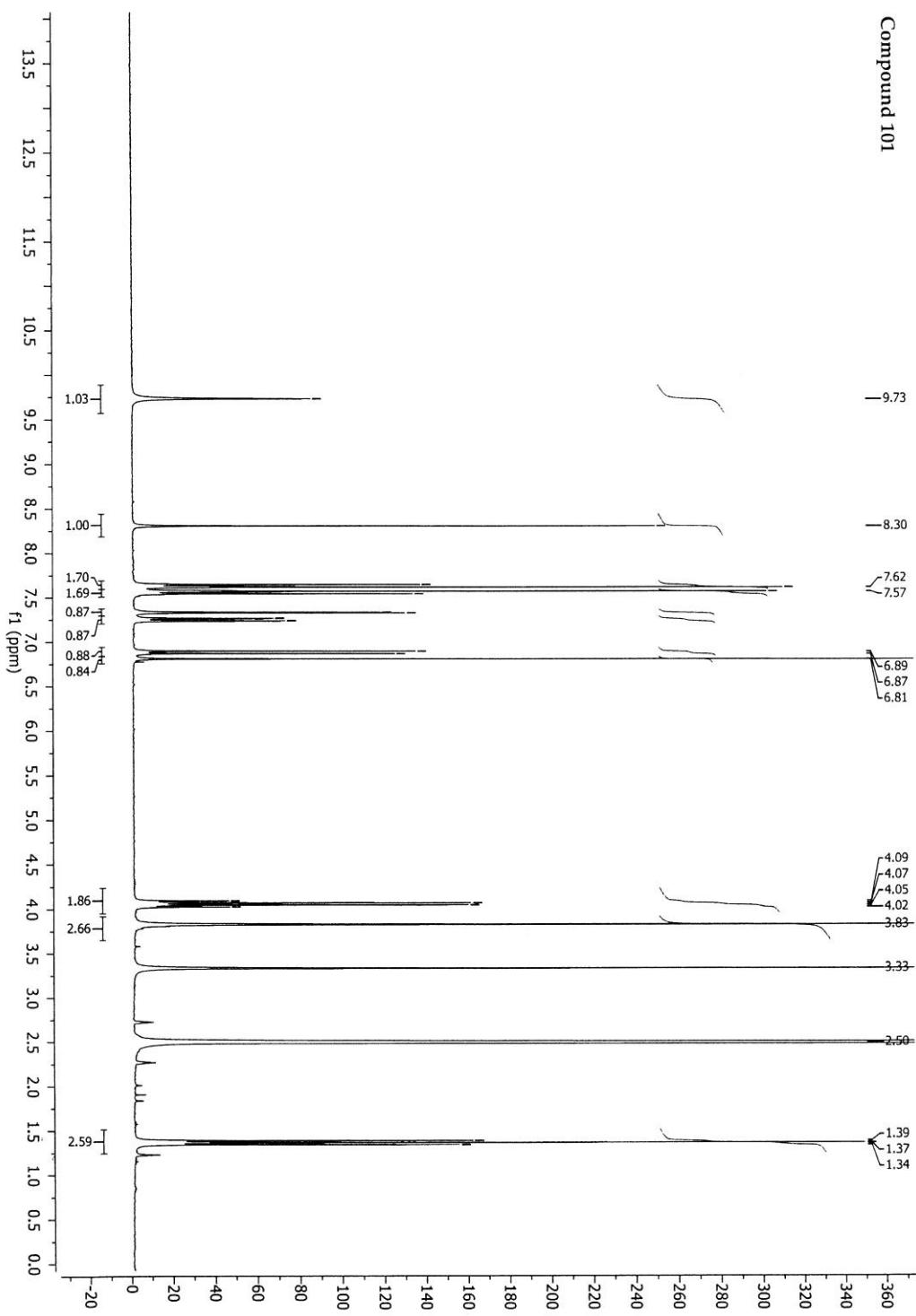


Fig. S109. ^1H NMR spectrum for compound **101**

