

Design, synthesis, and evaluation of novel ferrostatin derivatives for the prevention of HG-induced VEC ferroptosis

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Figure 1. ^1H NMR spectrum of **2**

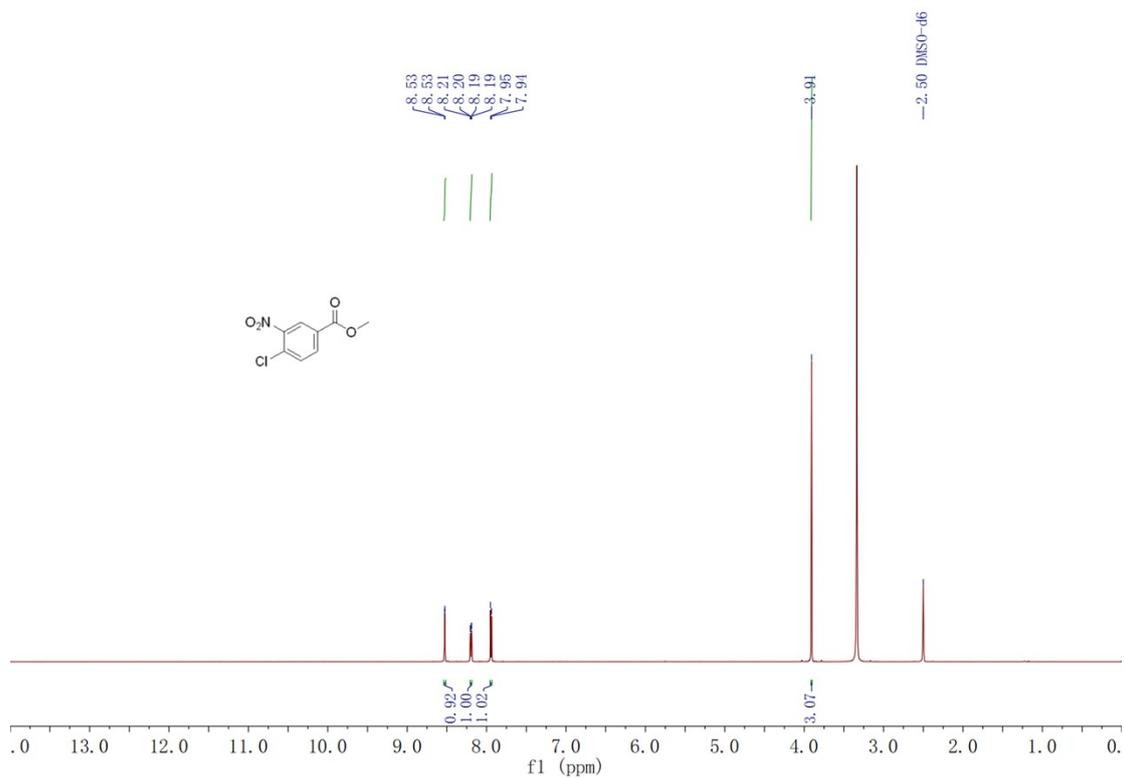


Figure 2. ^{13}C NMR spectrum of **2**

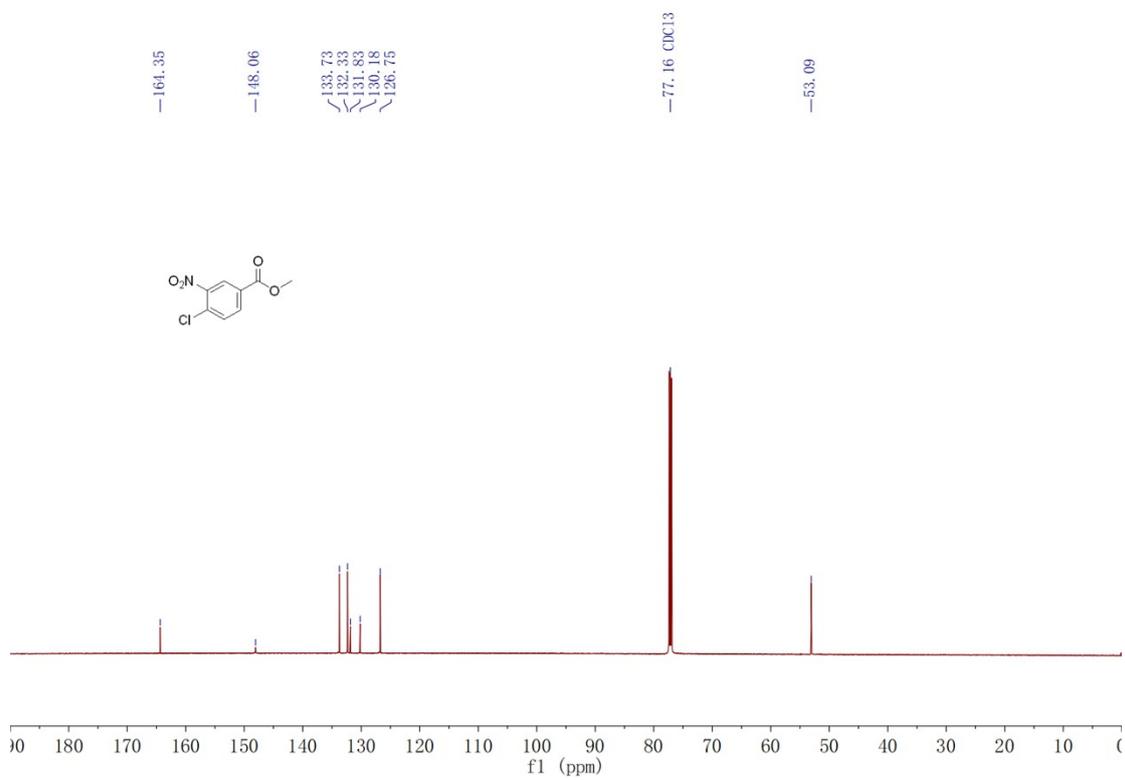


Figure 3. ^1H NMR spectrum of **3**

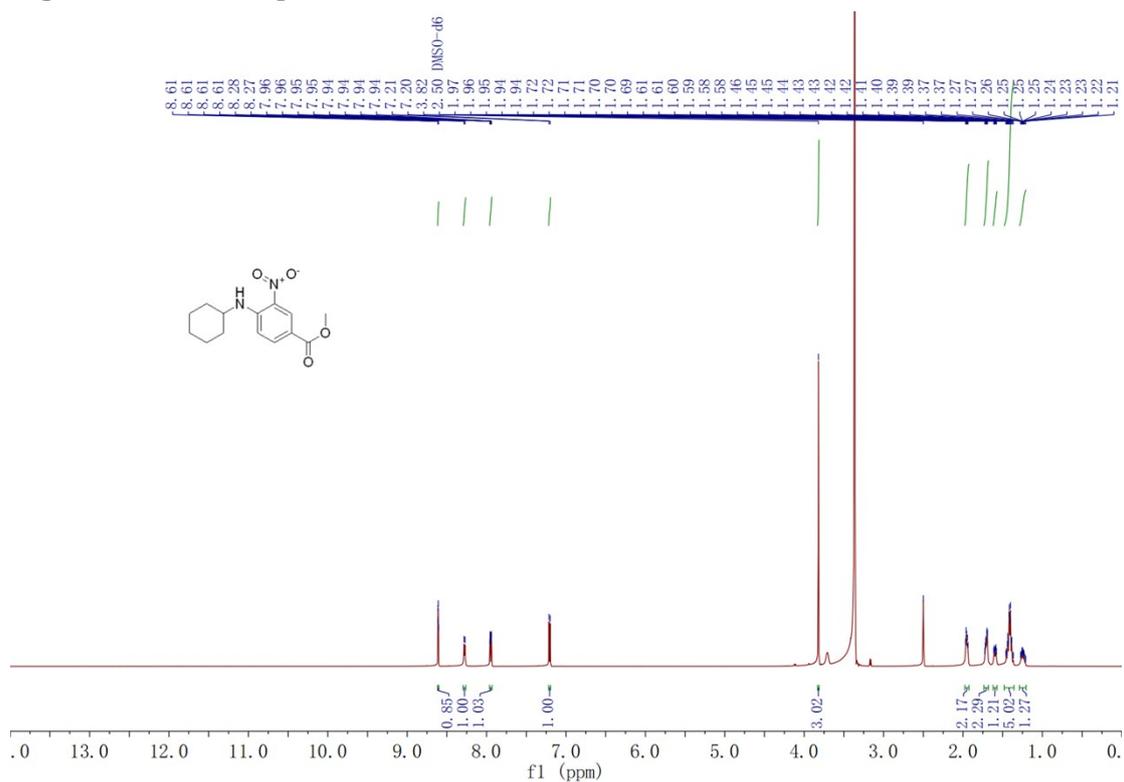


Figure 4. ^{13}C NMR spectrum of **3**

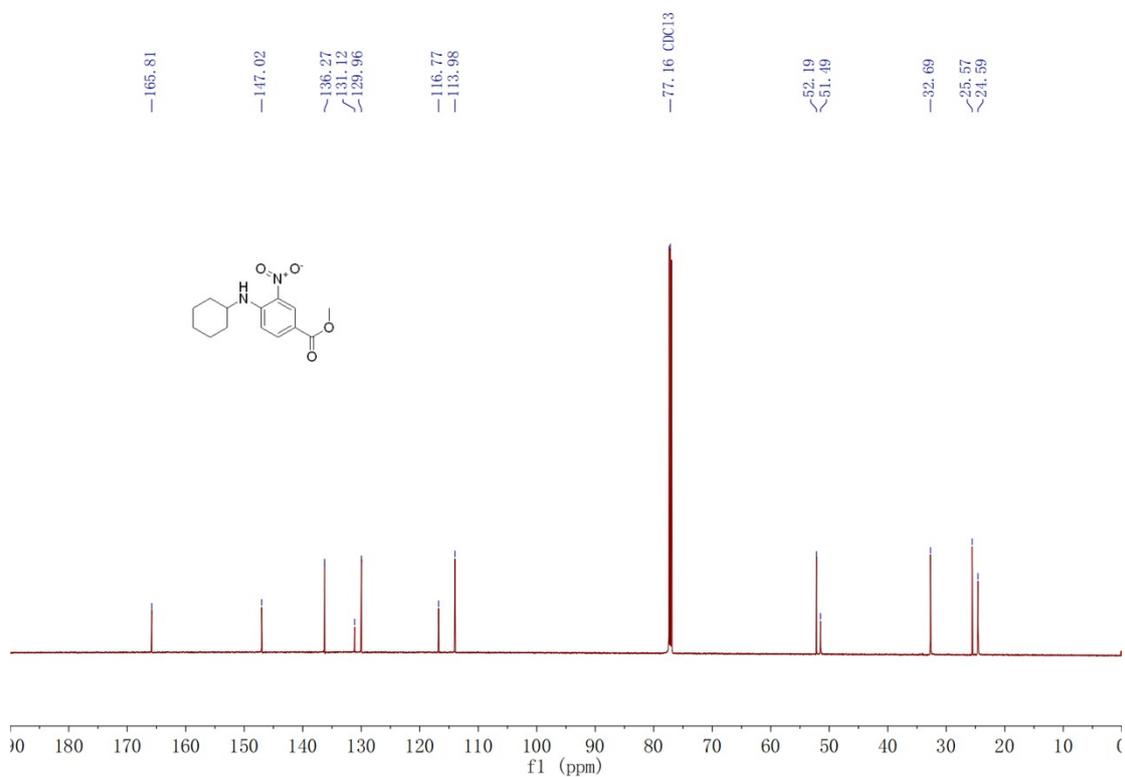


Figure 5. ^1H NMR spectrum of **4**

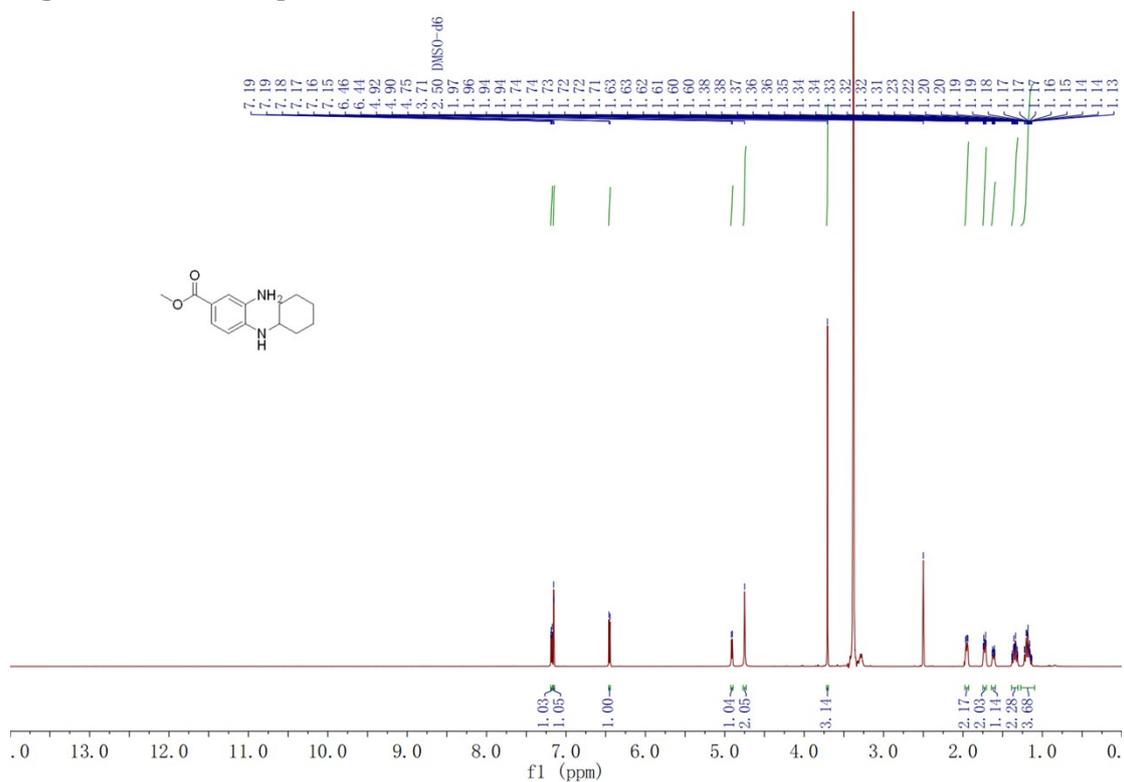


Figure 6. ^{13}C NMR spectrum of **4**

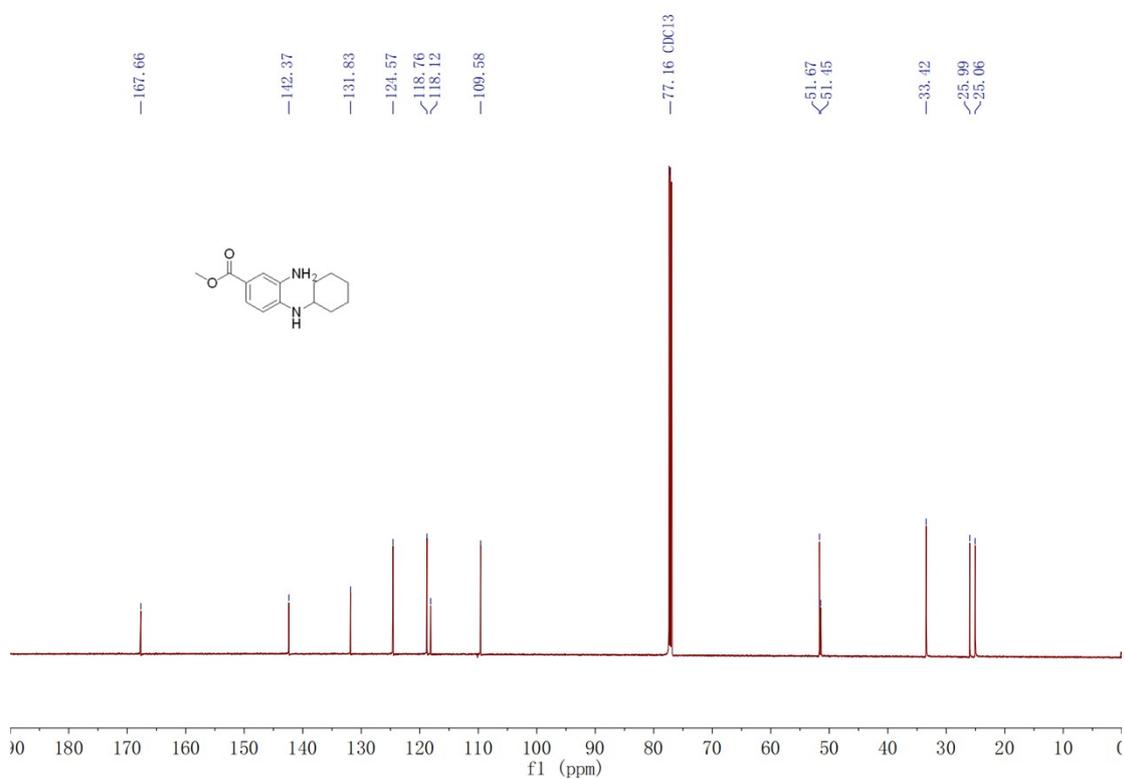


Figure 7. ^1H NMR spectrum of **5**

