

Supplementary Information

Synthesis of Biphenyl Tyrosine Via Cross-Coupling Suzuki-Miyaura Reaction Using Aryltrifluoroborate Salts

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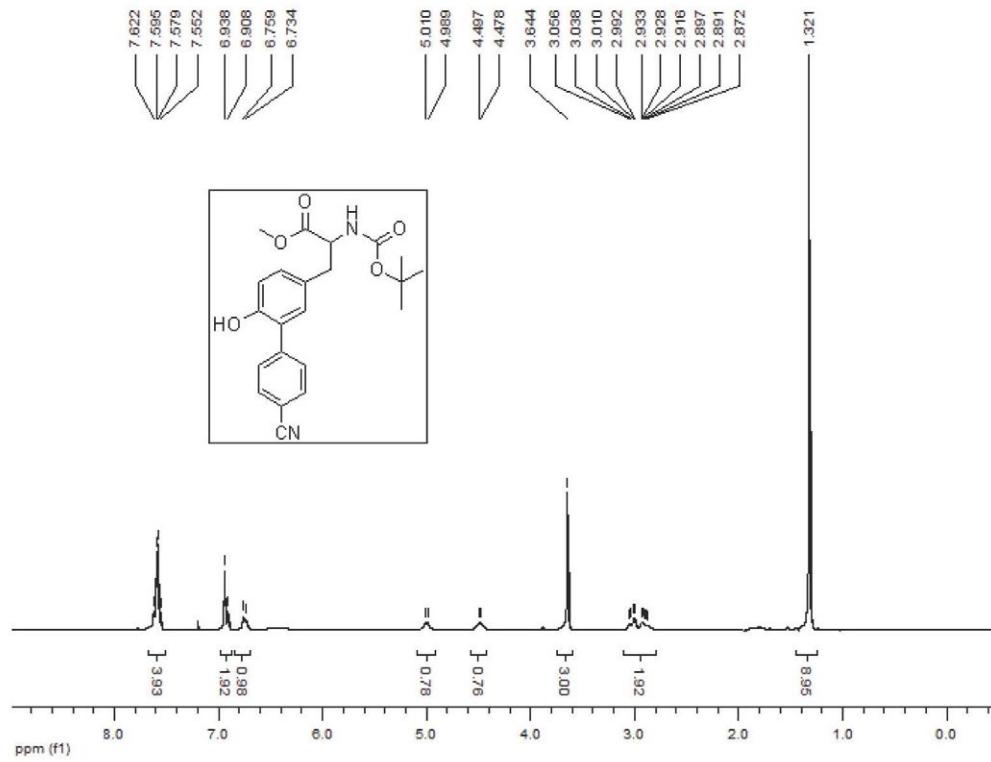


Figure S1. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 5a.

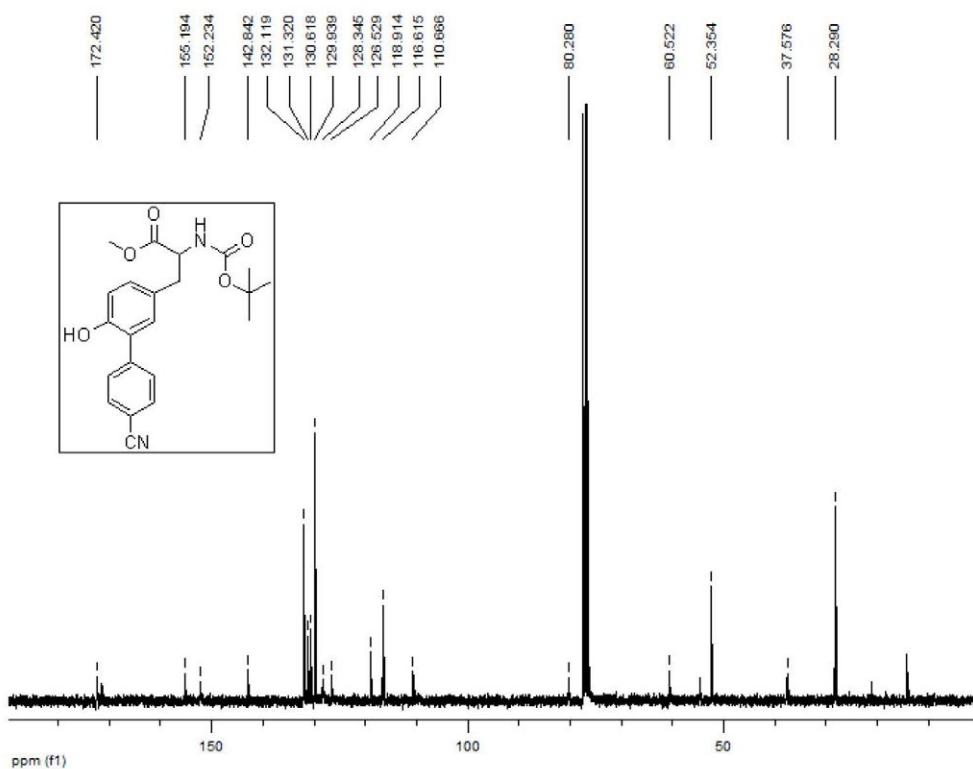


Figure S2. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 5a.

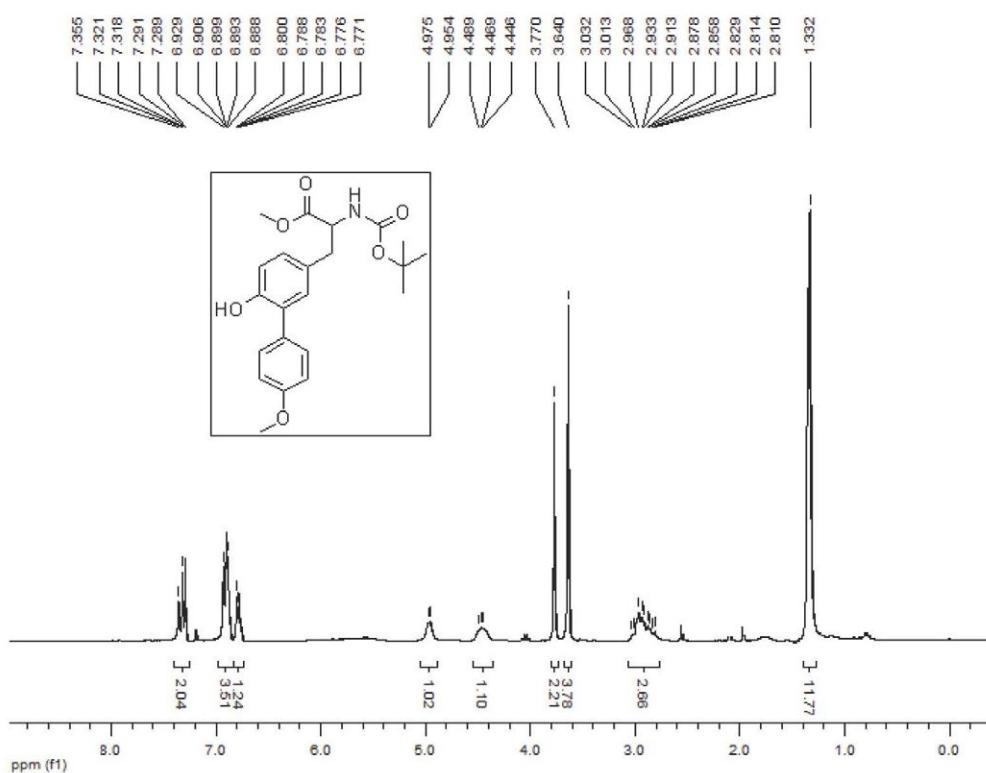


Figure S3. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 5b.

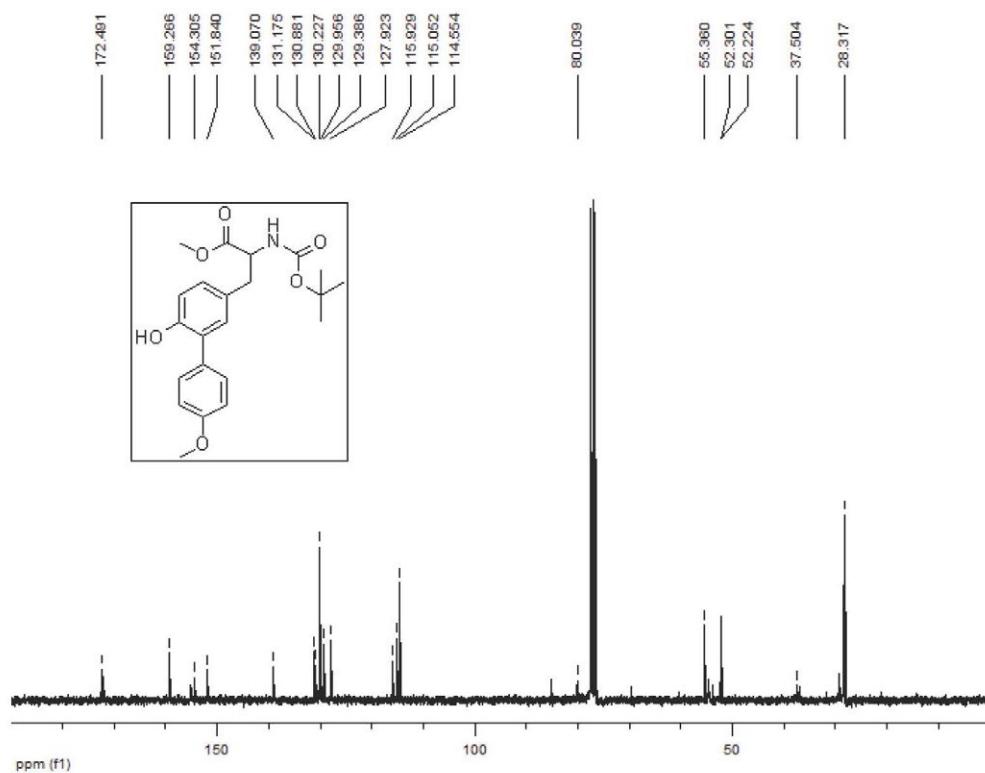


Figure S4. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5b**.

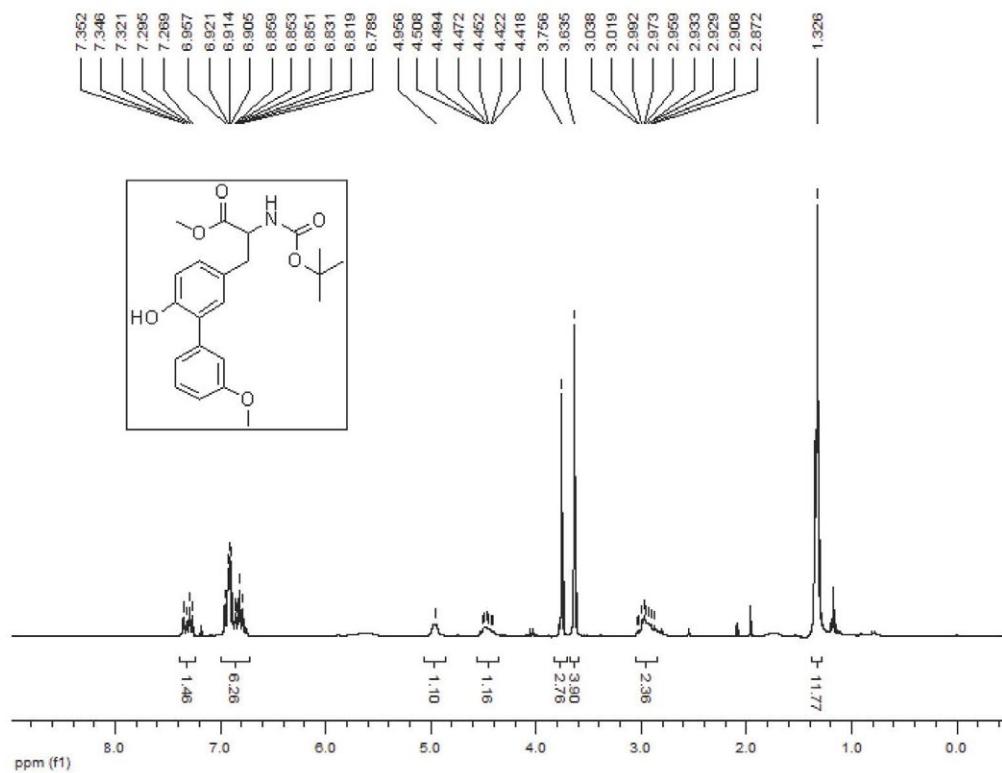


Figure S5. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5c**.

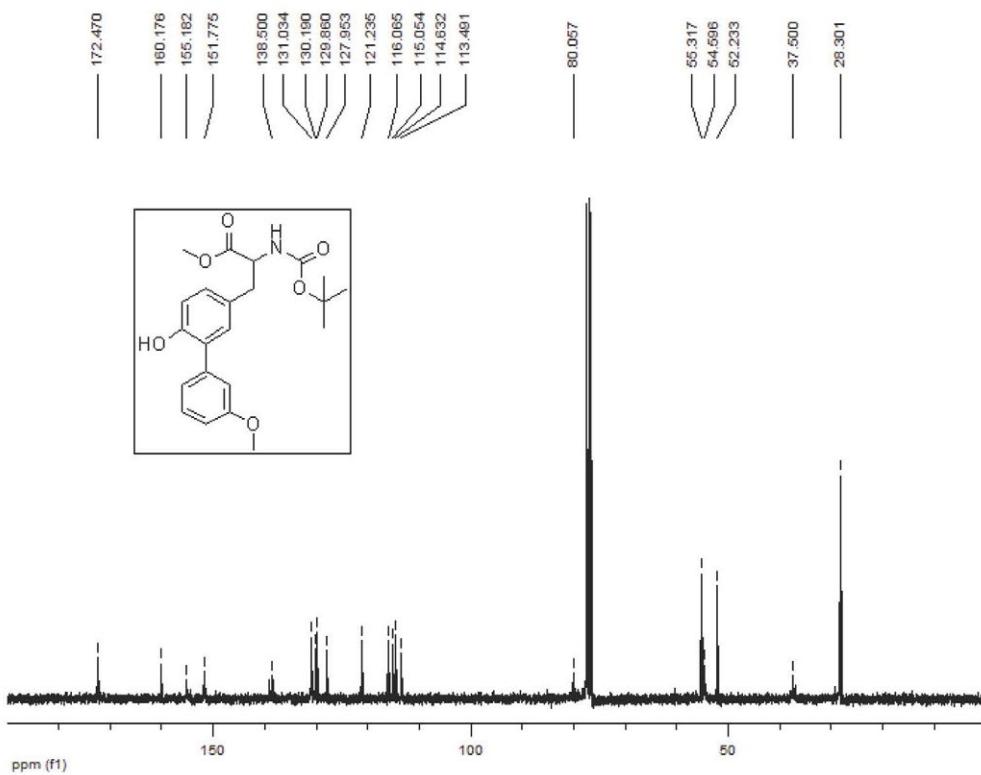


Figure S6. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5c**.

