

Supplementary material for the article:

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Electronic Supplementary Information

Novel 1,3,4-thiadiazole-chalcone hybrids containing catechol moiety: Synthesis, antioxidant activity, cytotoxicity and DNA interaction studies

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Contents:

Copies of ^1H and ^{13}C NMR spectra for 5a-m

S3-S28

Copies of ^1H and ^{13}C NMR spectra for 5a-m

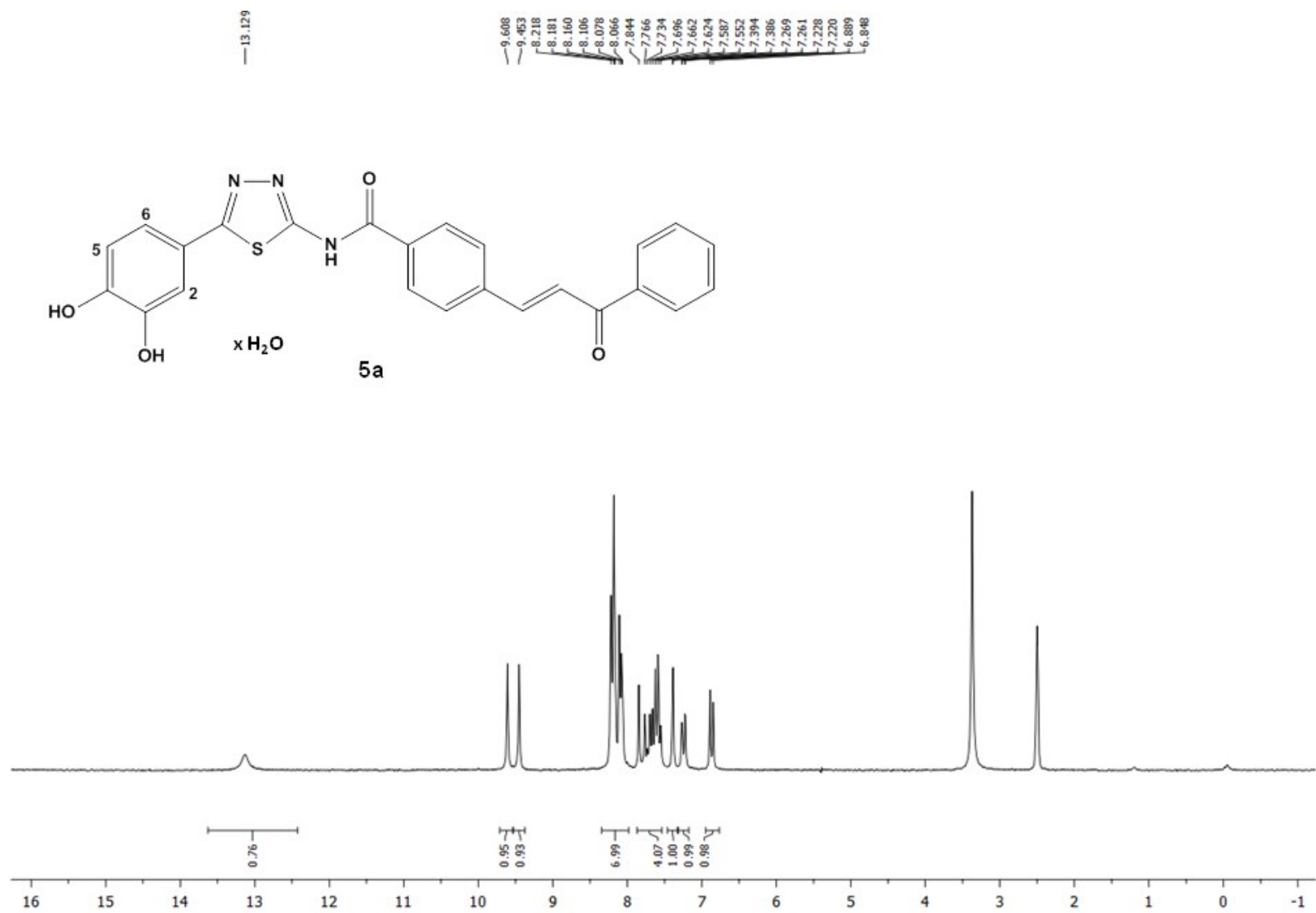


Figure S1. ^1H NMR spectrum of 5a in DMSO- d_6 (200 MHz).

