

**Novel benzothiazole-indole acetamides as potential anticancer agents: synthesis,
biological evaluation, and *in silico* studies**

Supplementary data

Figure S1. The ^1H -NMR spectrum of **9a**.

Figure S2. The ^{13}C -NMR spectrum of **9a**.

Figure S3. The ^1H -NMR spectrum of **9b**.

Figure S4. The ^{13}C -NMR spectrum of **9b**.

Figure S5. The ^1H -NMR spectrum of **9c**.

Figure S6. The ^{13}C -NMR spectrum of **9c**.

Figure S7. The ^1H -NMR spectrum of **9d**.

Figure S8. The ^{13}C -NMR spectrum of **9d**.

Figure S9. The ^1H -NMR spectrum of **9e**.

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Figure S11. The ^1H -NMR spectrum of **9f**.

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Figure S13. The ^1H -NMR spectrum of **9g**.

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Figure S18. The ^{13}C -NMR spectrum of **9i**.

Figure S19. The ^1H -NMR spectrum of **9j**.

Figure S20. The ^{13}C -NMR spectrum of **9j**.

Figure S21. The ^1H -NMR spectrum of **9k**.

Figure S22. The ^{13}C -NMR spectrum of **9k**.

Figure S23. The ^1H -NMR spectrum of **9l**.

Figure S24. The ^{13}C -NMR spectrum of **9l**.

Figure S25. The ^1H -NMR spectrum of **9m**.

Figure S26. The ^{13}C -NMR spectrum of **9m**.

Figure S27. The ^1H -NMR spectrum of **9n**.

Figure S28. The ^{13}C -NMR spectrum of **9n**.

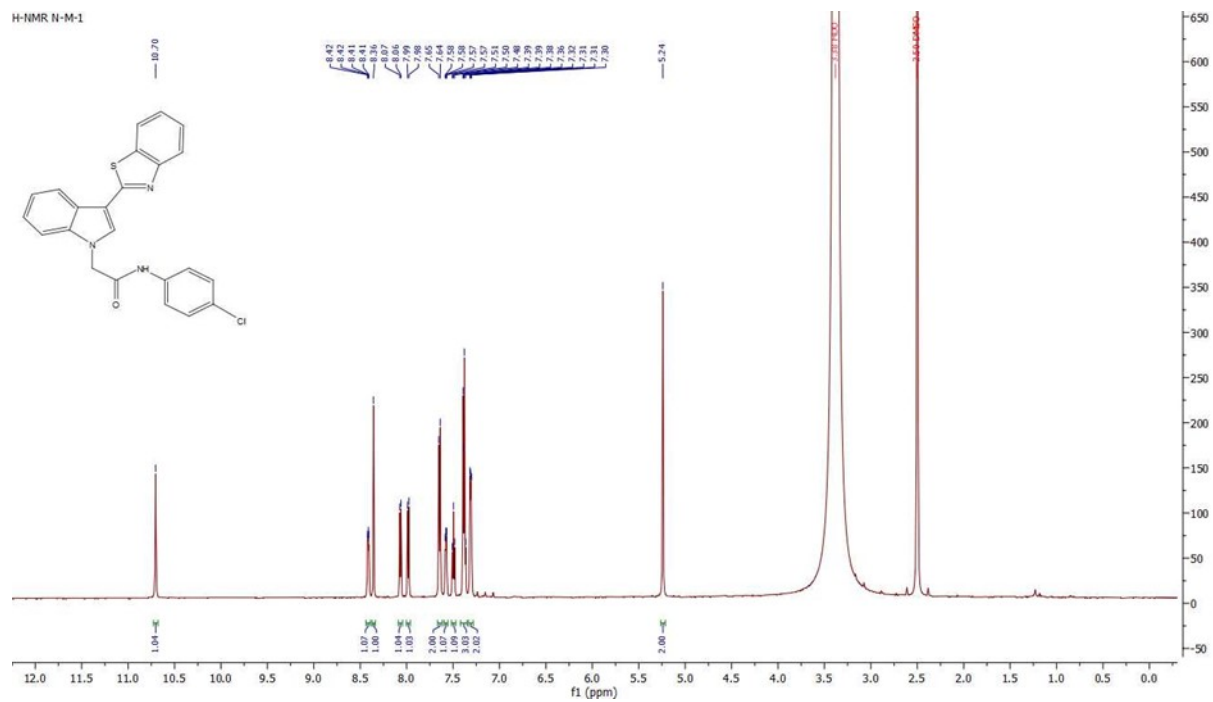


Figure S1. The $^1\text{H-NMR}$ spectrum of **9a**.

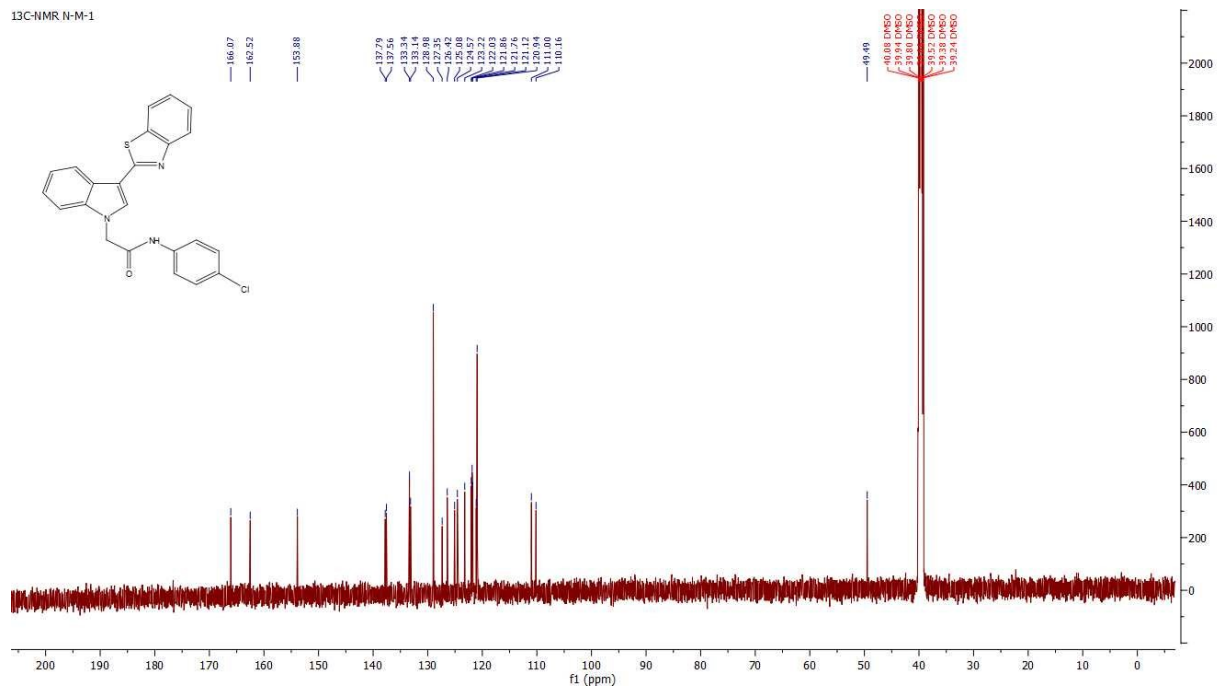


Figure S2. The ¹³C-NMR spectrum of **9a**.