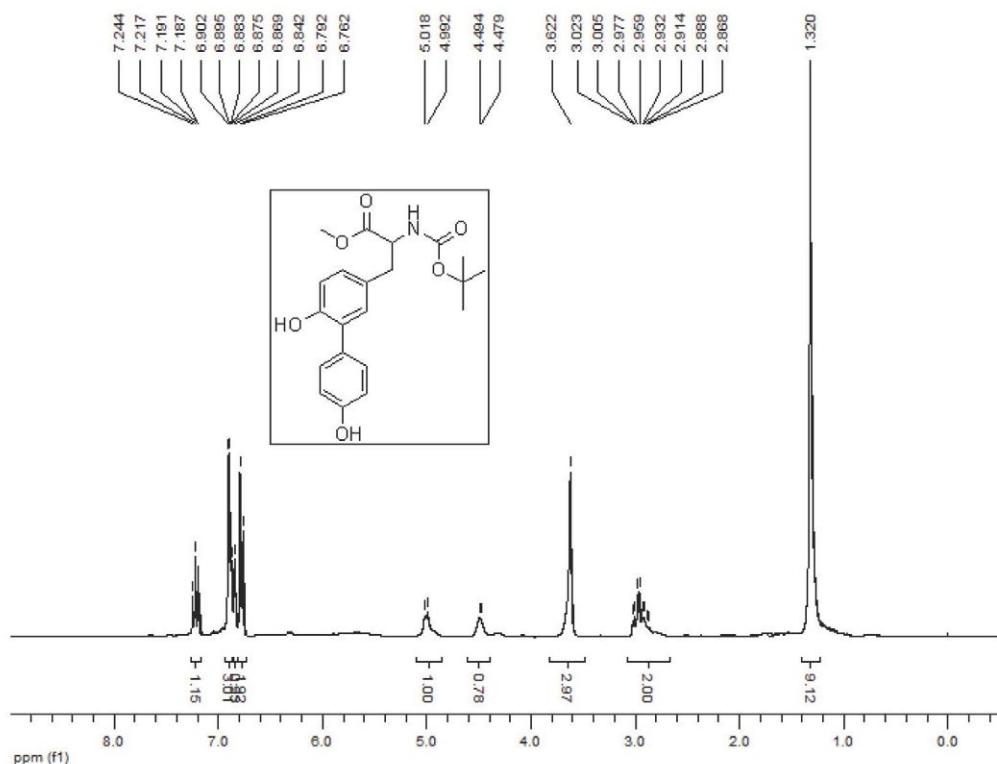


Figure S7. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5d**.

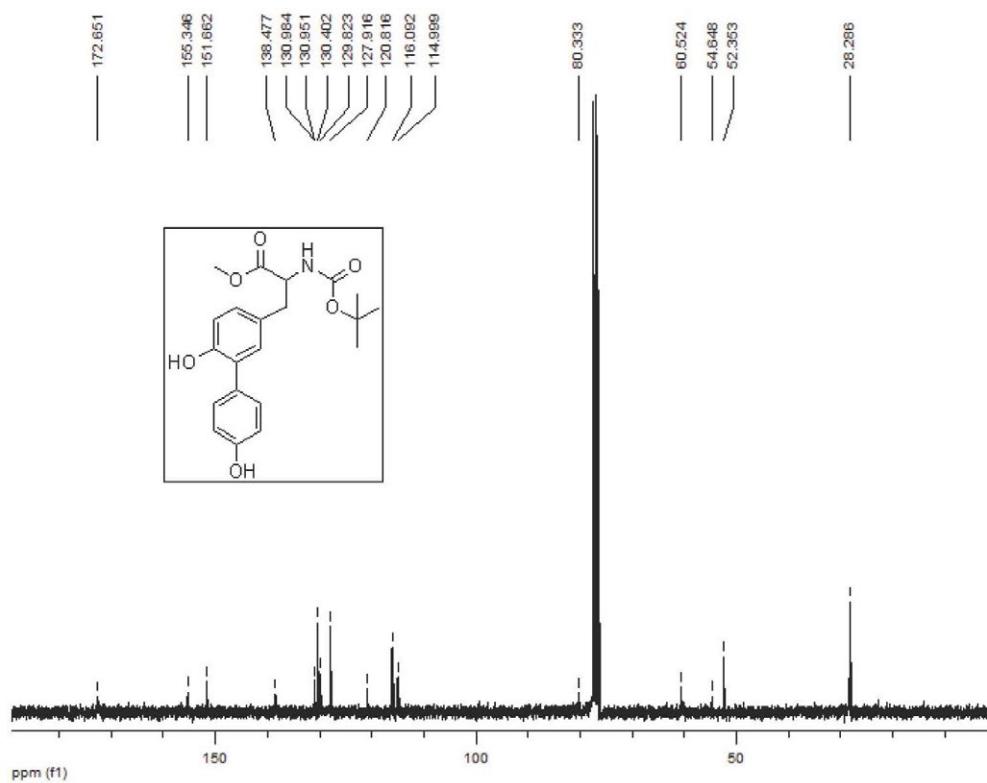


Figure S8. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5d**.

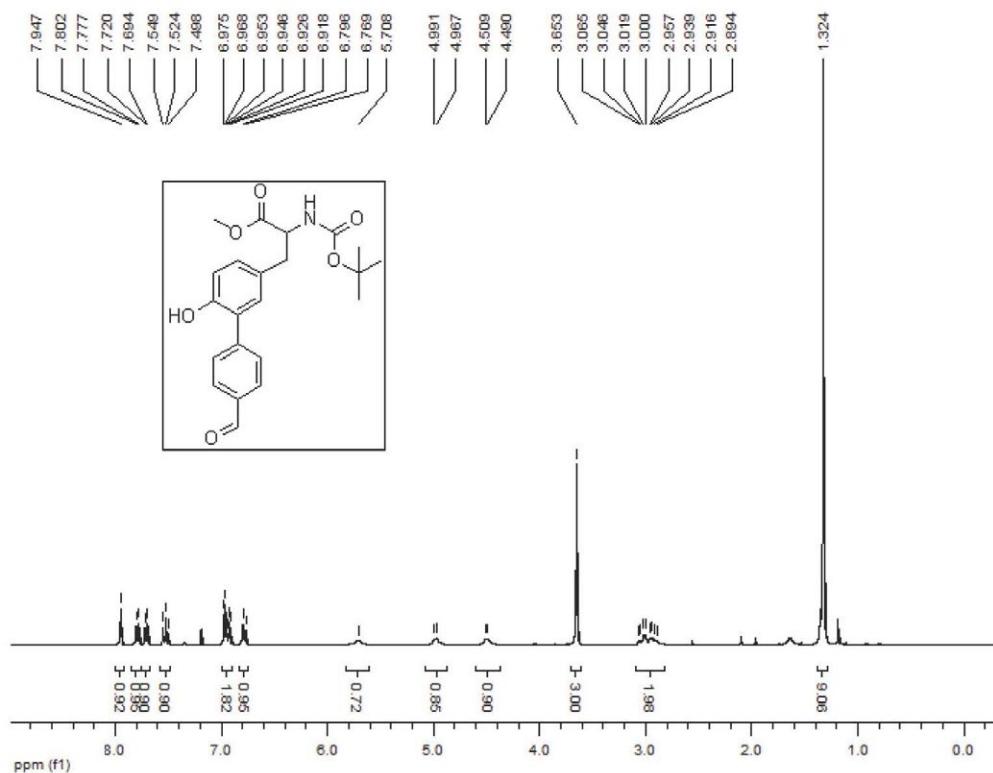


Figure S9. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5e**.

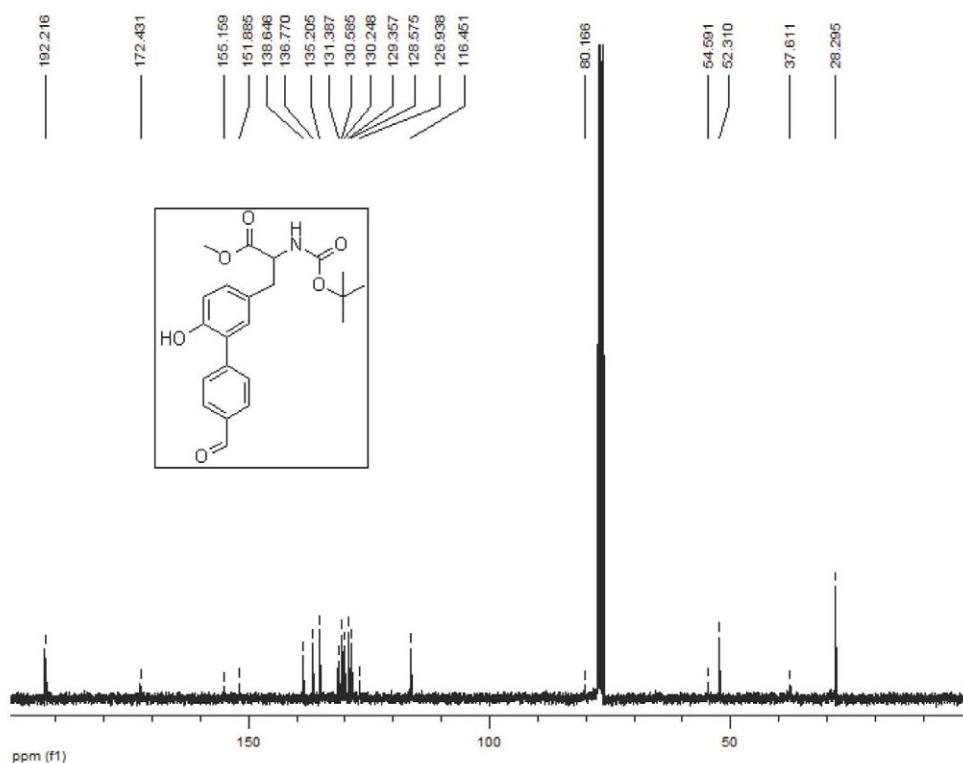


Figure S10. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 5e.

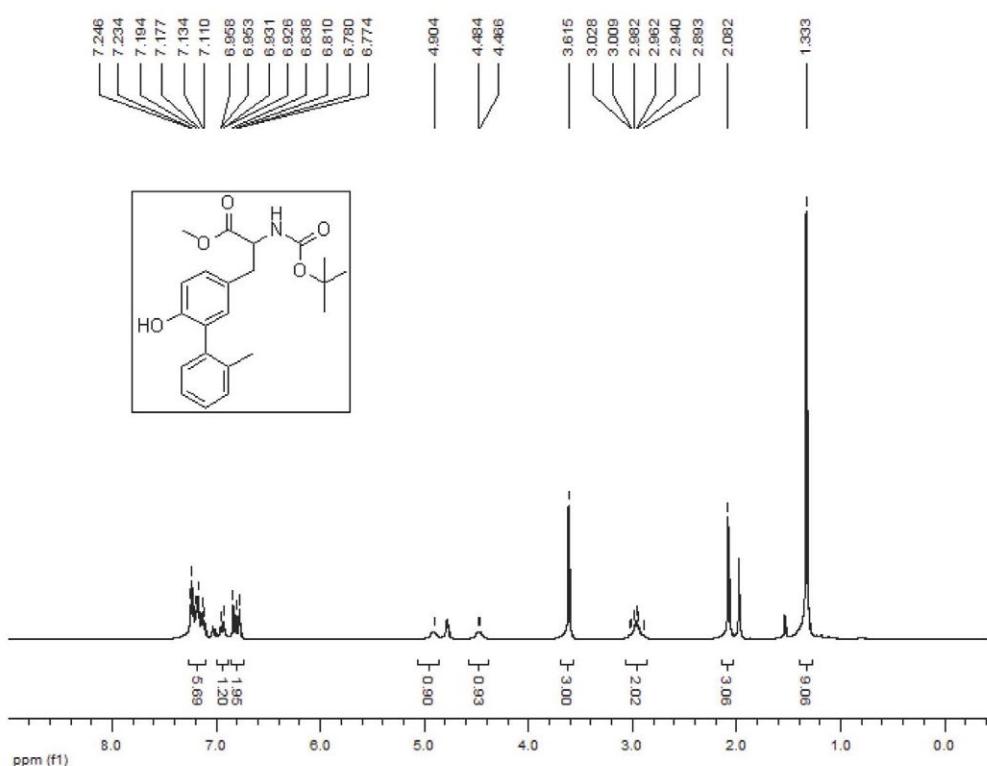


Figure S11. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 5f.

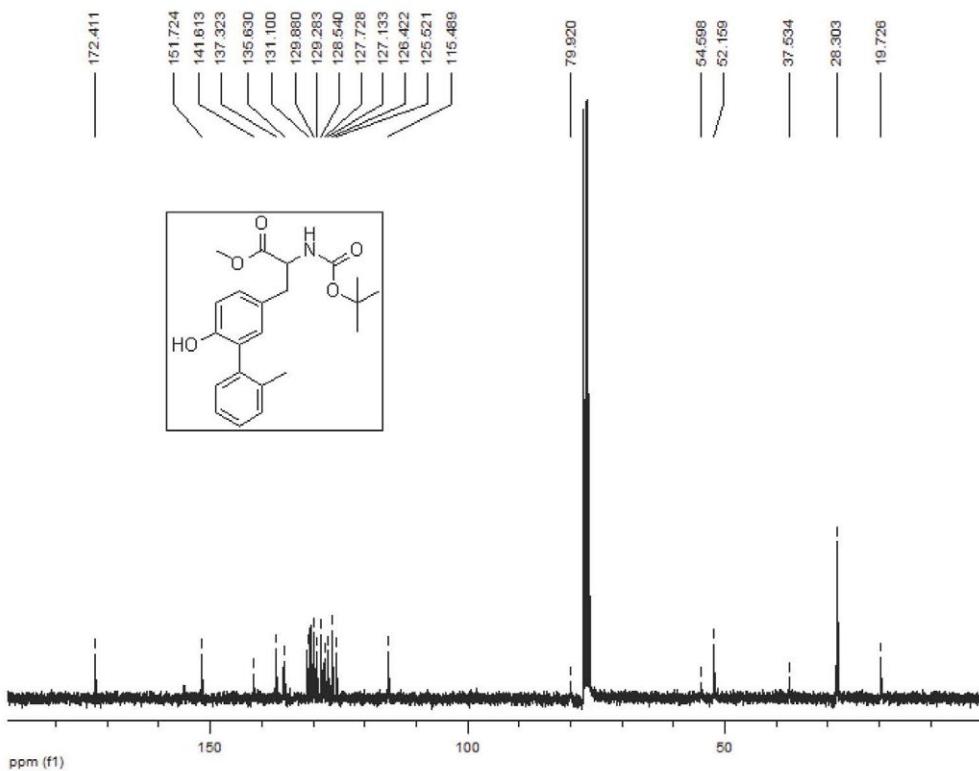


Figure S12. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5f**.