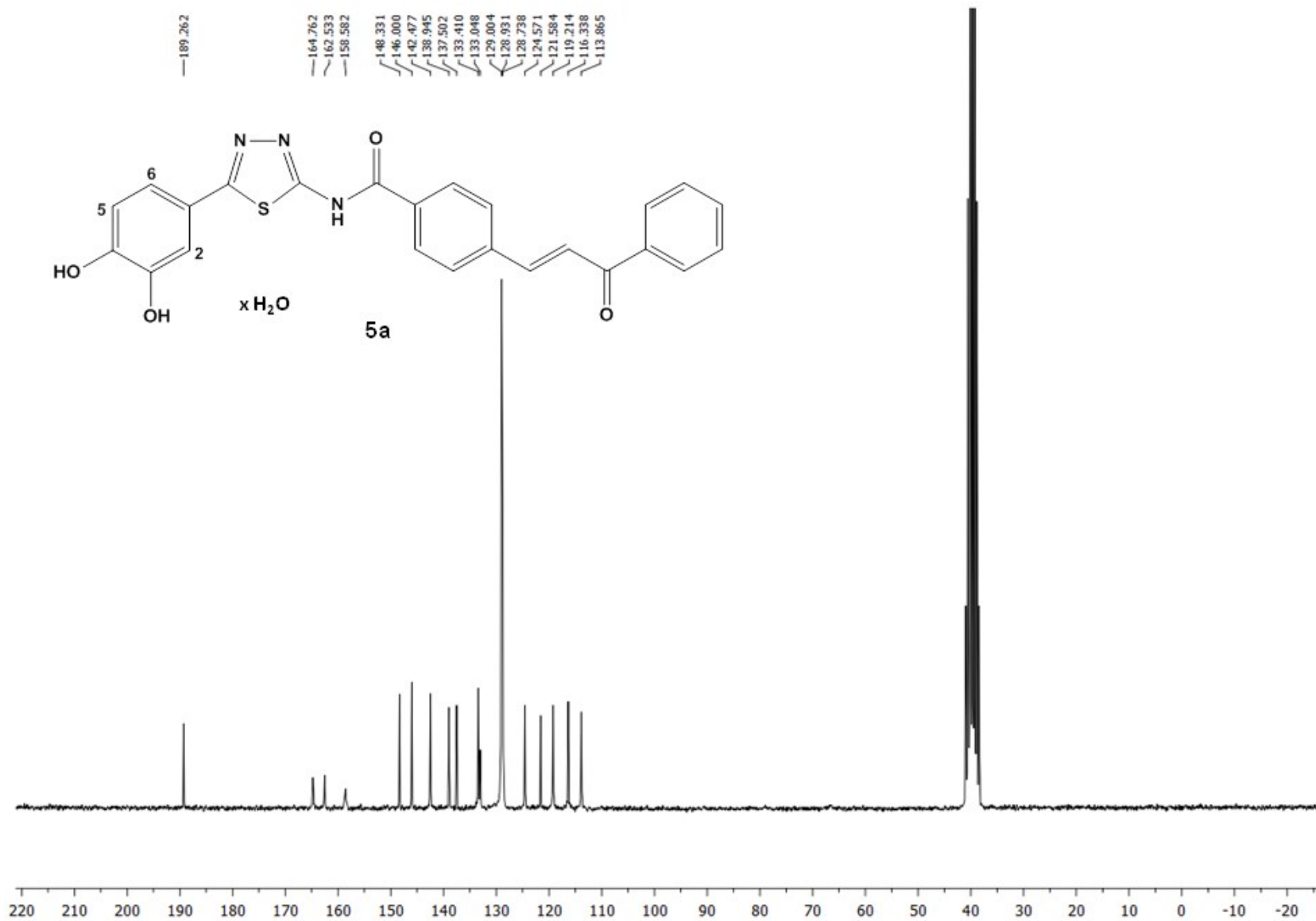


Figure S2. ¹³C NMR spectrum of **5a** in DMSO-d₆ (50 MHz).