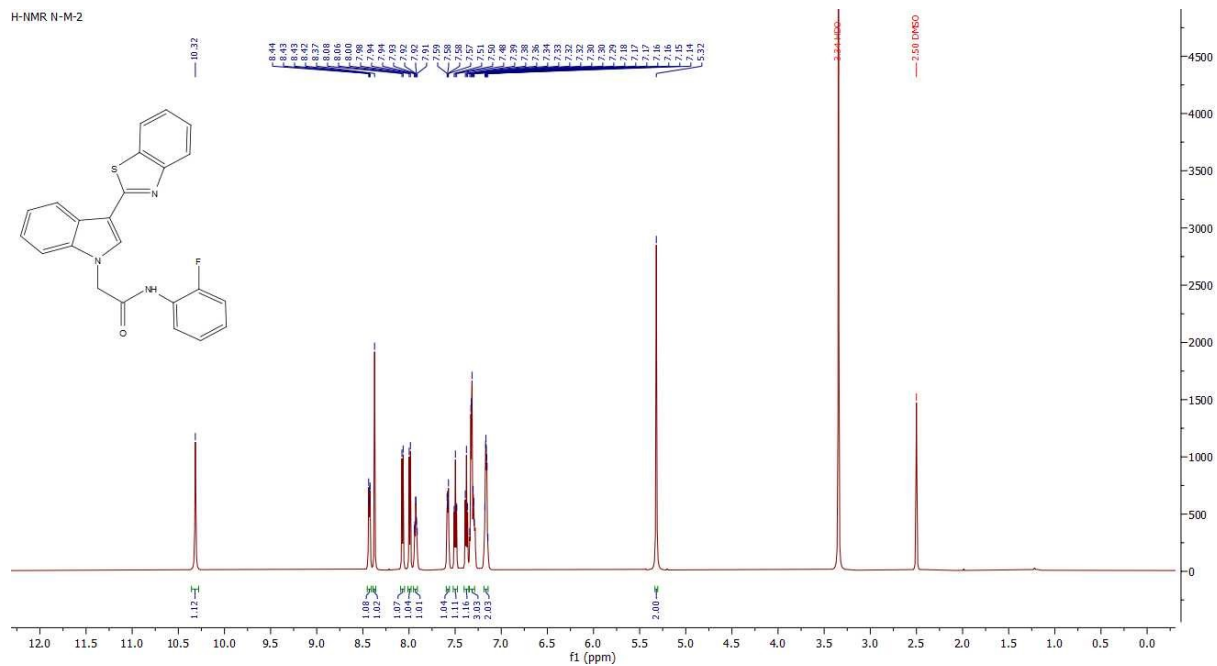


Figure S3. The ^1H -NMR spectrum of **9b**.

¹³C-NMR N-M-2

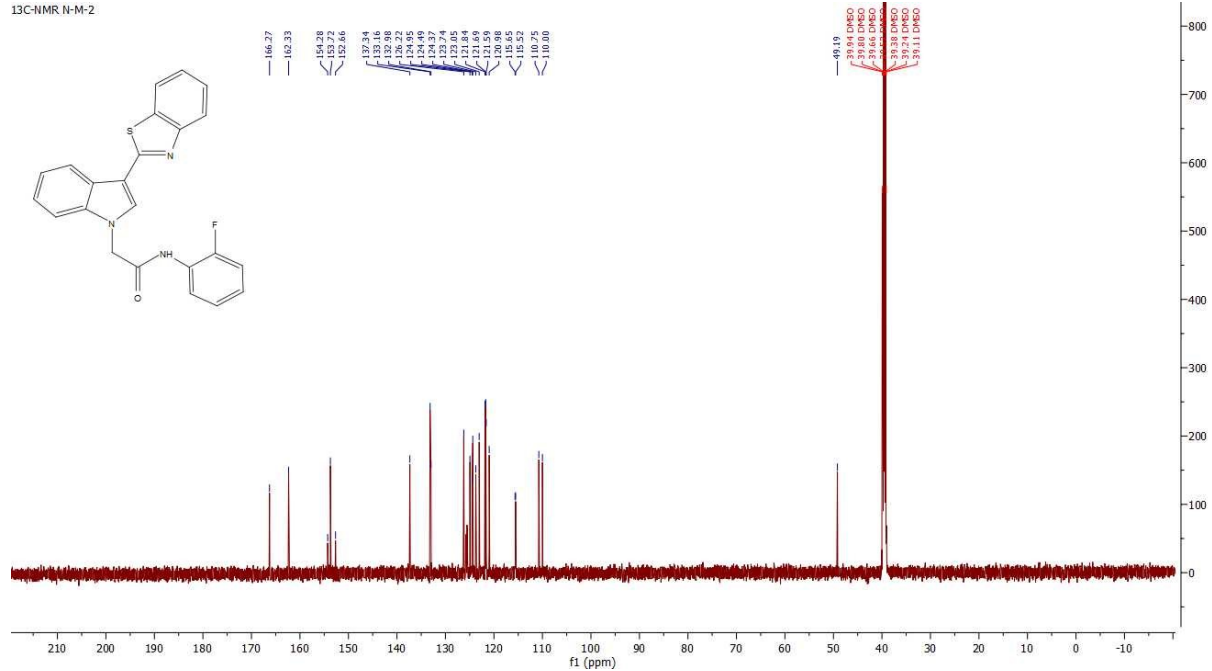


Figure S4. The ¹³C-NMR spectrum of 9b.

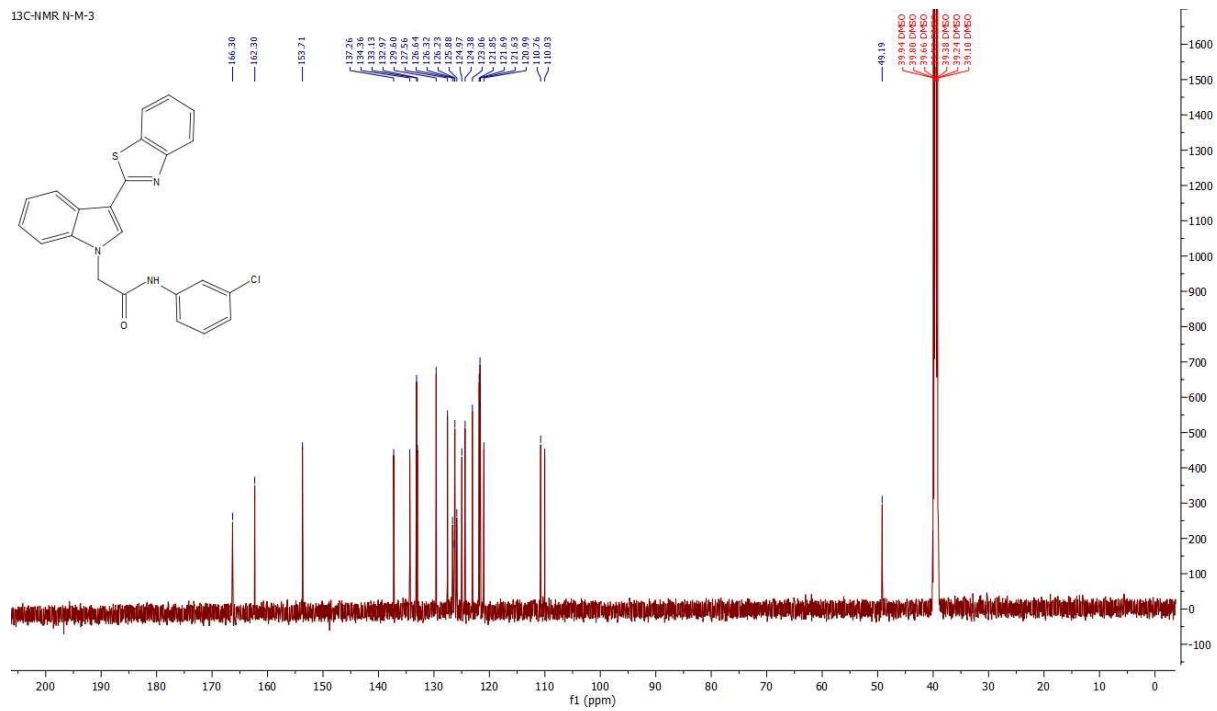


Figure S6. The ¹³C-NMR spectrum of 9c.

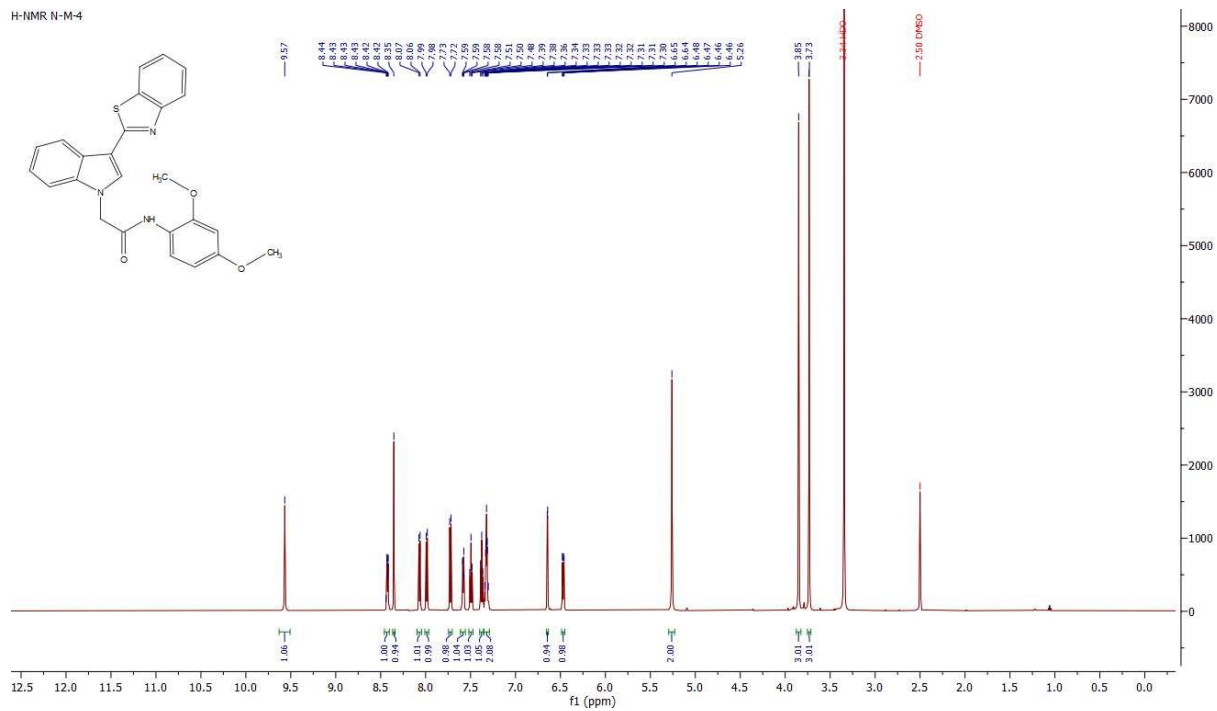


Figure S7. The $^1\text{H-NMR}$ spectrum of **9d**.