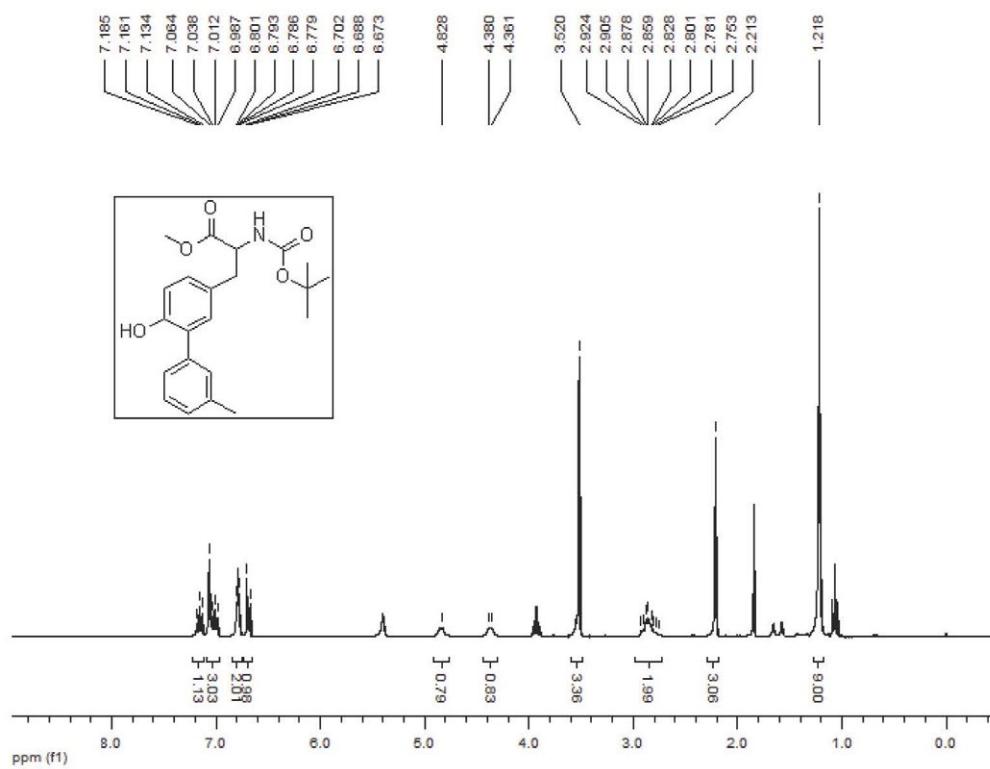


Figure S13. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5g**.

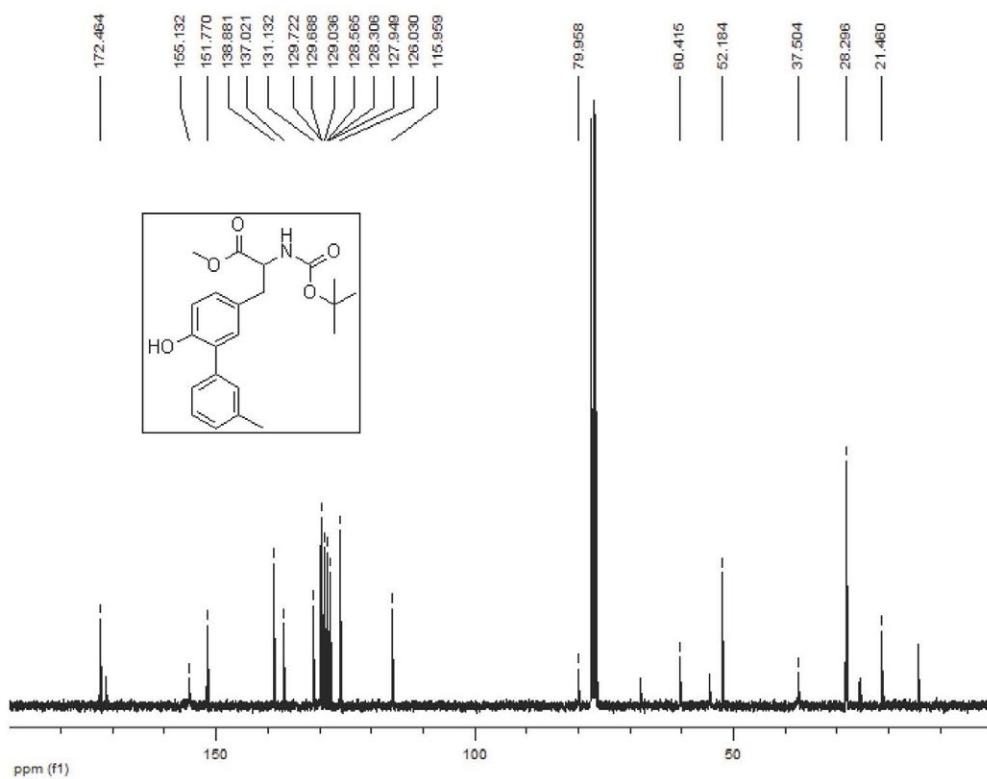


Figure S14. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5g**.

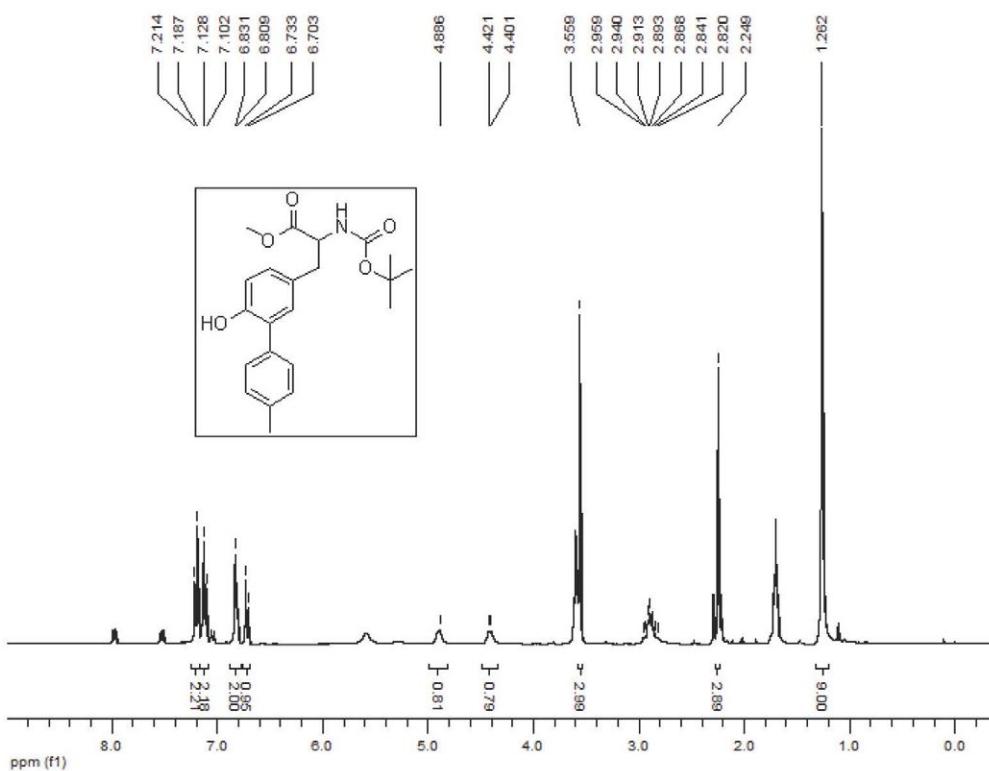


Figure S15. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5h**.

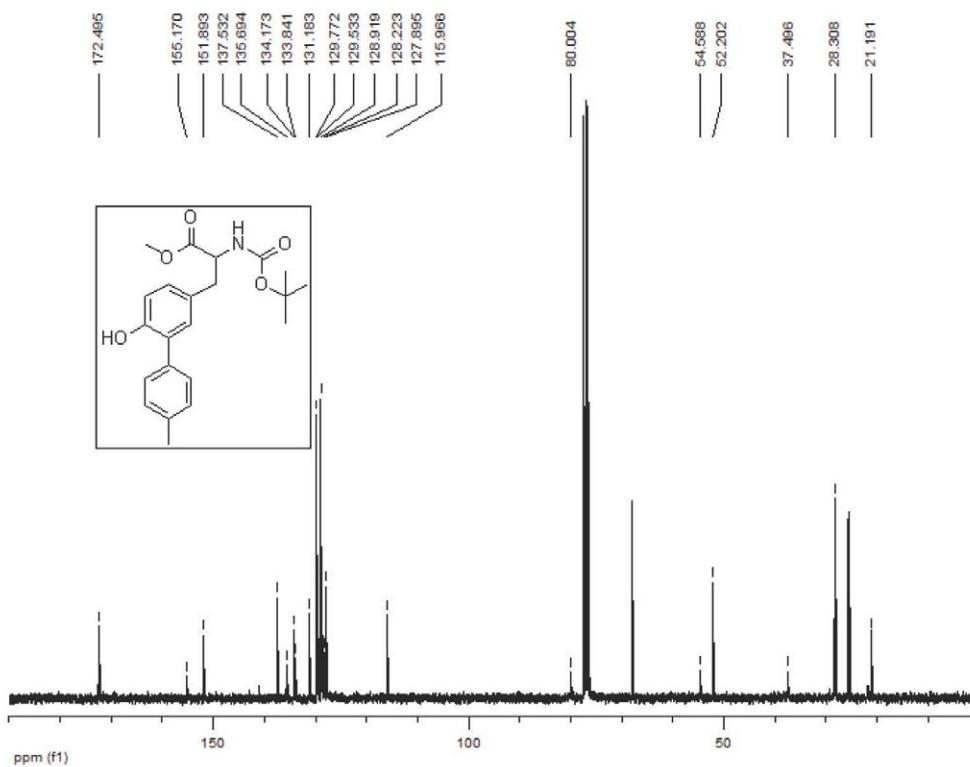


Figure S16. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5h**.

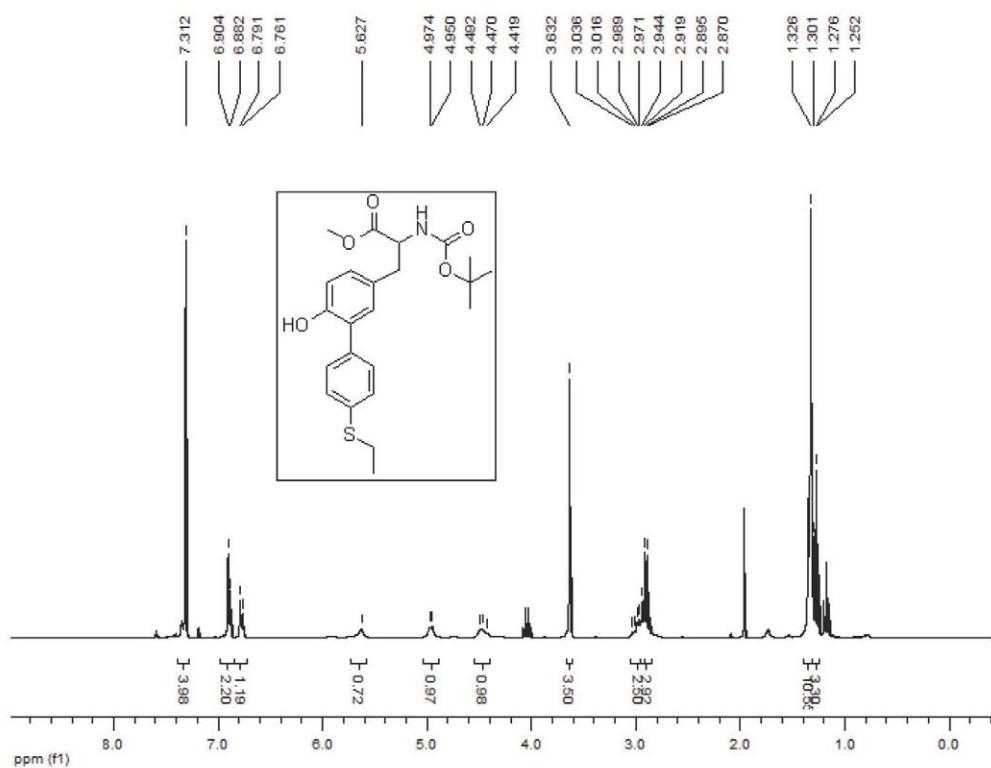


Figure S17. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5i**.

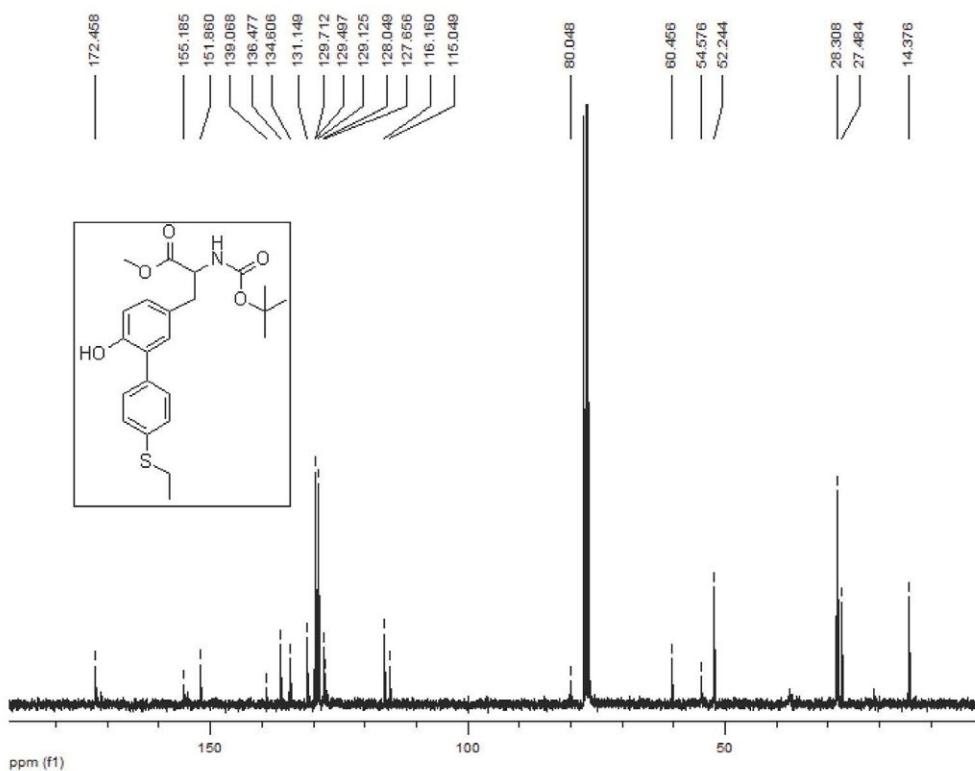


Figure S18. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5i**.

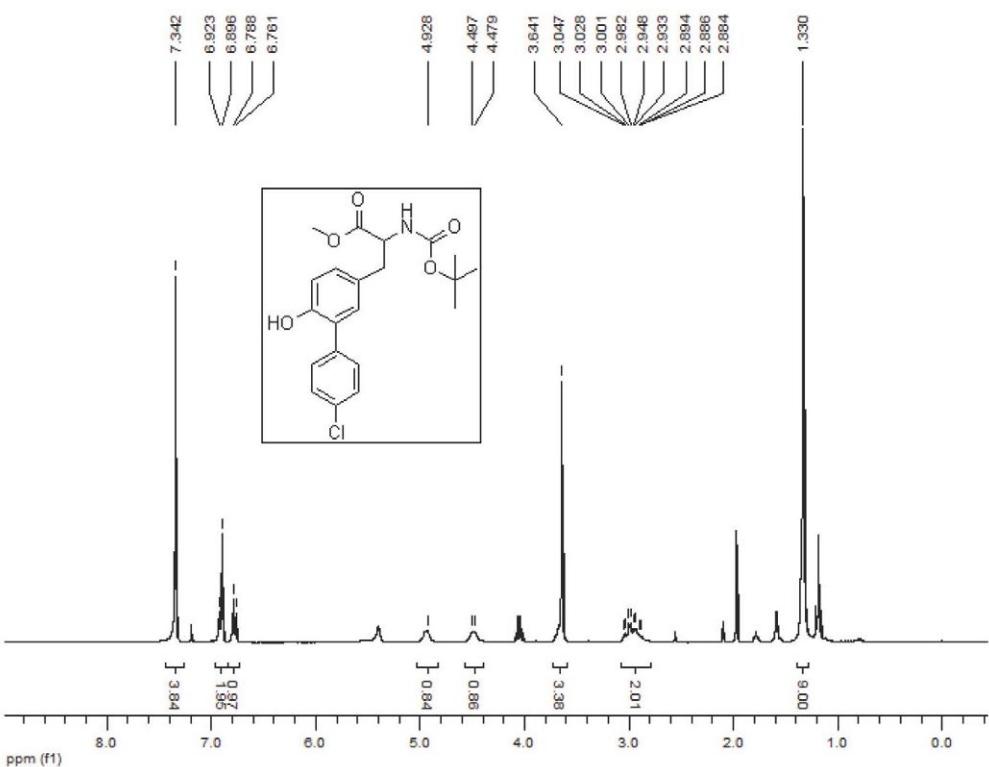


Figure S19. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5j**.