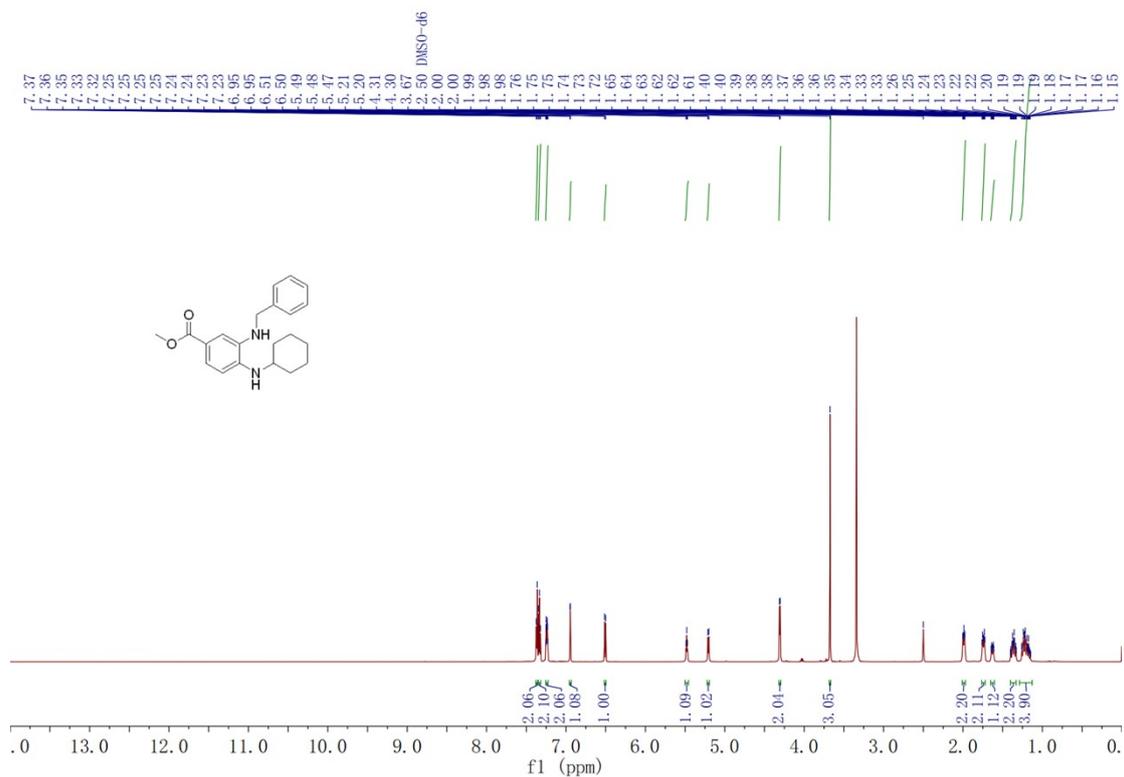


Figure 8. ^{13}C NMR spectrum of **5**

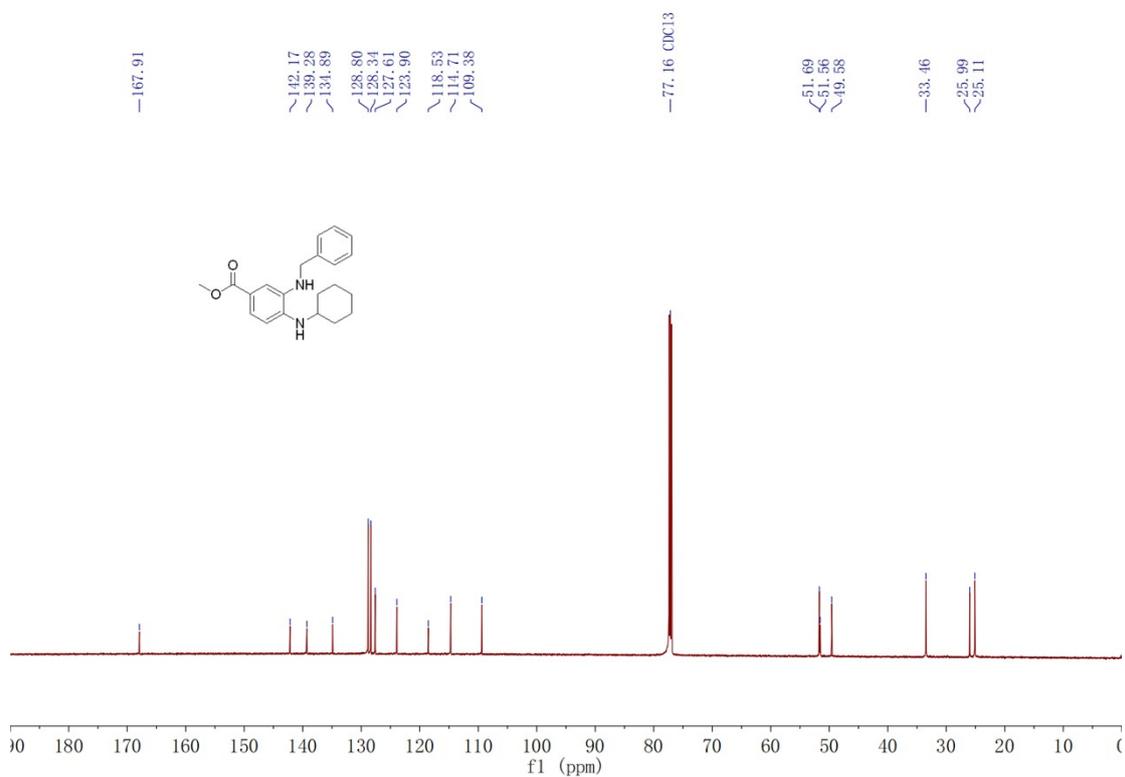


Figure 9. ^1H NMR spectrum of **6**

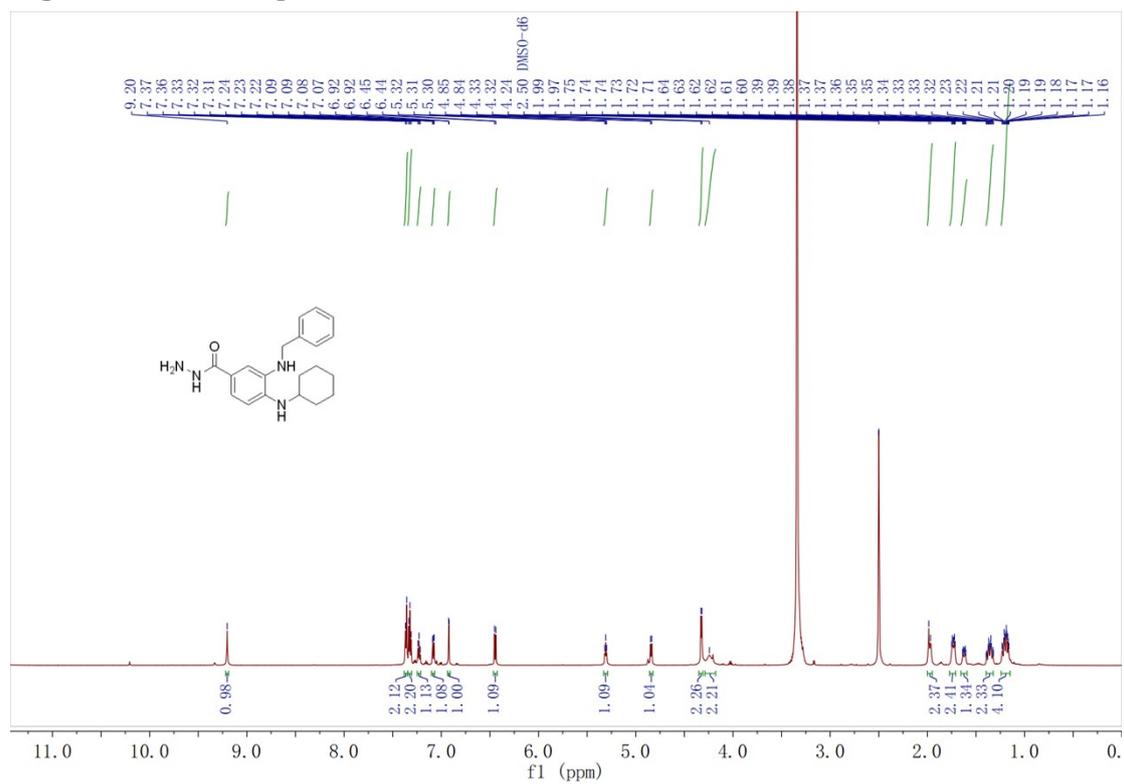


Figure 10. ^{13}C NMR spectrum of **6**

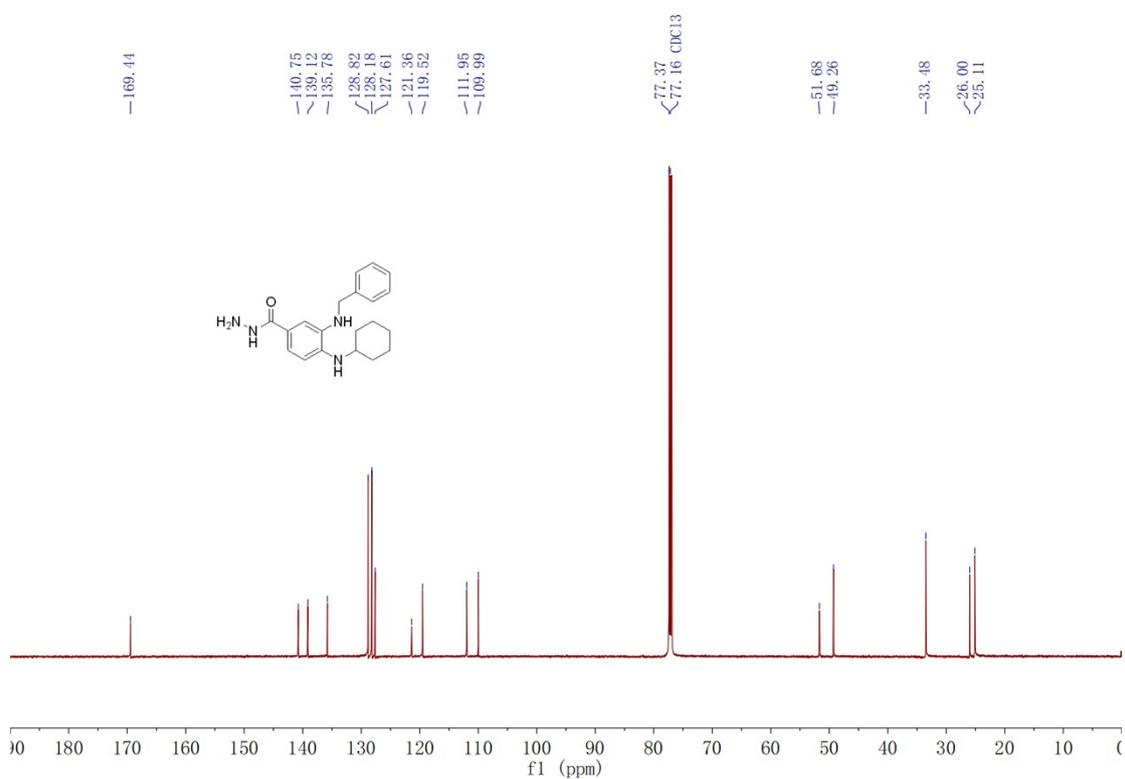


Figure 11. ^1H NMR spectrum of 7

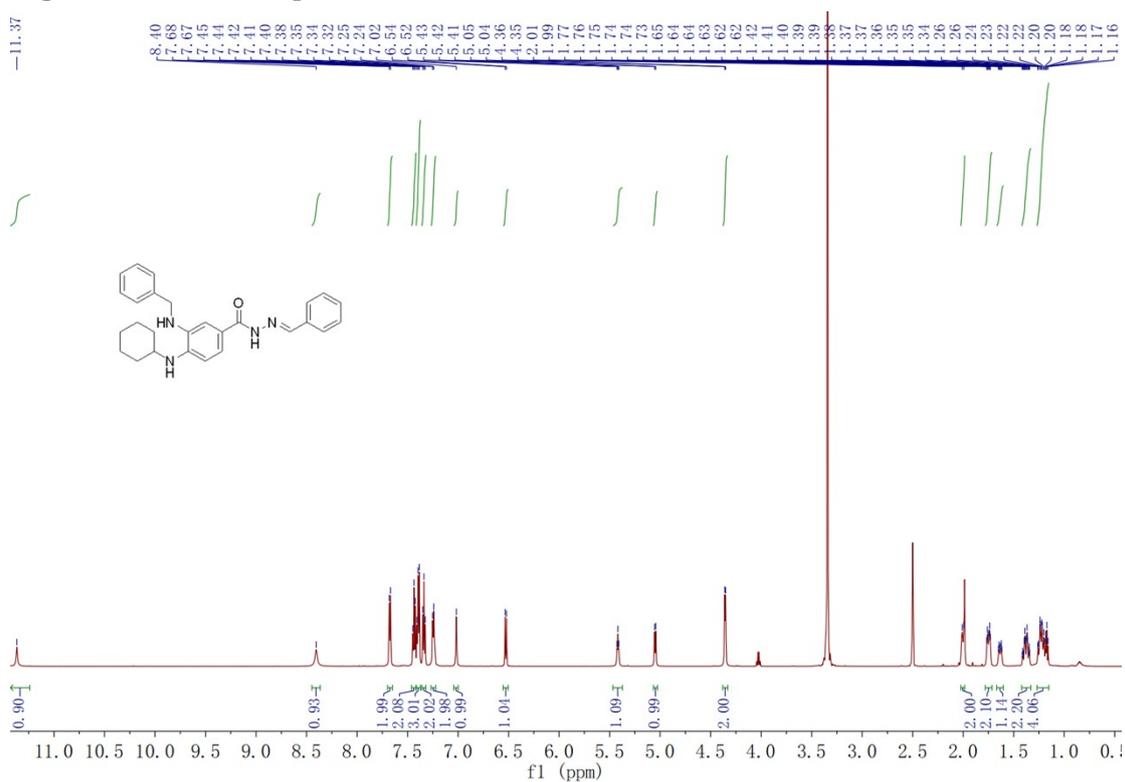


Figure 12. ^{13}C NMR spectrum of 7

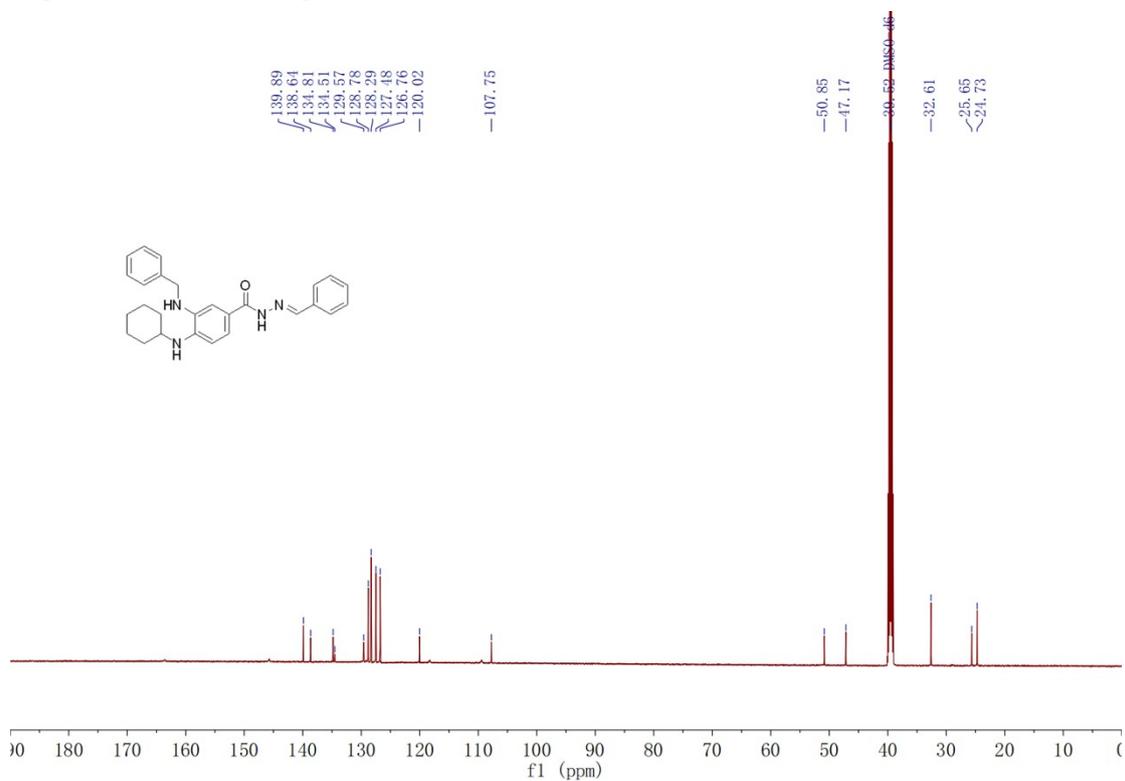


Figure 13. ¹H NMR spectrum of **8**

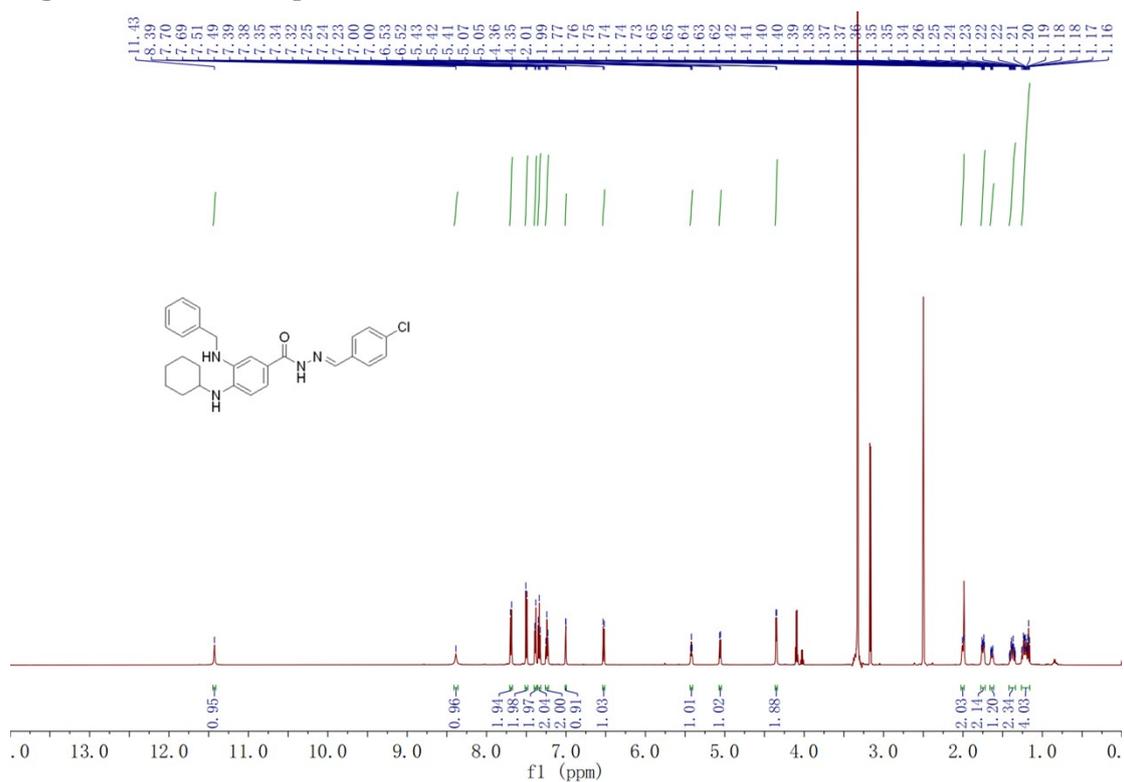


Figure 14. ¹³C NMR spectrum of **8**

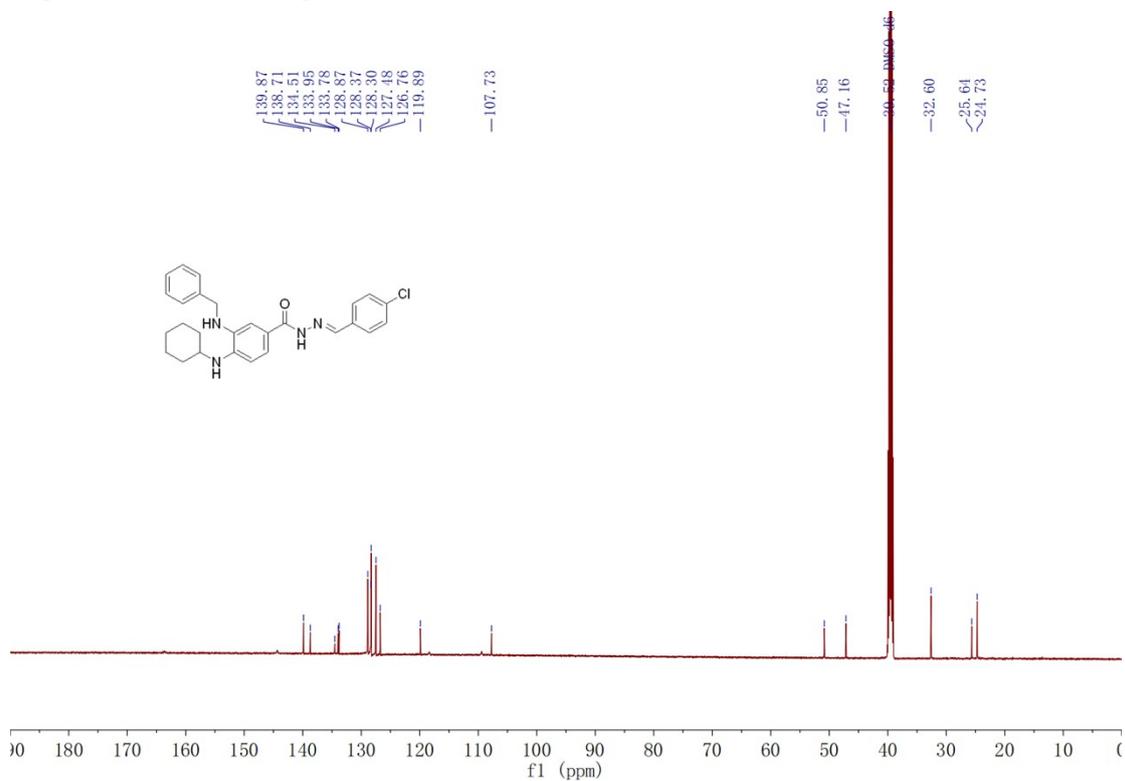


Figure 15. ^1H NMR spectrum of **9**

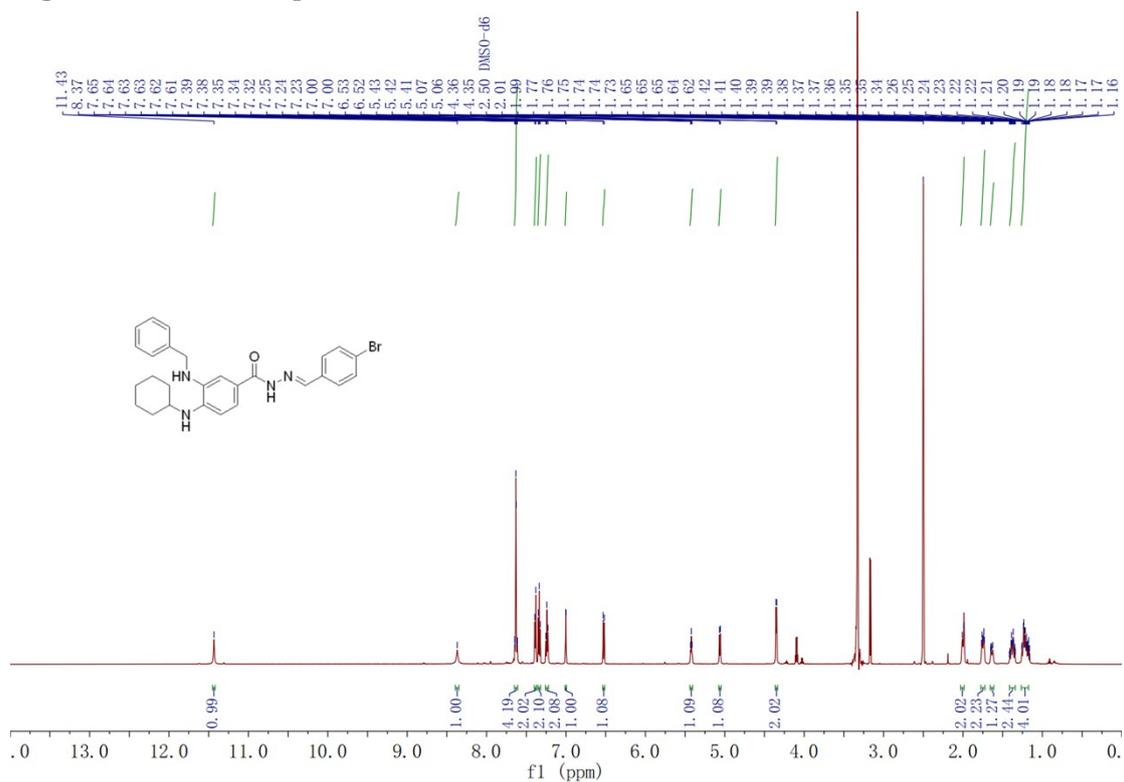


Figure 16. ^{13}C NMR spectrum of **9**