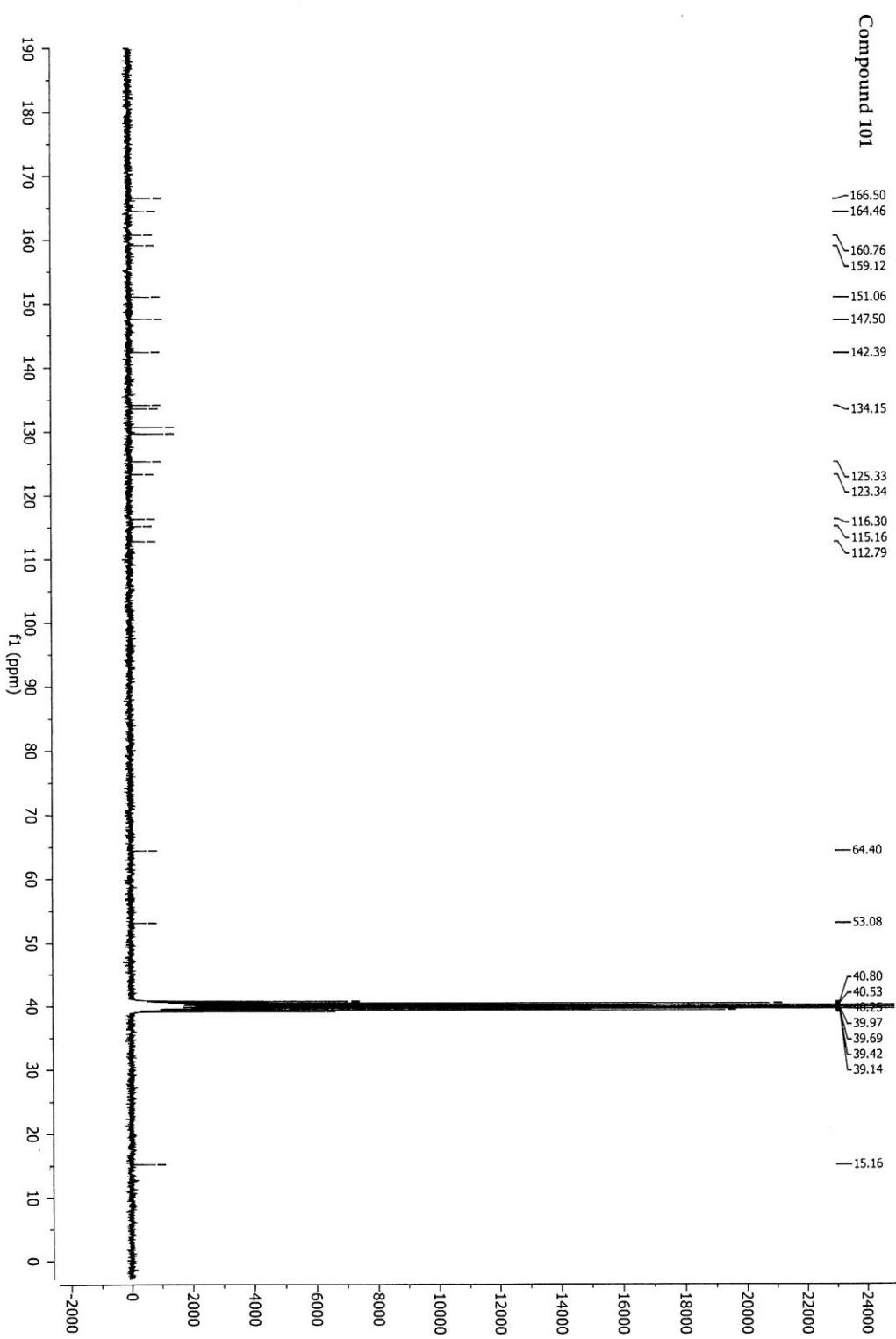


Fig. S110. ^{13}C NMR spectrum for compound 101