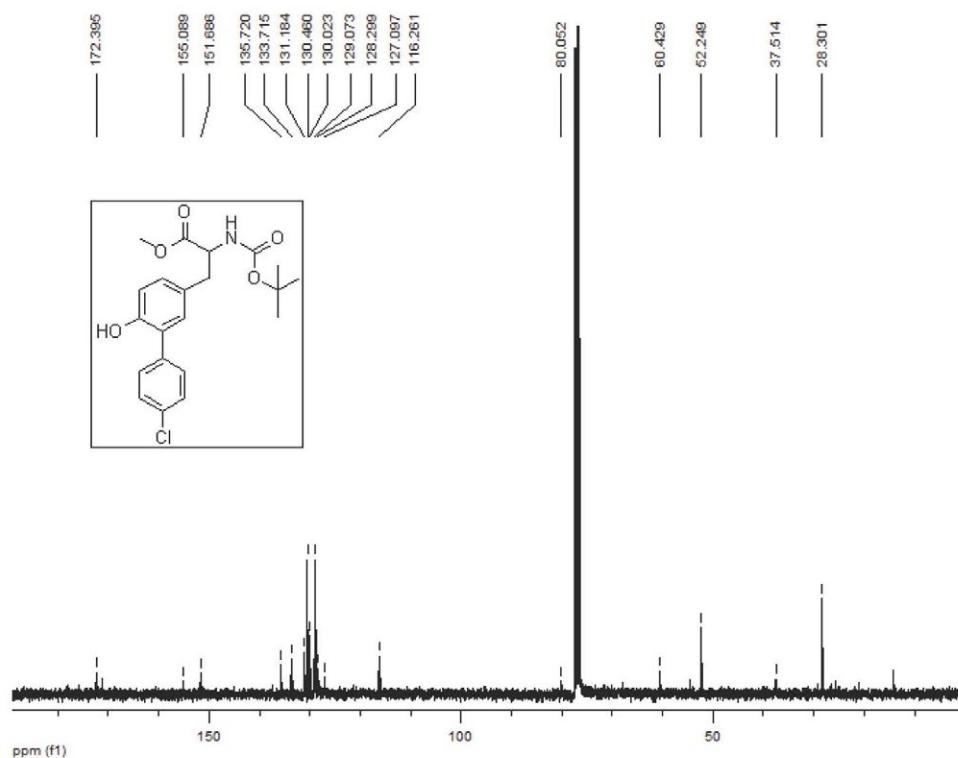


Figure S20. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5j**.

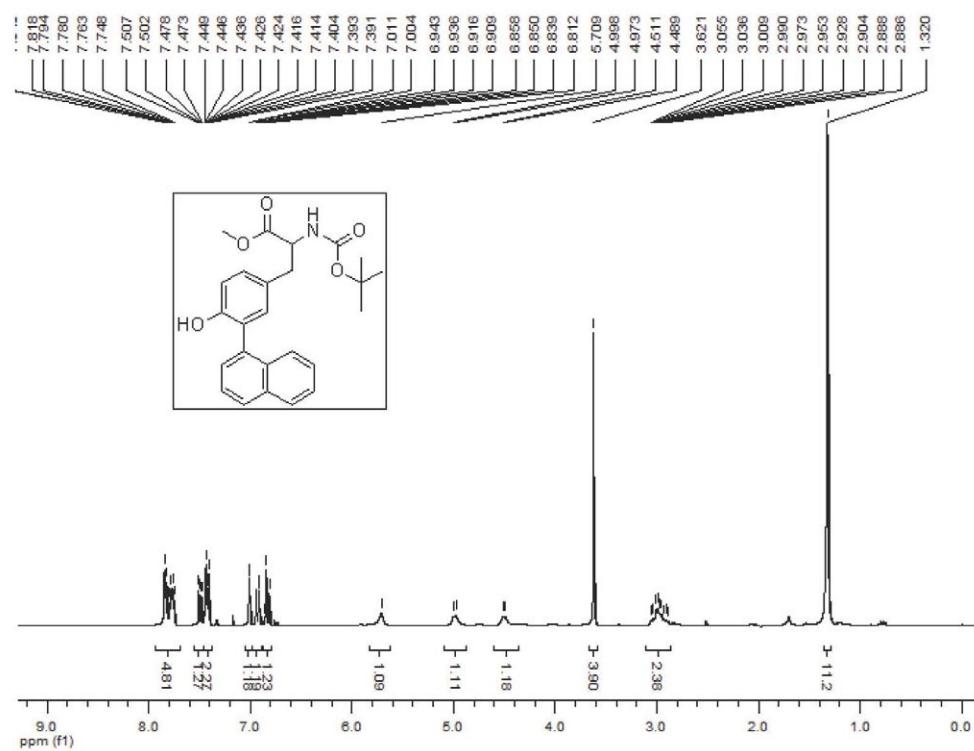


Figure S21. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5k**.

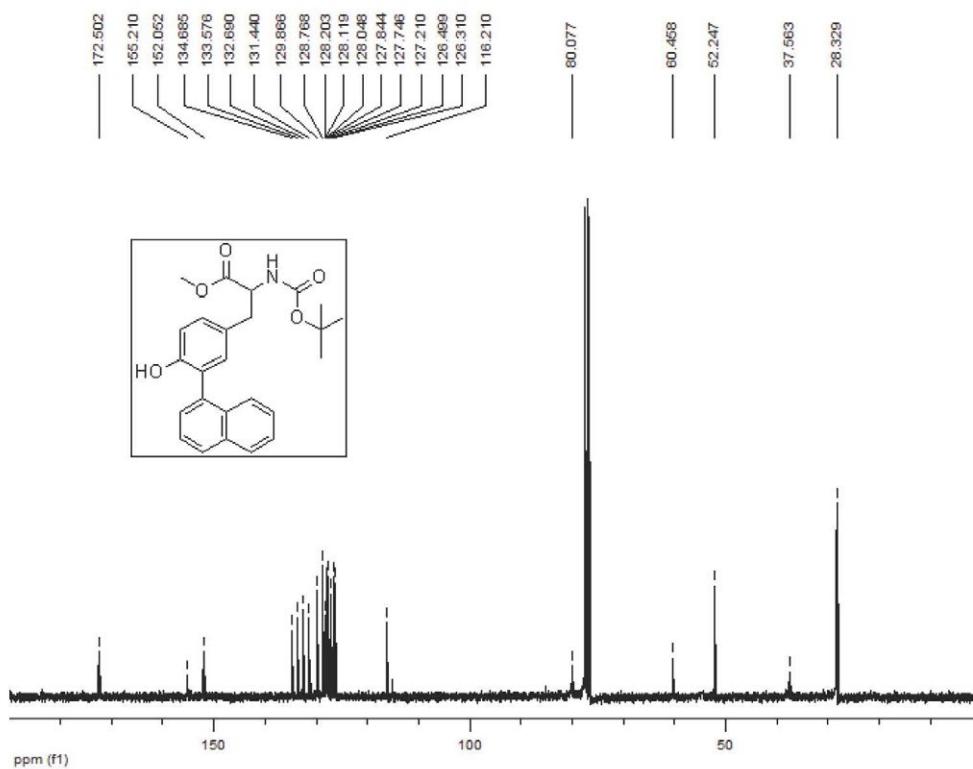


Figure S22. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5k**.

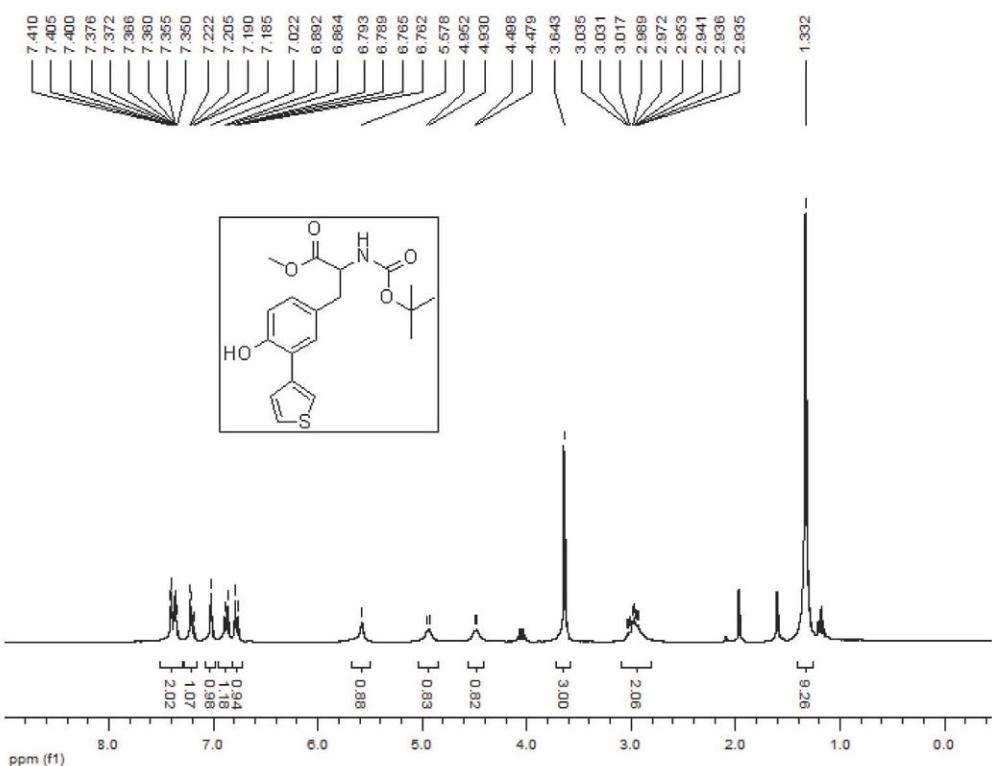
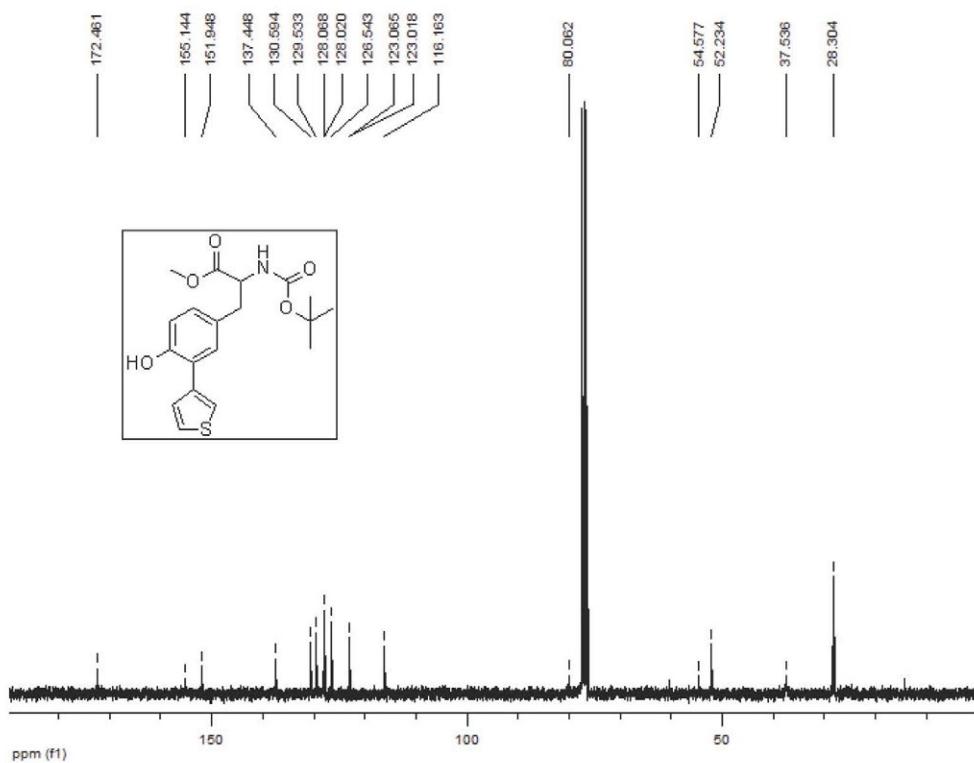
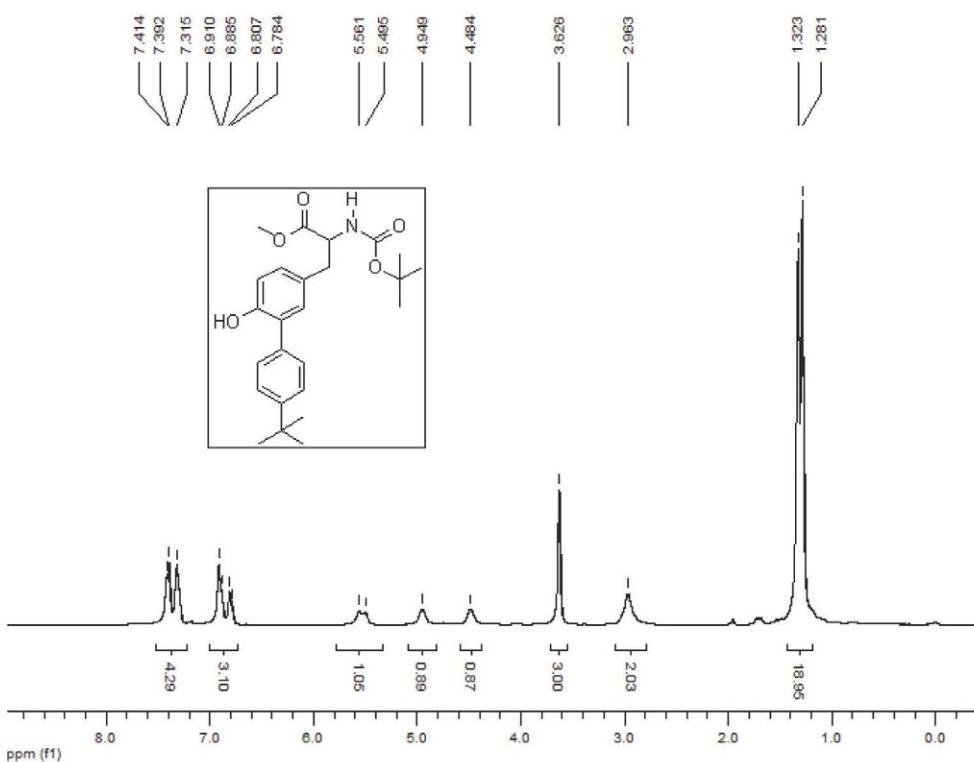


Figure S23. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5m**.