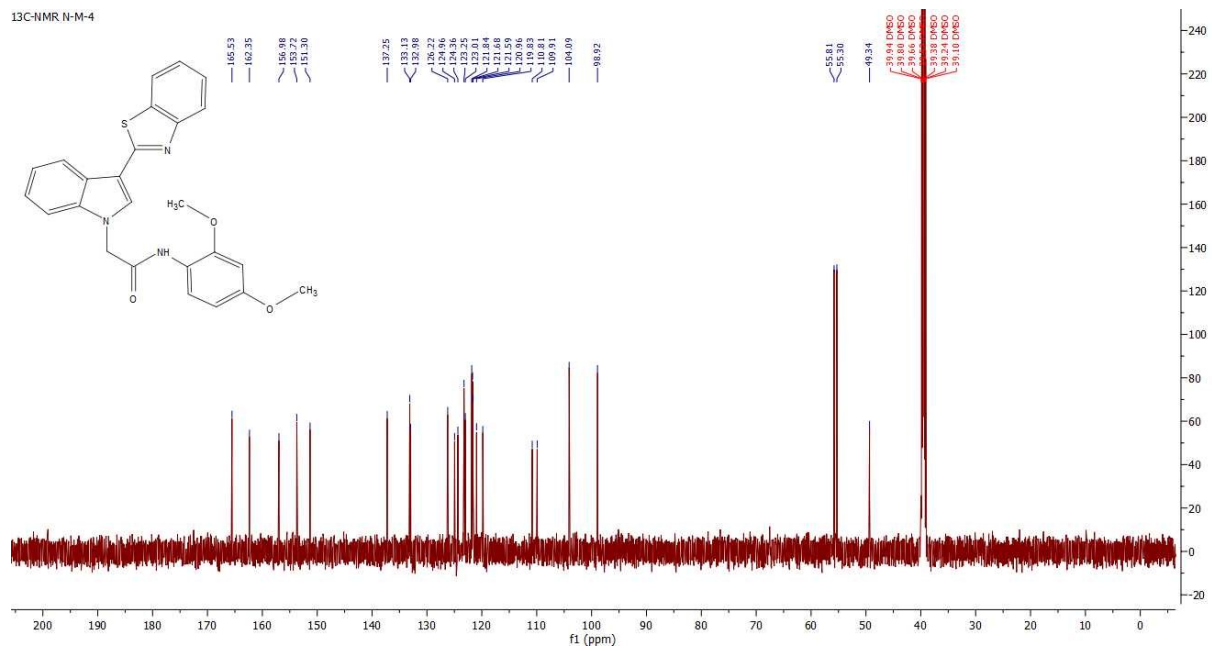


Figure S8. The ¹³C-NMR spectrum of **9d**.

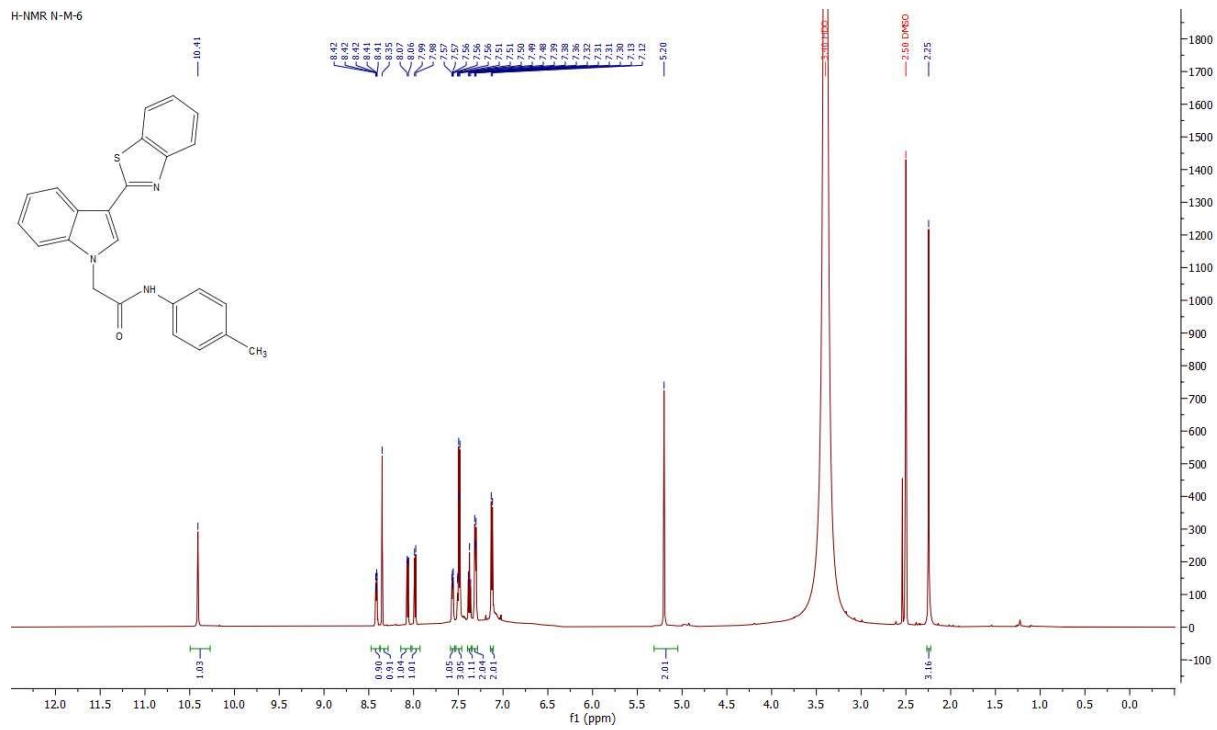


Figure S11. The $^1\text{H-NMR}$ spectrum of **9f**.

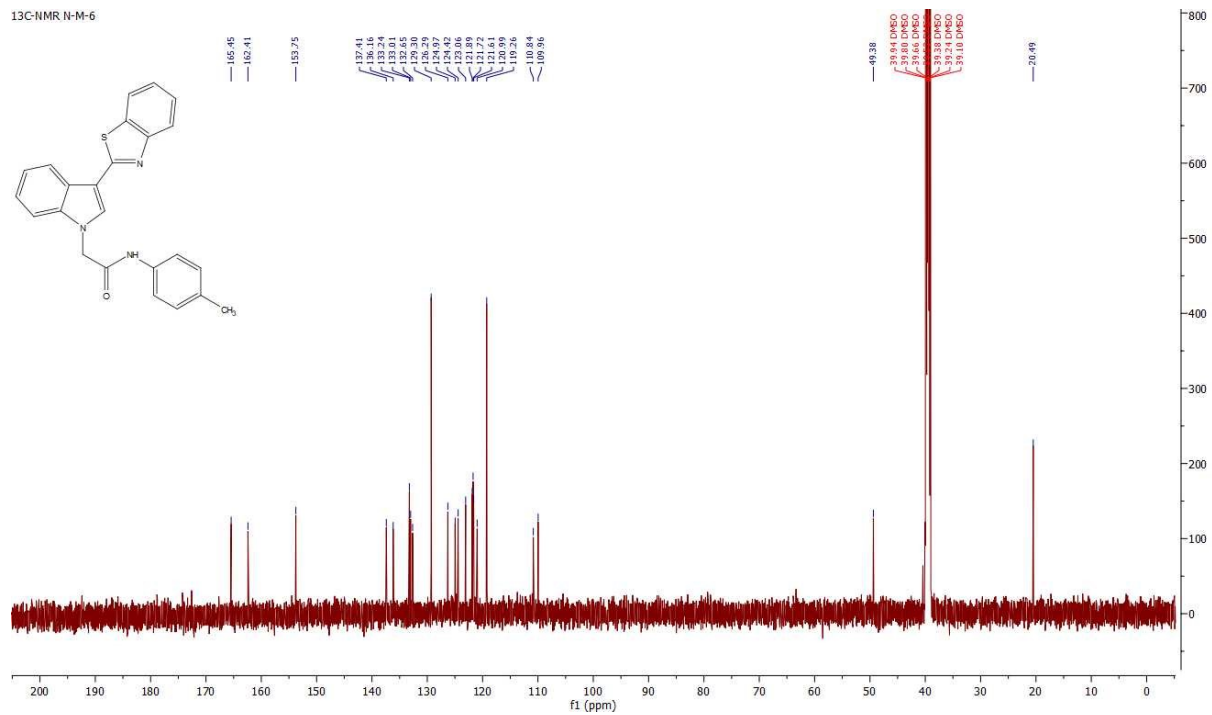


Figure S12. The ¹³C-NMR spectrum of 9f.