Compound 102

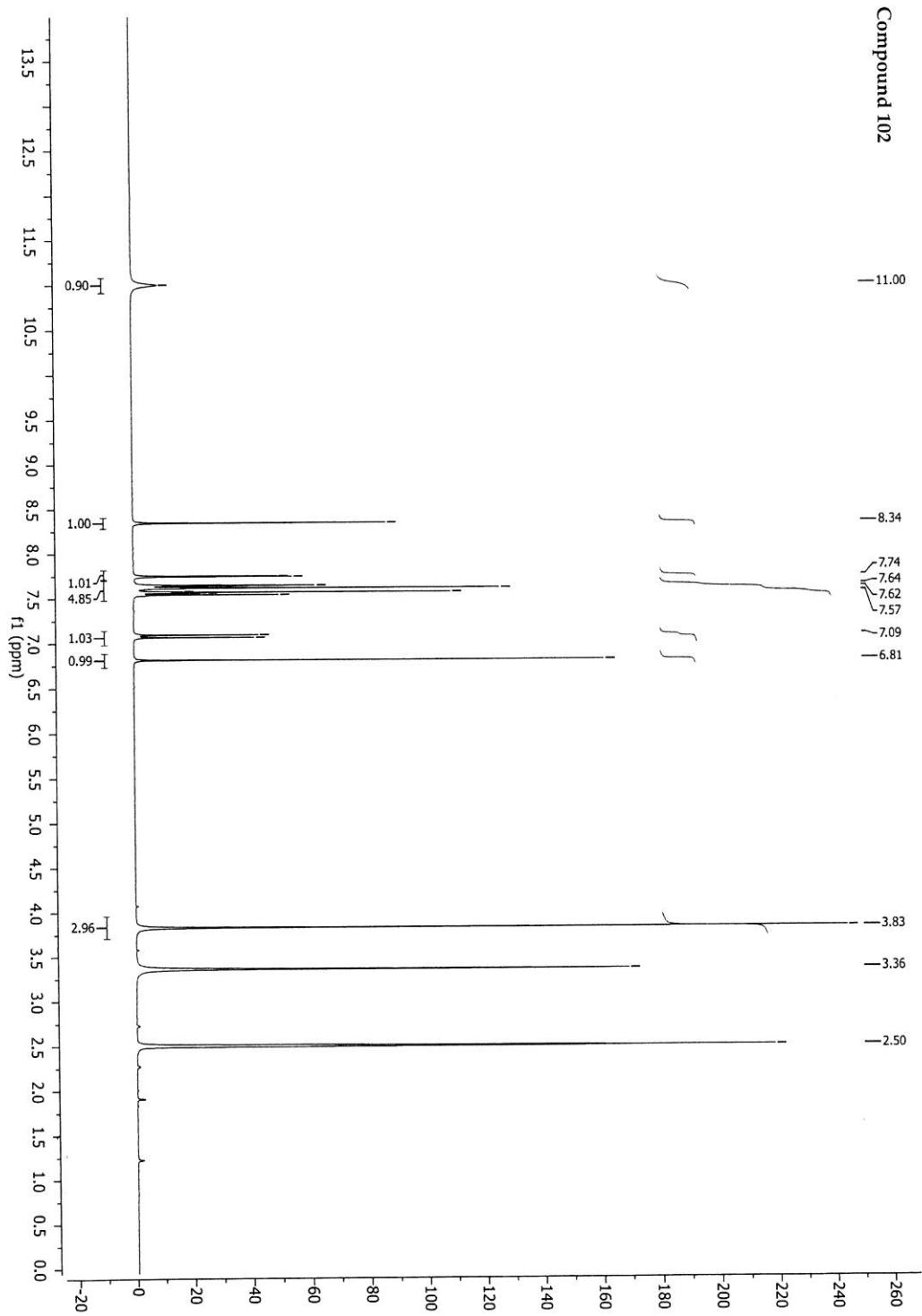


Fig. S111. ¹H NMR spectrum for compound 102