**Figure S24.** ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5m**.**Figure S25.** ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5n**.

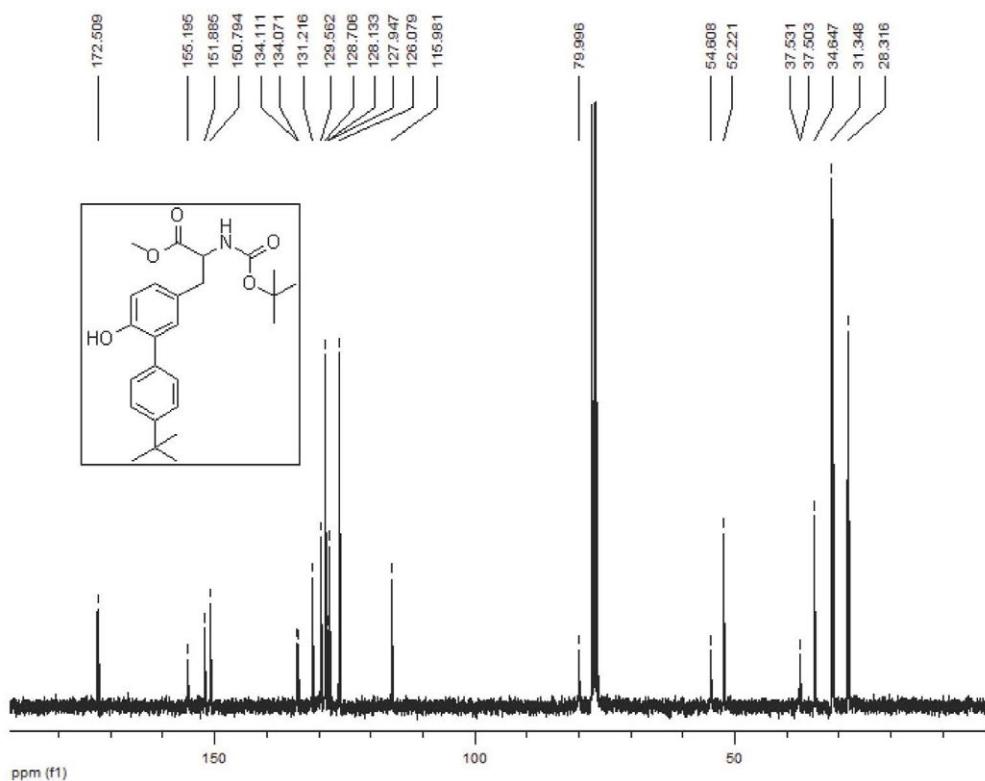


Figure S26. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5n**.

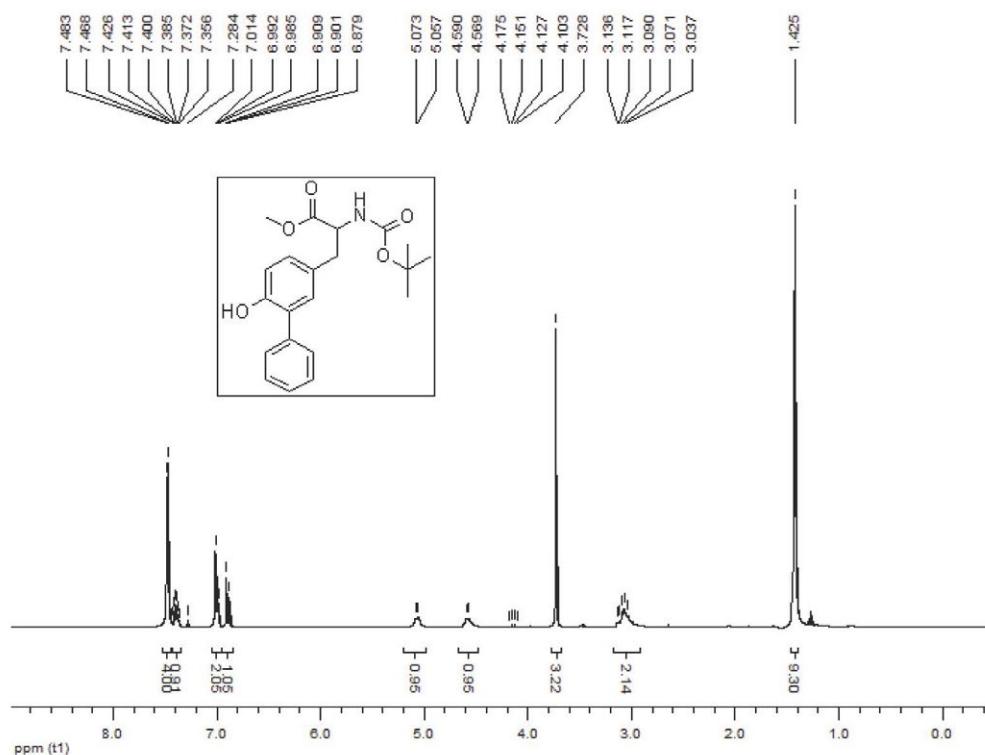


Figure S27. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5o**.

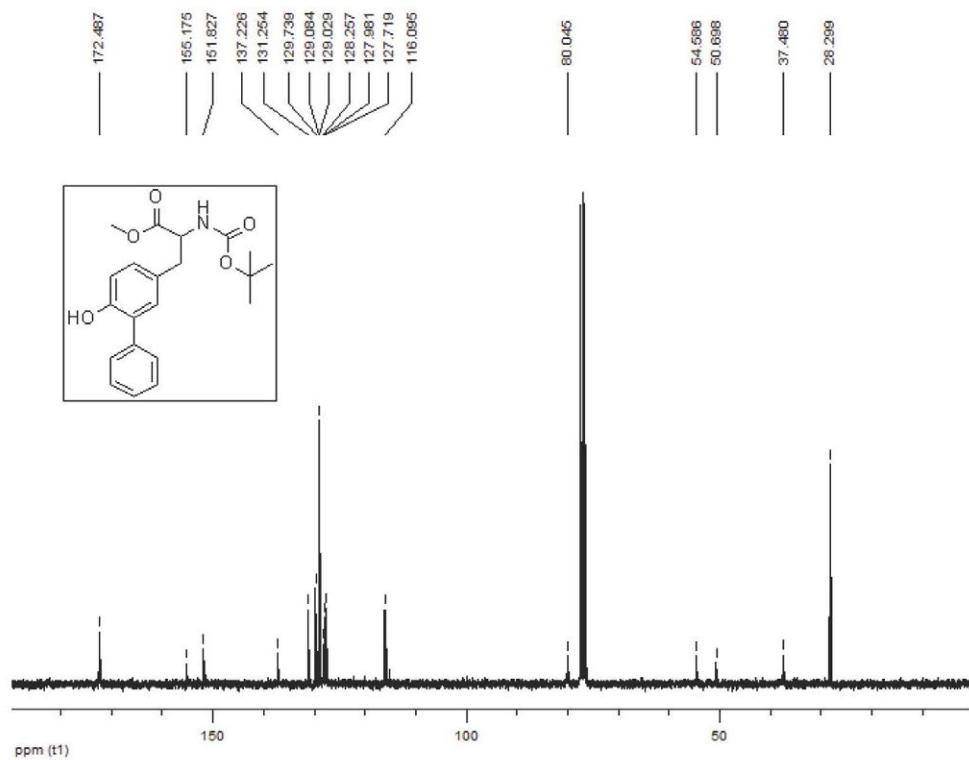


Figure S28. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **5o**.

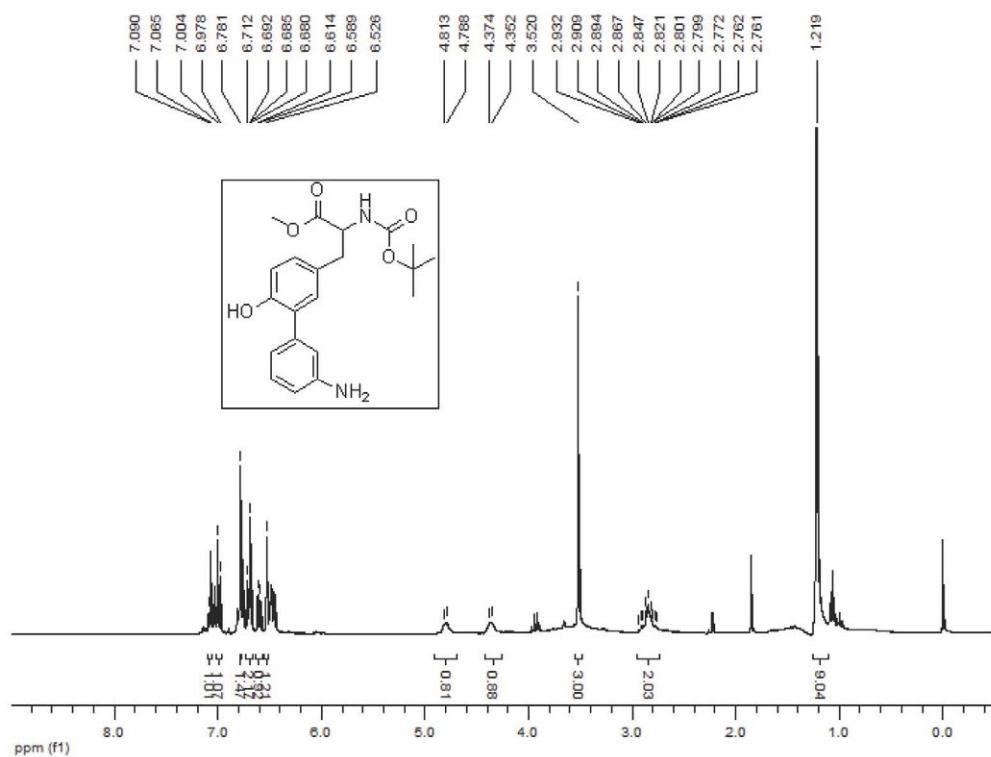


Figure S29. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **5p**.

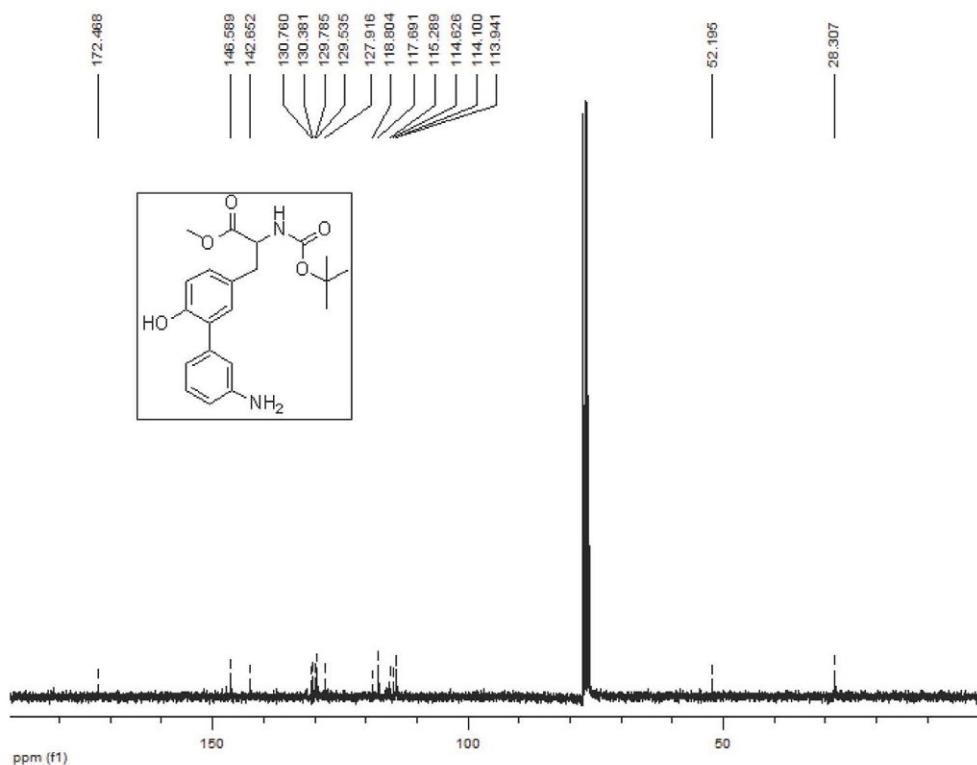


Figure S30. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 5p.

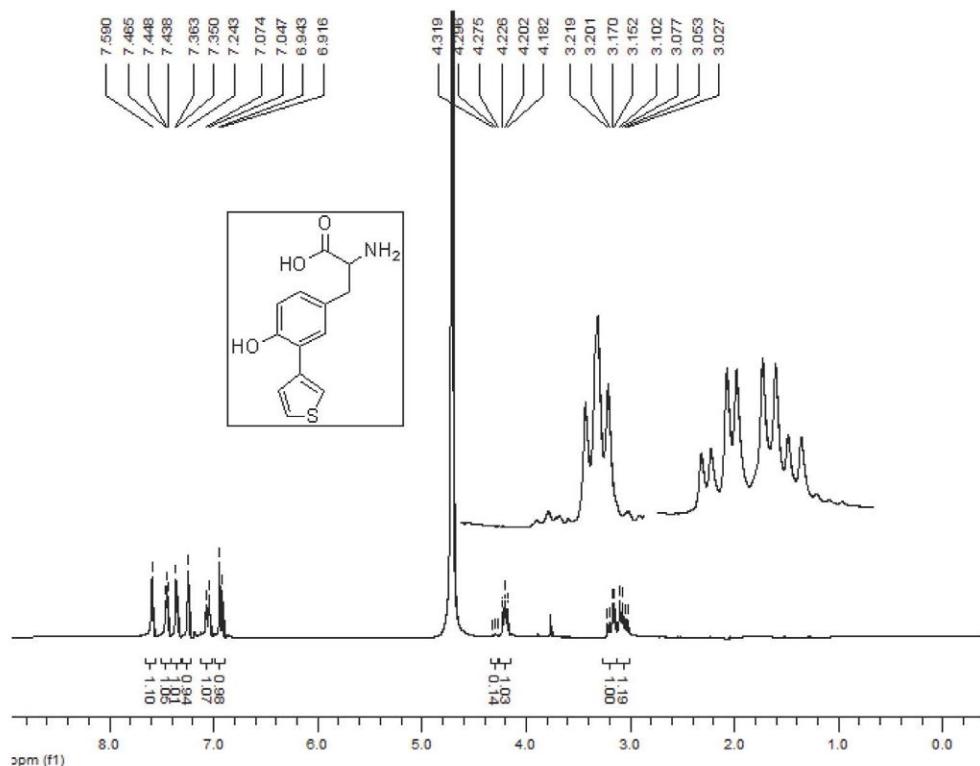


Figure S31. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 6a.