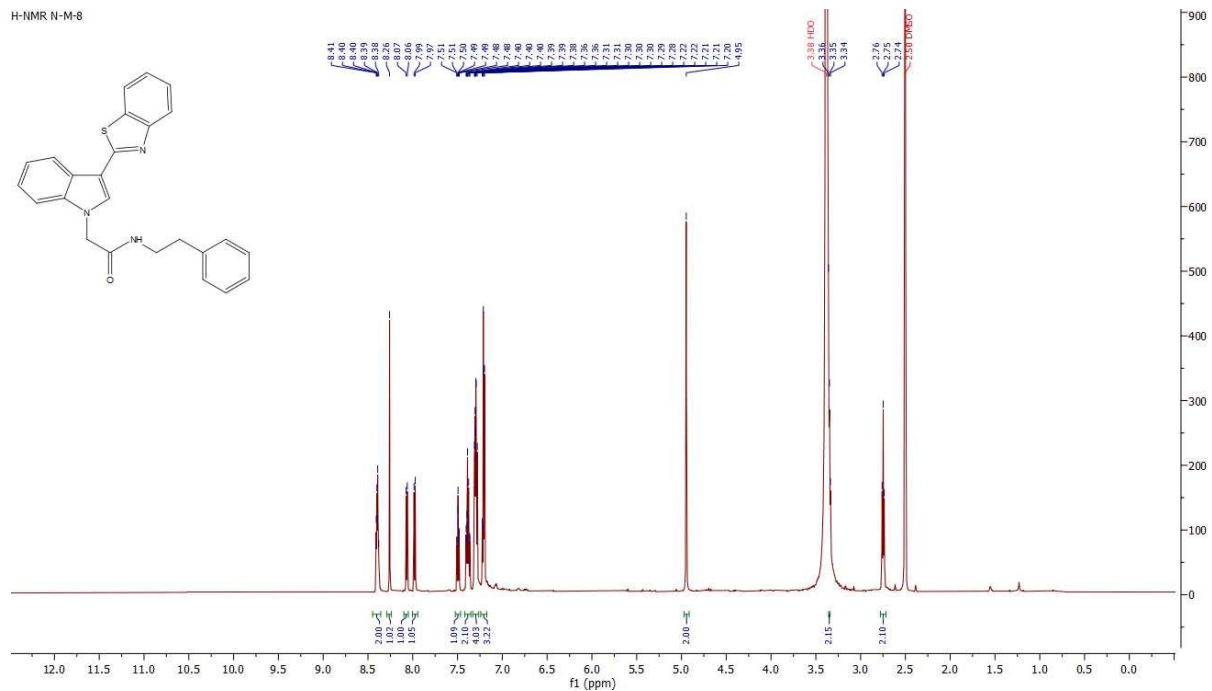


Figure S13. The ¹H-NMR spectrum of **9g**.

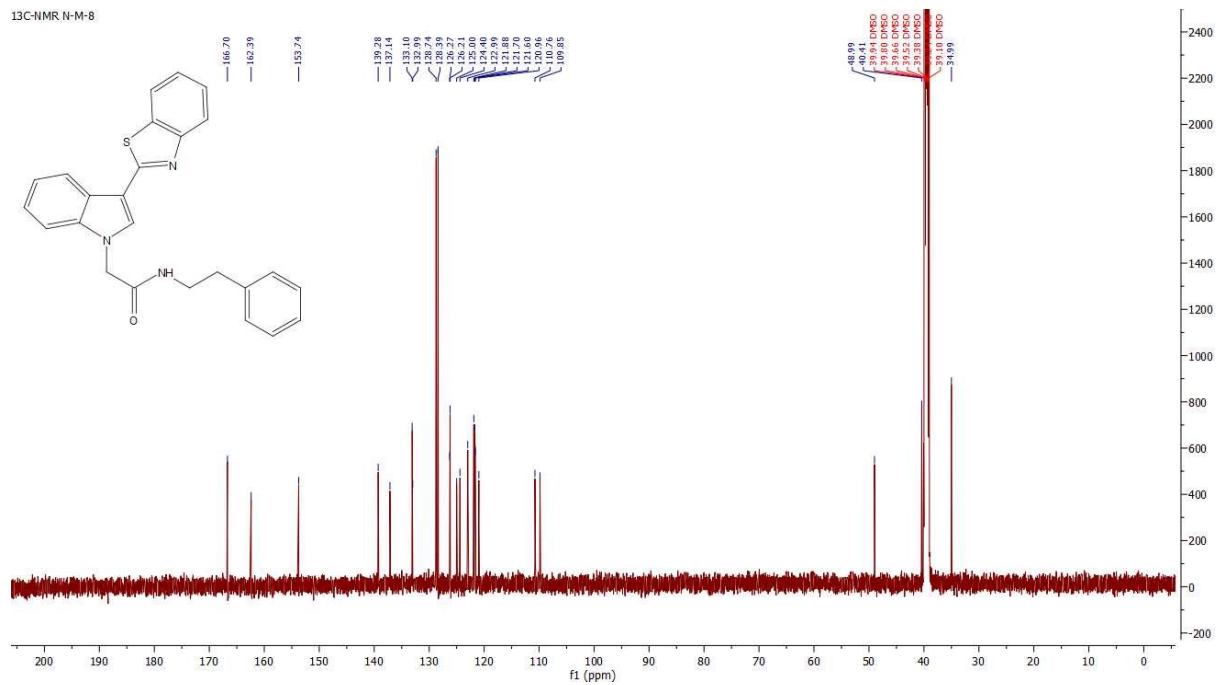


Figure S14. The ¹³C-NMR spectrum of 9g.

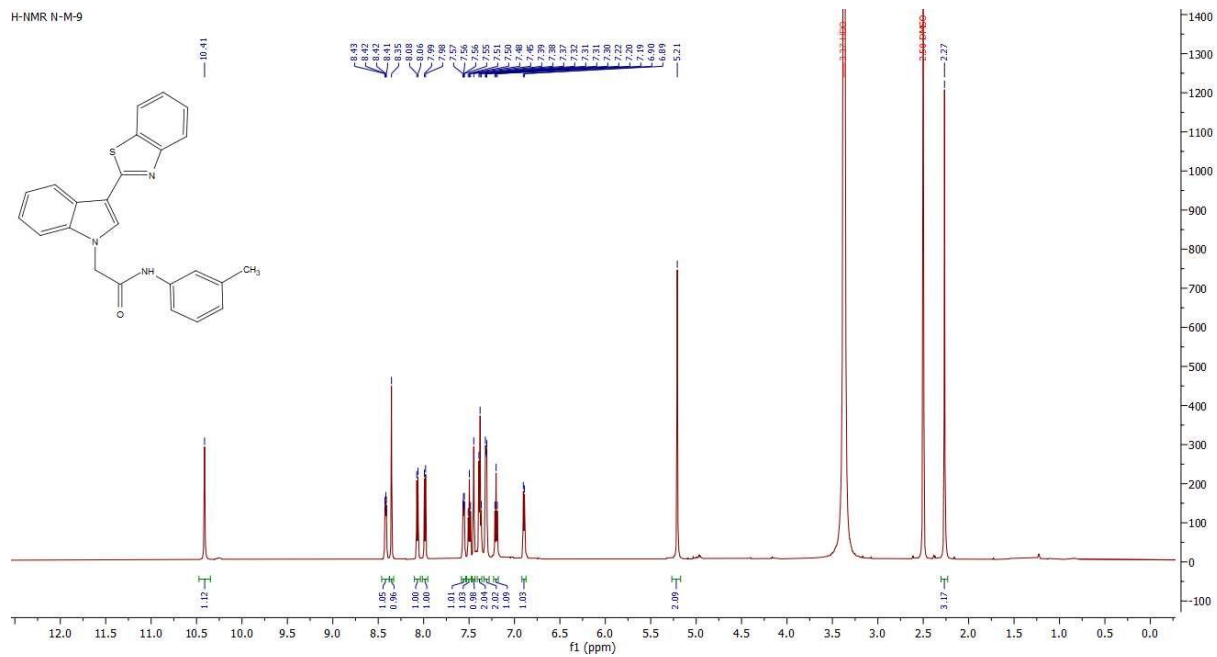


Figure S15. The ^1H -NMR spectrum of **9h**.