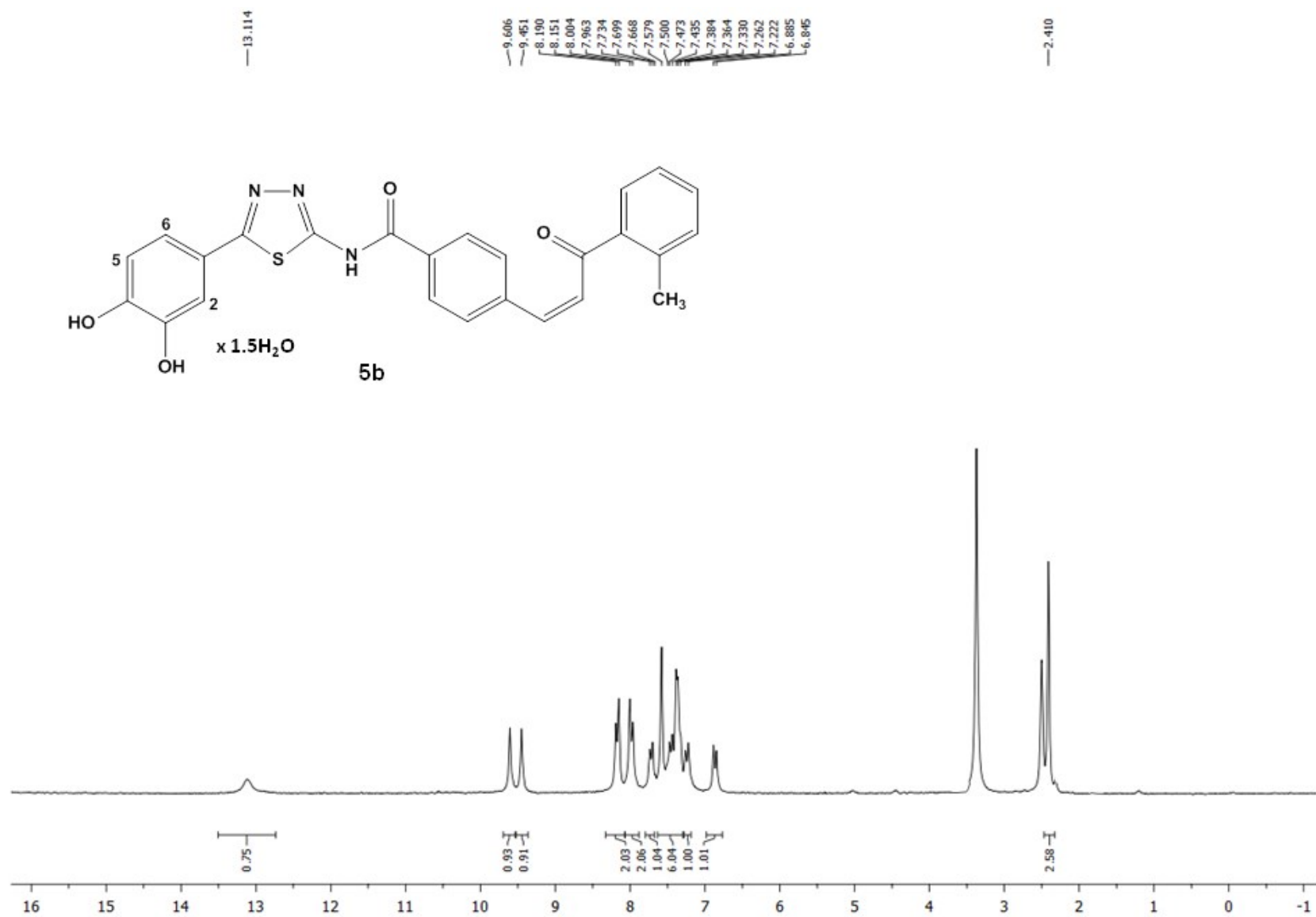


Figure S3. ^1H NMR spectrum of **5b** in DMSO-d_6 (200 MHz).

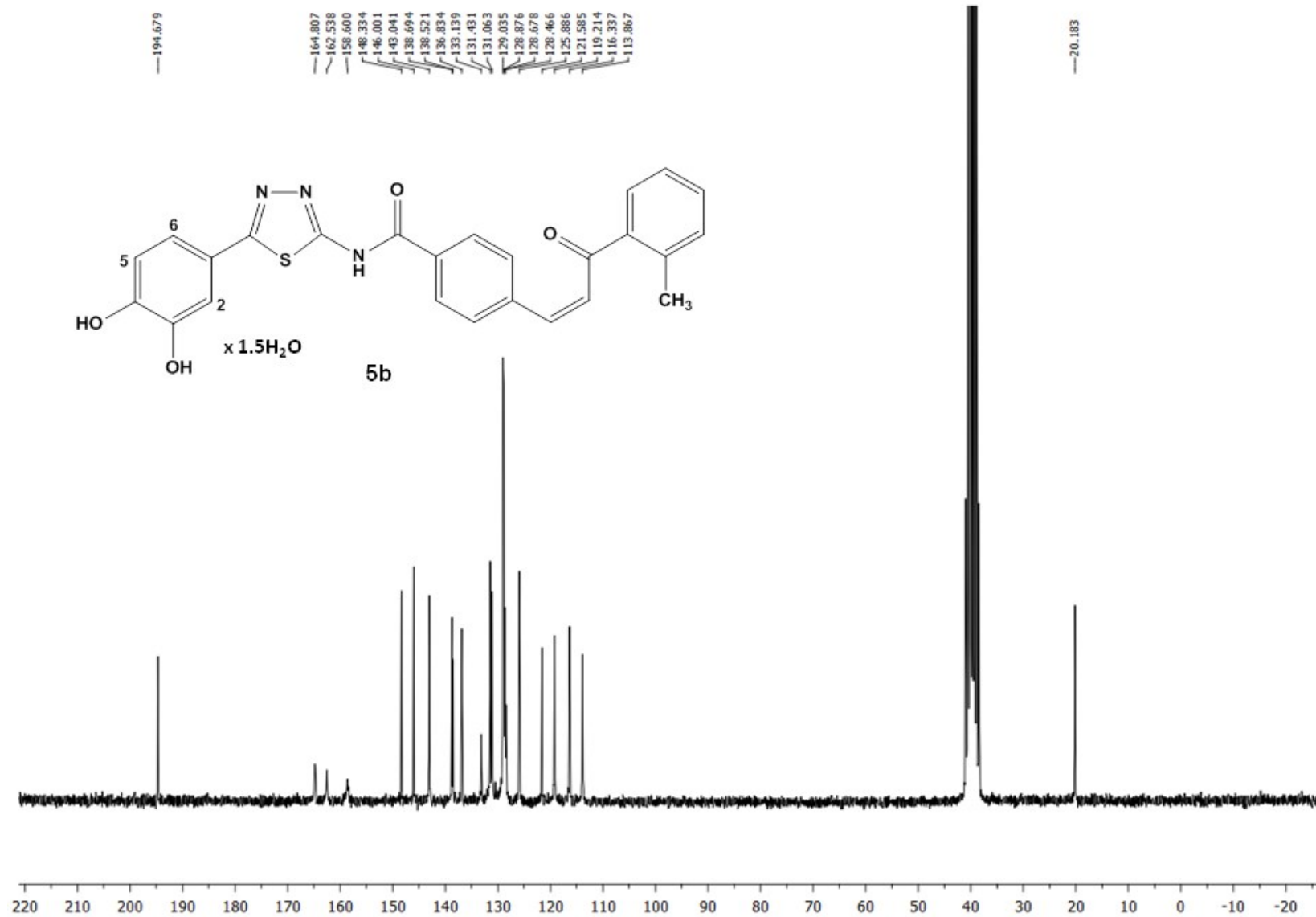


Figure S4. ¹³C NMR spectrum of **5b** in DMSO-d₆ (50 MHz).