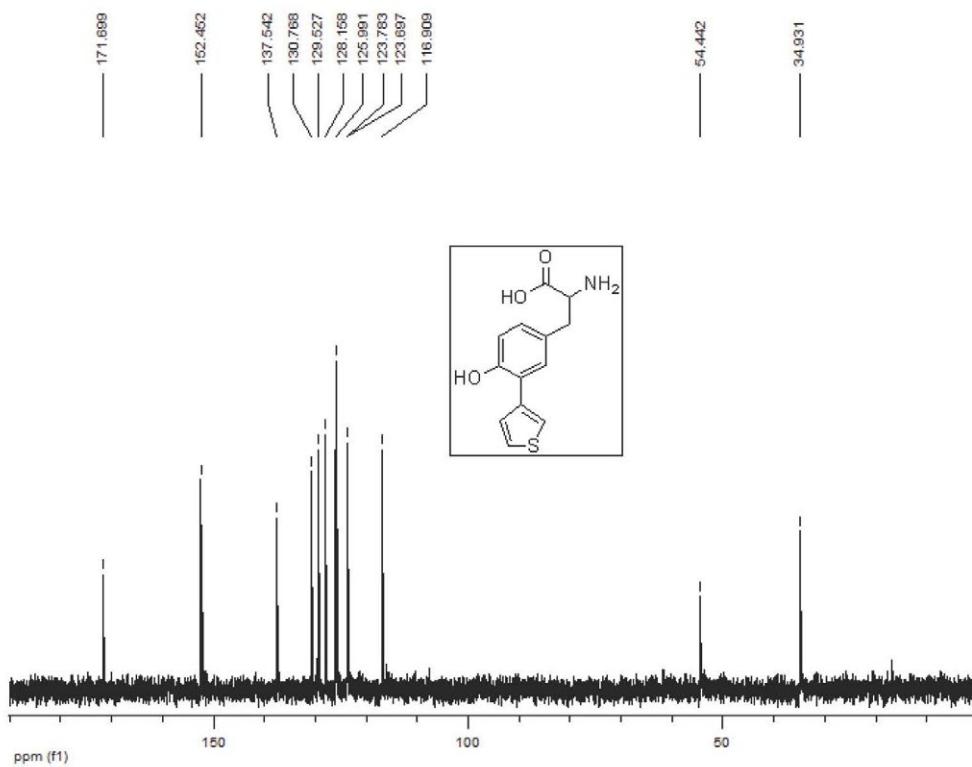


Figure S32. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound **6a**.

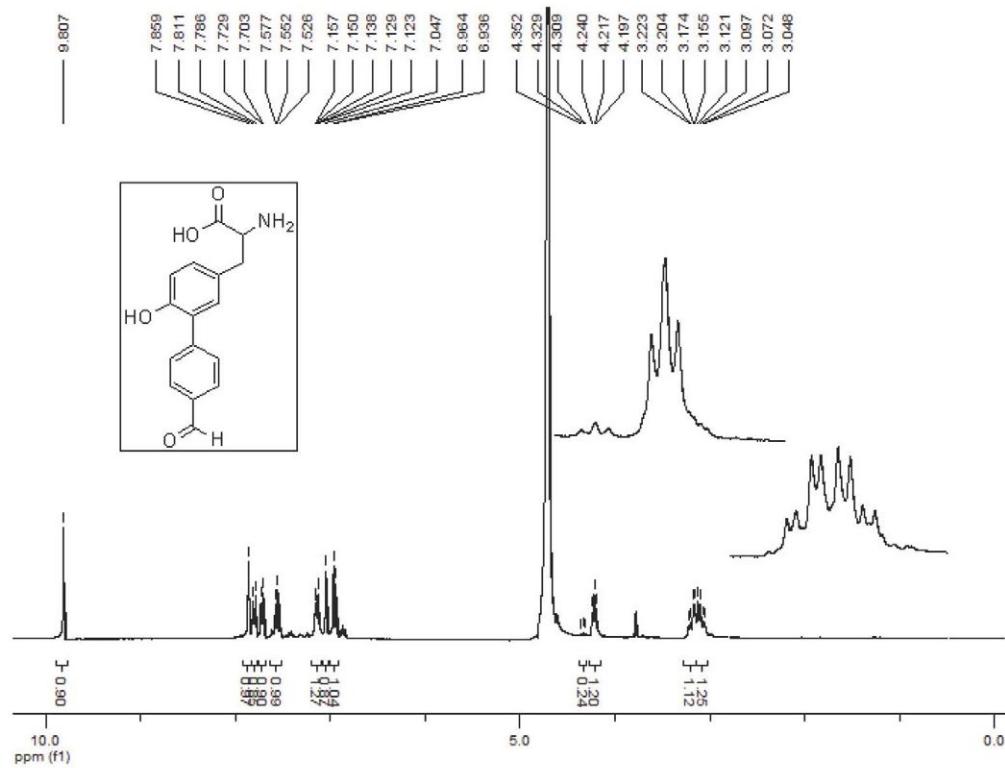


Figure S33. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **6b**.

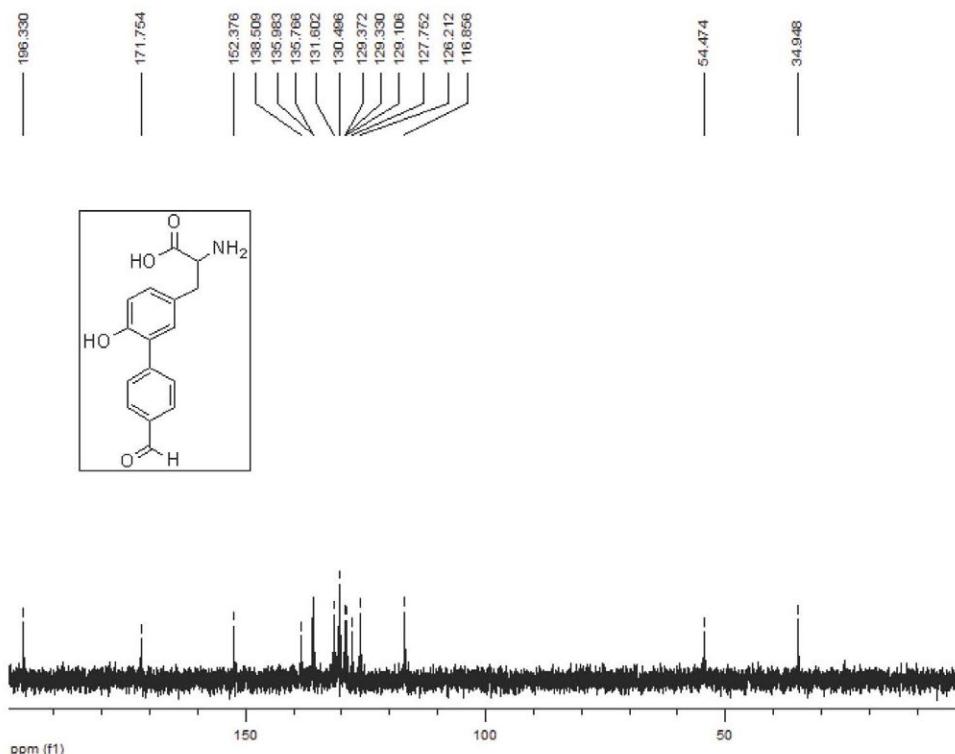


Figure S34. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 6b.

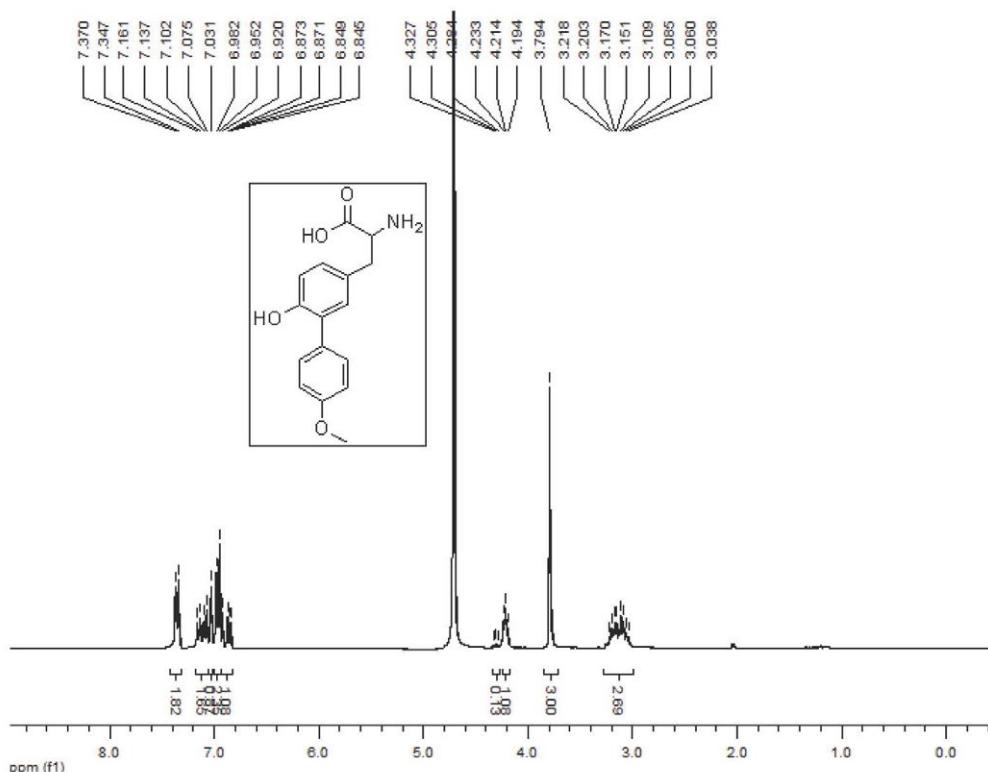


Figure S35. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 6c.

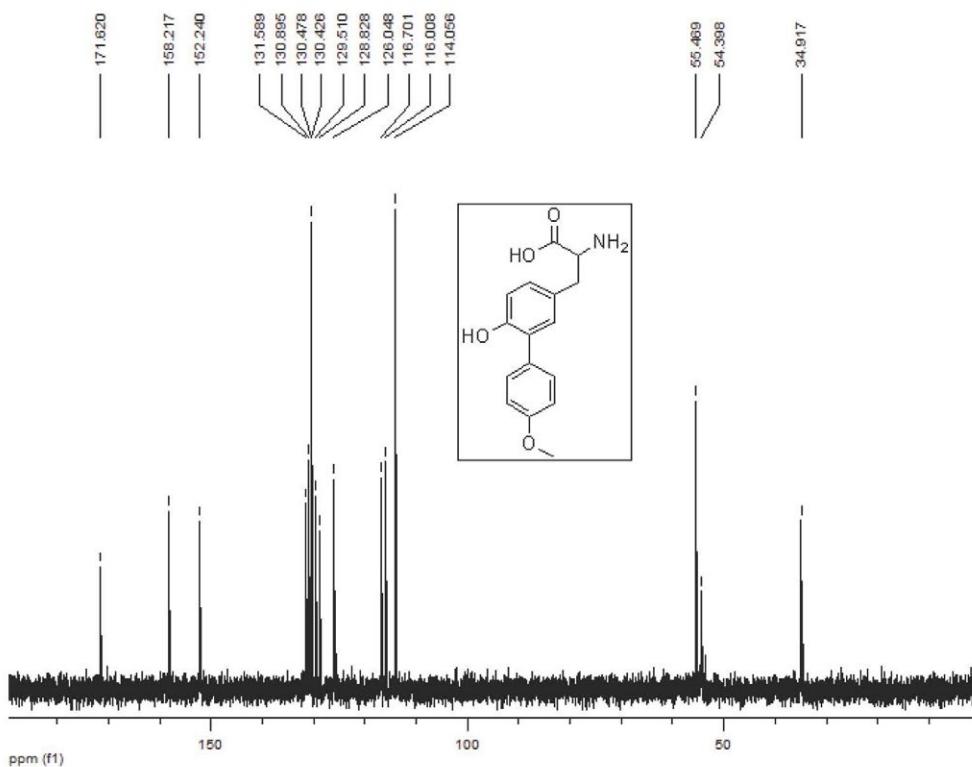


Figure S36. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 6c.

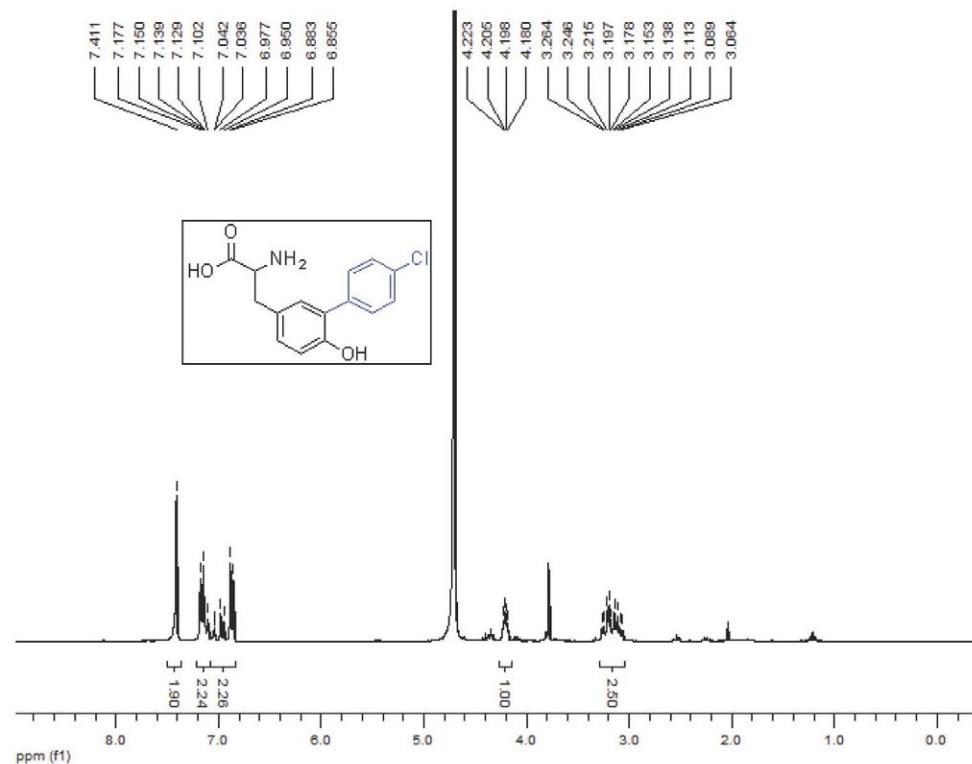


Figure S37. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 6d.