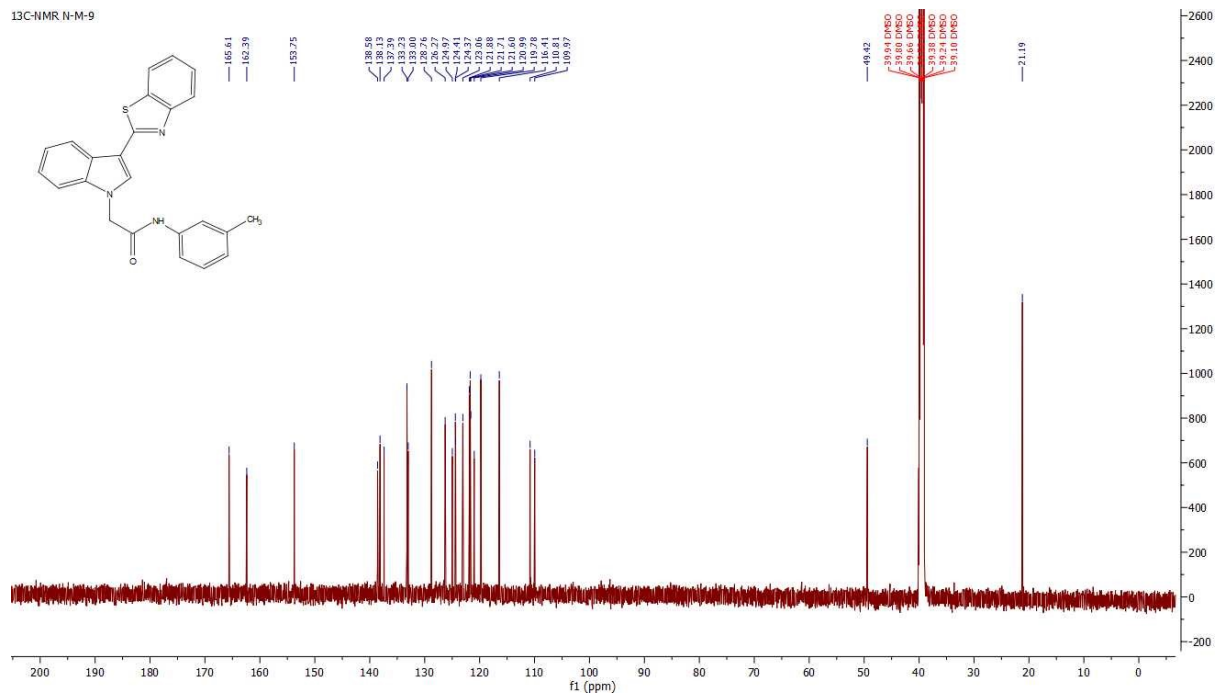


Figure S16. The ¹³C-NMR spectrum of **9h**.

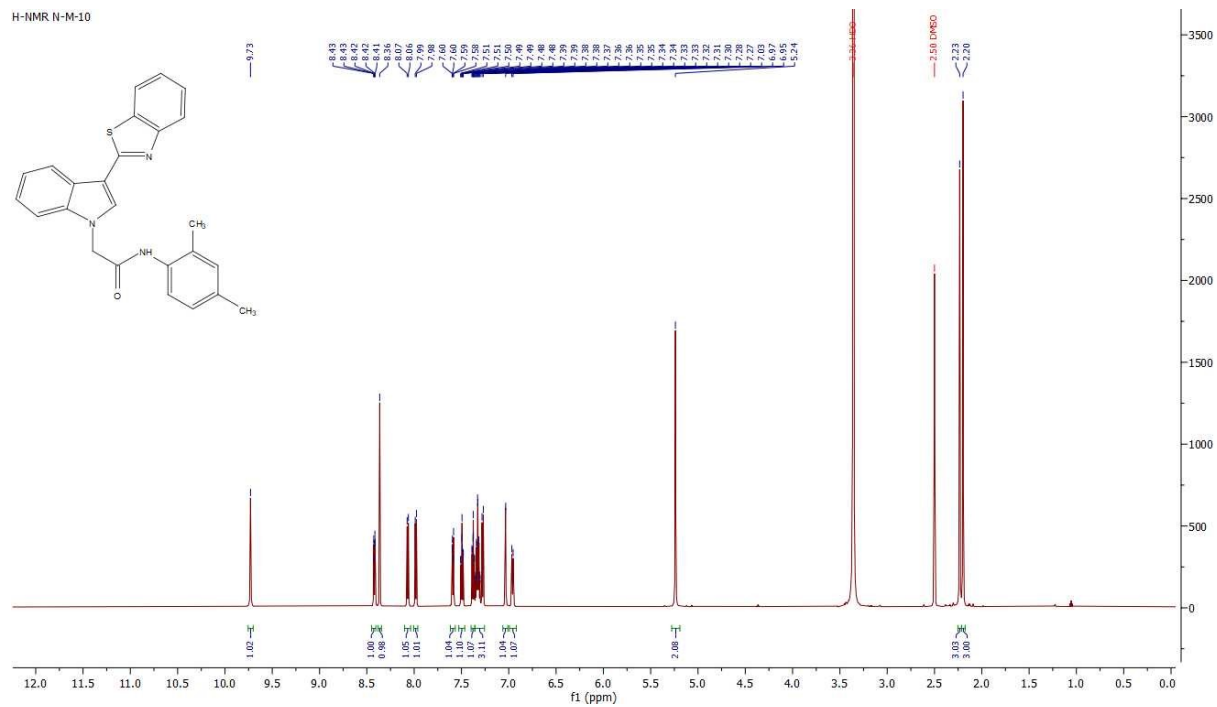


Figure S17. The ^1H -NMR spectrum of **9i**.

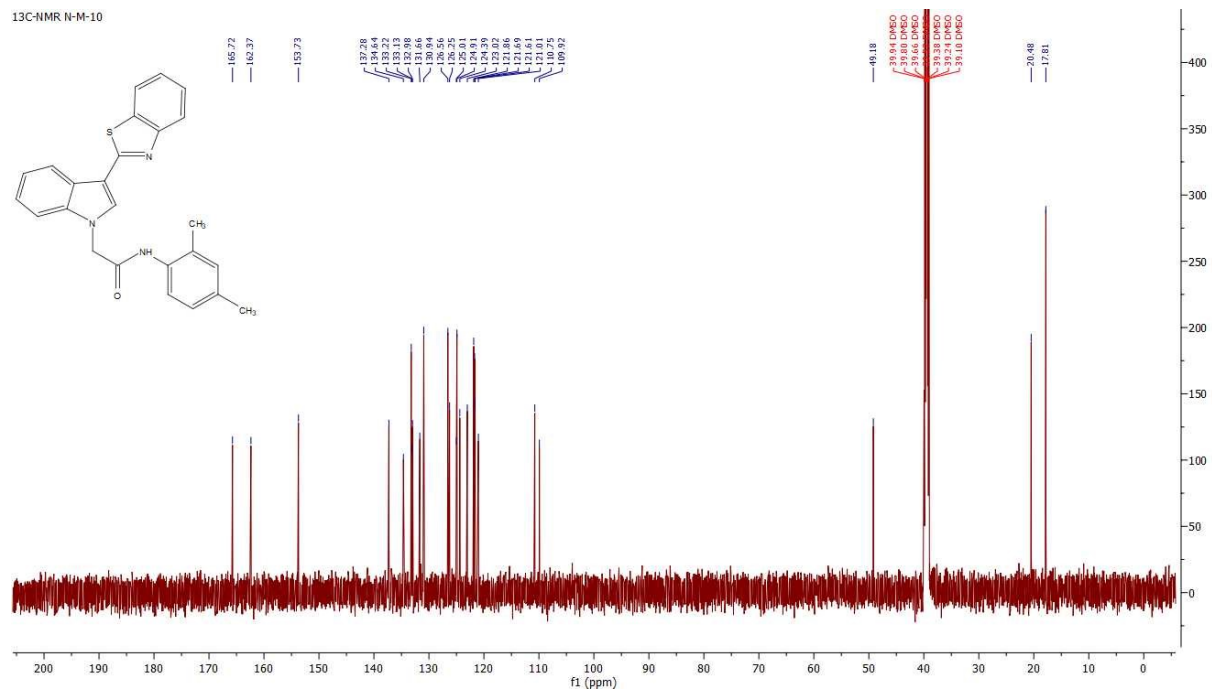


Figure S18. The ¹³C-NMR spectrum of **9i**.