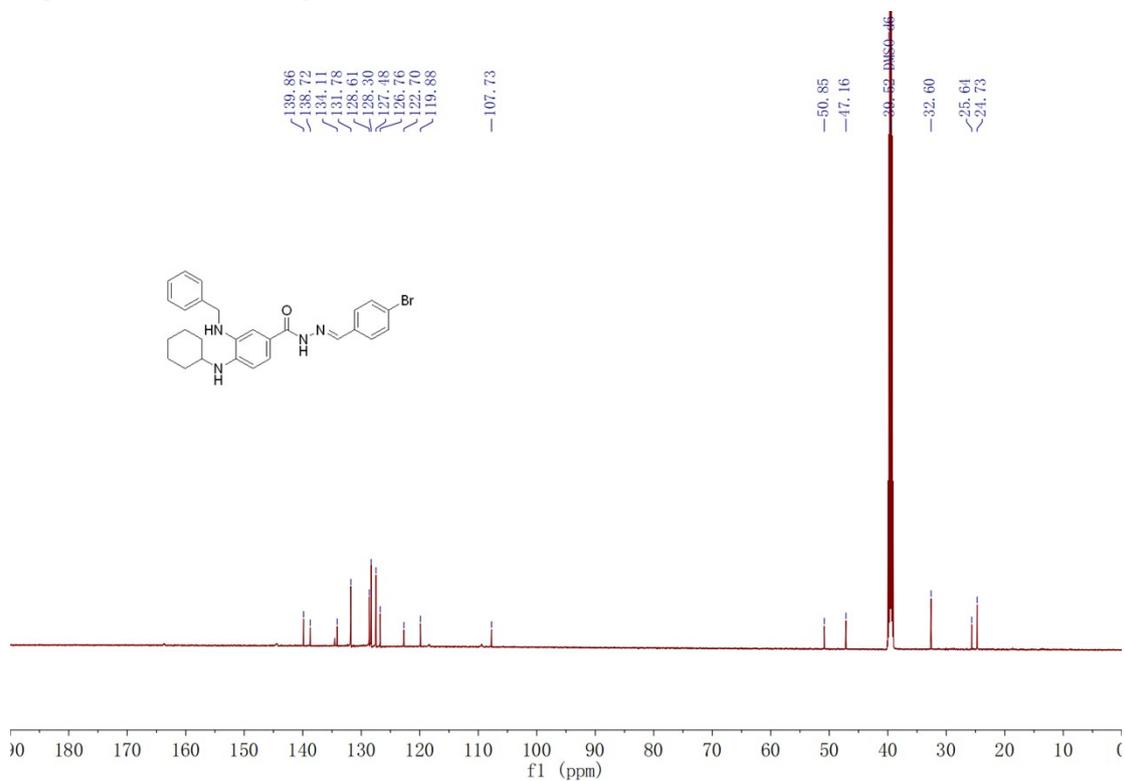


Figure 17. ^1H NMR spectrum of **10**

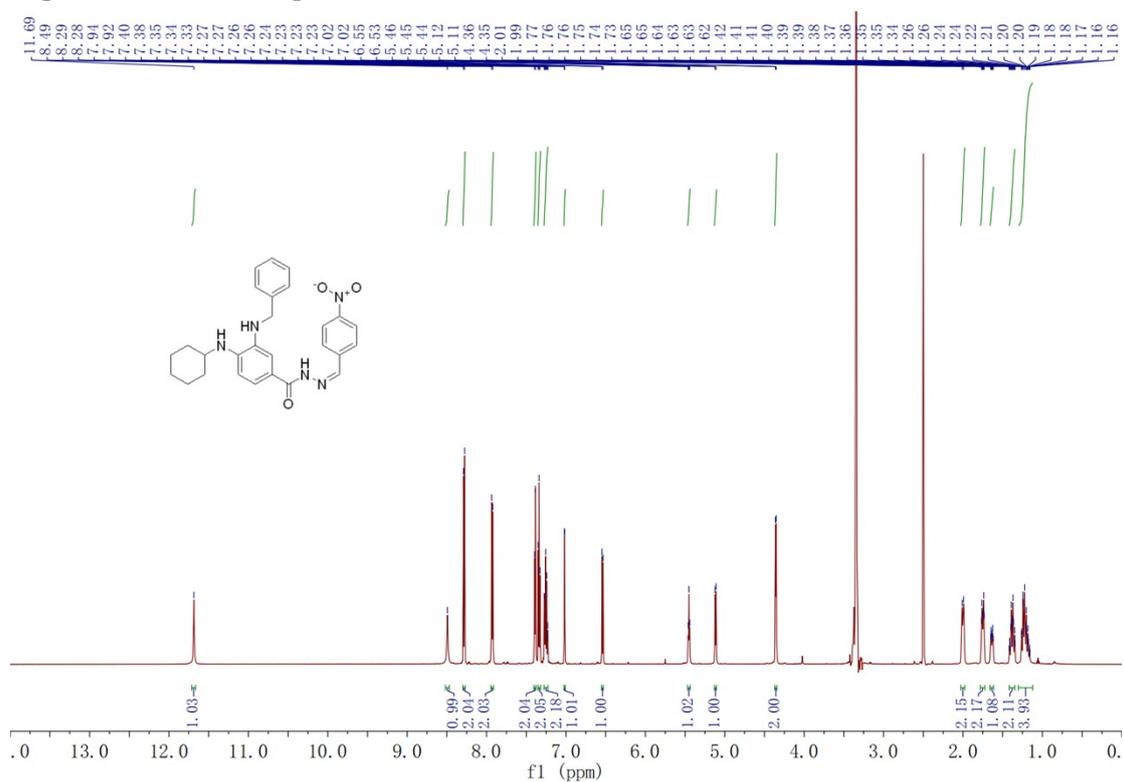


Figure 18. ^{13}C NMR spectrum of **10**

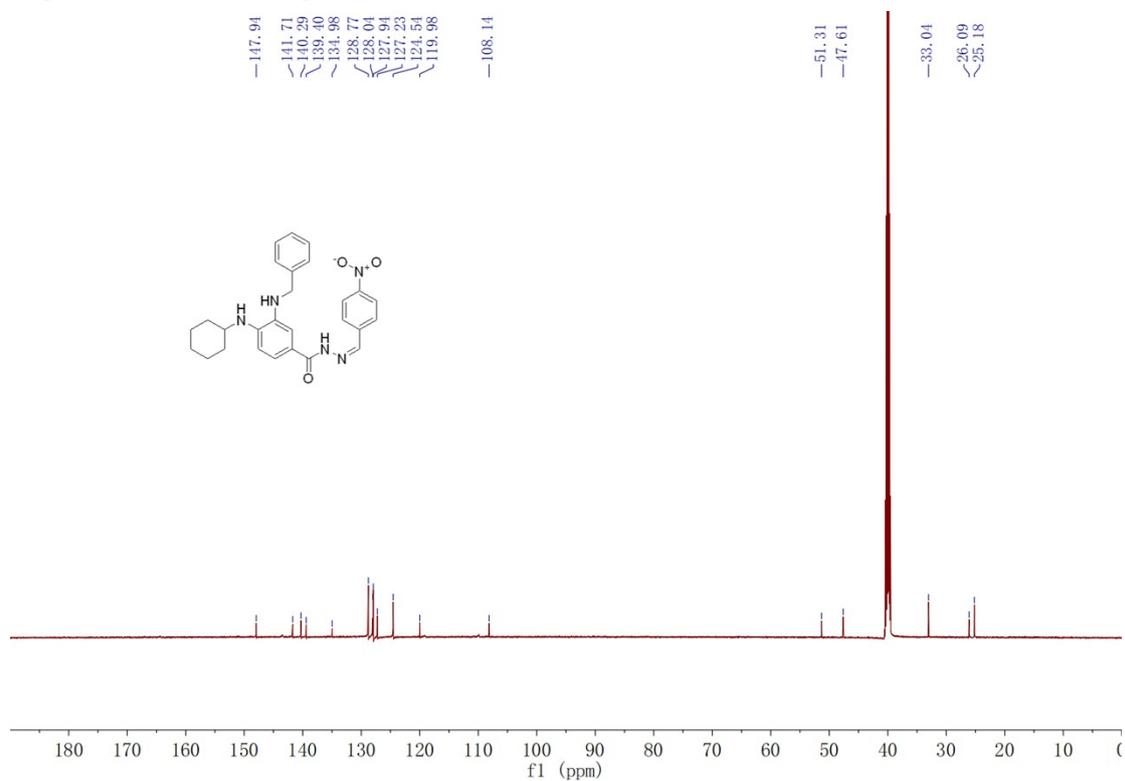


Figure 19. ^1H NMR spectrum of **11**

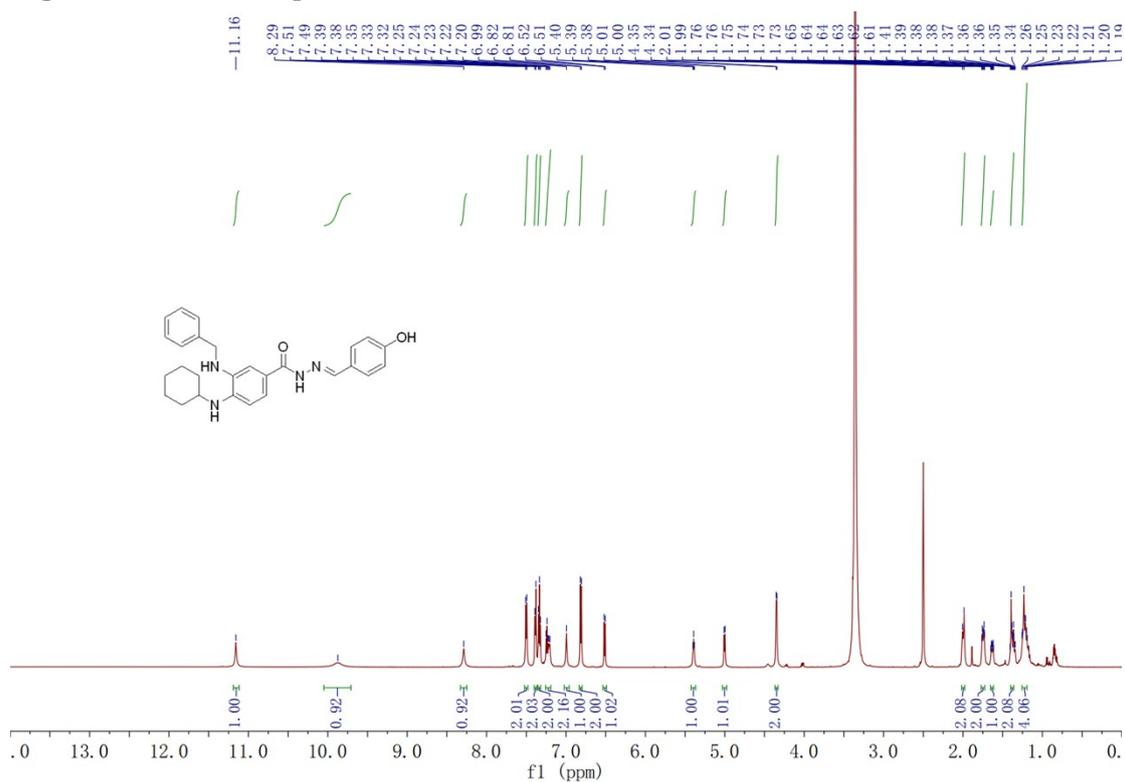


Figure 20. ^{13}C NMR spectrum of **11**

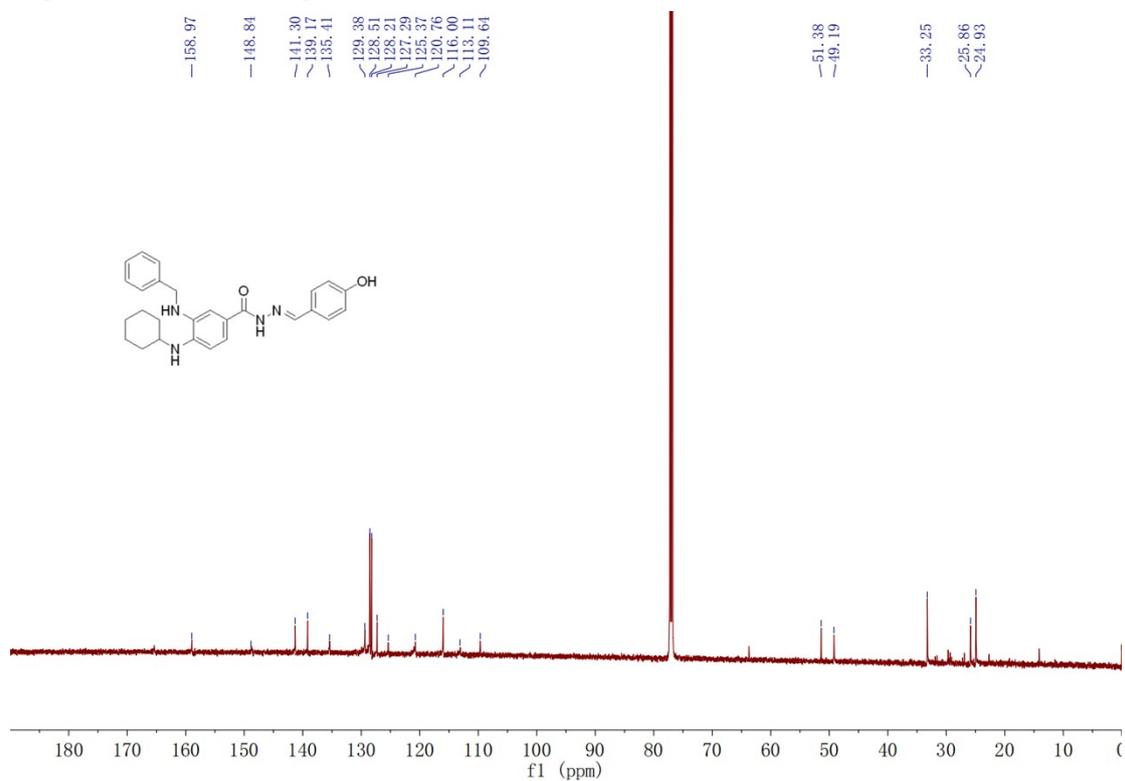


Figure 21. ^1H NMR spectrum of 12

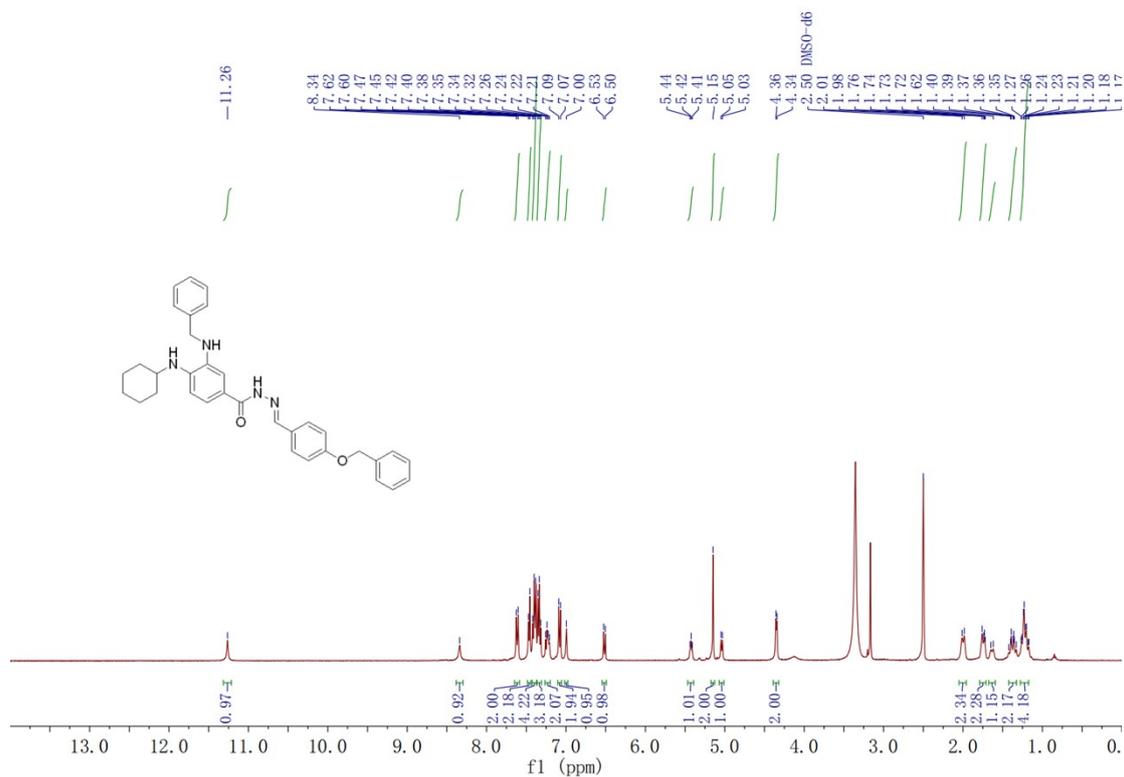


Figure 22. ^{13}C NMR spectrum of 12

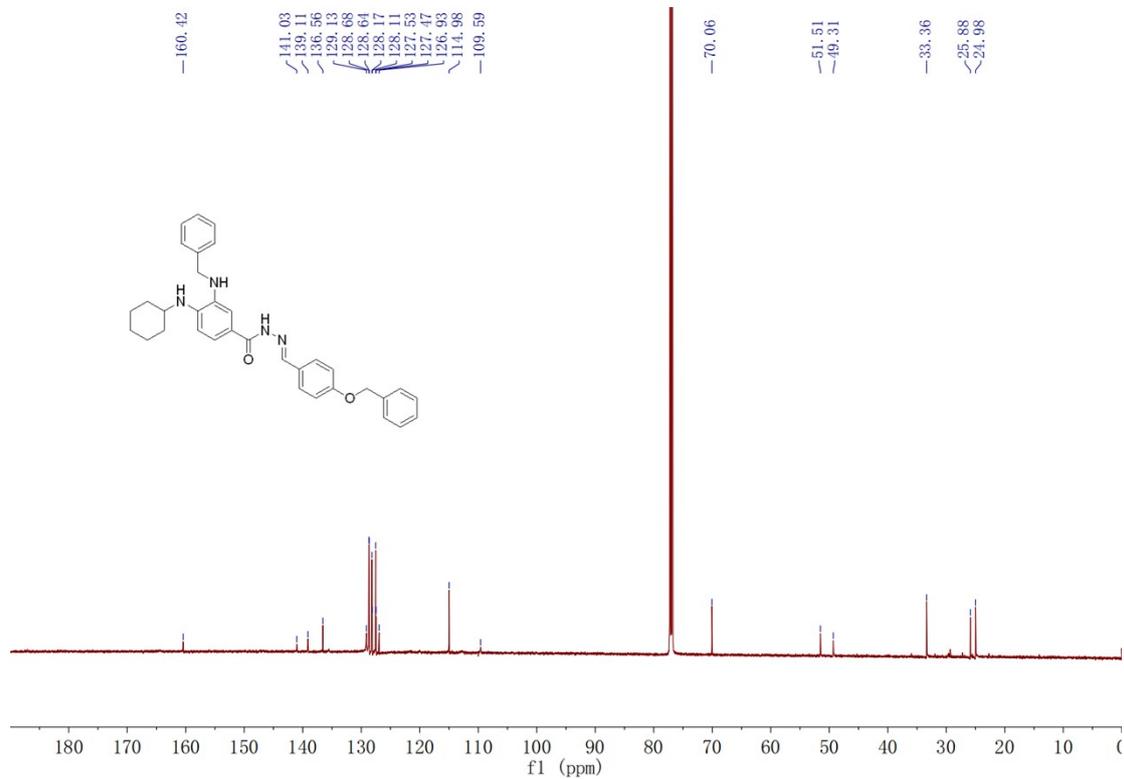


Figure 23. ^1H NMR spectrum of **13**

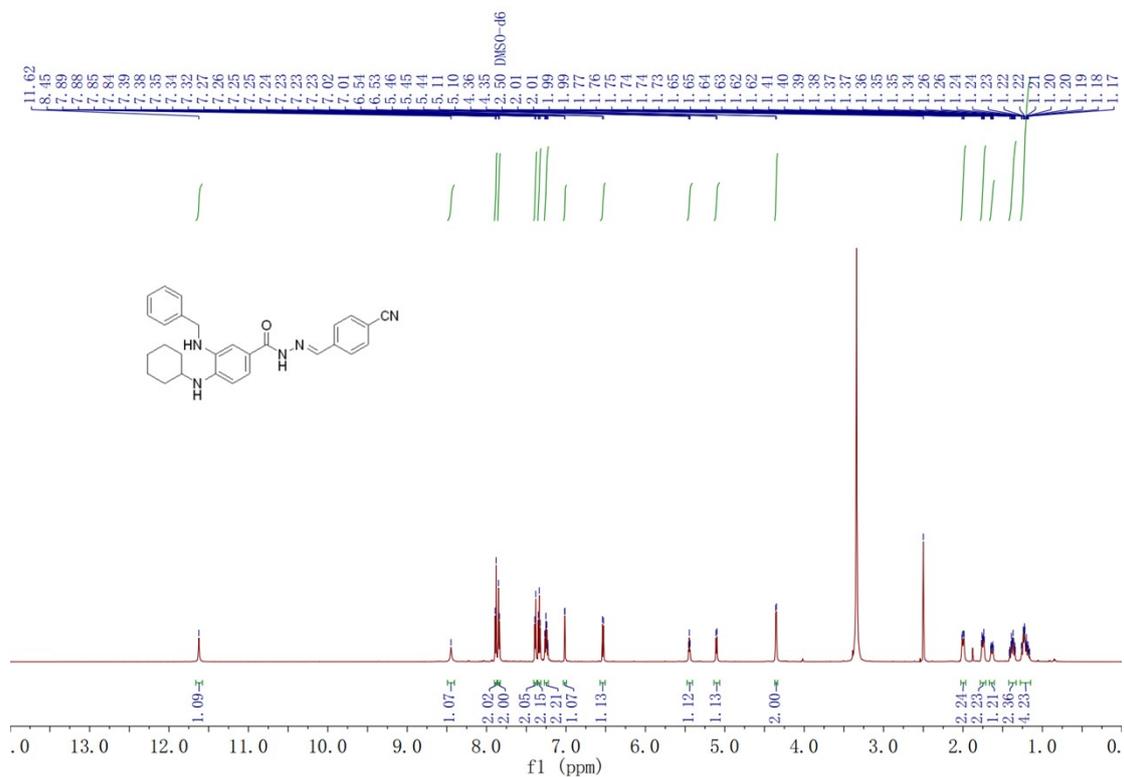


Figure 24. ^{13}C NMR spectrum of **13**

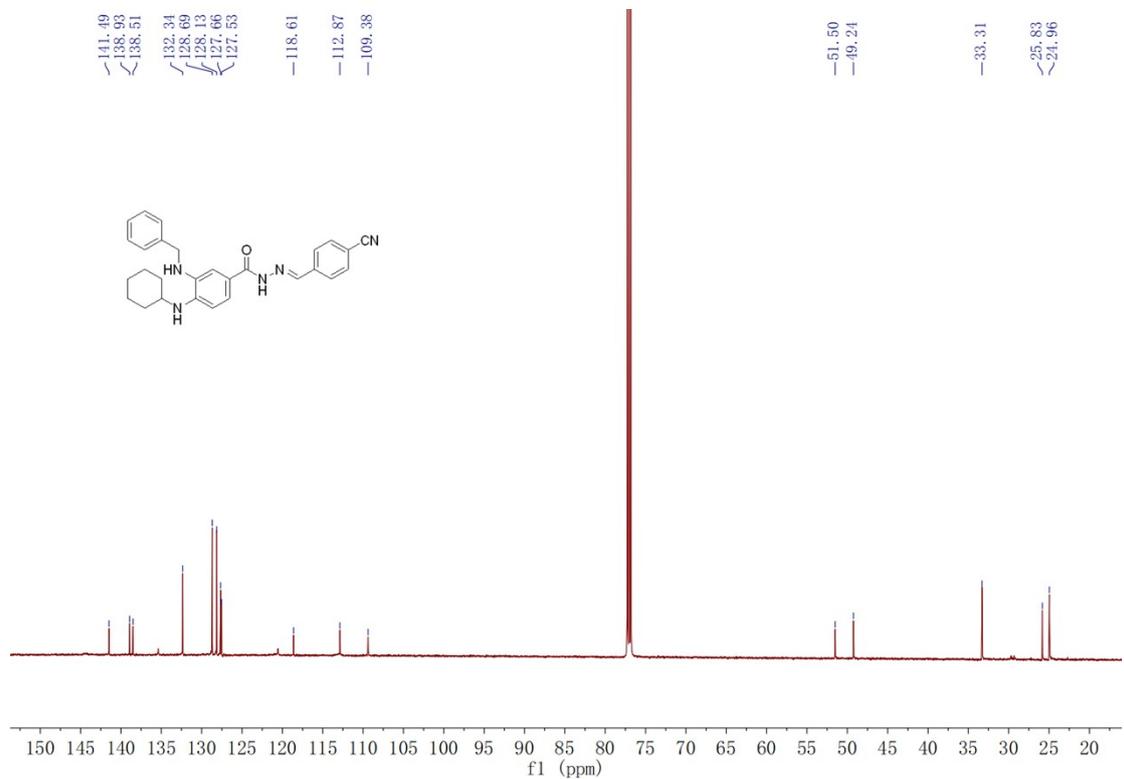