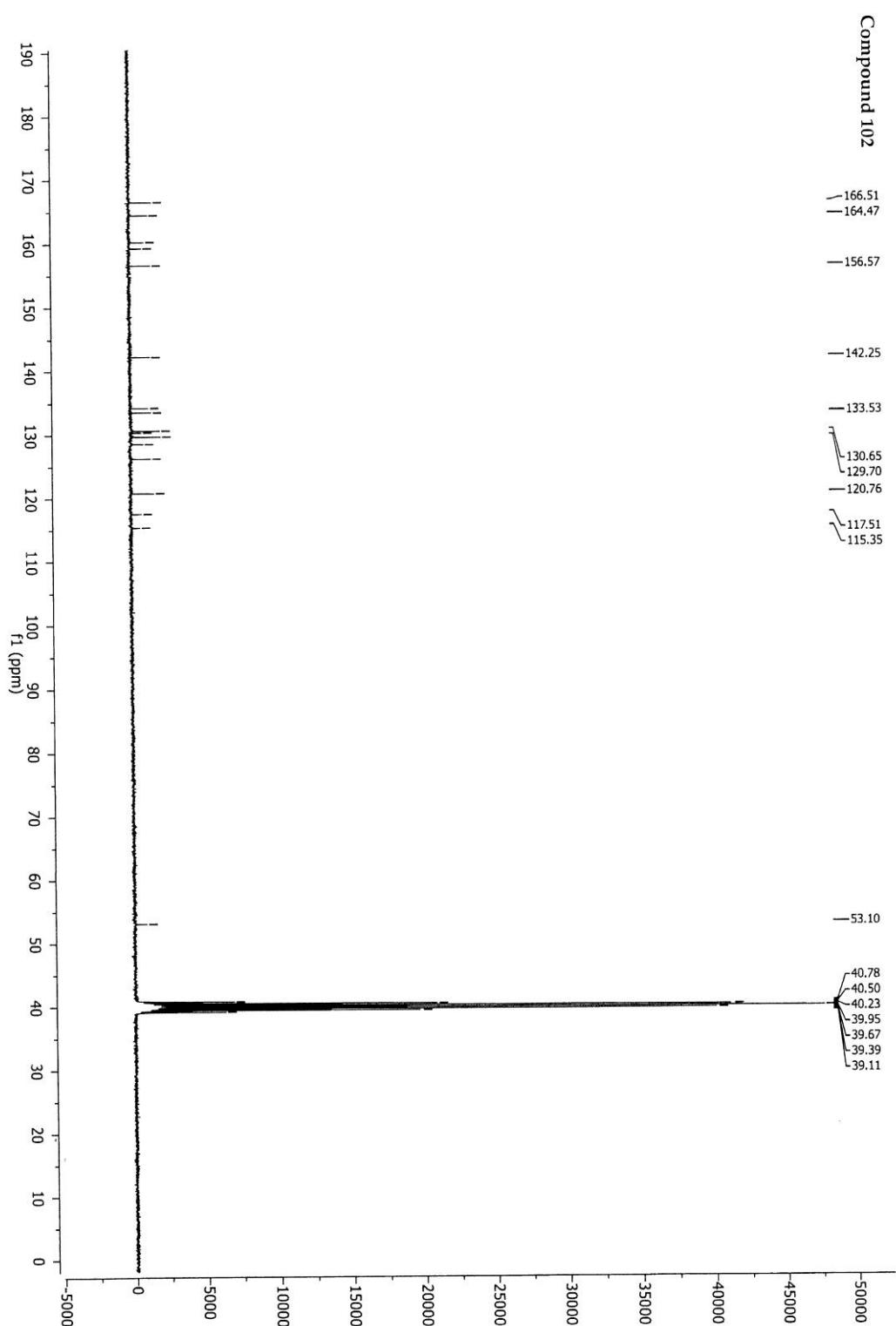


Fig. S112. ^{13}C NMR spectrum for compound 102