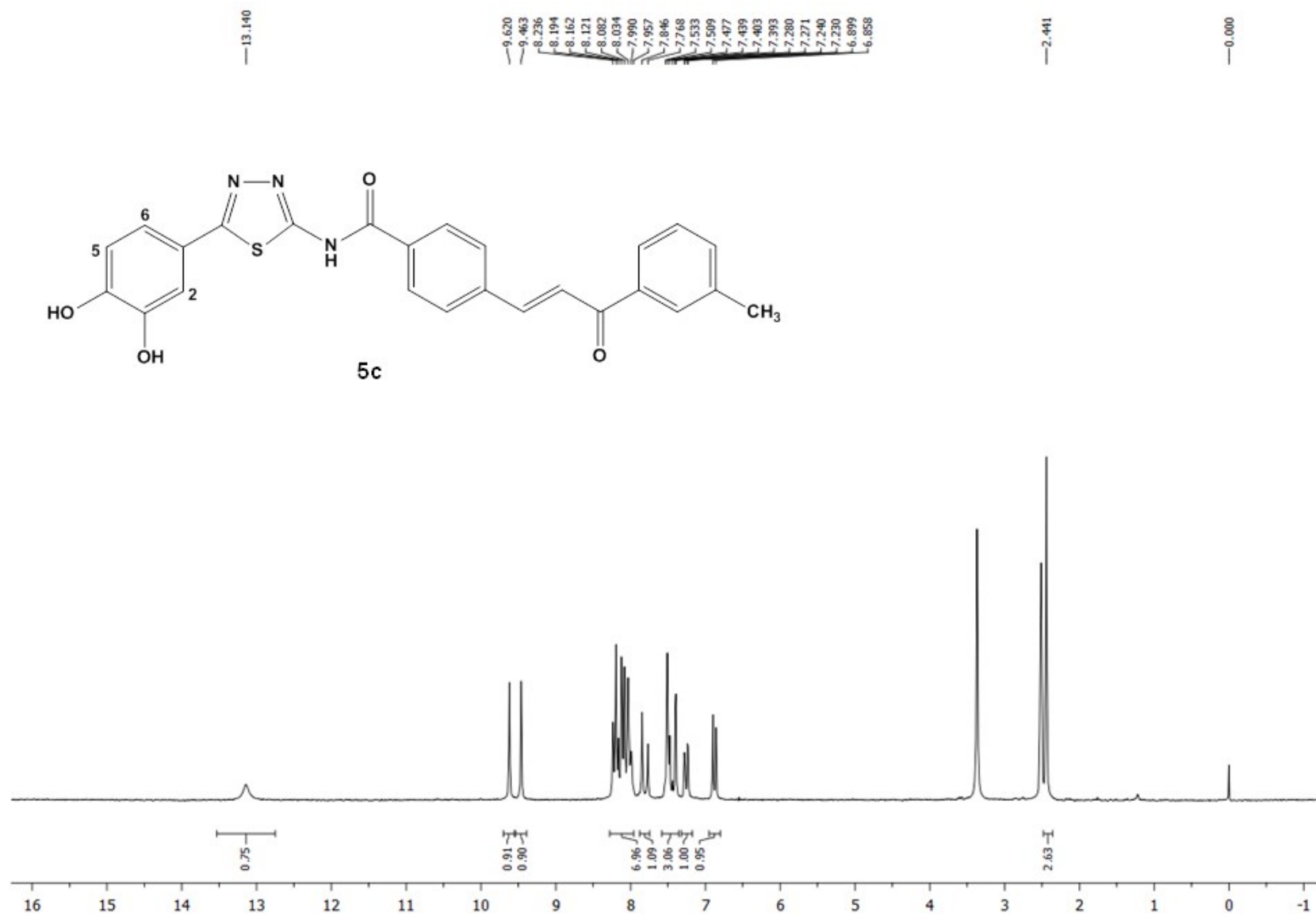


Figure S5. ¹H NMR spectrum of **5c** in DMSO-d₆ (200 MHz).