Figure 25. ^1H NMR spectrum of 14

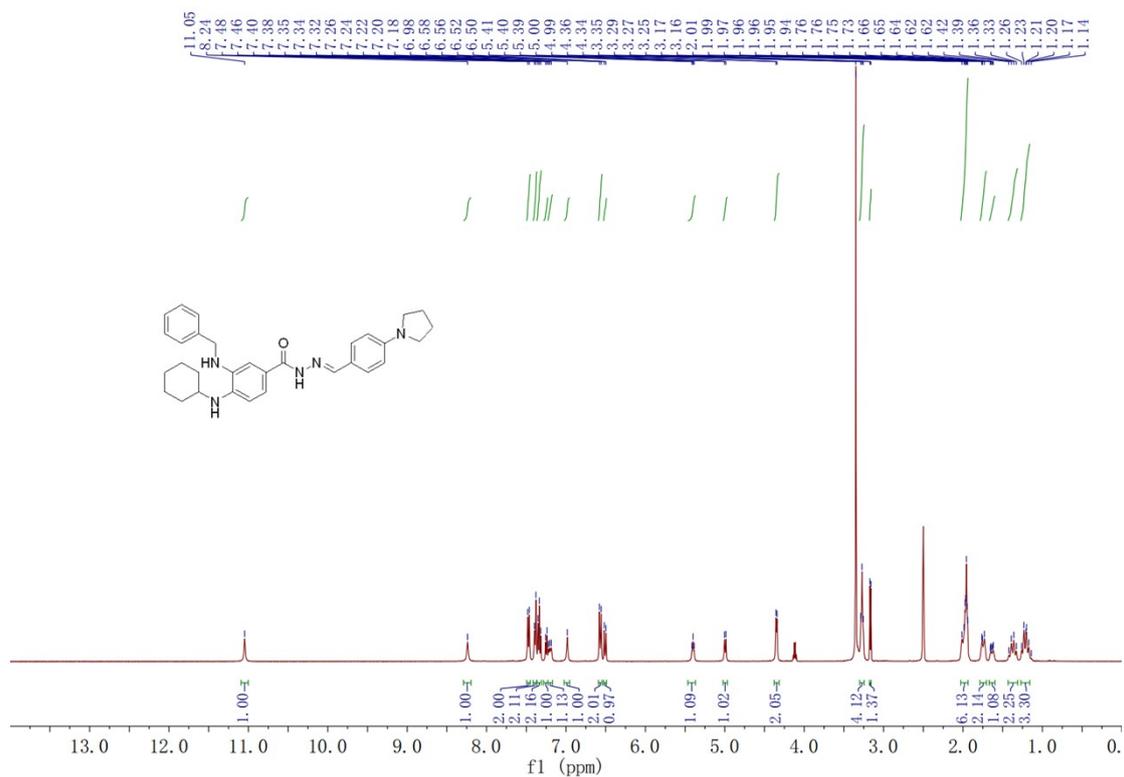


Figure 26. ^{13}C NMR spectrum of 14

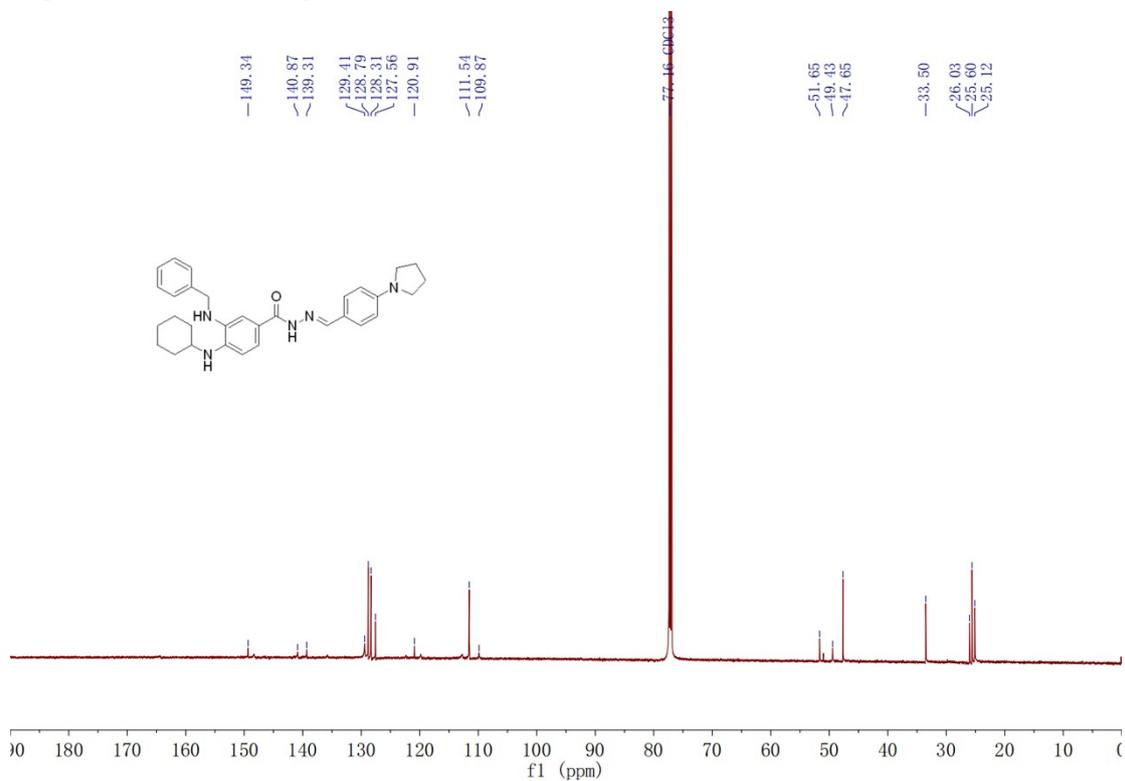


Figure 27. ¹H NMR spectrum of 15

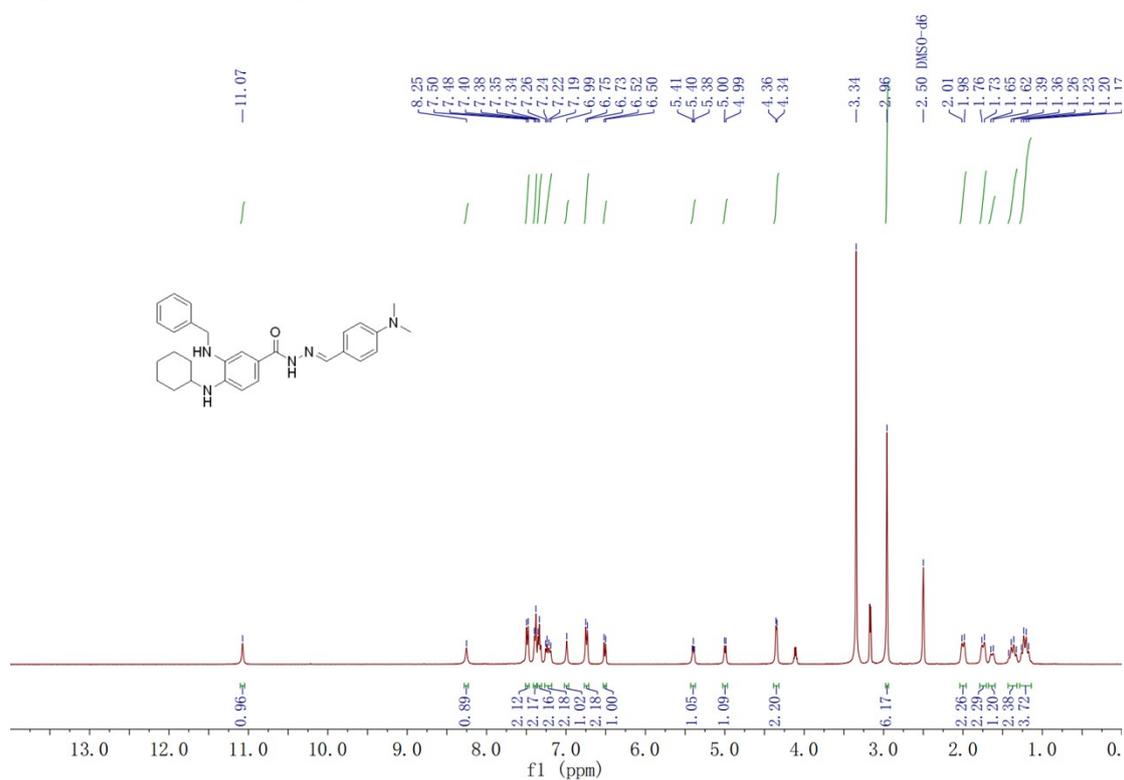


Figure 28. ¹³C NMR spectrum of 15

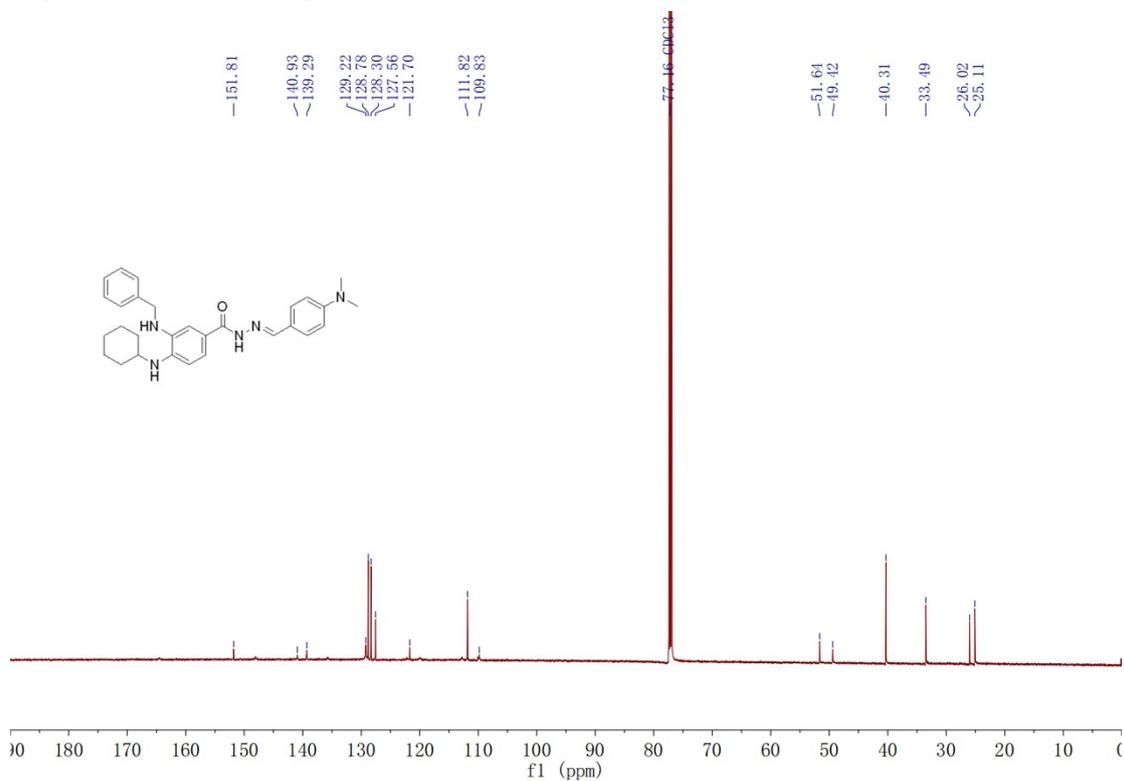


Figure 29. ^1H NMR spectrum of **16**

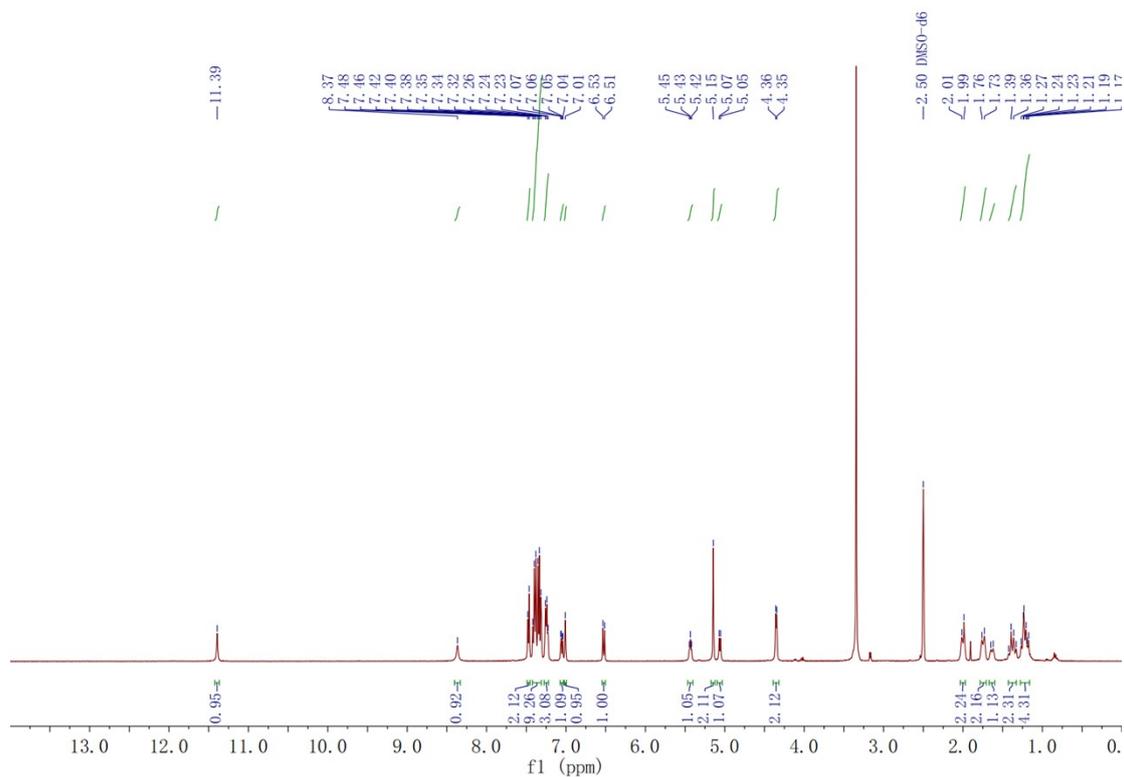


Figure 30. ^{13}C NMR spectrum of **16**

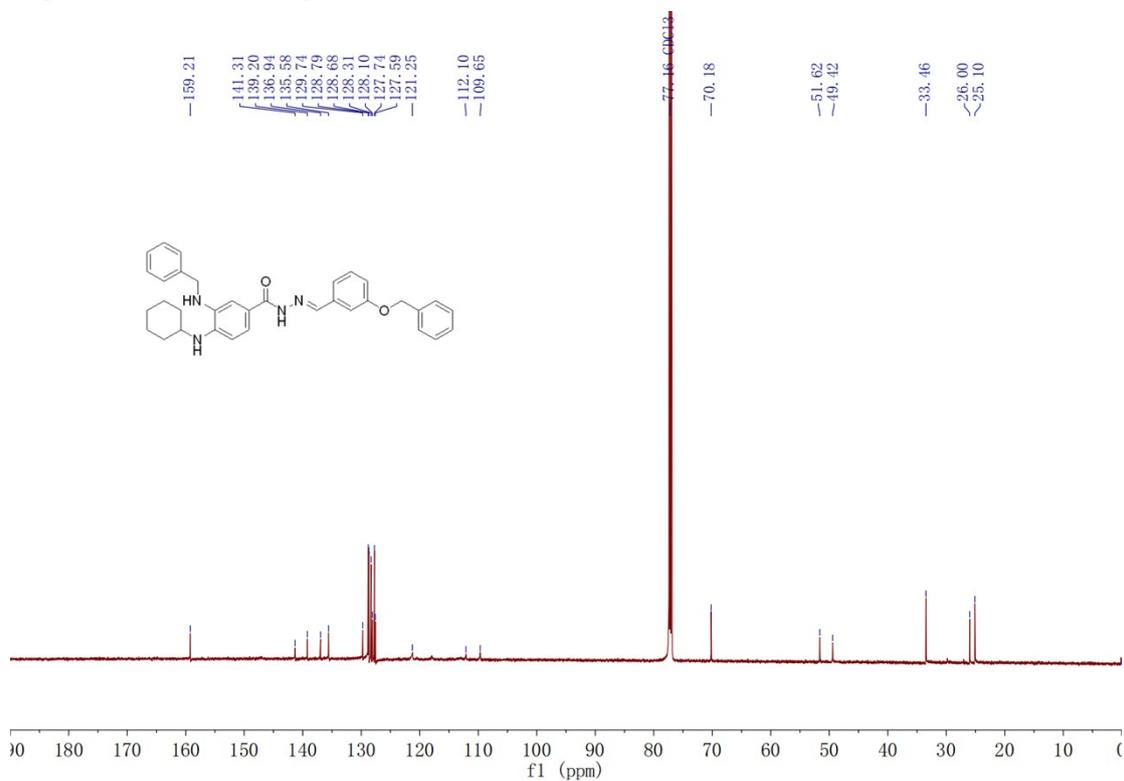


Figure 31. ^1H NMR spectrum of **17**

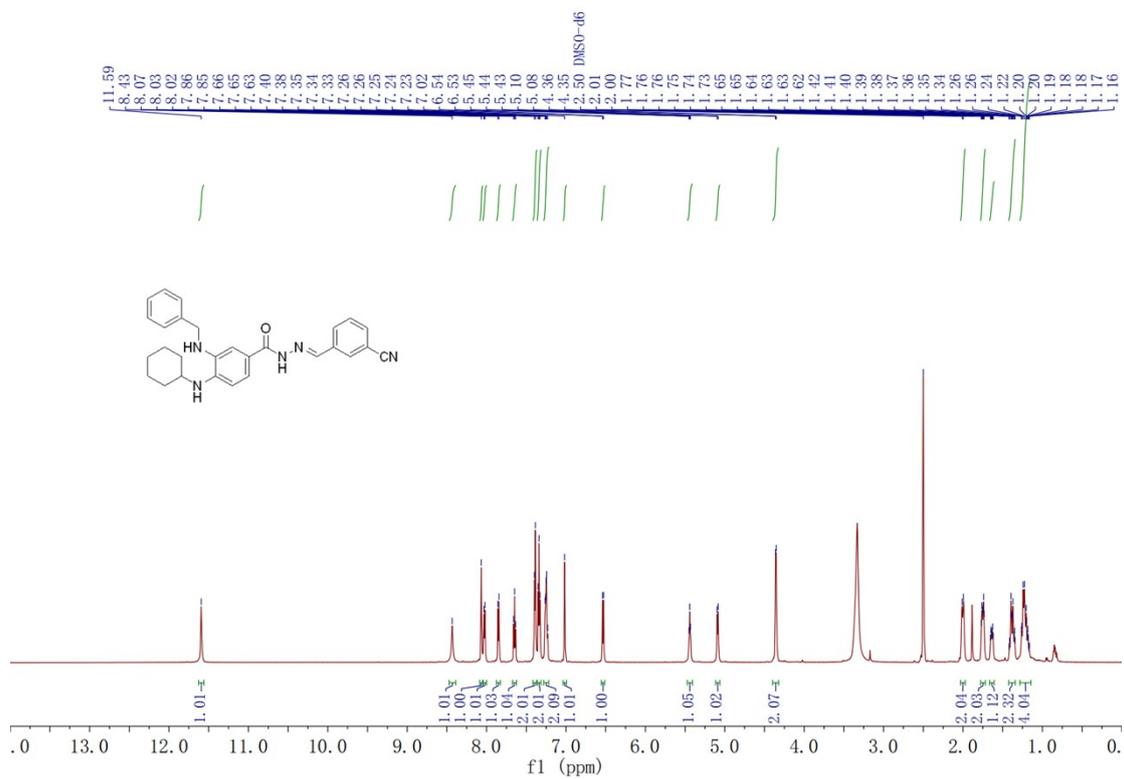


Figure 33. ^1H NMR spectrum of **18**

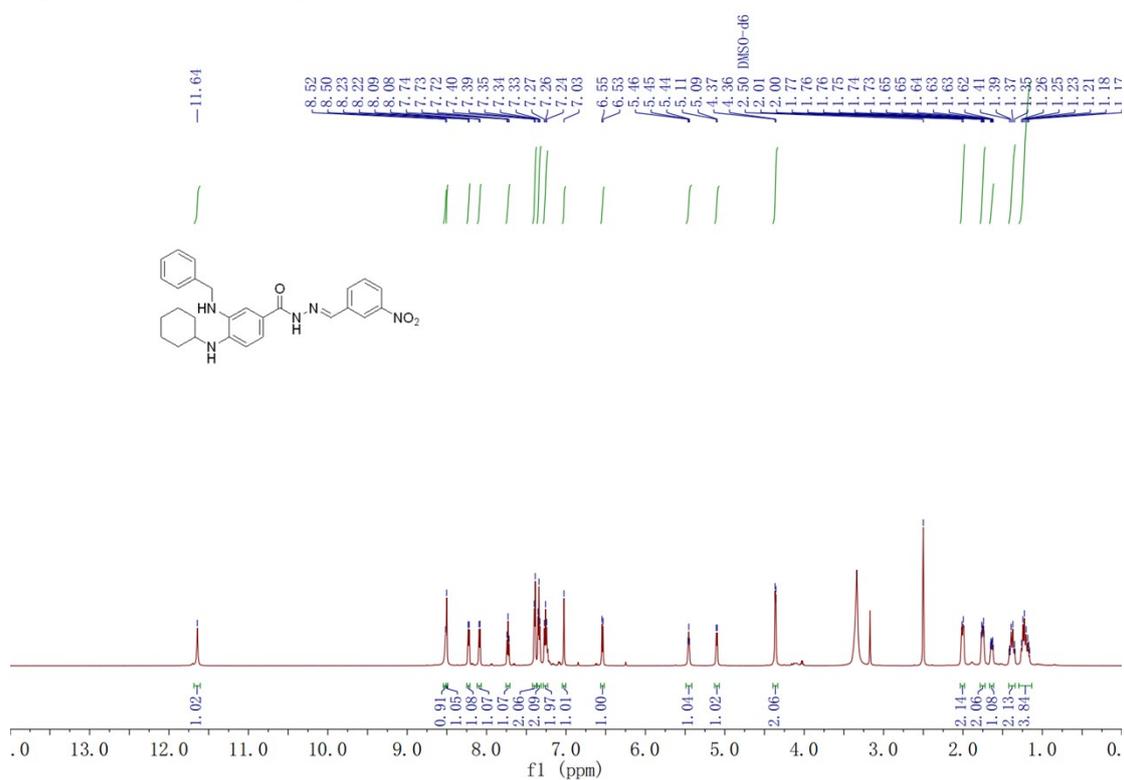


Figure 34. ^{13}C NMR spectrum of **18**