Compound 103

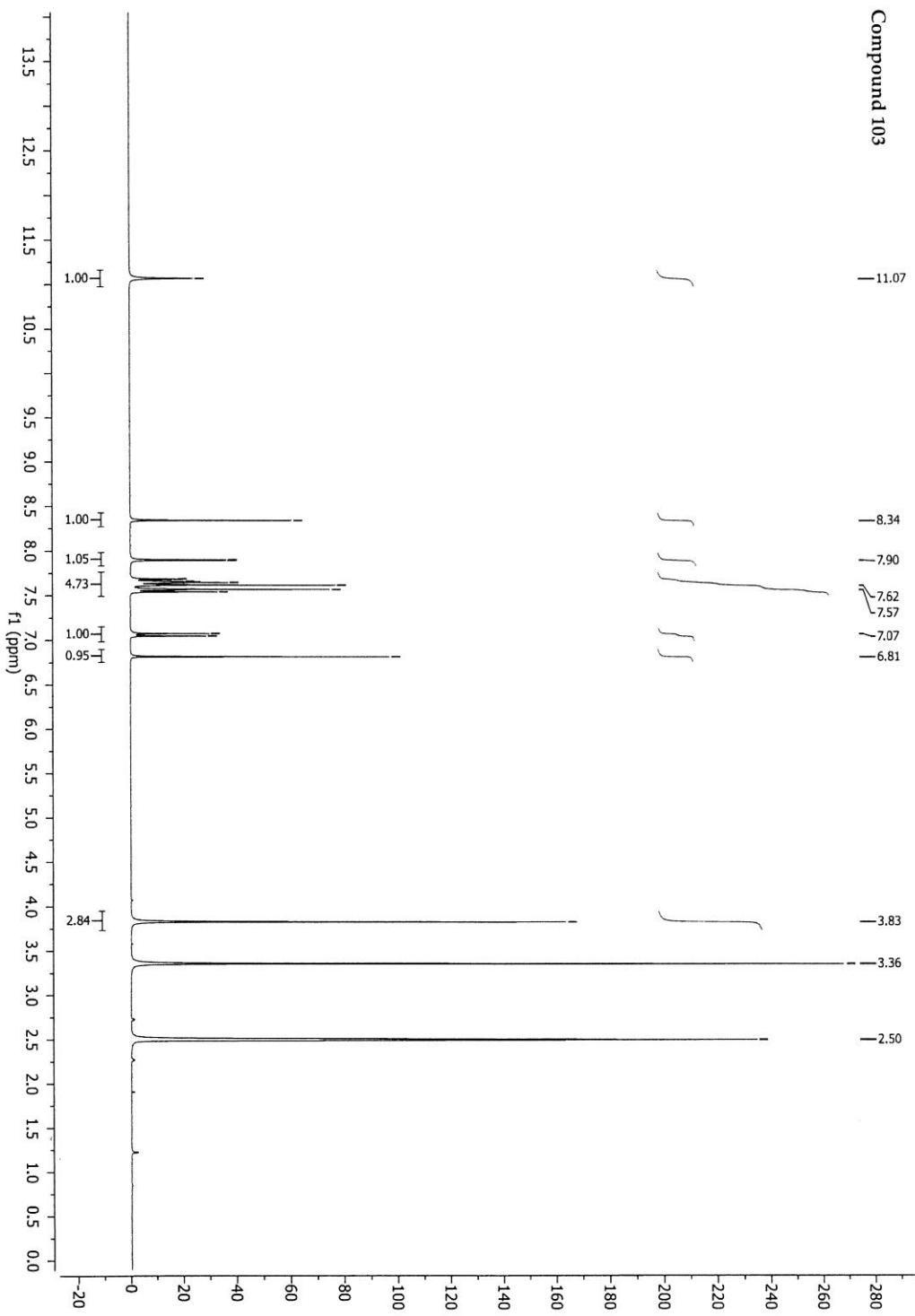


Fig. S113. ¹H NMR spectrum for compound 103