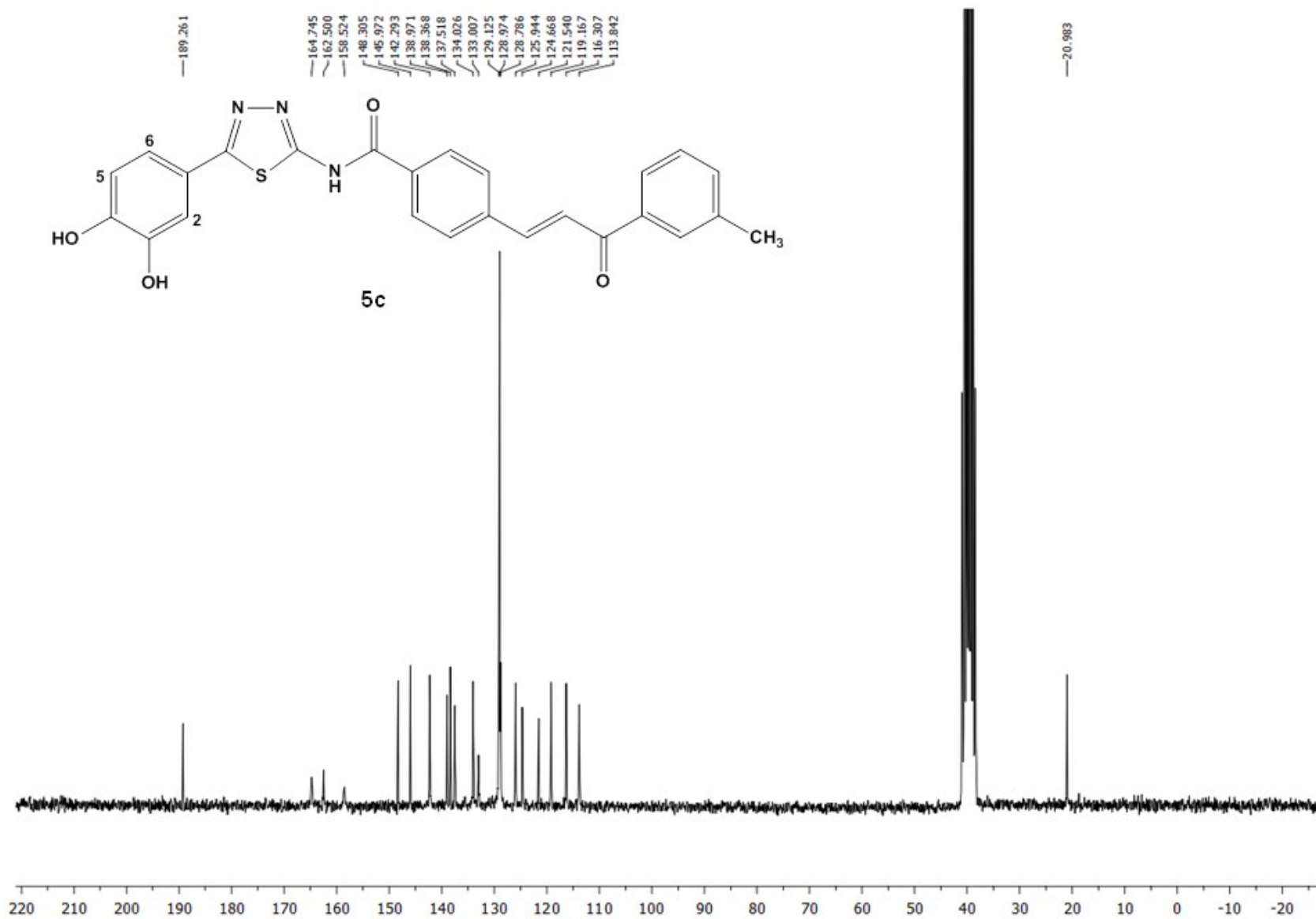


Figure S6. ¹³C NMR spectrum of **5c** in DMSO-d₆ (50 MHz).

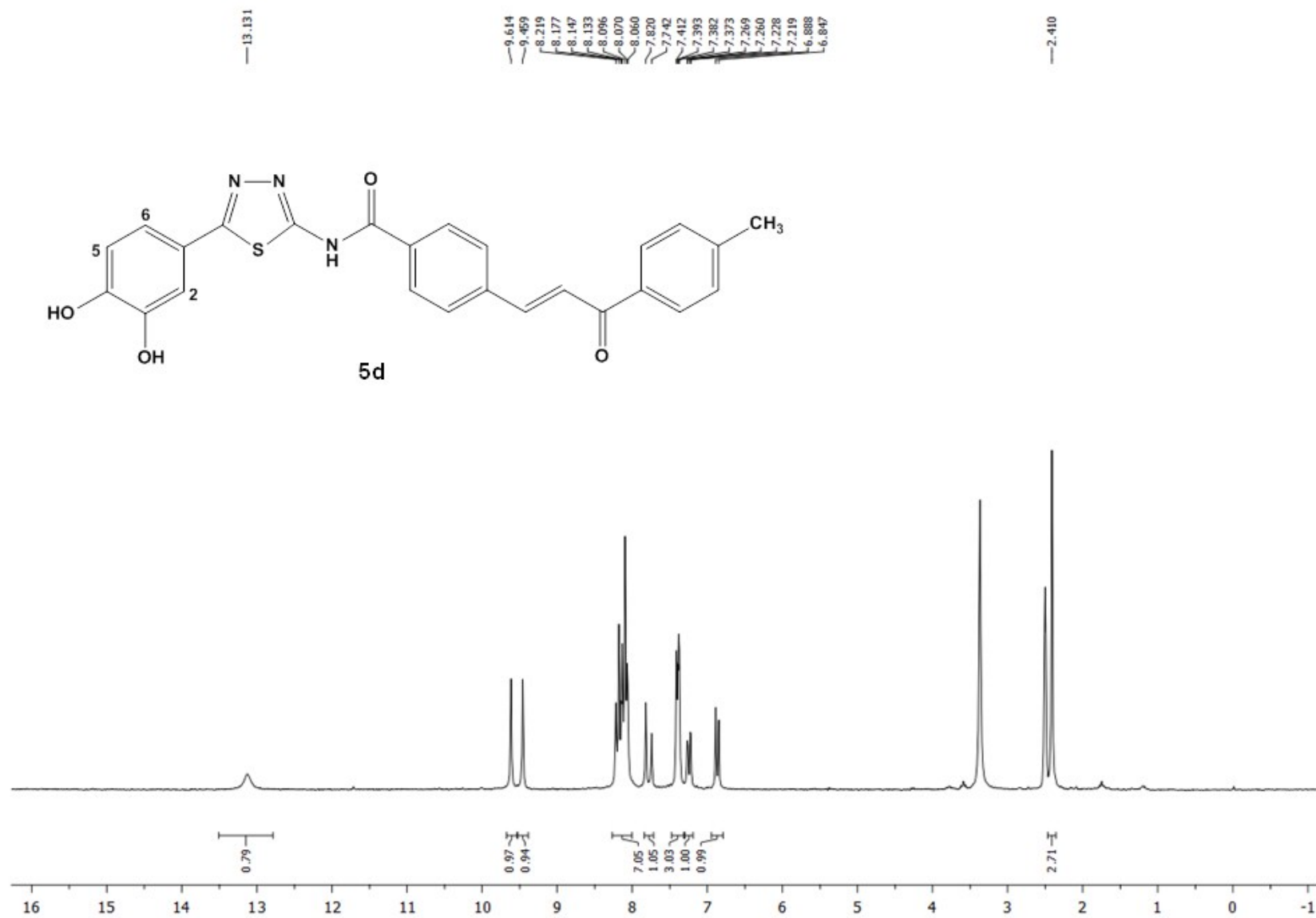


Figure S7. ¹H NMR spectrum of **5d** in DMSO-d₆ (200 MHz).