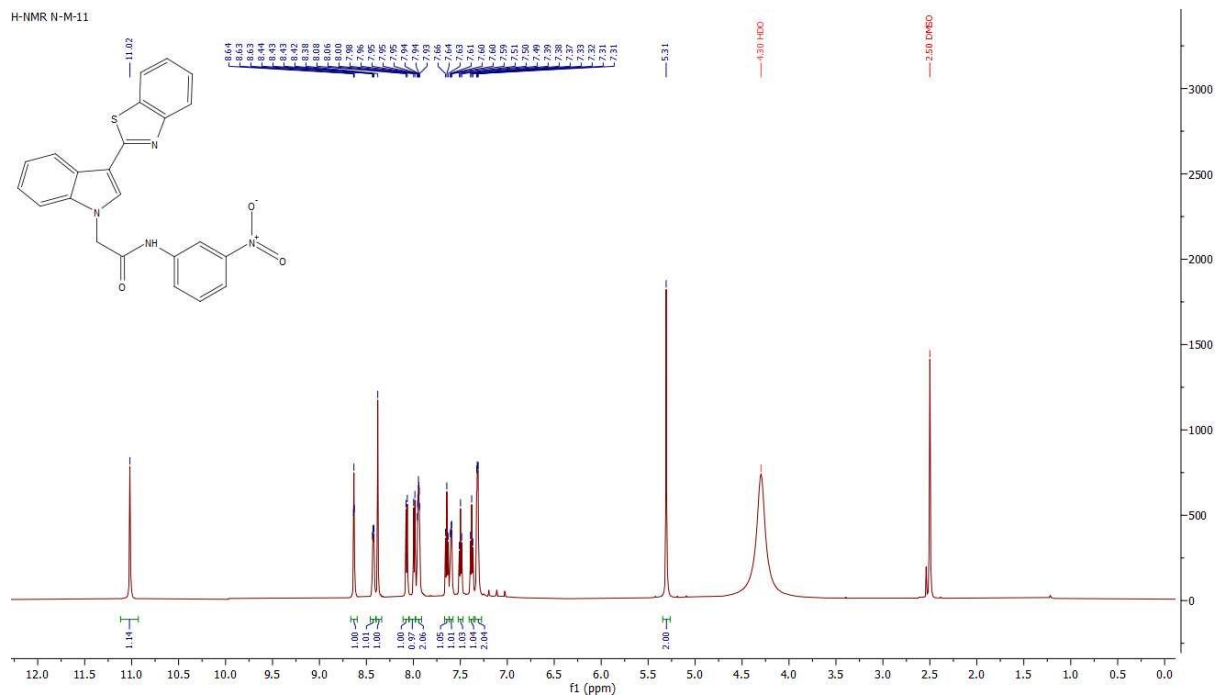


Figure S19. The $^1\text{H-NMR}$ spectrum of **9j**.

¹³C-NMR N-M-11

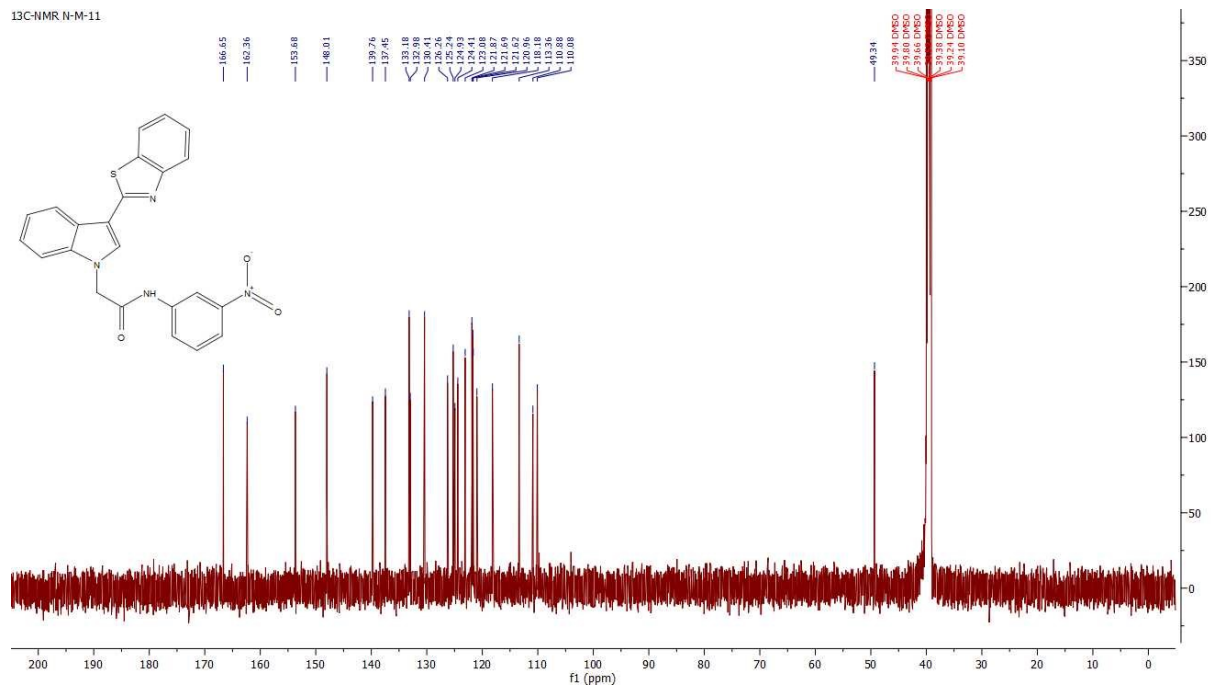


Figure S20. The ¹³C-NMR spectrum of 9j.

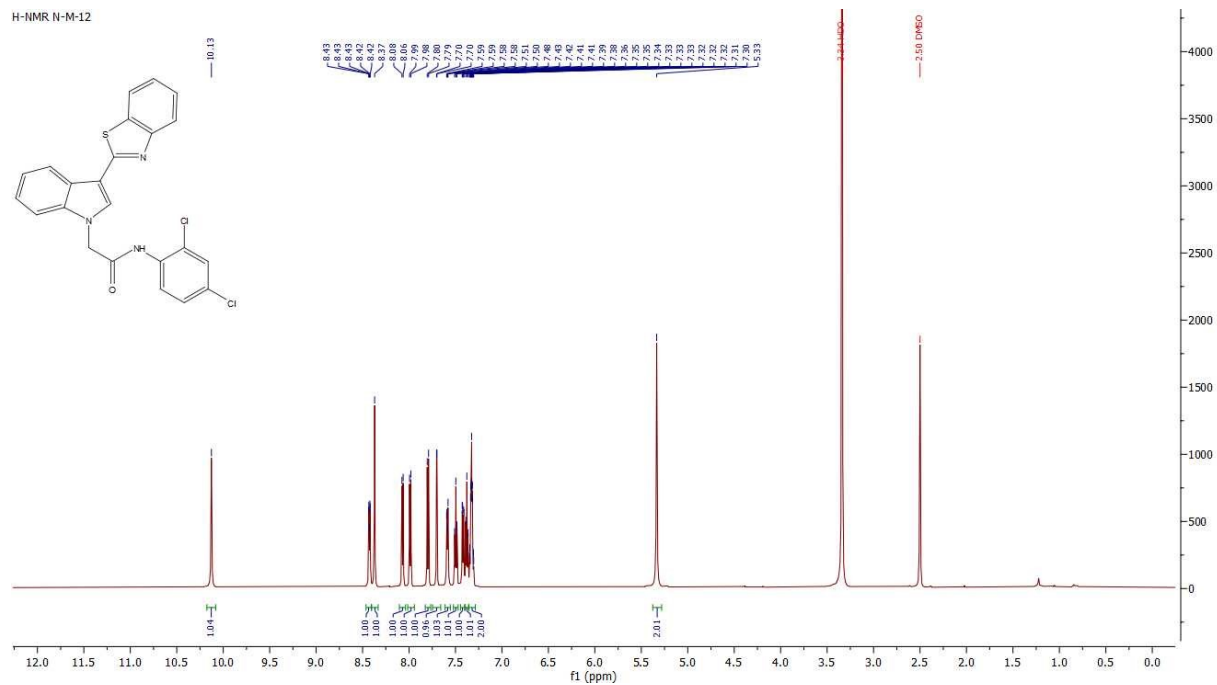


Figure S21. The ^1H -NMR spectrum of **9k**.