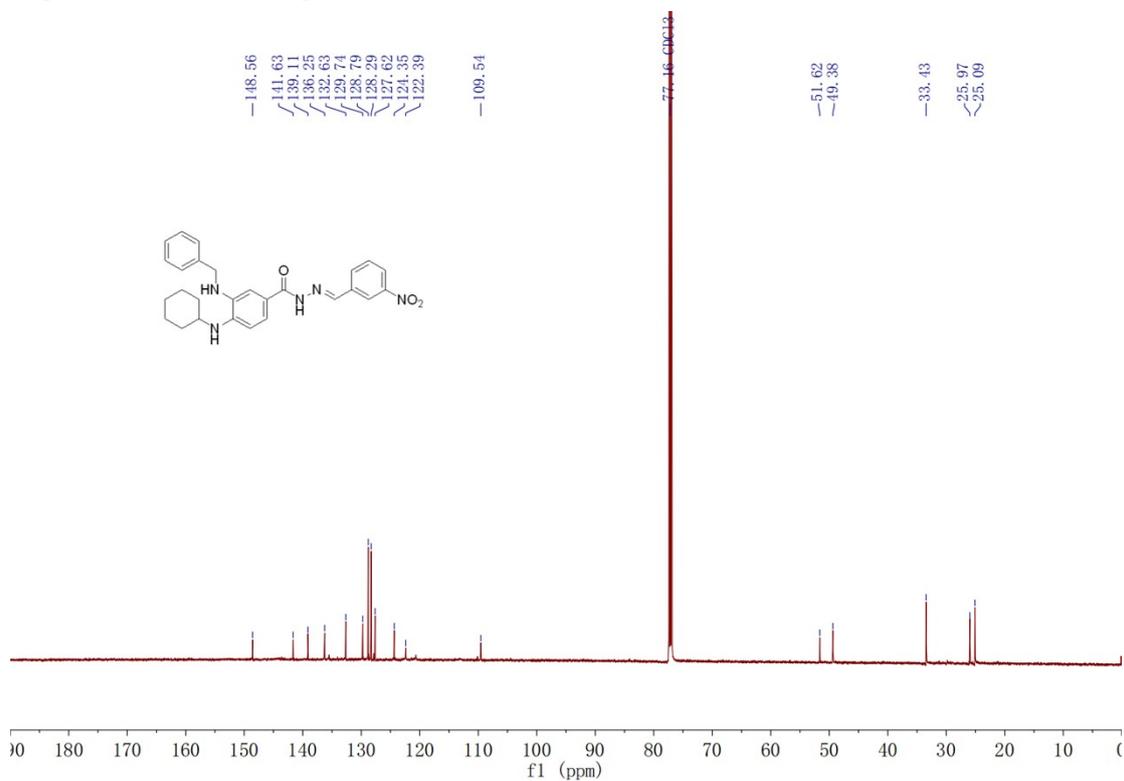


Figure 35. ^1H NMR spectrum of **19**

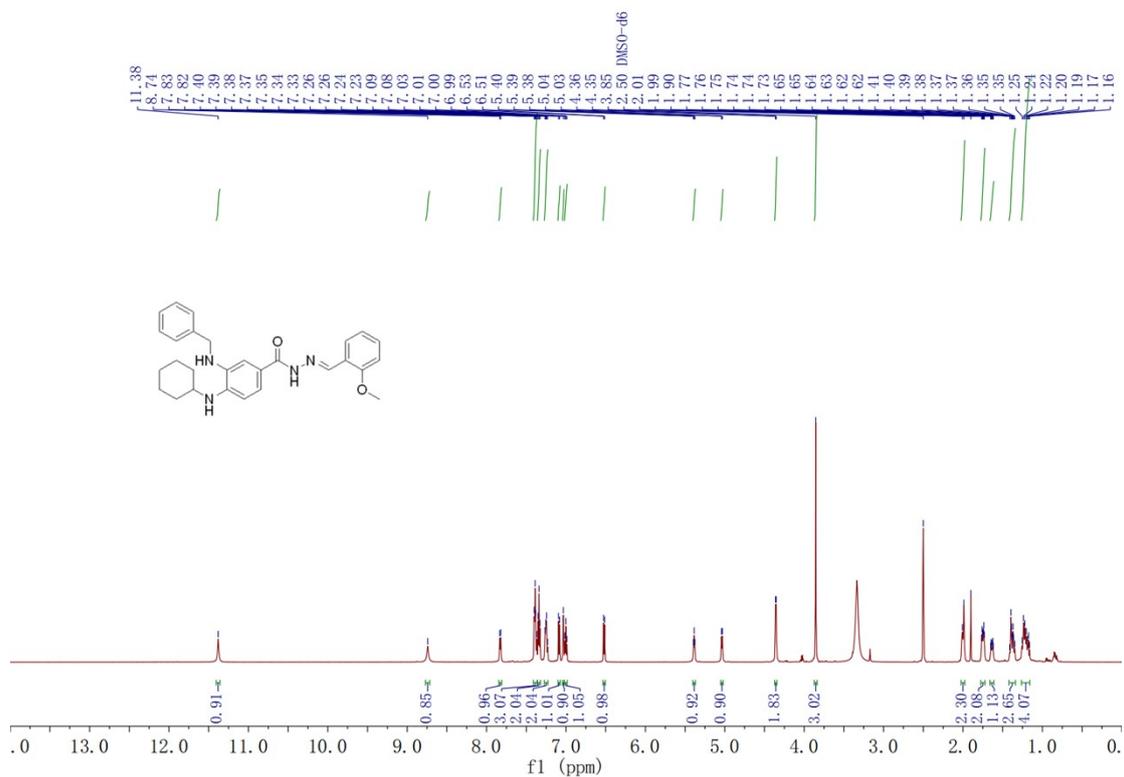


Figure 36. ^{13}C NMR spectrum of **19**

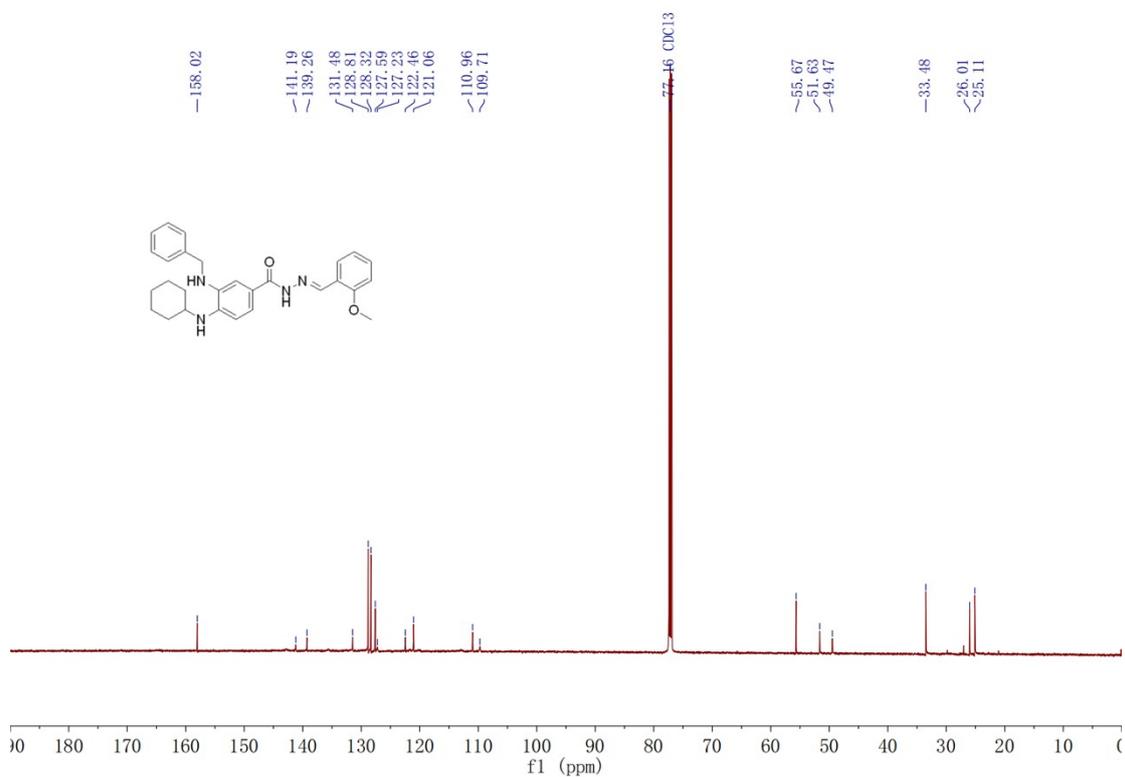


Figure 37. ^1H NMR spectrum of 20

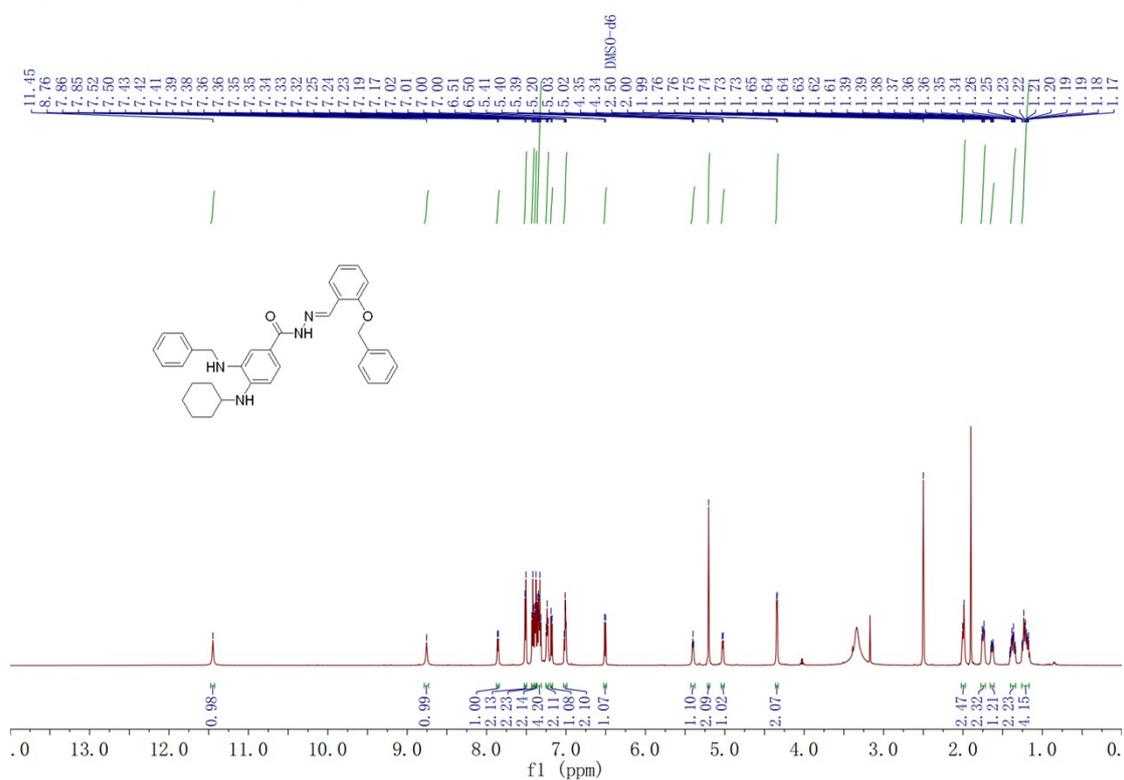


Figure 38. ^{13}C NMR spectrum of 20

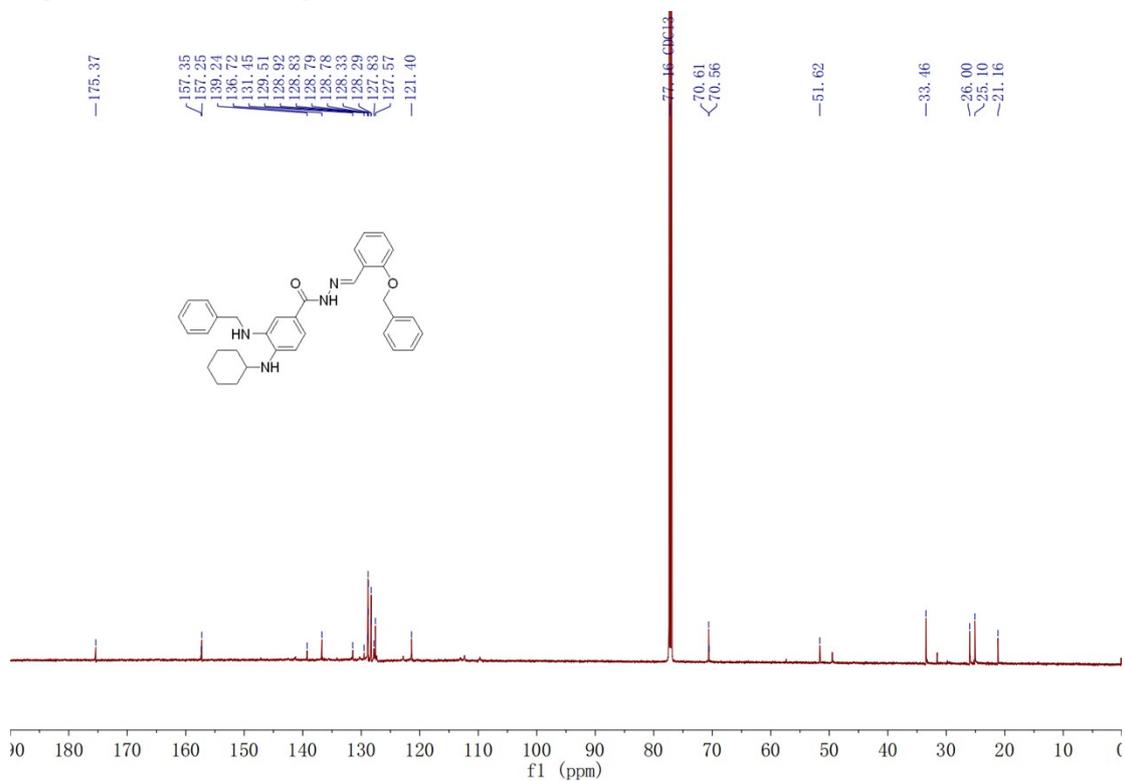


Figure 39. ^1H NMR spectrum of **21**

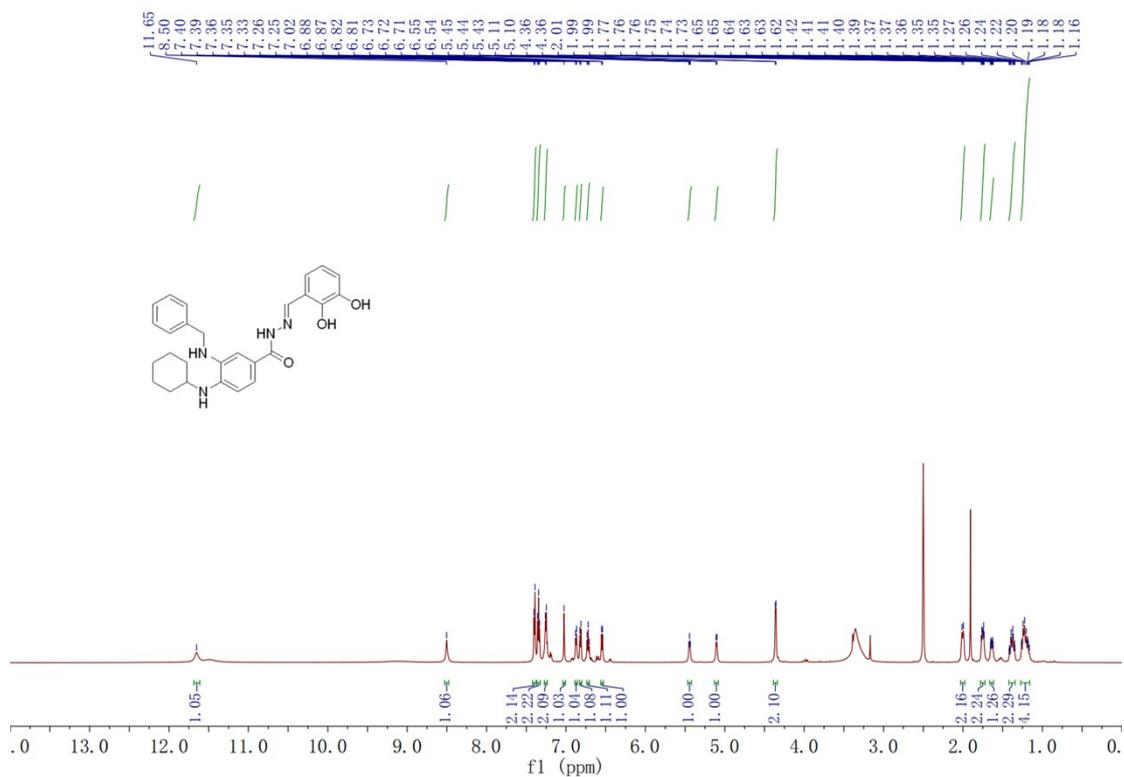


Figure 40. ^{13}C NMR spectrum of **21**

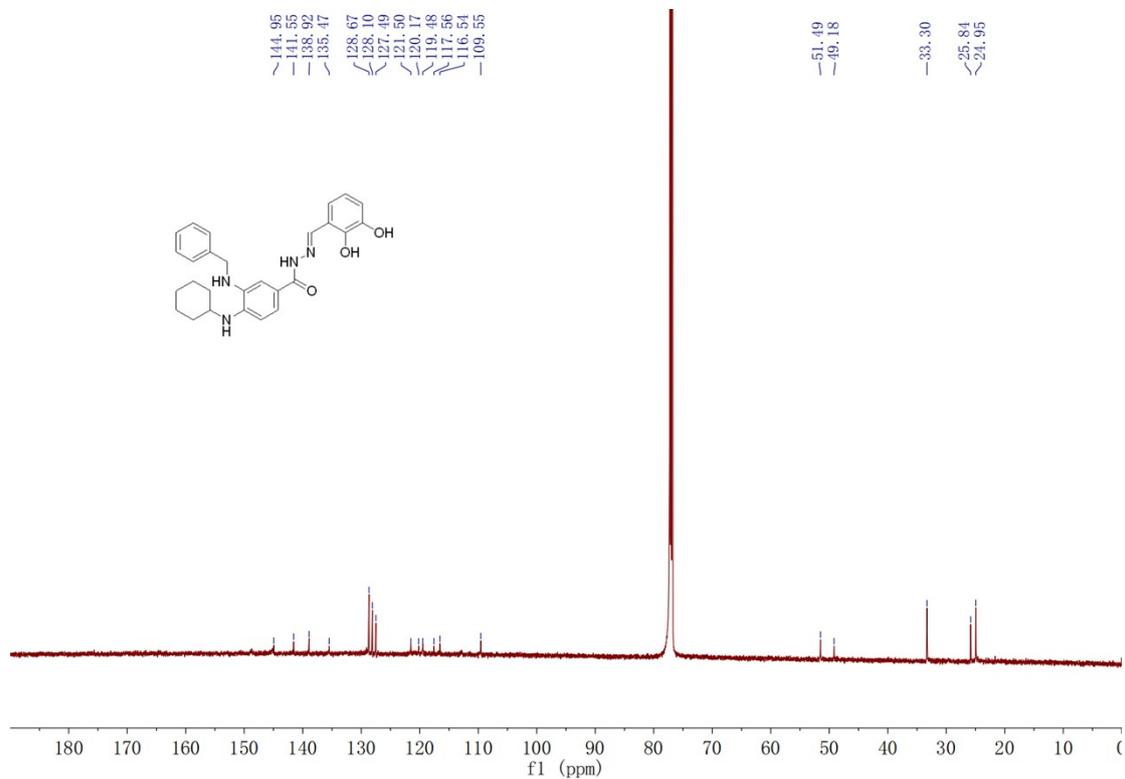


Figure 41. ^1H NMR spectrum of **22**

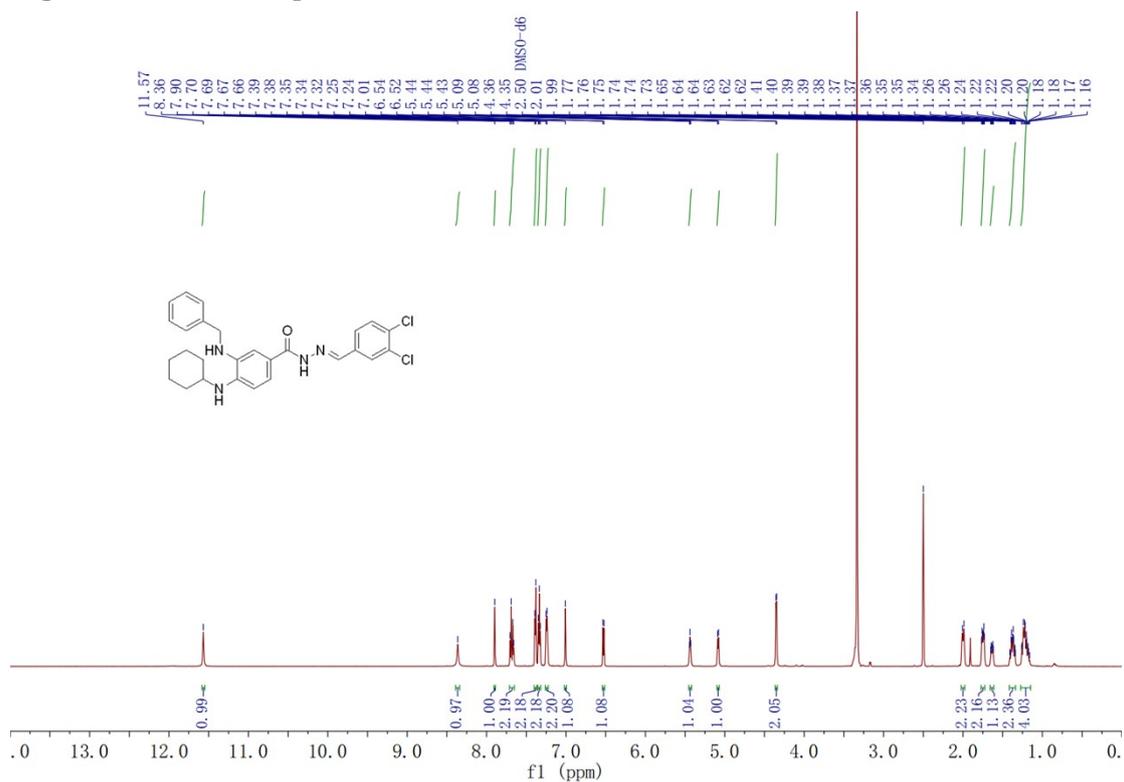


Figure 42. ^{13}C NMR spectrum of **22**

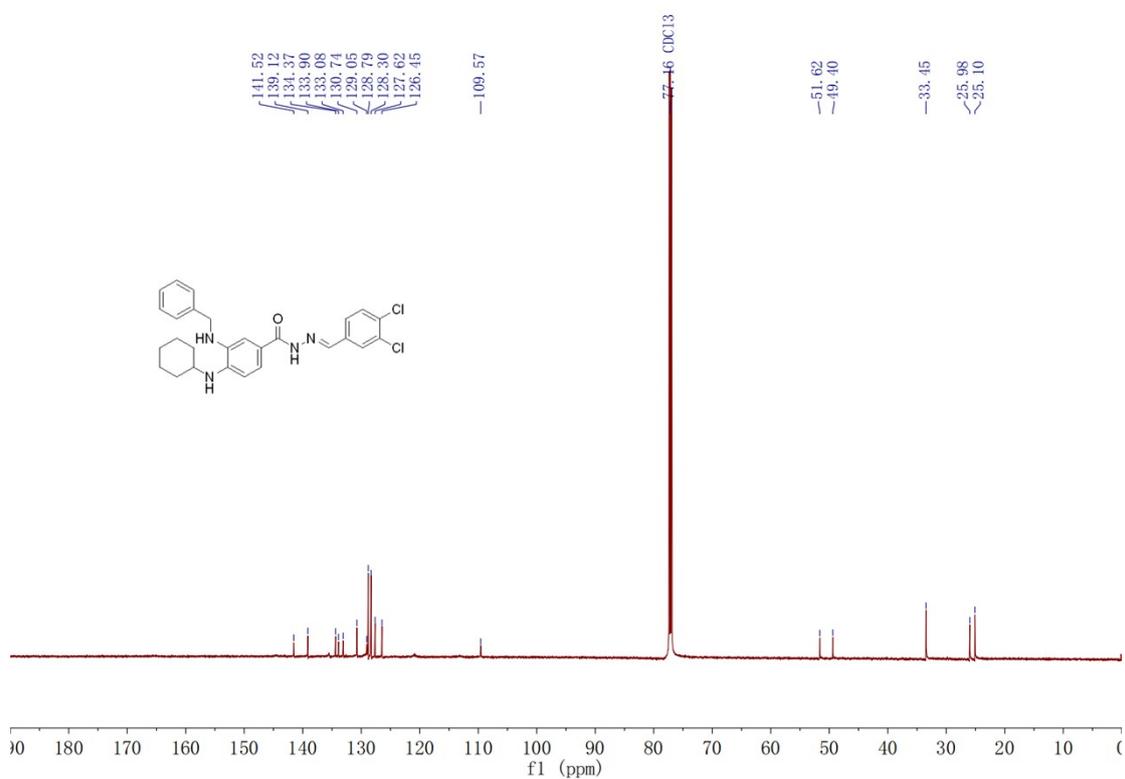