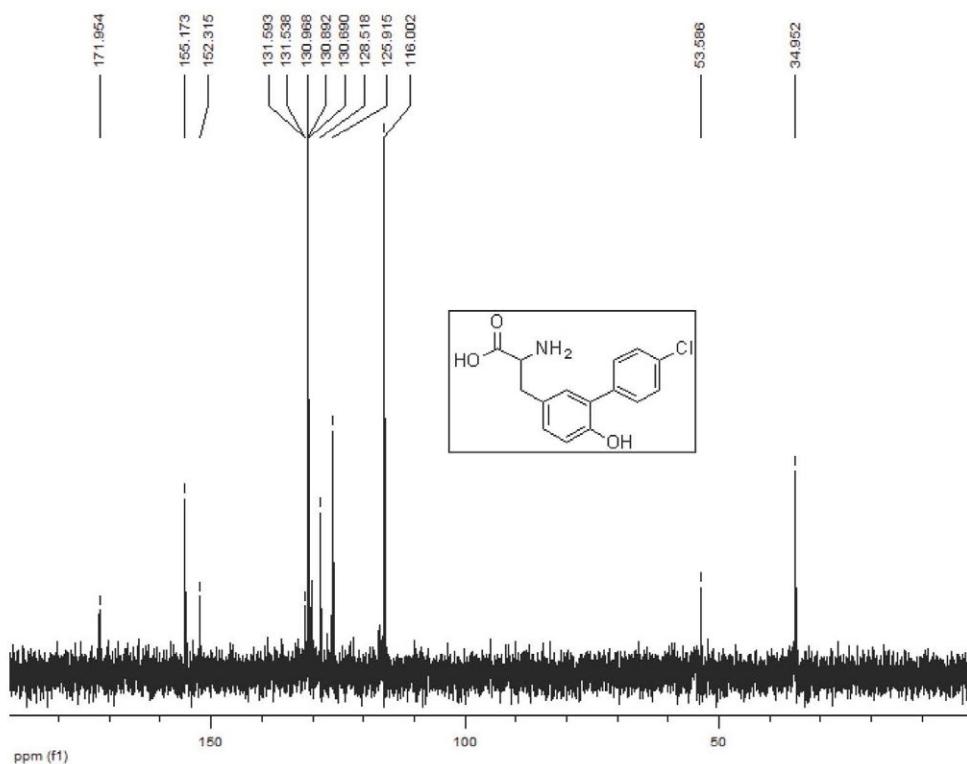


Figure S38. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 6d.

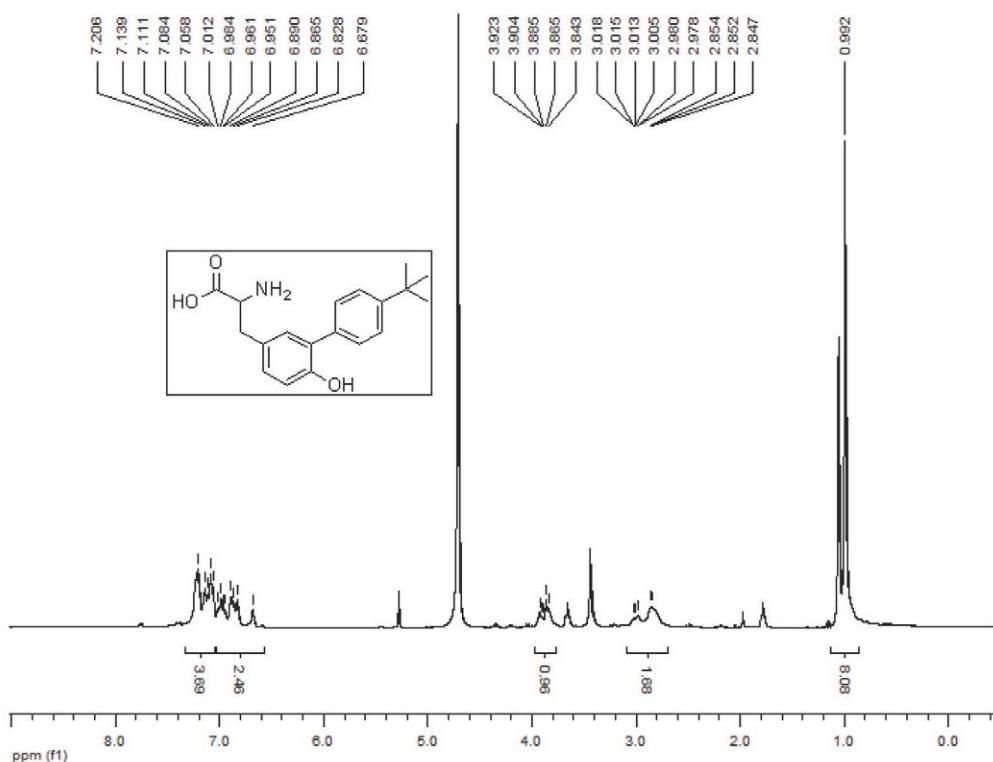


Figure S39. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 6e.

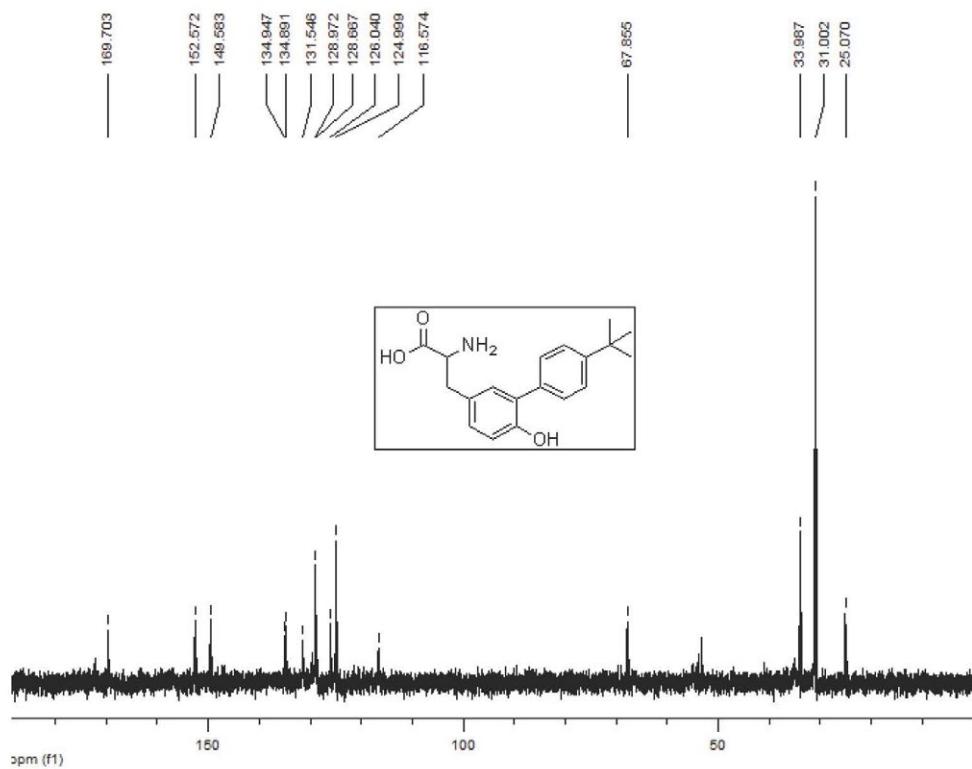


Figure S40. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 6e.

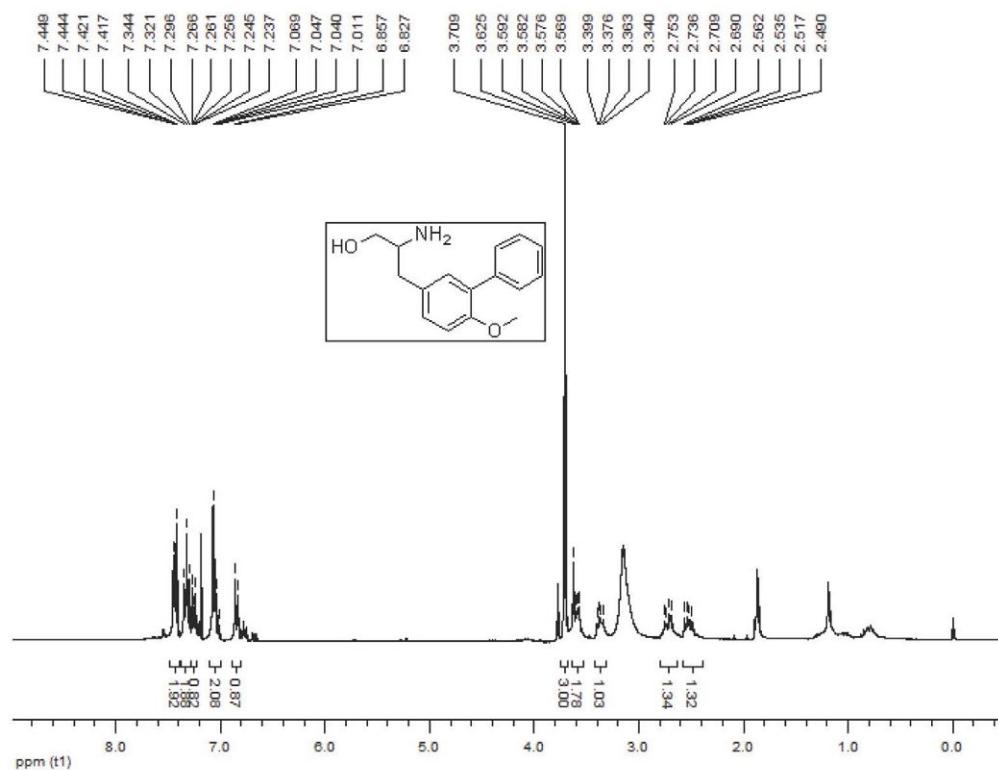


Figure S41. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 7.

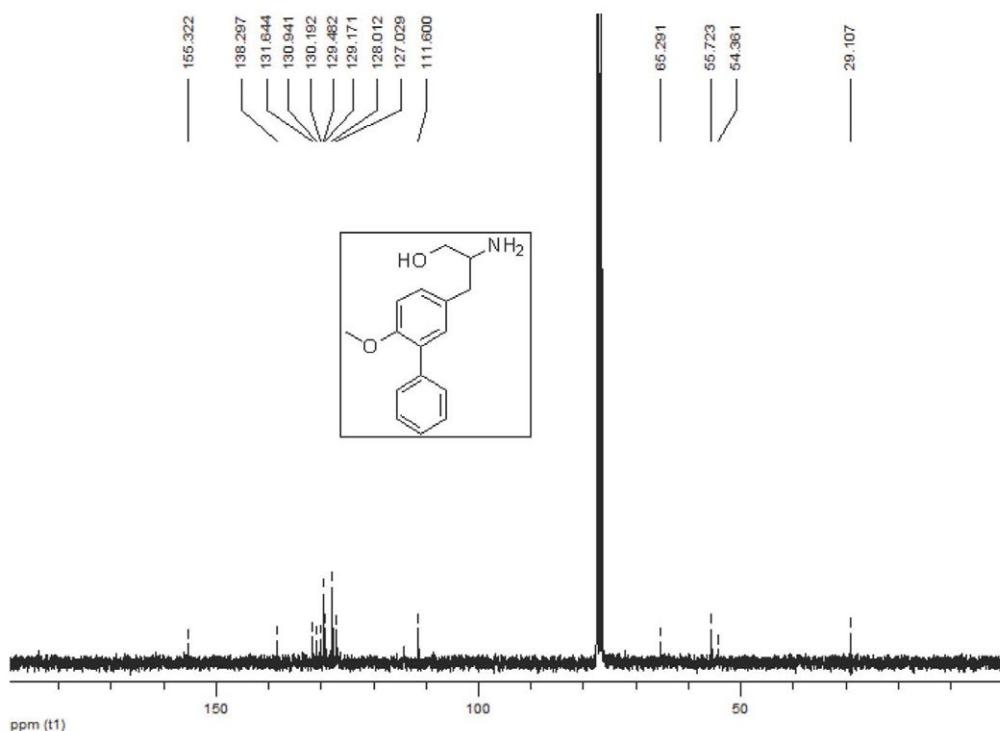


Figure S42. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 7.

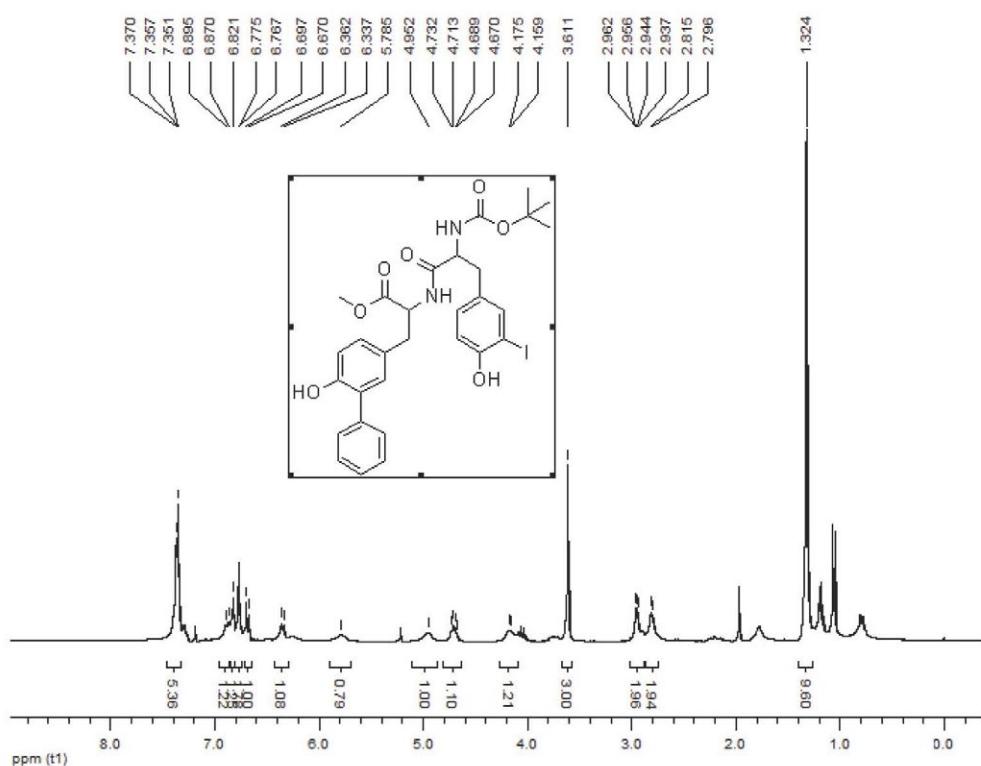


Figure S43. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 10.

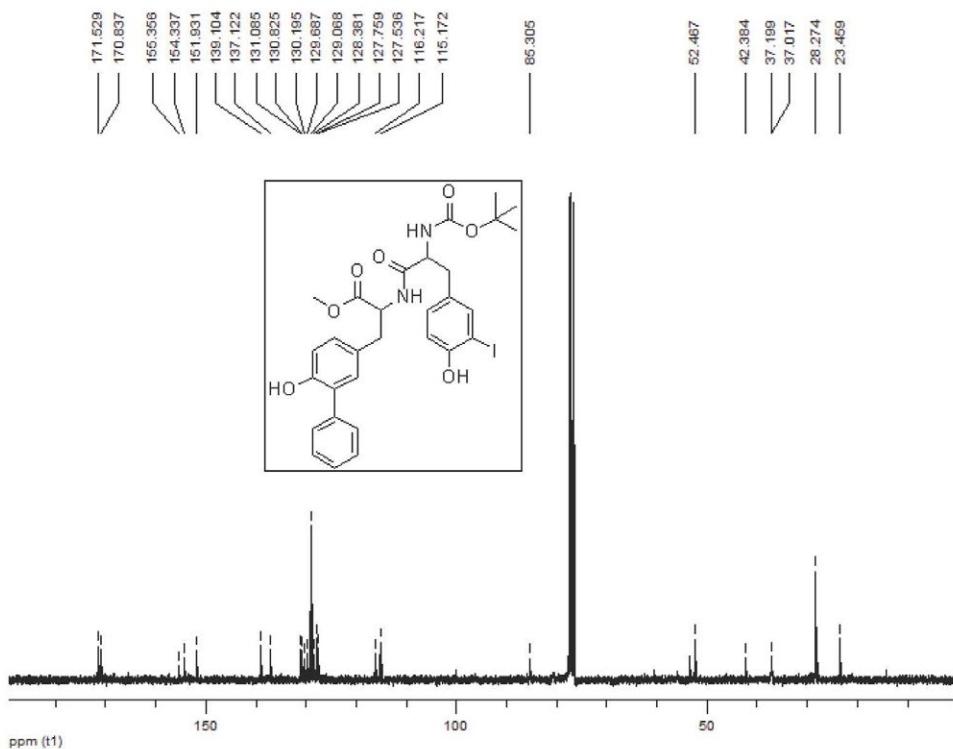


Figure S44. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 10.