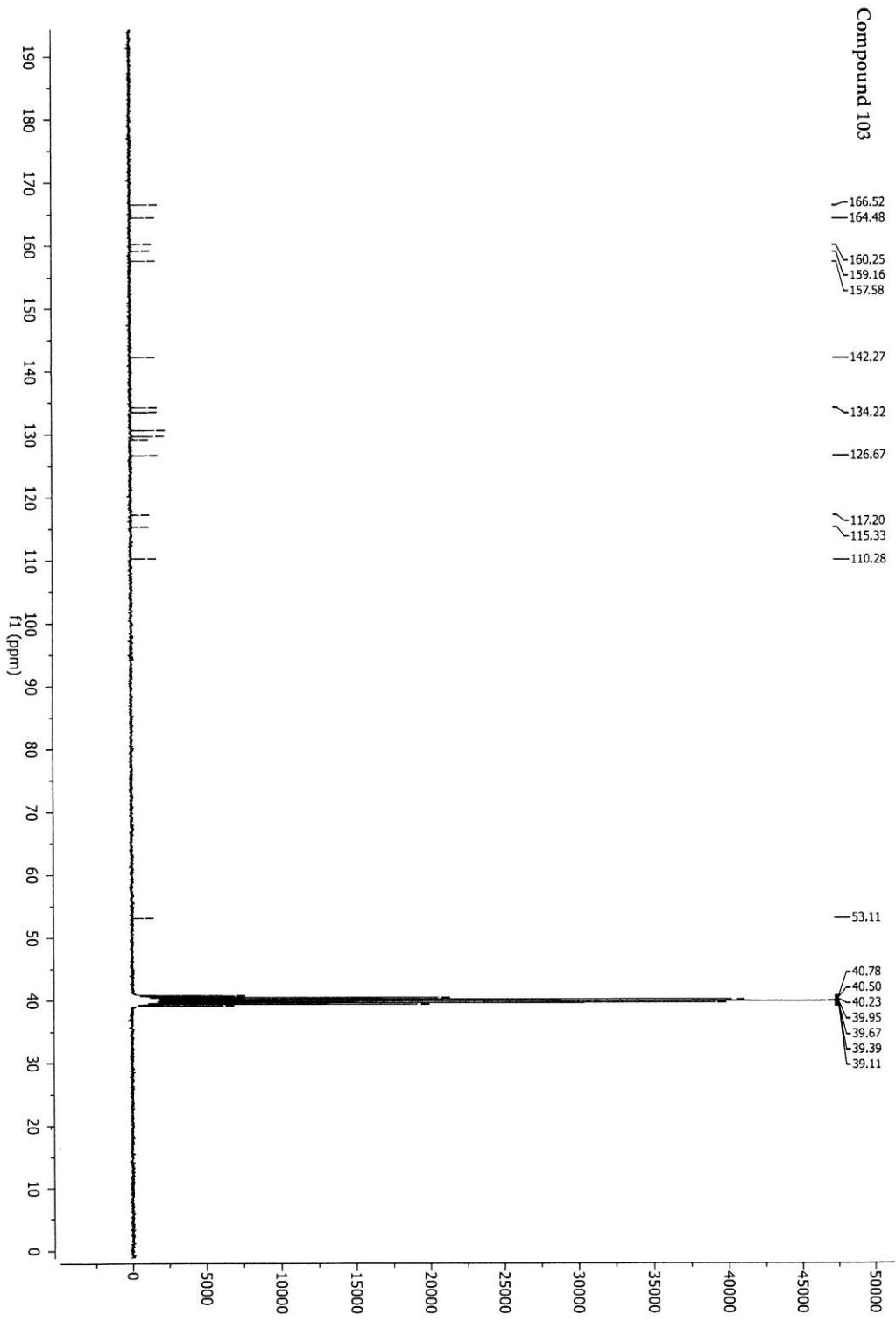


Fig. S114. ^{13}C NMR spectrum for compound 103