Figure 43. ^1H NMR spectrum of **23**

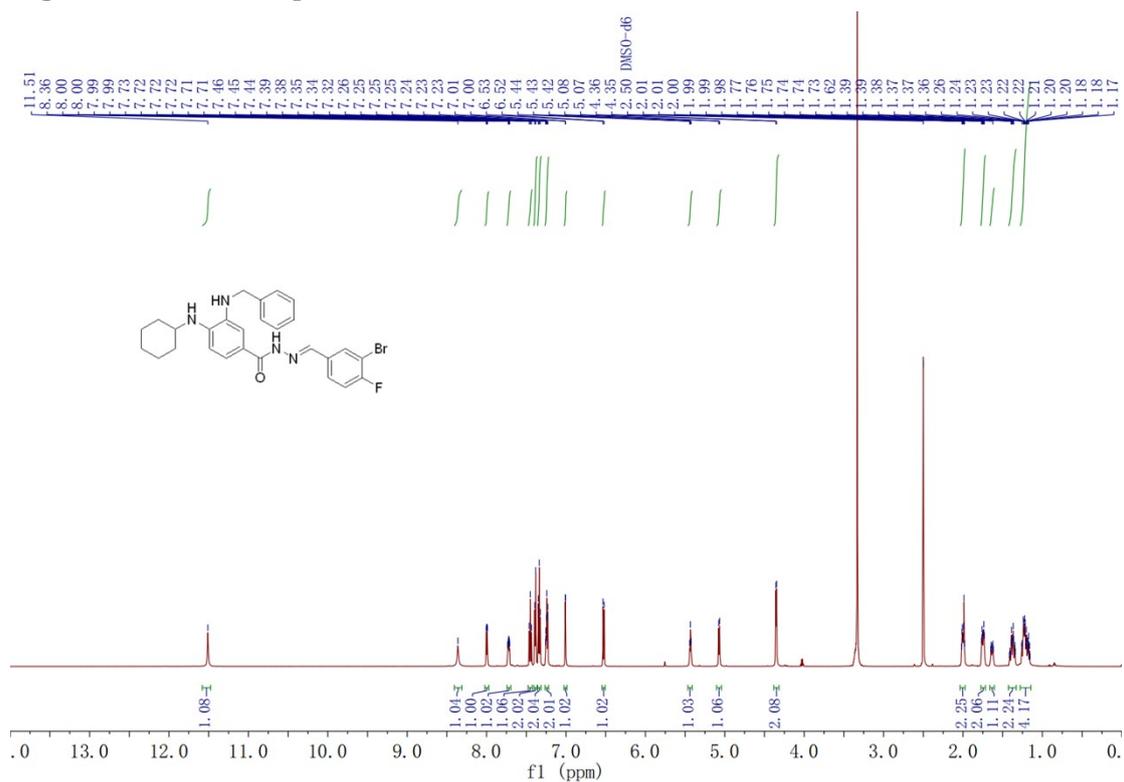


Figure 44. ^{13}C NMR spectrum of **23**

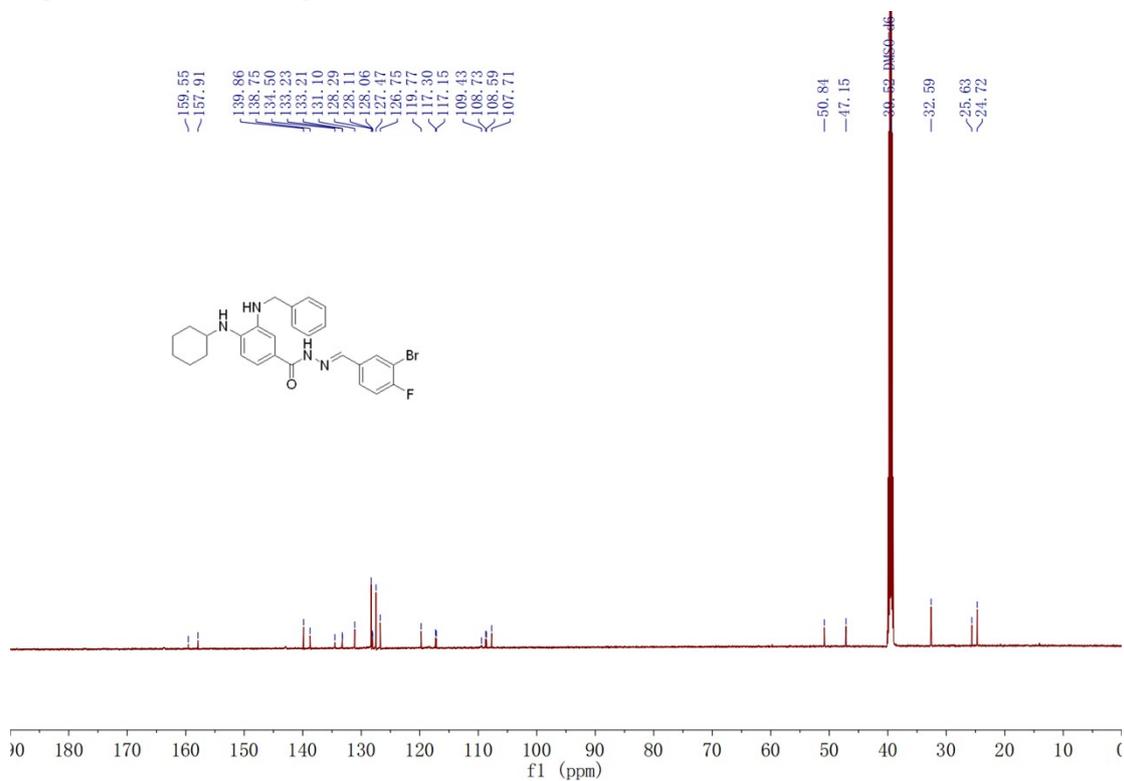


Figure 45. ^1H NMR spectrum of 24

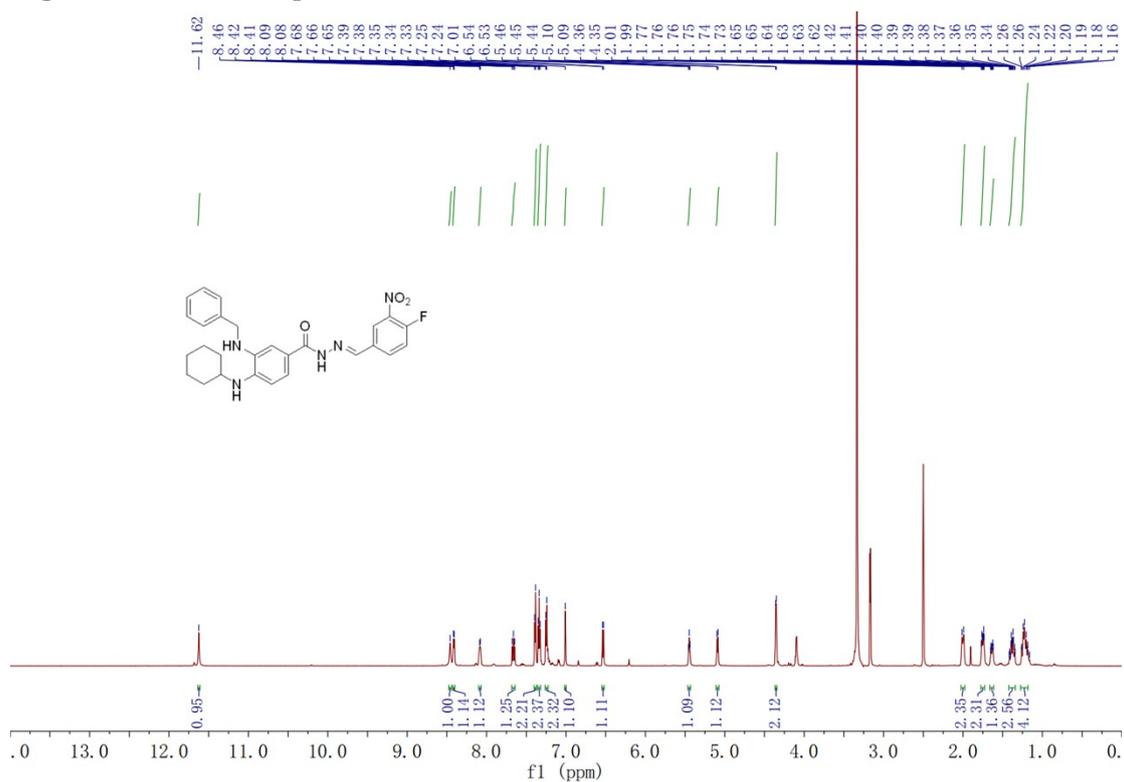


Figure 46. ^{13}C NMR spectrum of 24

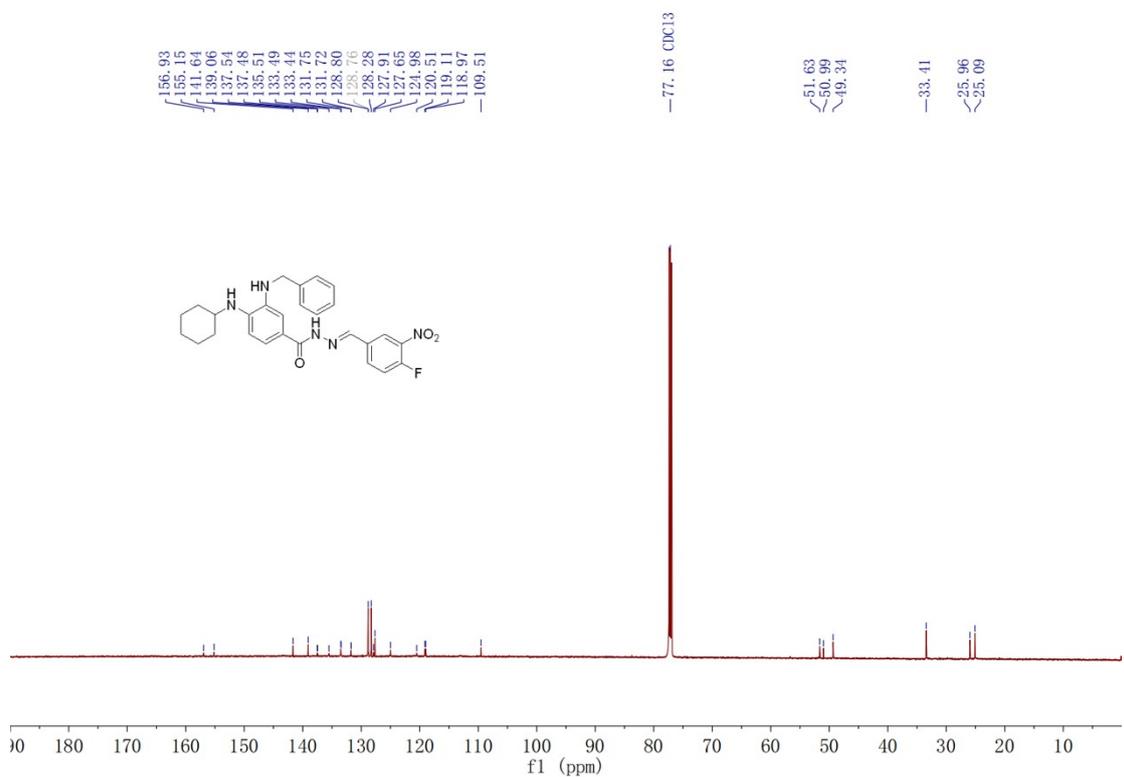


Figure 47. ^1H NMR spectrum of **25**

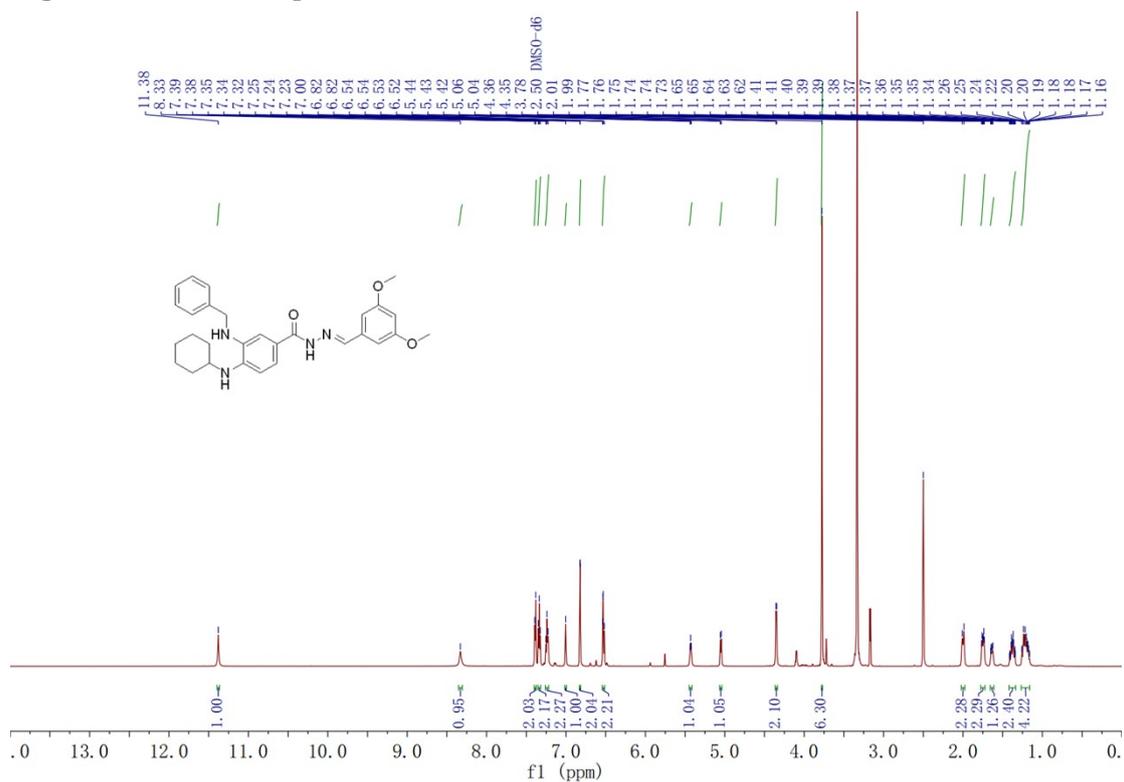


Figure 48. ^{13}C NMR spectrum of **25**

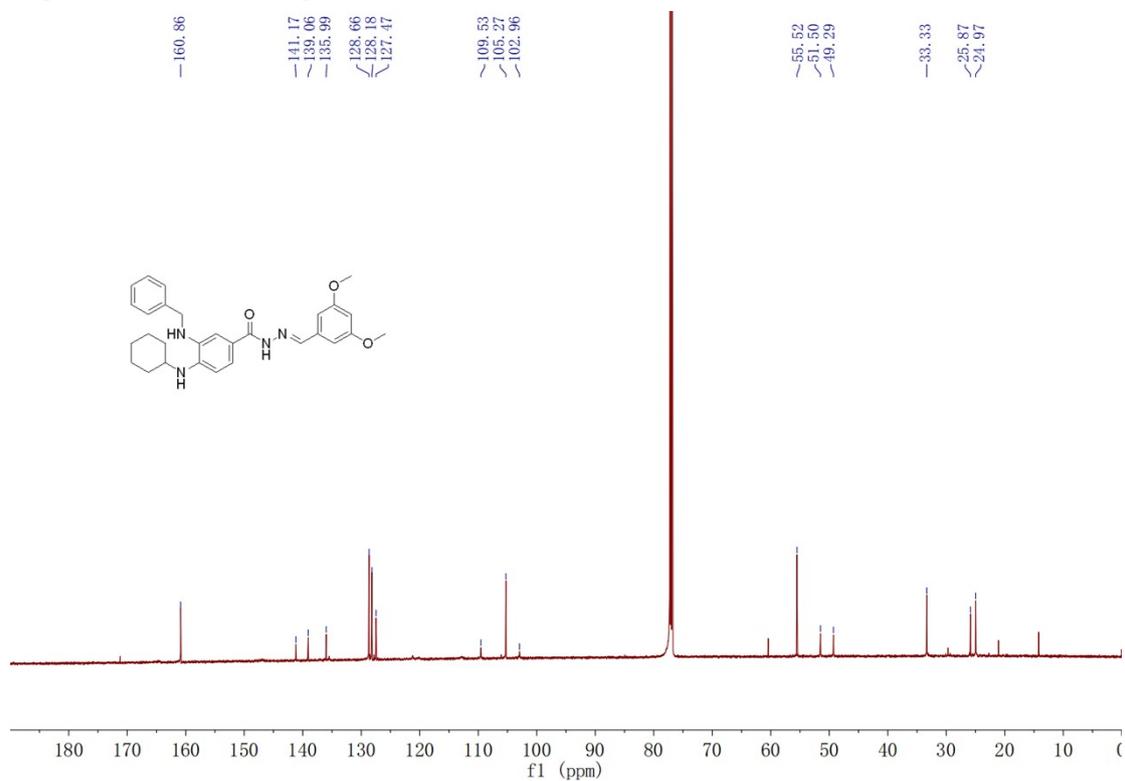


Figure 49. ¹H NMR spectrum of 26

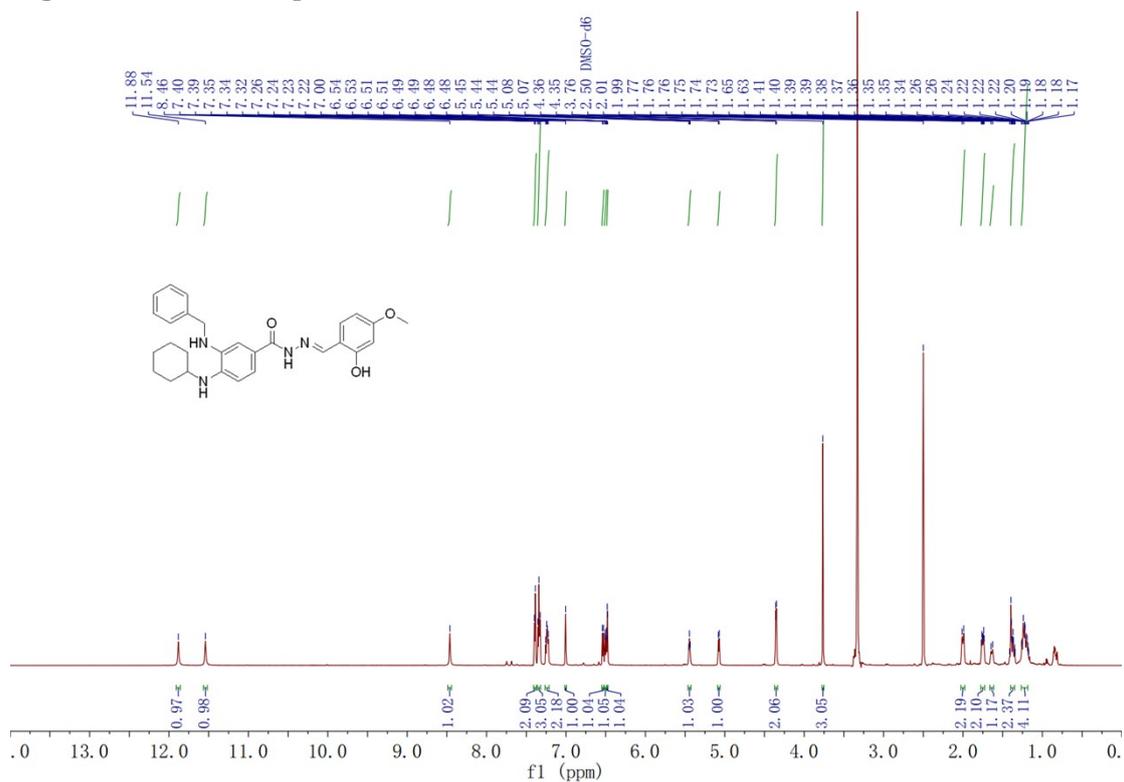


Figure 50. ¹³C NMR spectrum of 26

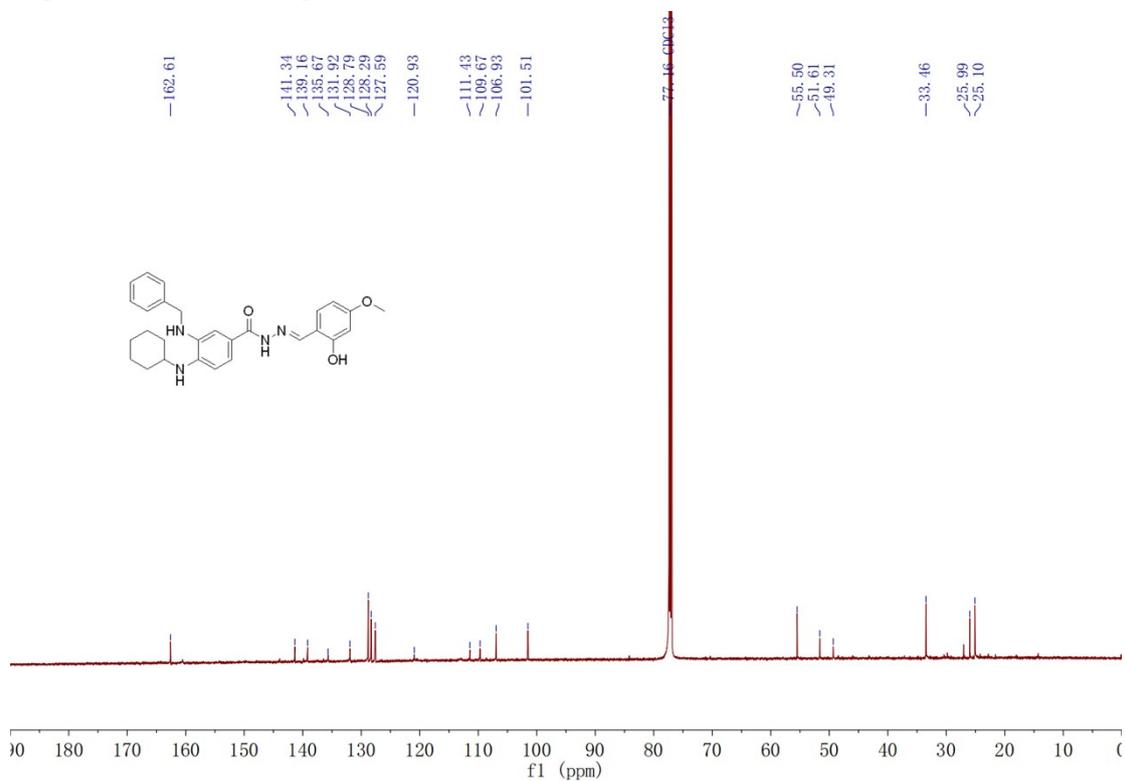


Figure 51. ESIMS spectrum of **7**

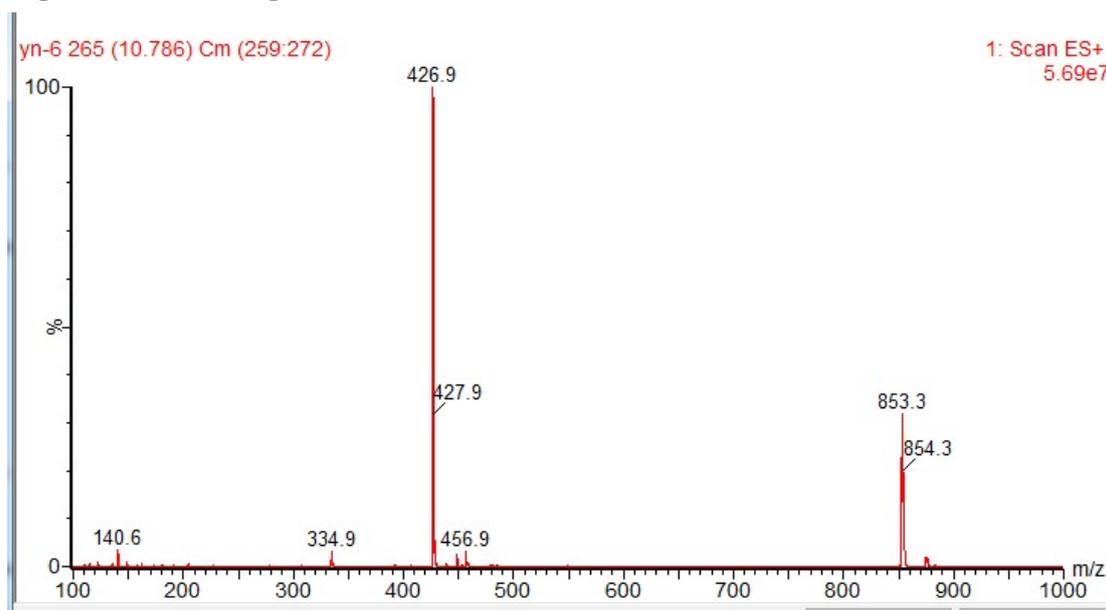