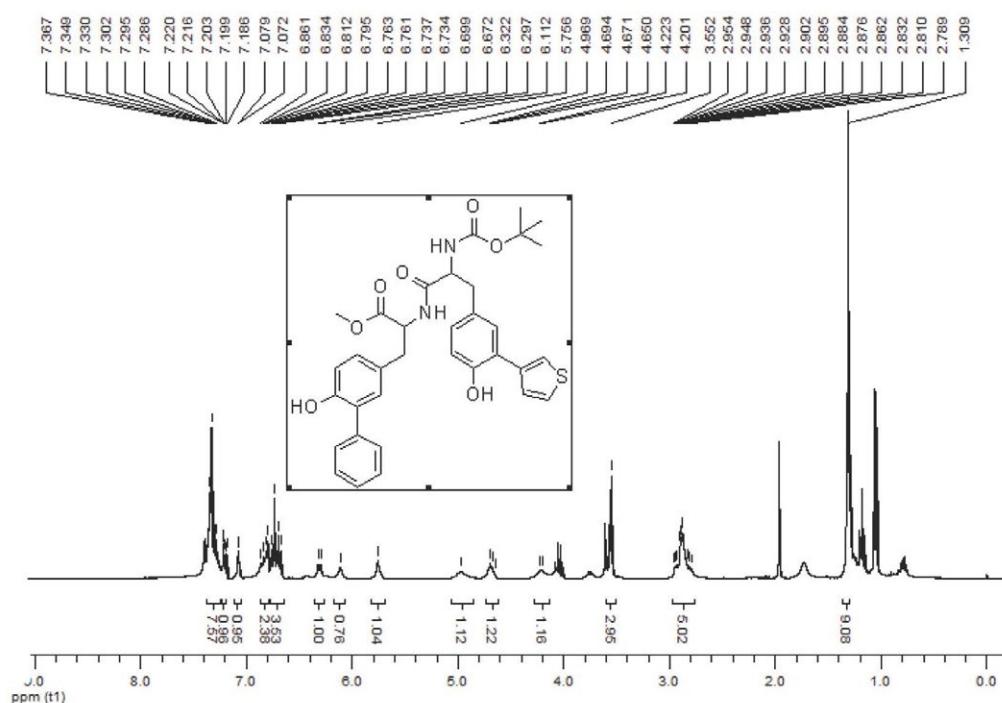


Figure S45. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 11.

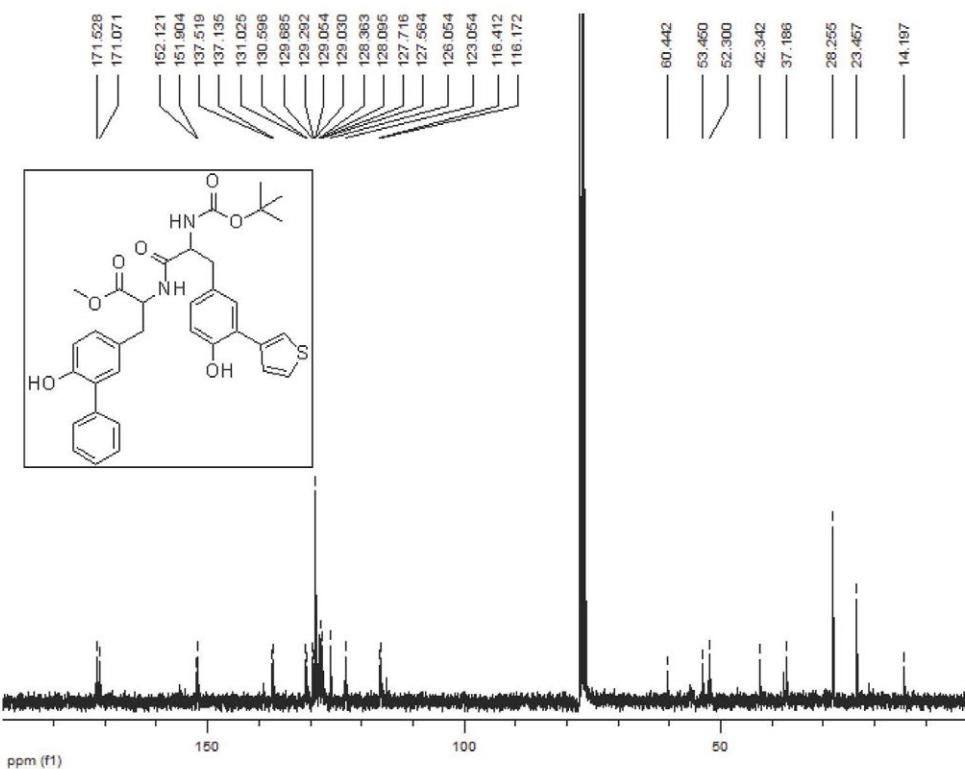


Figure S46. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 11.

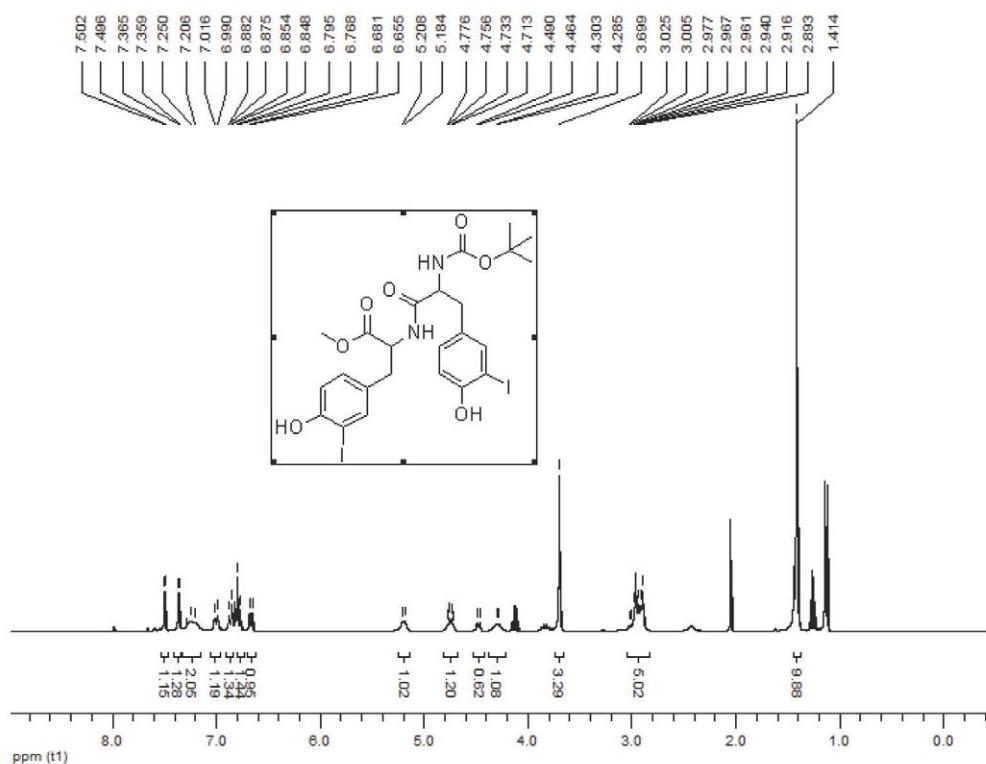


Figure S47. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 12.

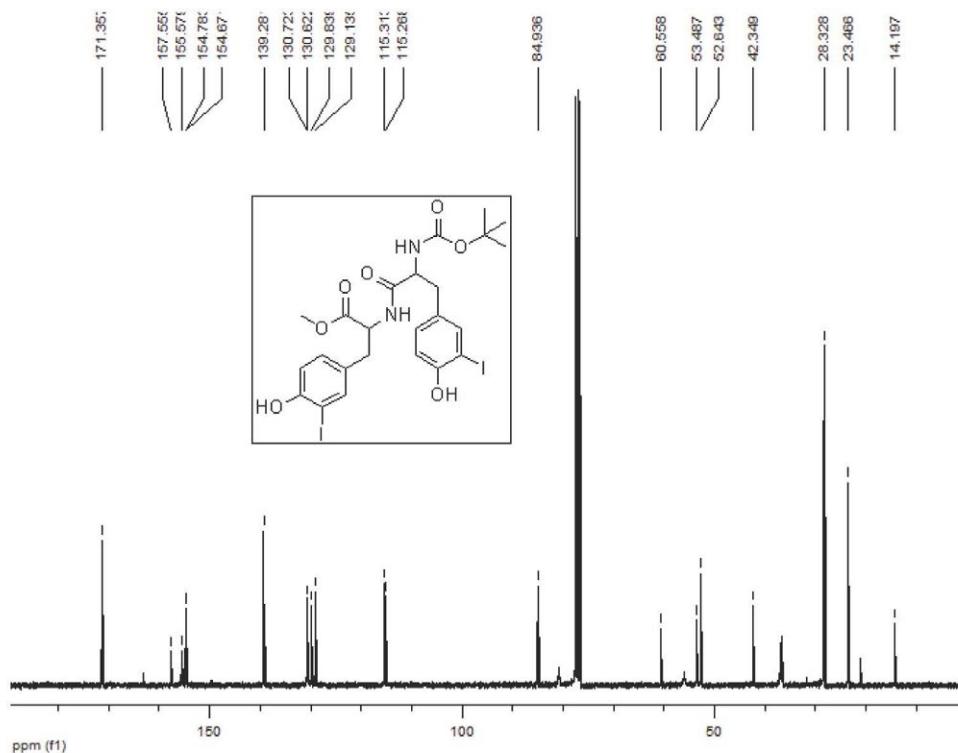


Figure S48. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 12.

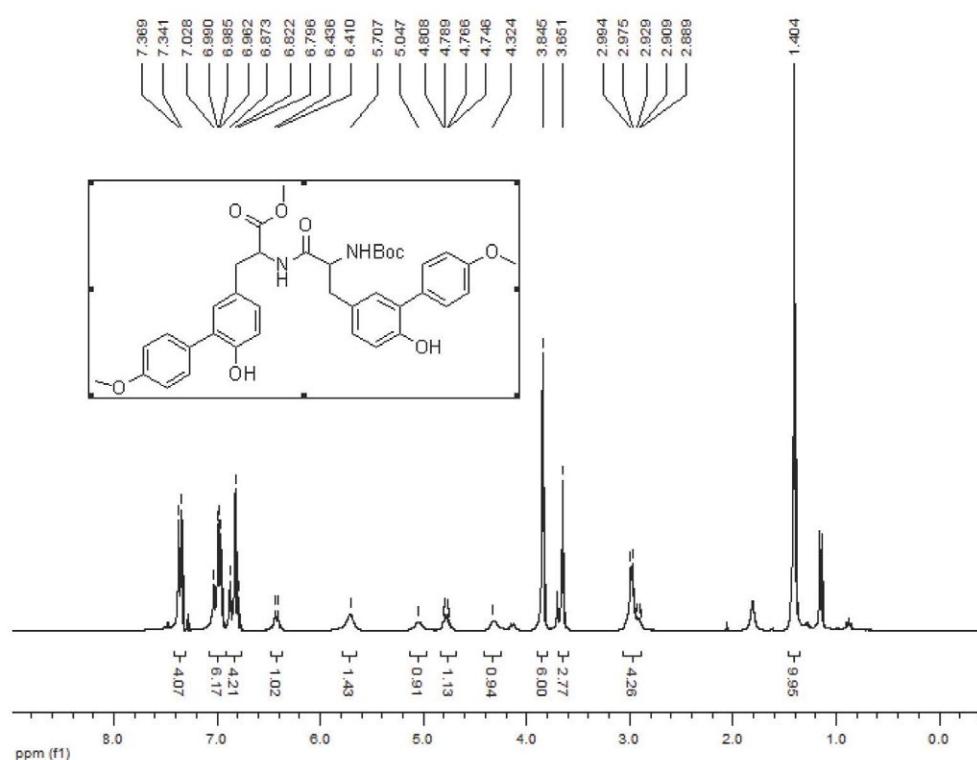


Figure S49. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 13.

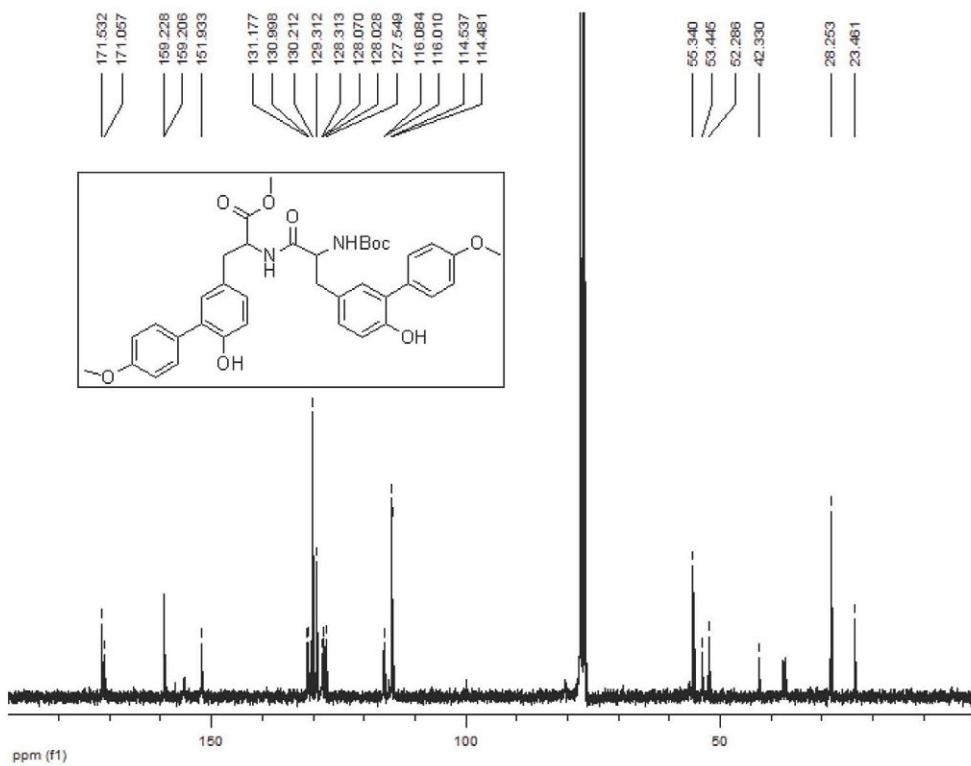


Figure S50. ¹³C NMR spectrum (75 MHz, CDCl₃) of compound 13.