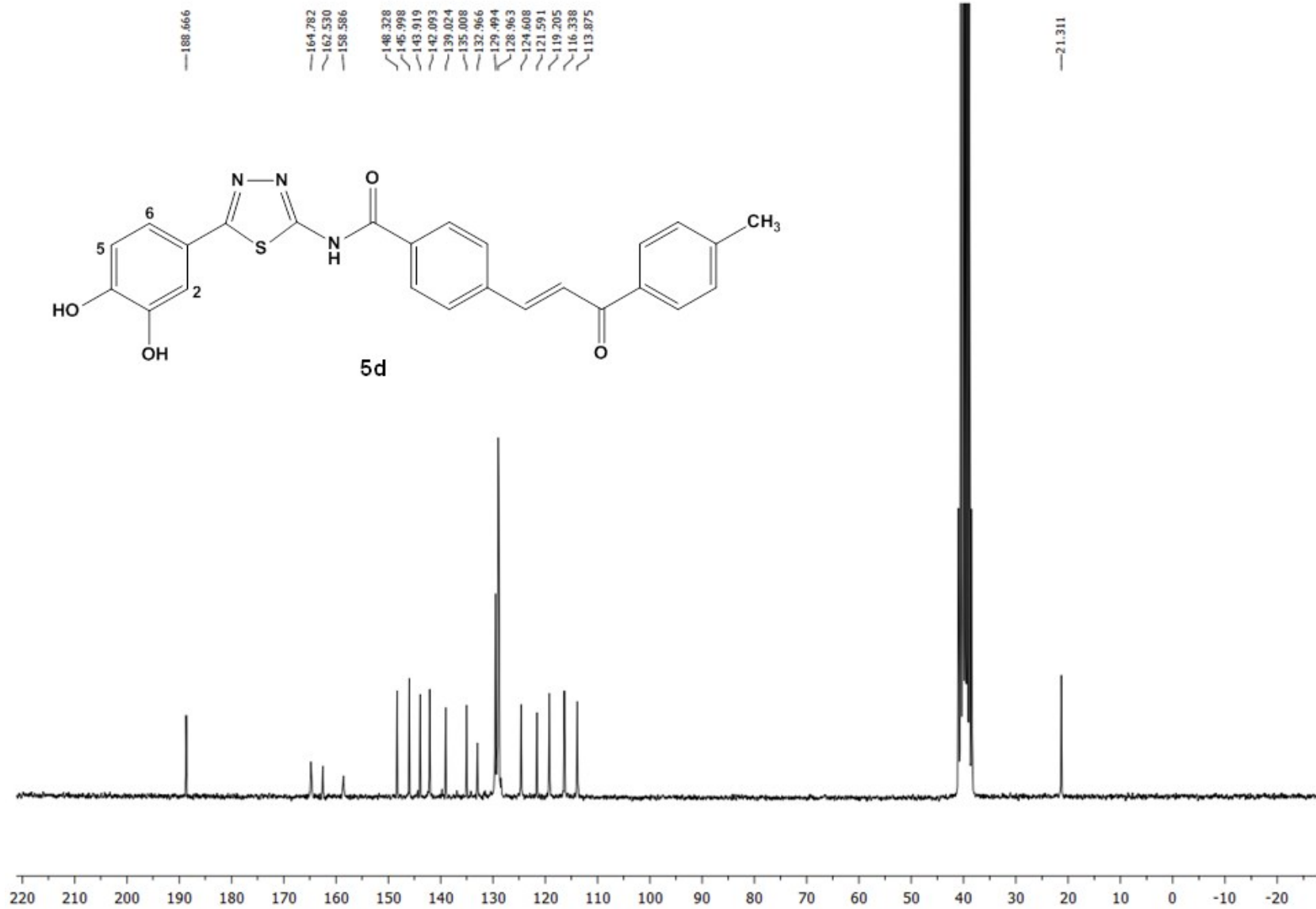


Figure S8. ¹³C NMR spectrum of **5d** in DMSO-d₆ (50 MHz).