Figure 52. ESIMS spectrum of **8**

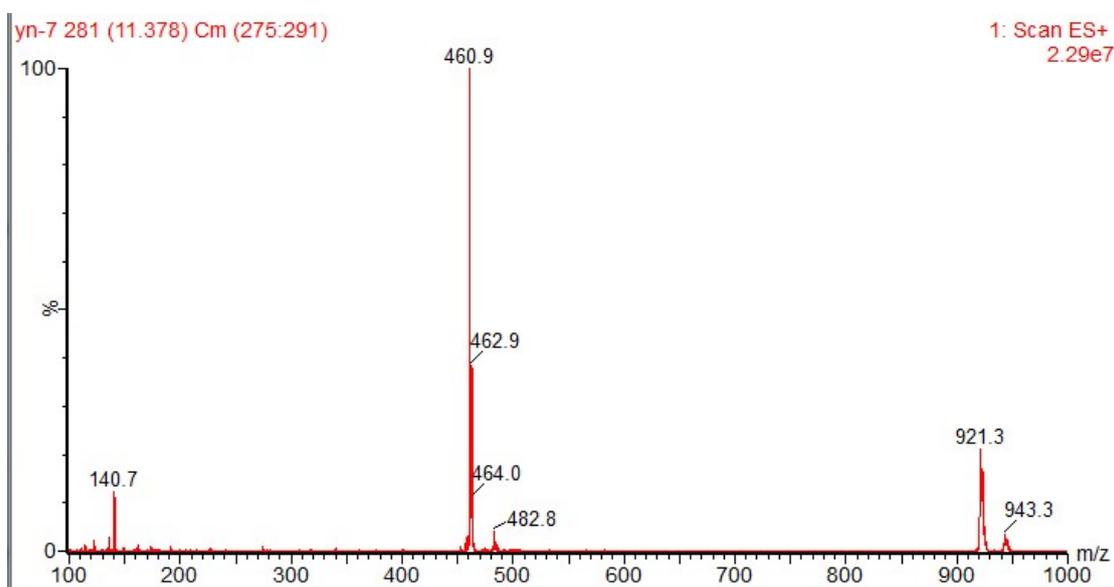


Figure 53. ESIMS spectrum of **9**

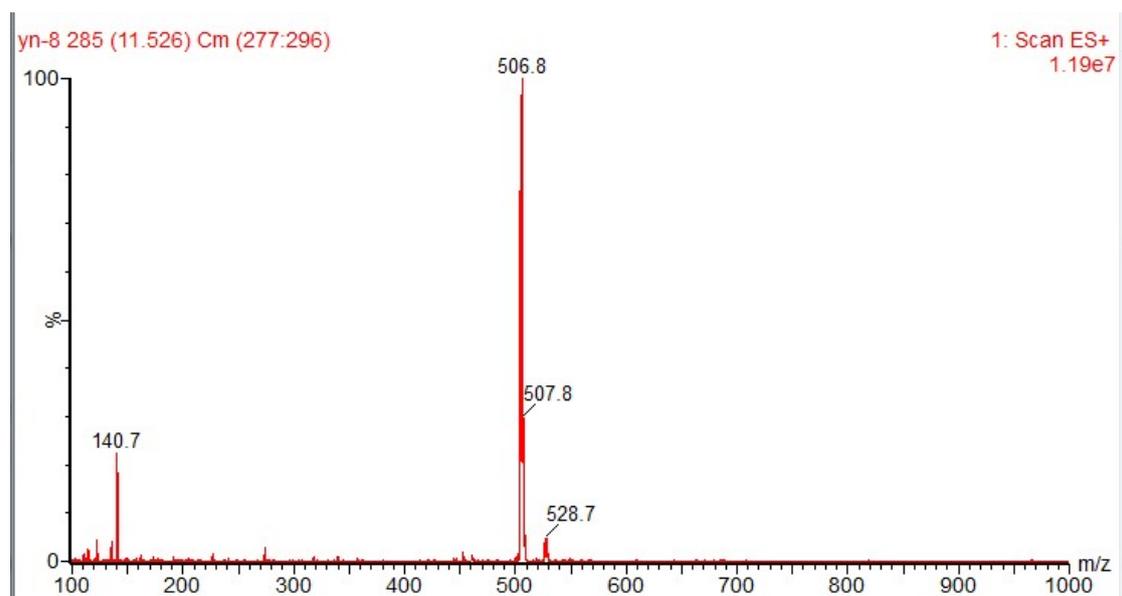


Figure 54. ESIMS spectrum of **10**

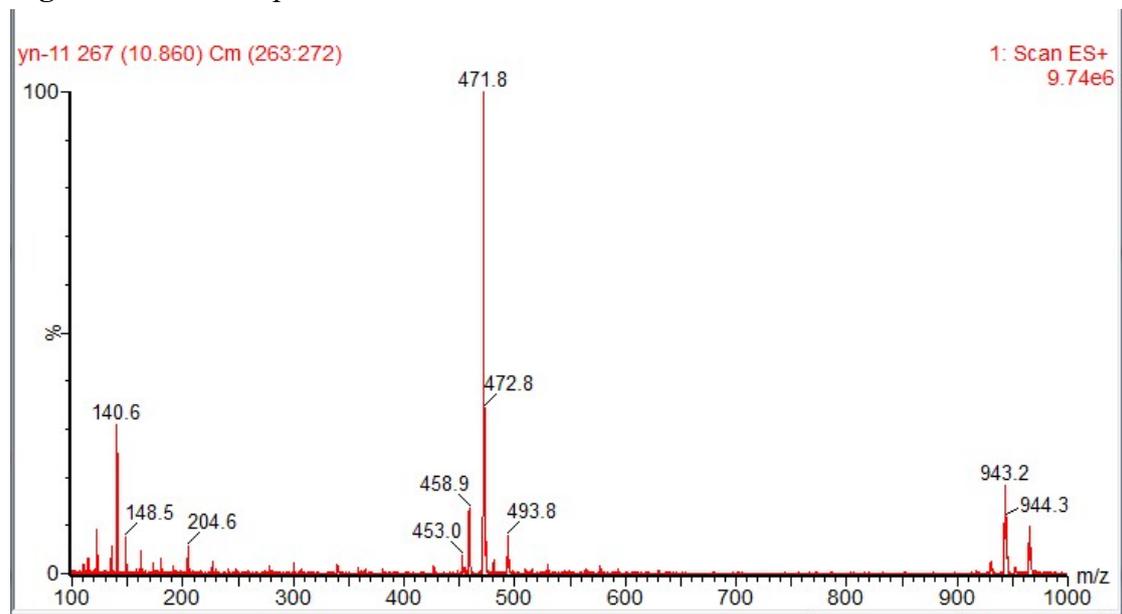


Figure 55. ESIMS spectrum of **11**

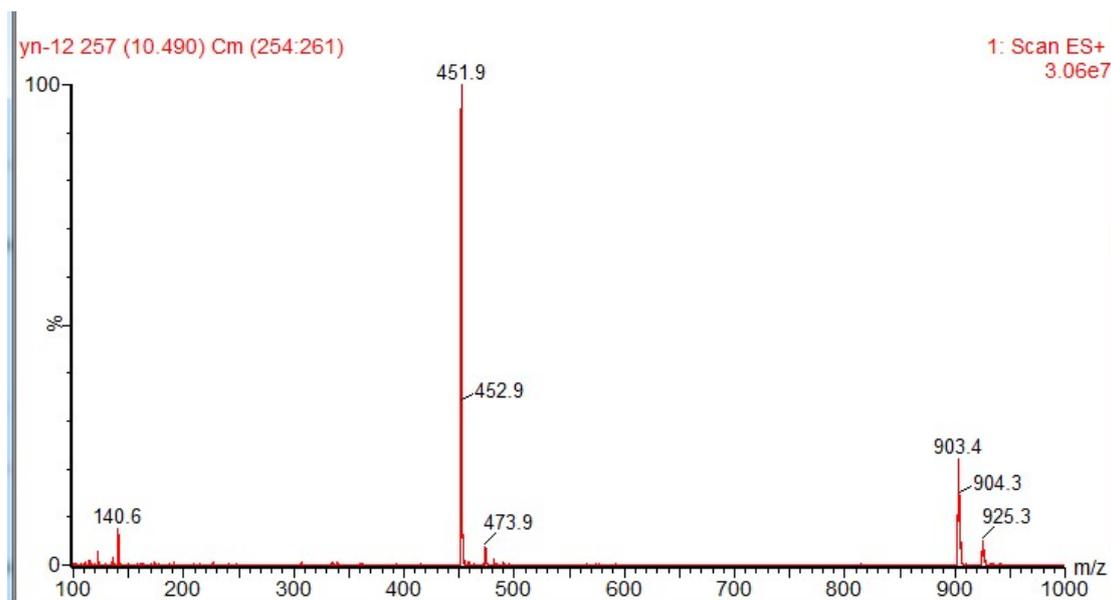


Figure 56. ESIMS spectrum of **12**

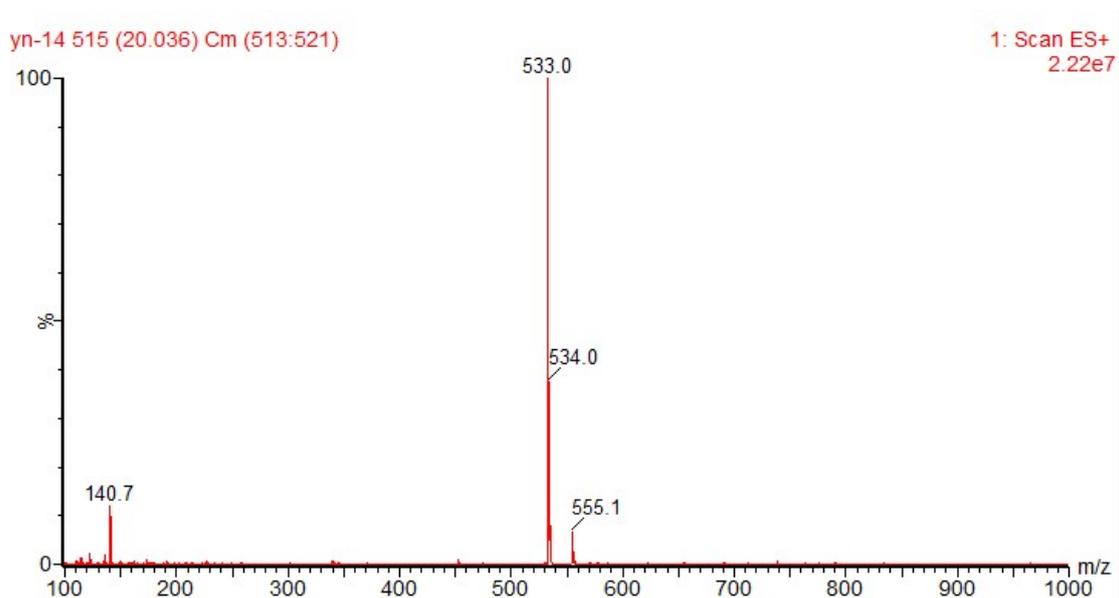


Figure 57. ESIMS spectrum of 13

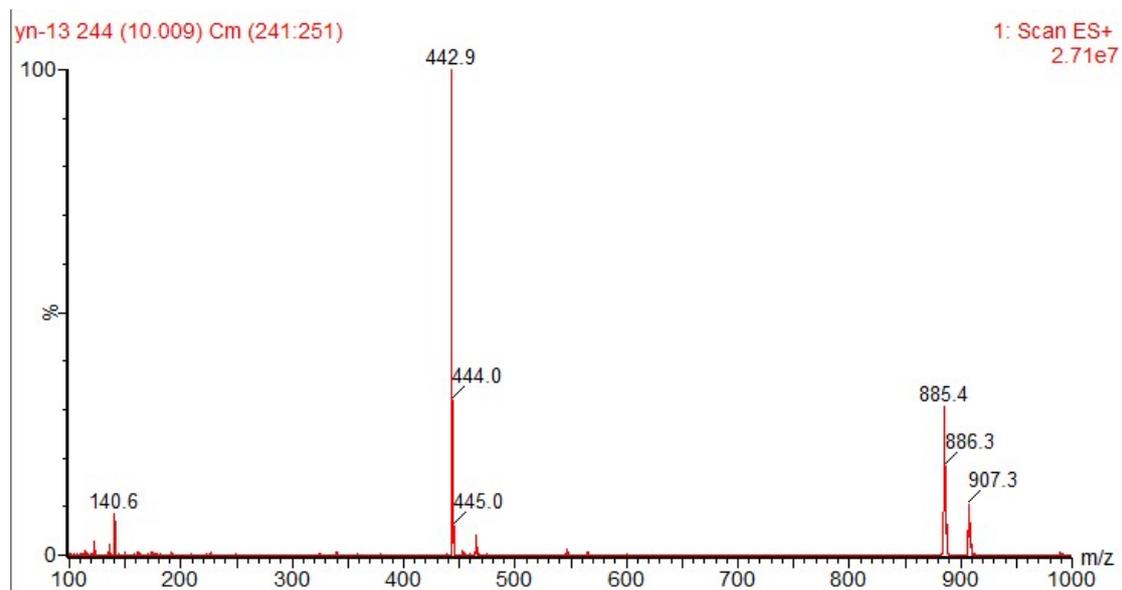


Figure 58. ESIMS spectrum of 14

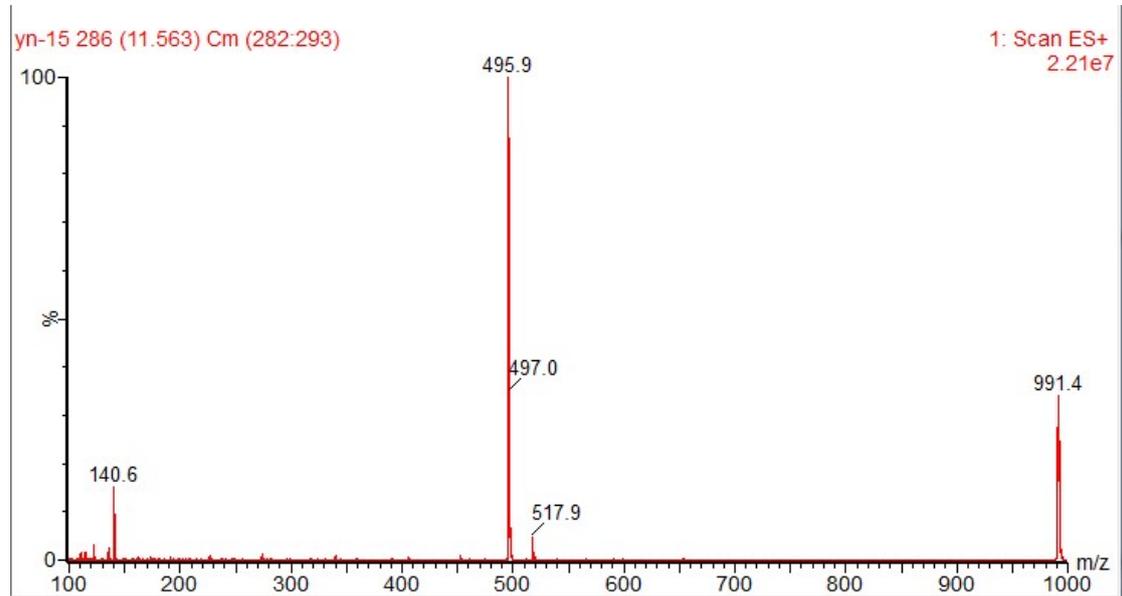


Figure 59. ESIMS spectrum of 15

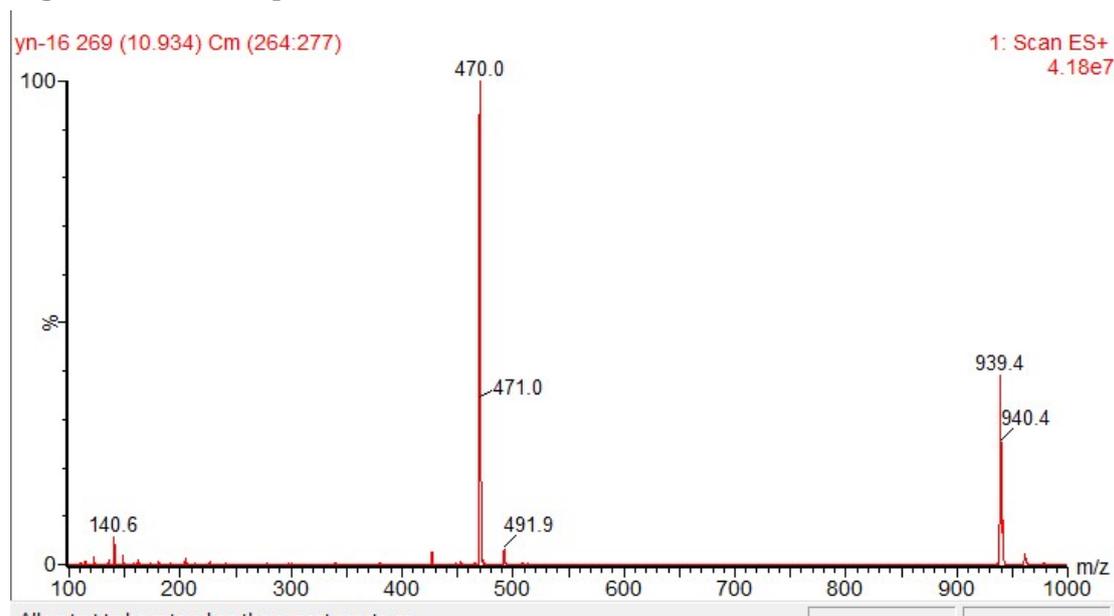


Figure 60. ESIMS spectrum of 16

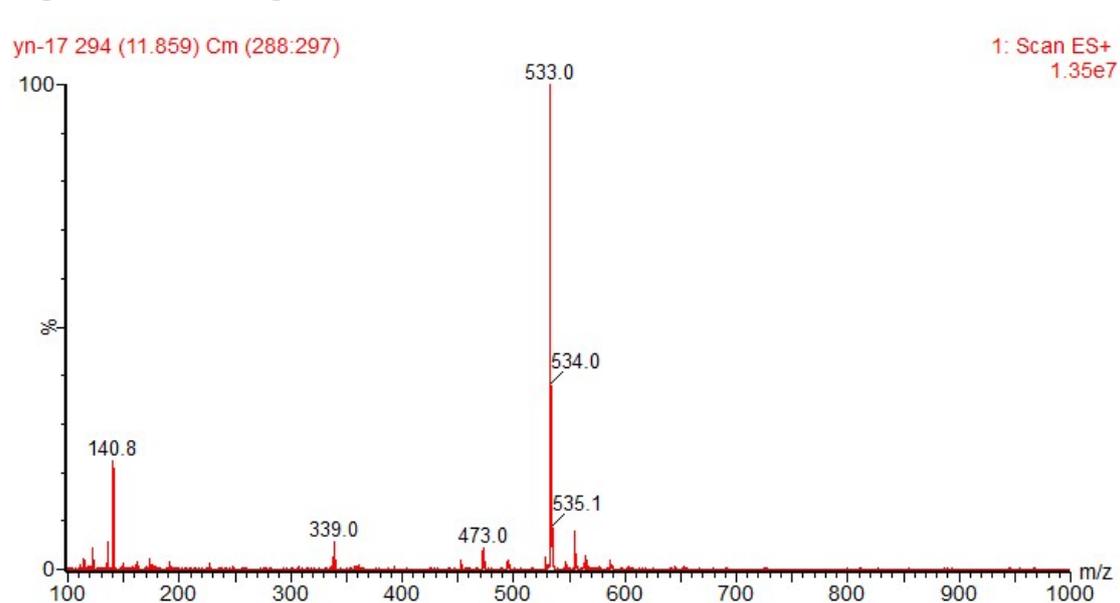