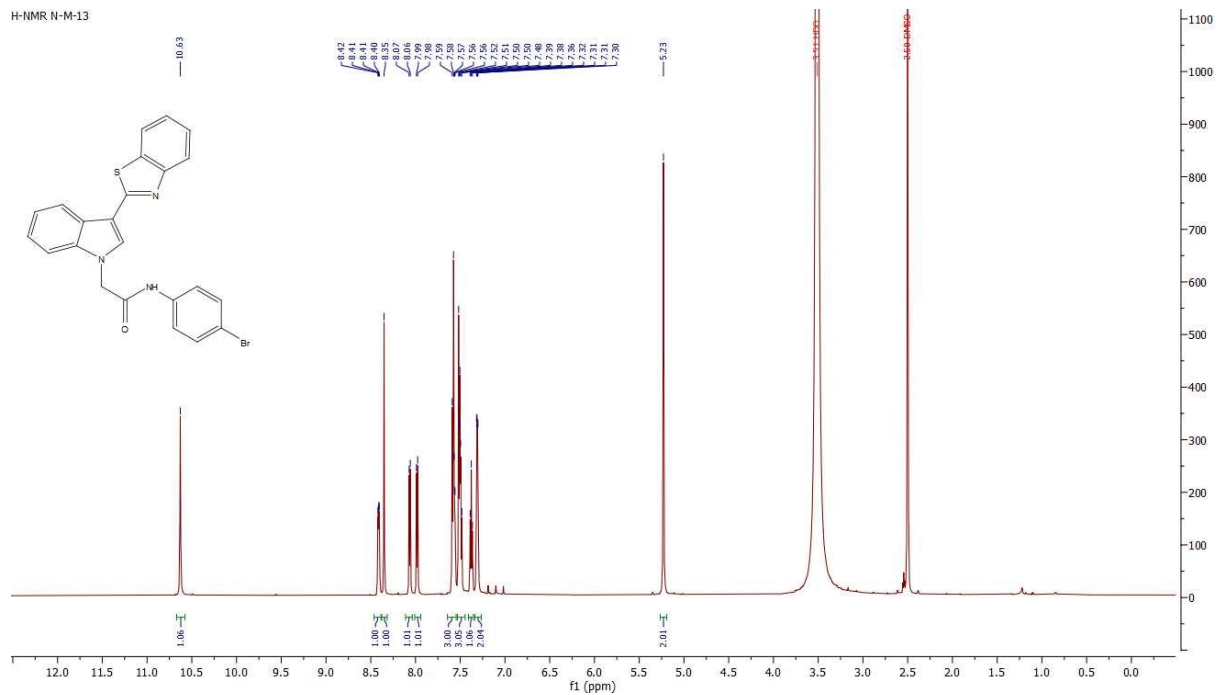


Figure S23. The ^1H -NMR spectrum of **91**.

¹³C-NMR N-M-13

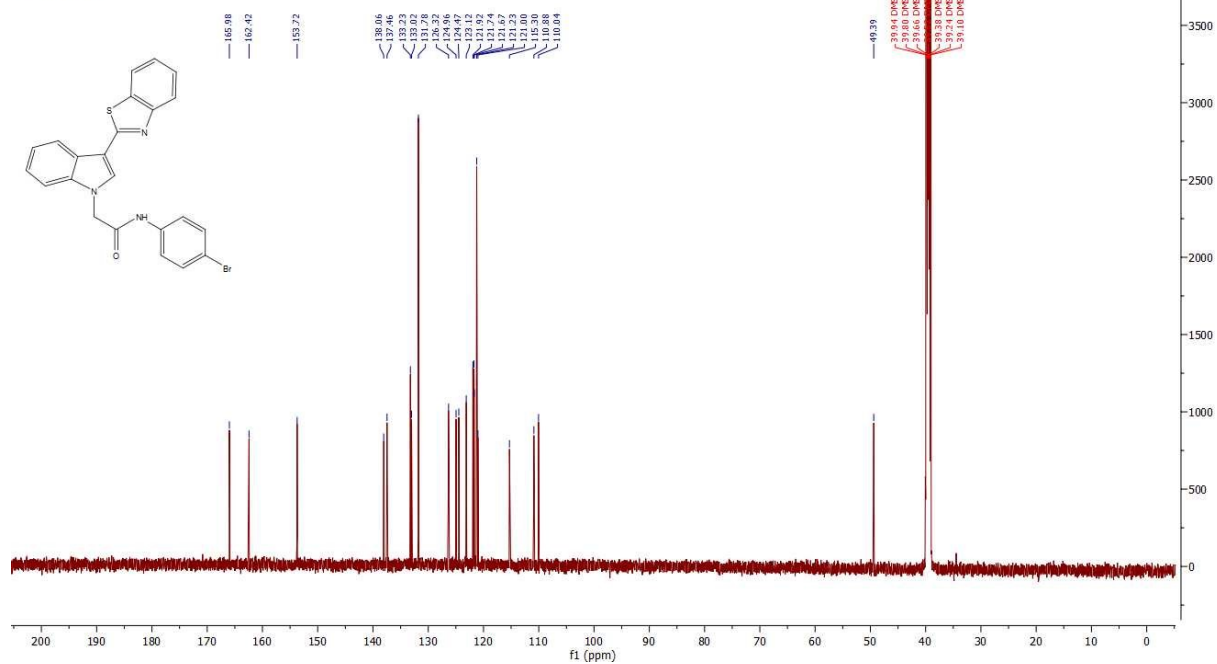


Figure S24. The ¹³C-NMR spectrum of 91.

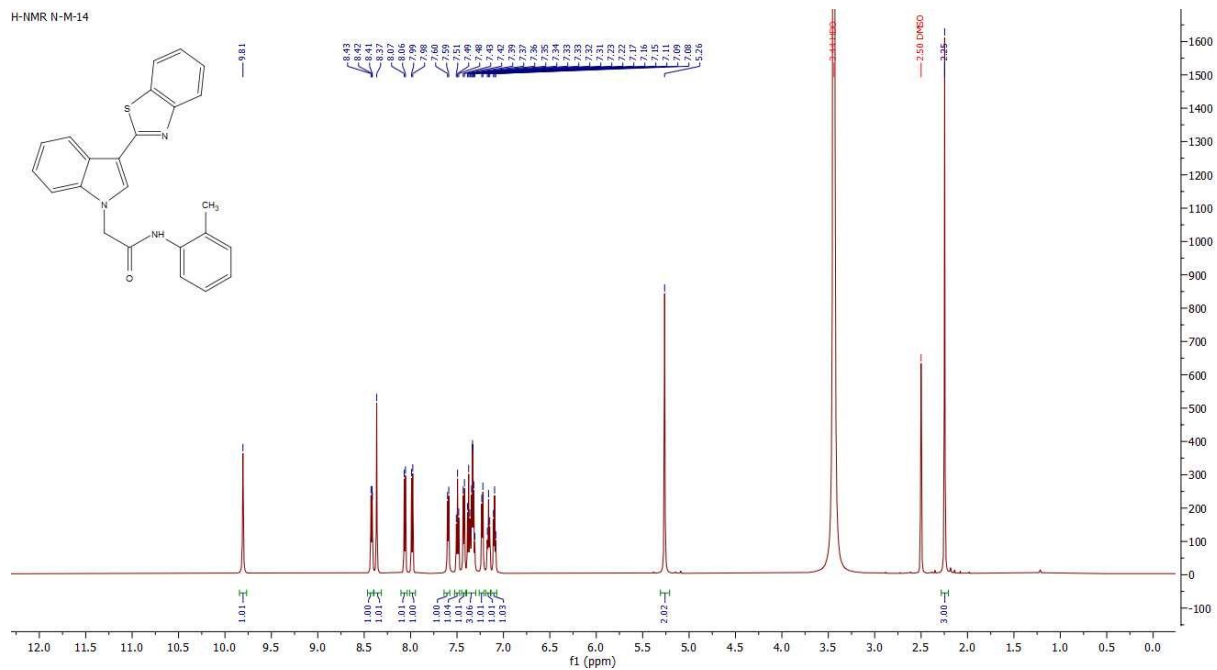


Figure S25. The ^1H -NMR spectrum of **9m**.