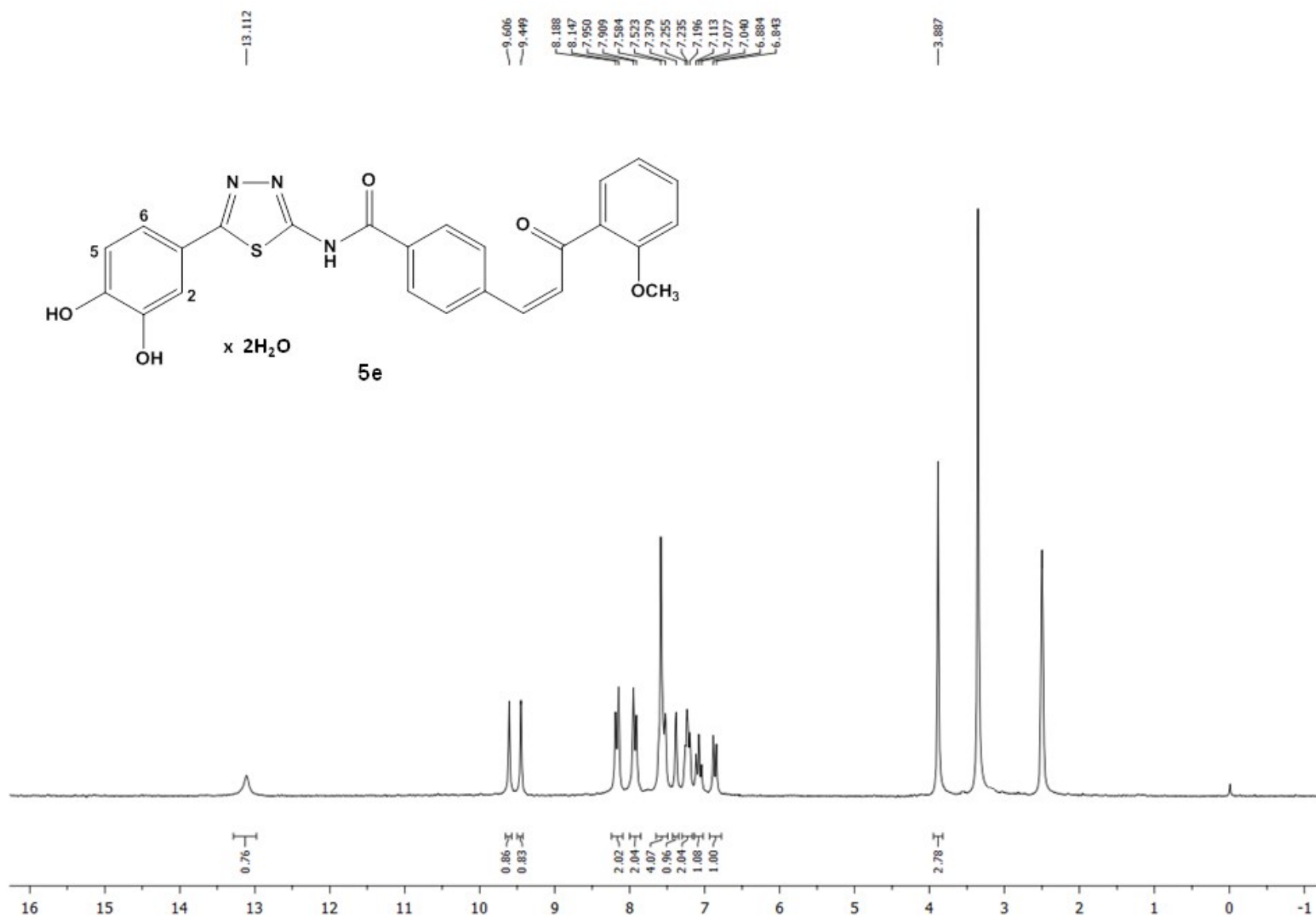


Figure S9. ¹H NMR spectrum of **5e** in DMSO-d₆ (200 MHz).