Figure 61. ESIMS spectrum of 17

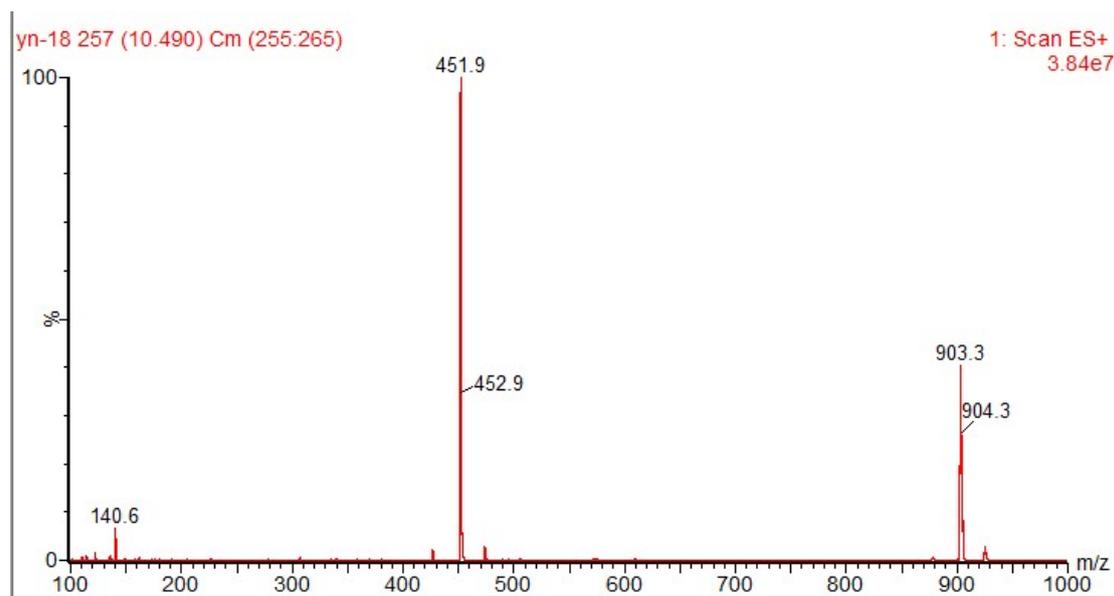


Figure 62. ESIMS spectrum of 18

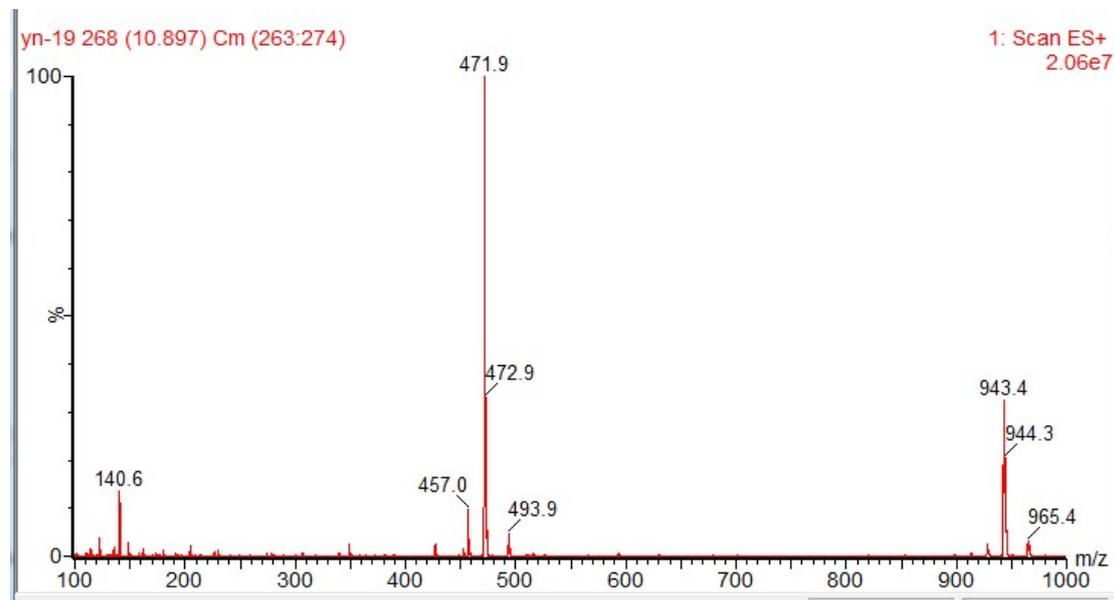


Figure 63. ESIMS spectrum of **19**

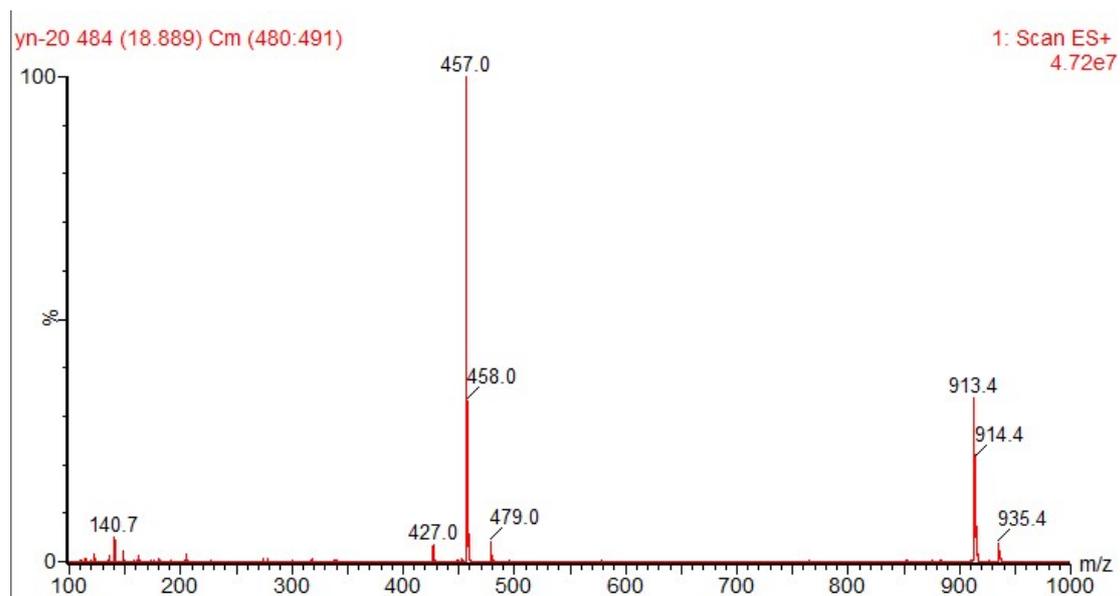


Figure 64. ESIMS spectrum of **20**

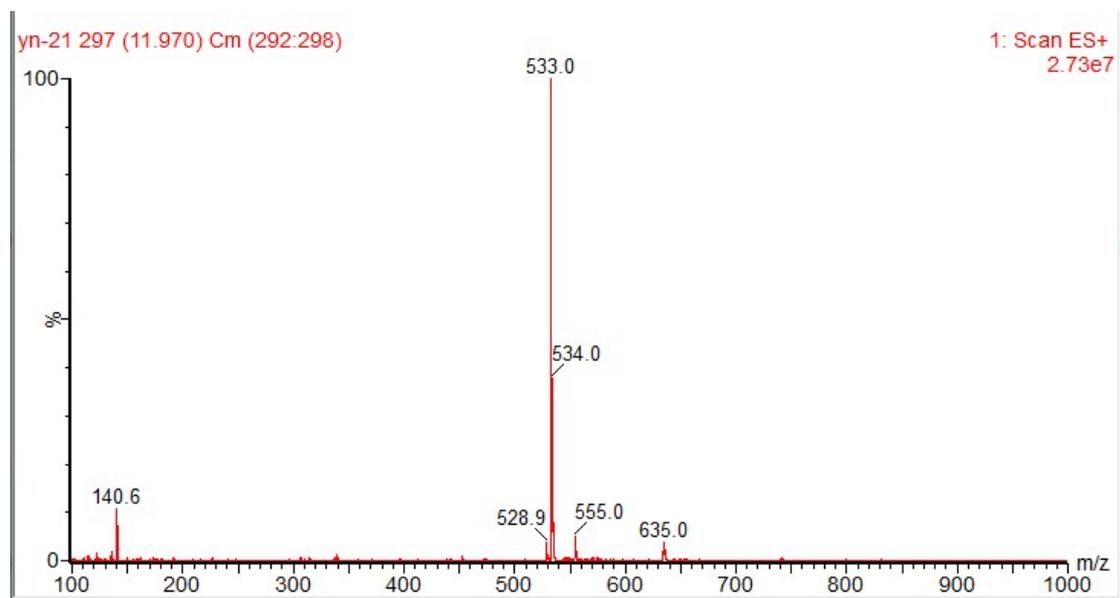


Figure 65. ESIMS spectrum of **21**



Figure 66. ESIMS spectrum of **22**

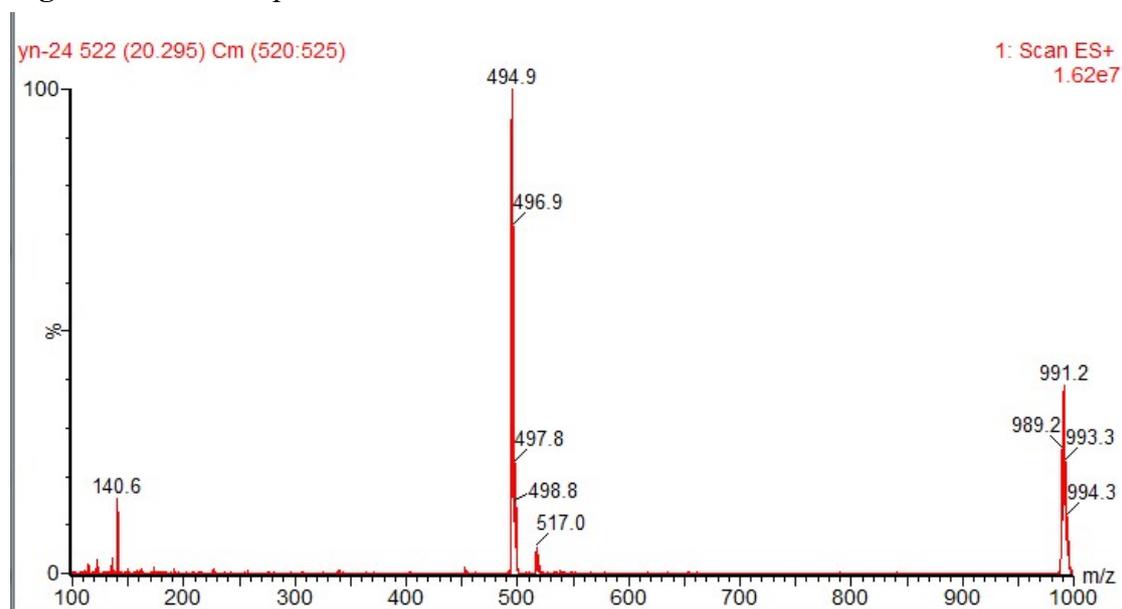


Figure 67. ESIMS spectrum of **23**

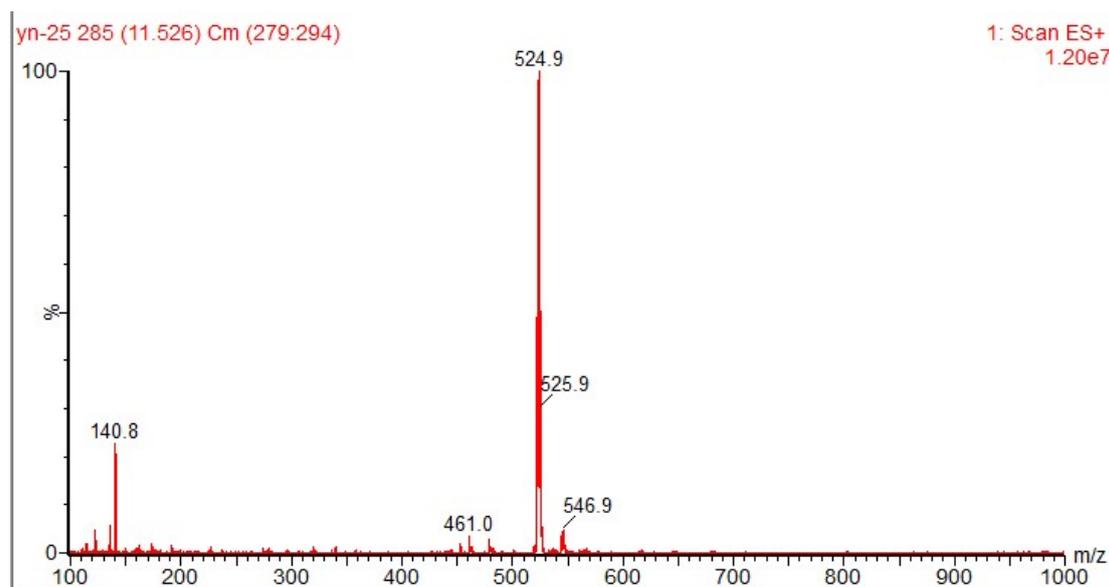


Figure 68. ESIMS spectrum of **24**

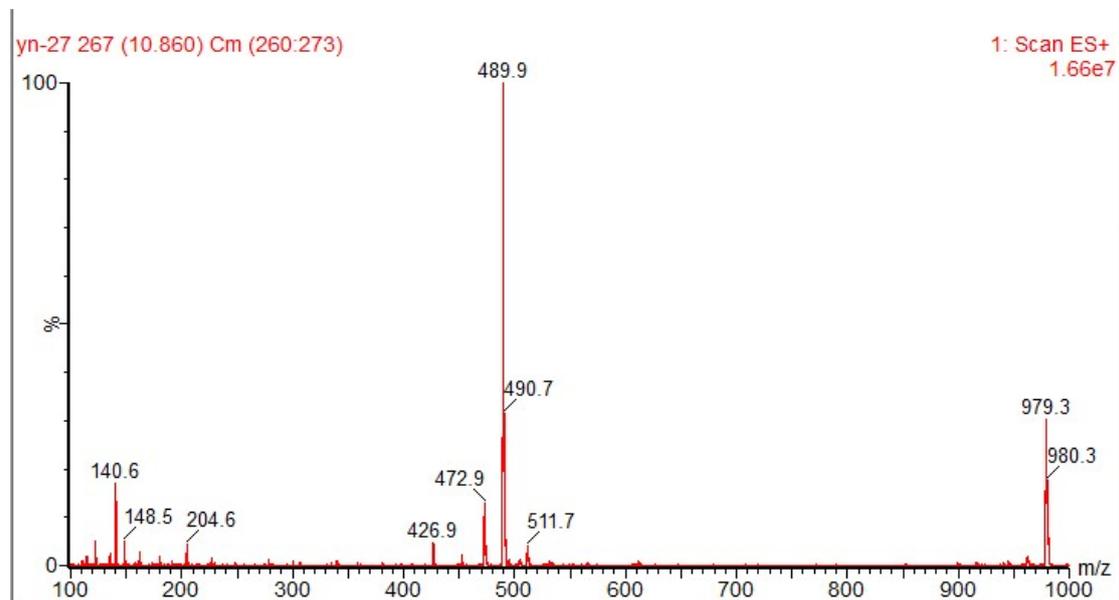


Figure 69. ESIMS spectrum of **25**

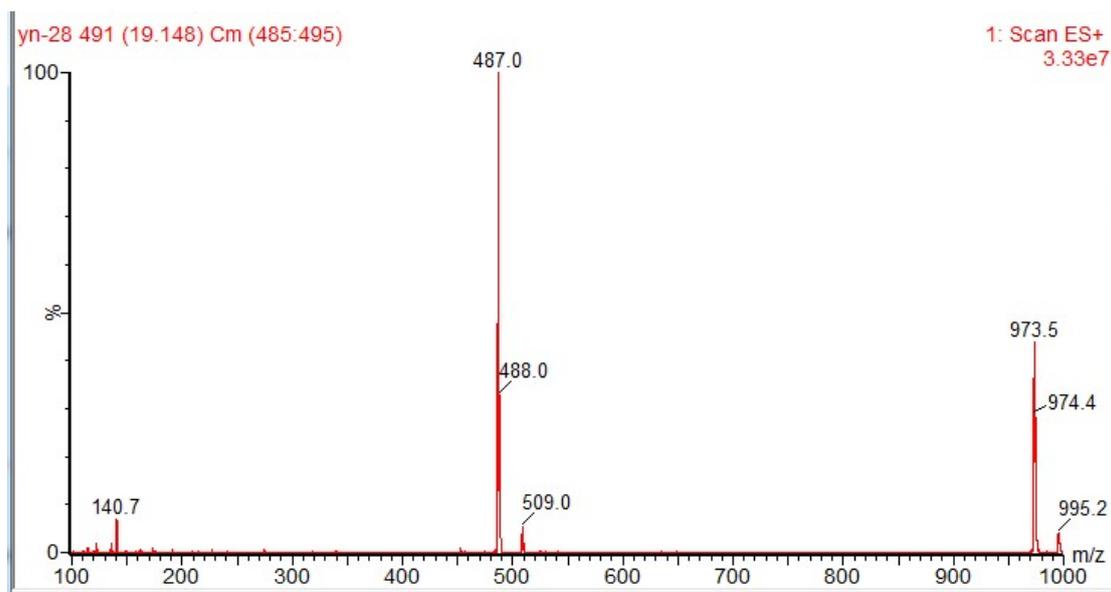


Figure 70. ESIMS spectrum of **26**