¹³C-NMR N-M-14

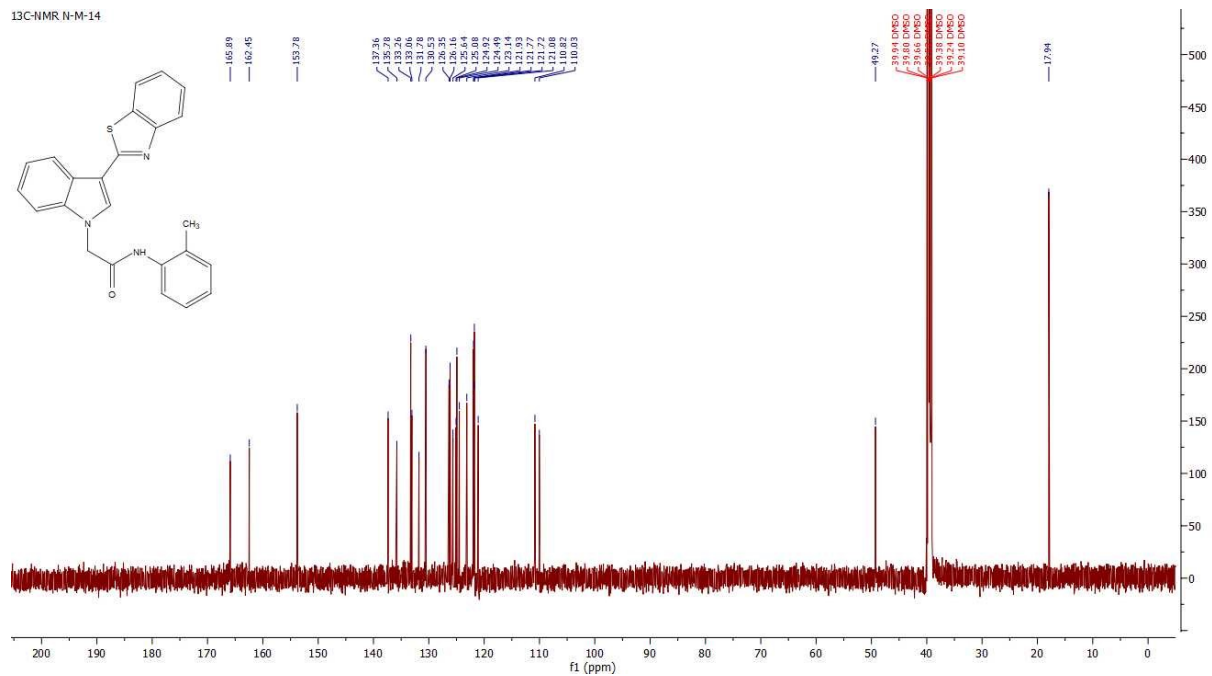


Figure S26. The ¹³C-NMR spectrum of 9m.

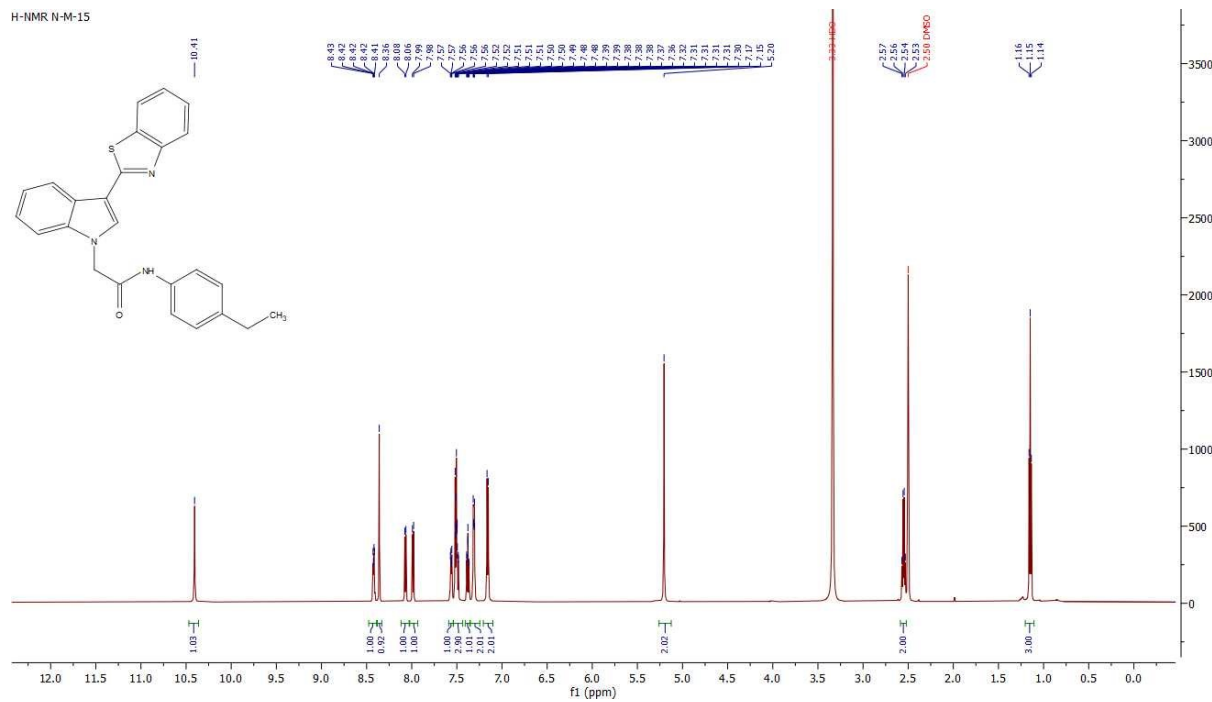


Figure S27. The ¹H-NMR spectrum of **9n**.

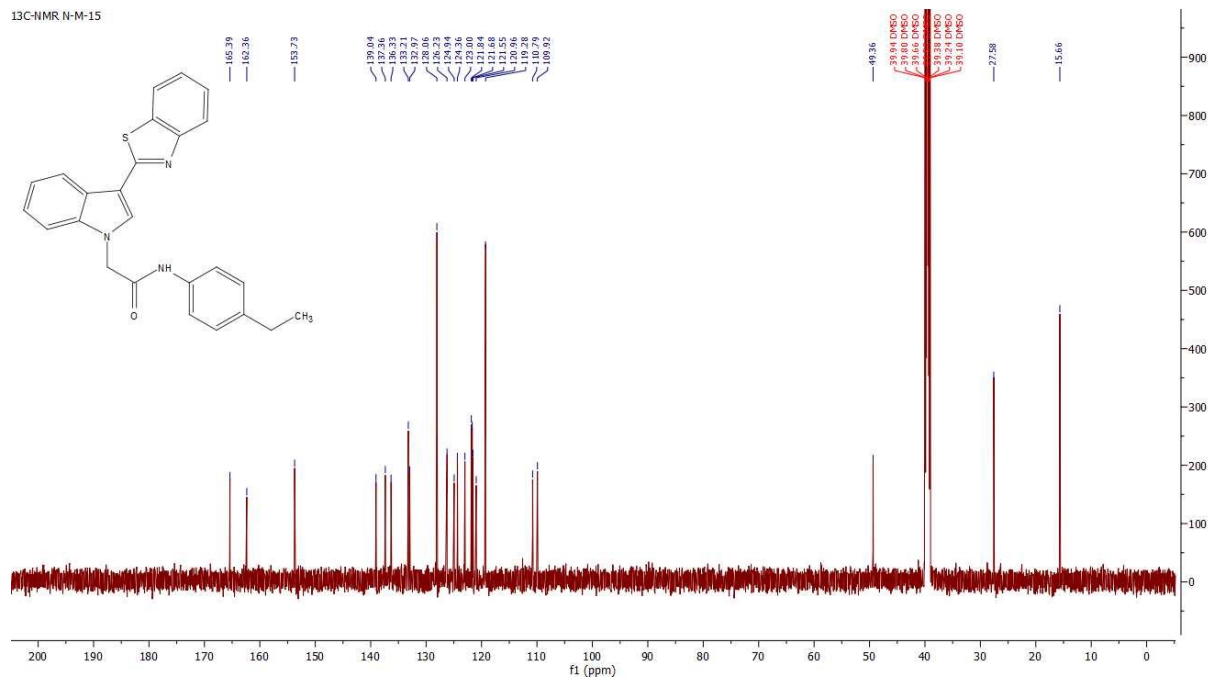


Figure S28. The ¹³C-NMR spectrum of **9n**.