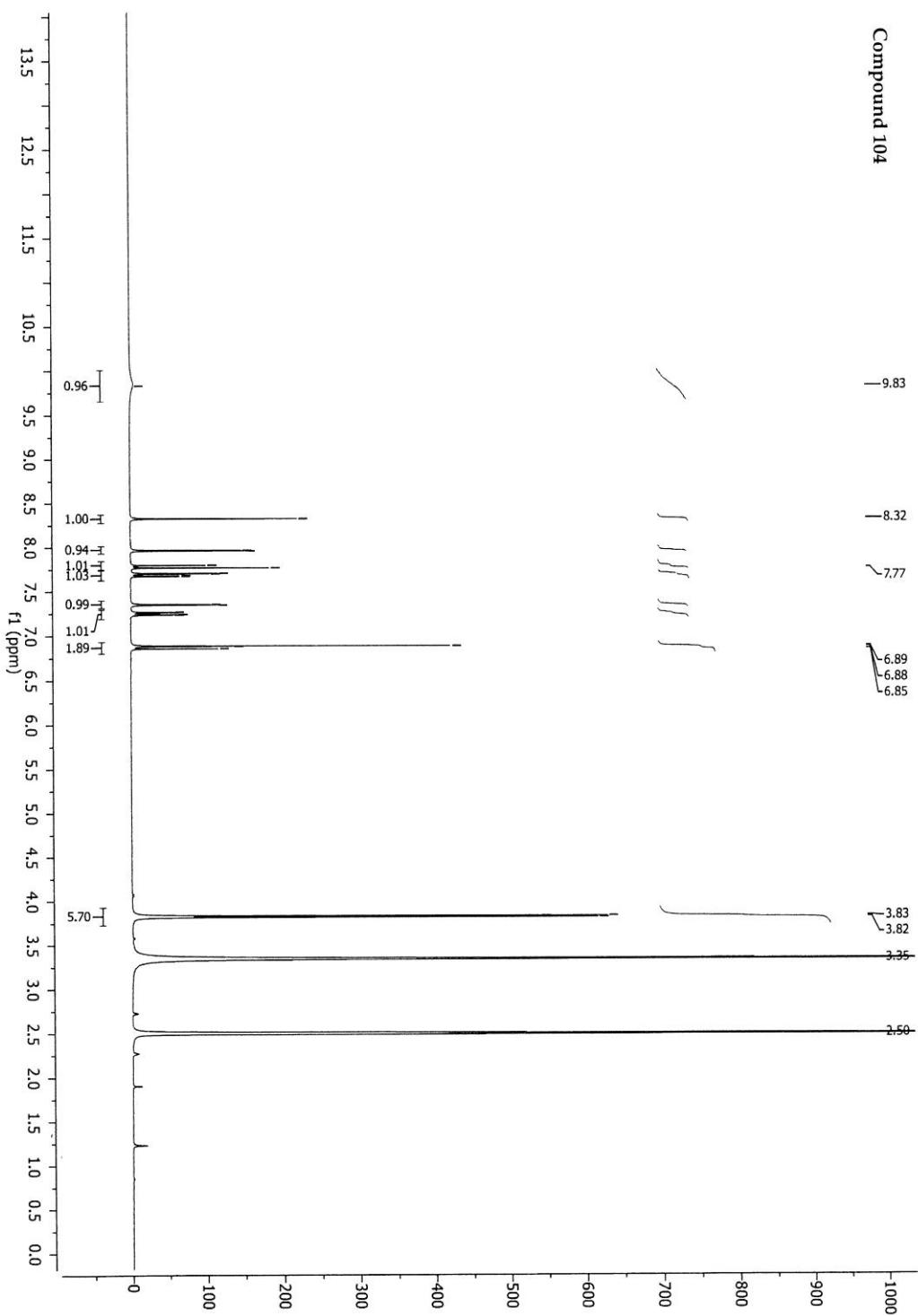


Fig. S115. ^1H NMR spectrum for compound 104

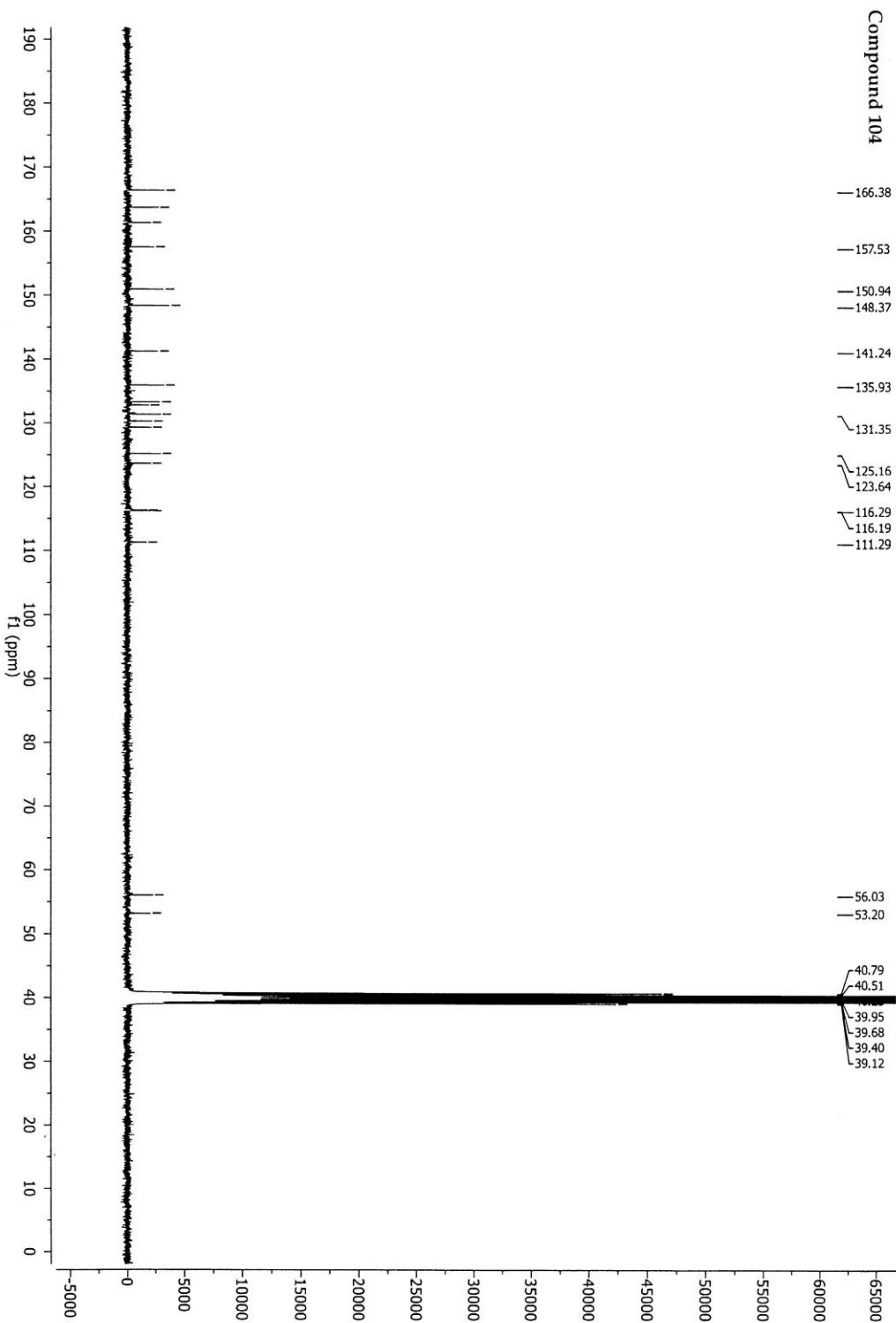


Fig. S116. ^{13}C NMR spectrum for compound 104