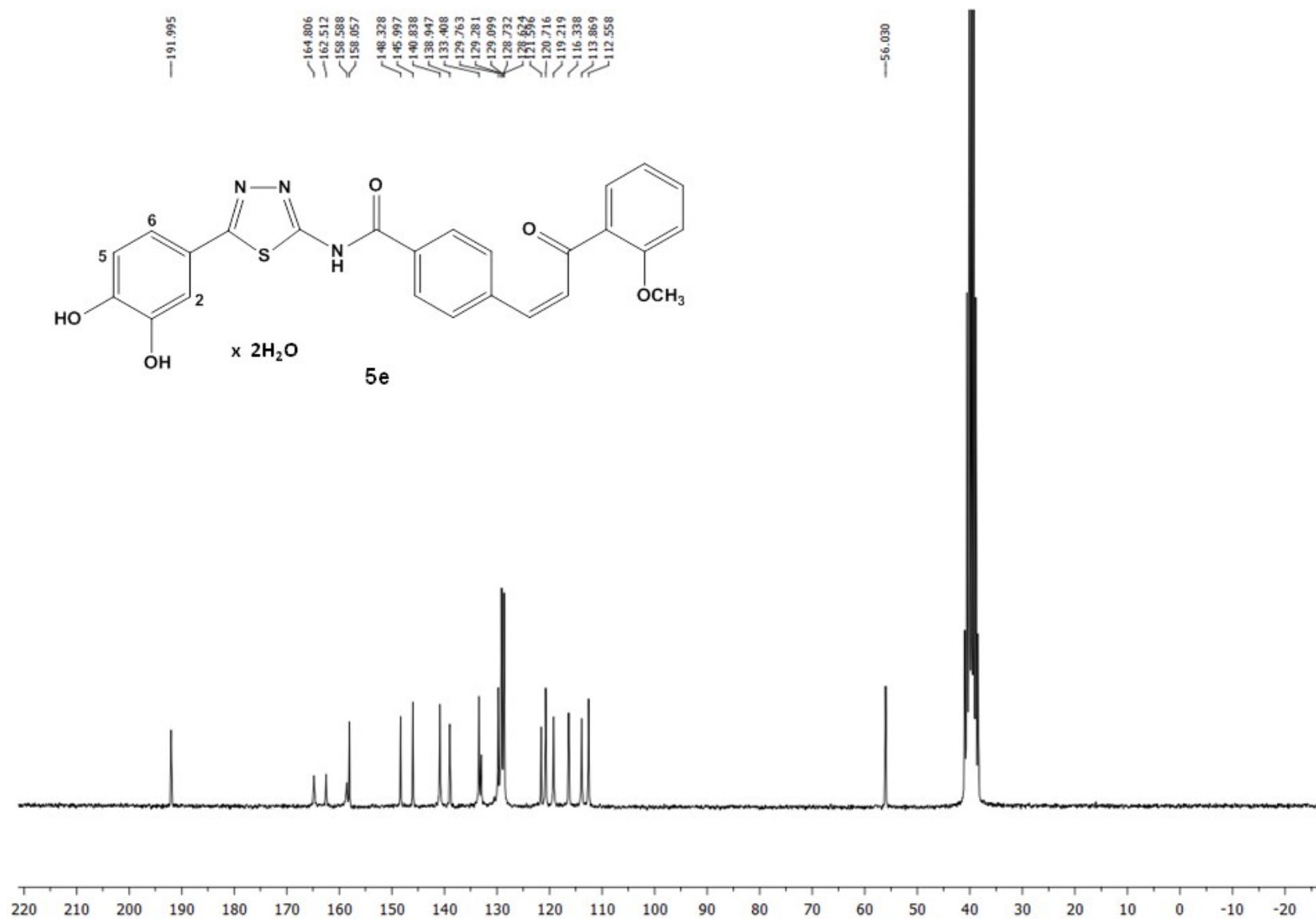


Figure S10. ¹³C NMR spectrum of **5e** in DMSO-d₆ (50 MHz).

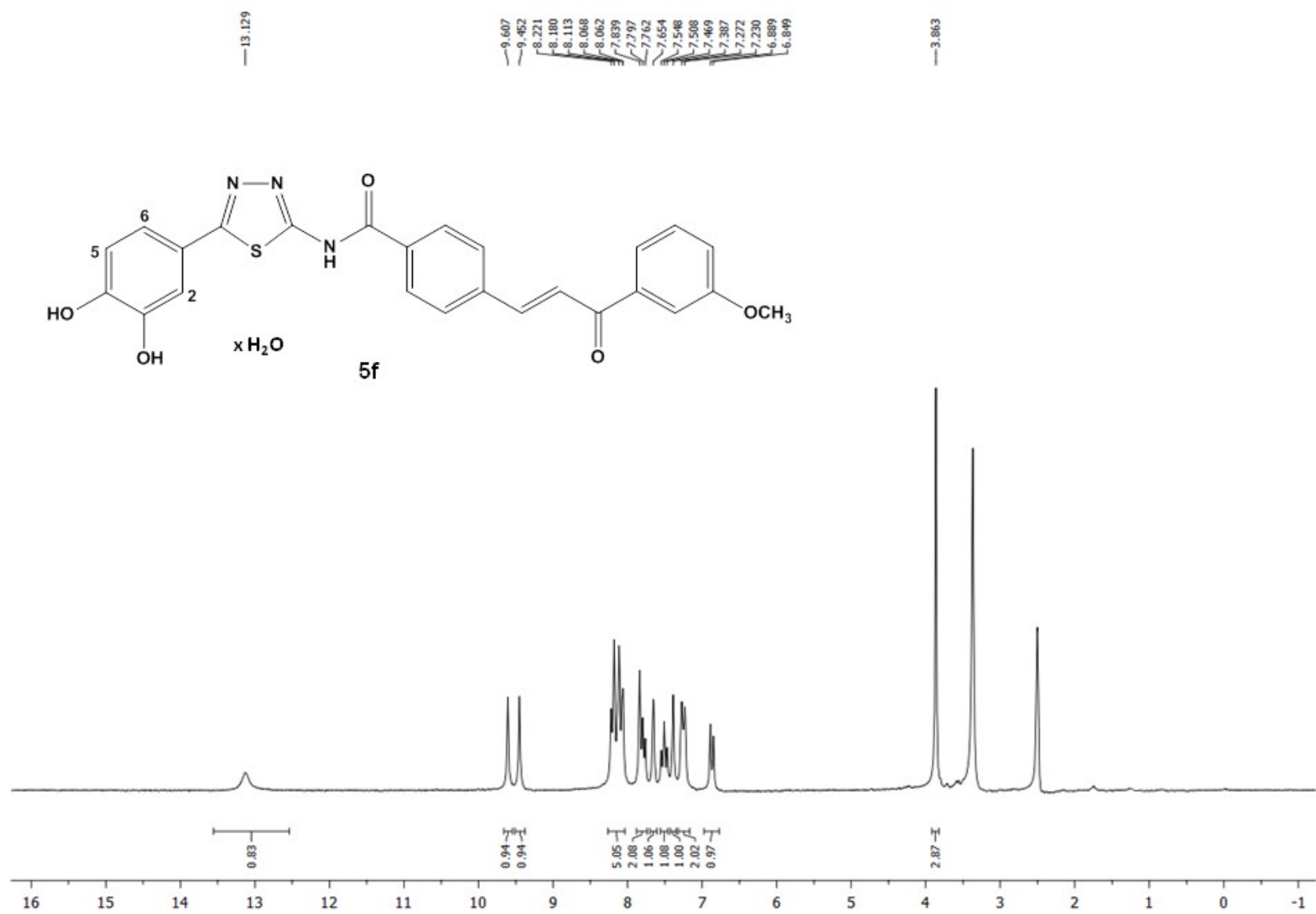


Figure S11. ¹H NMR spectrum of **5f** in DMSO-d₆ (200 MHz).

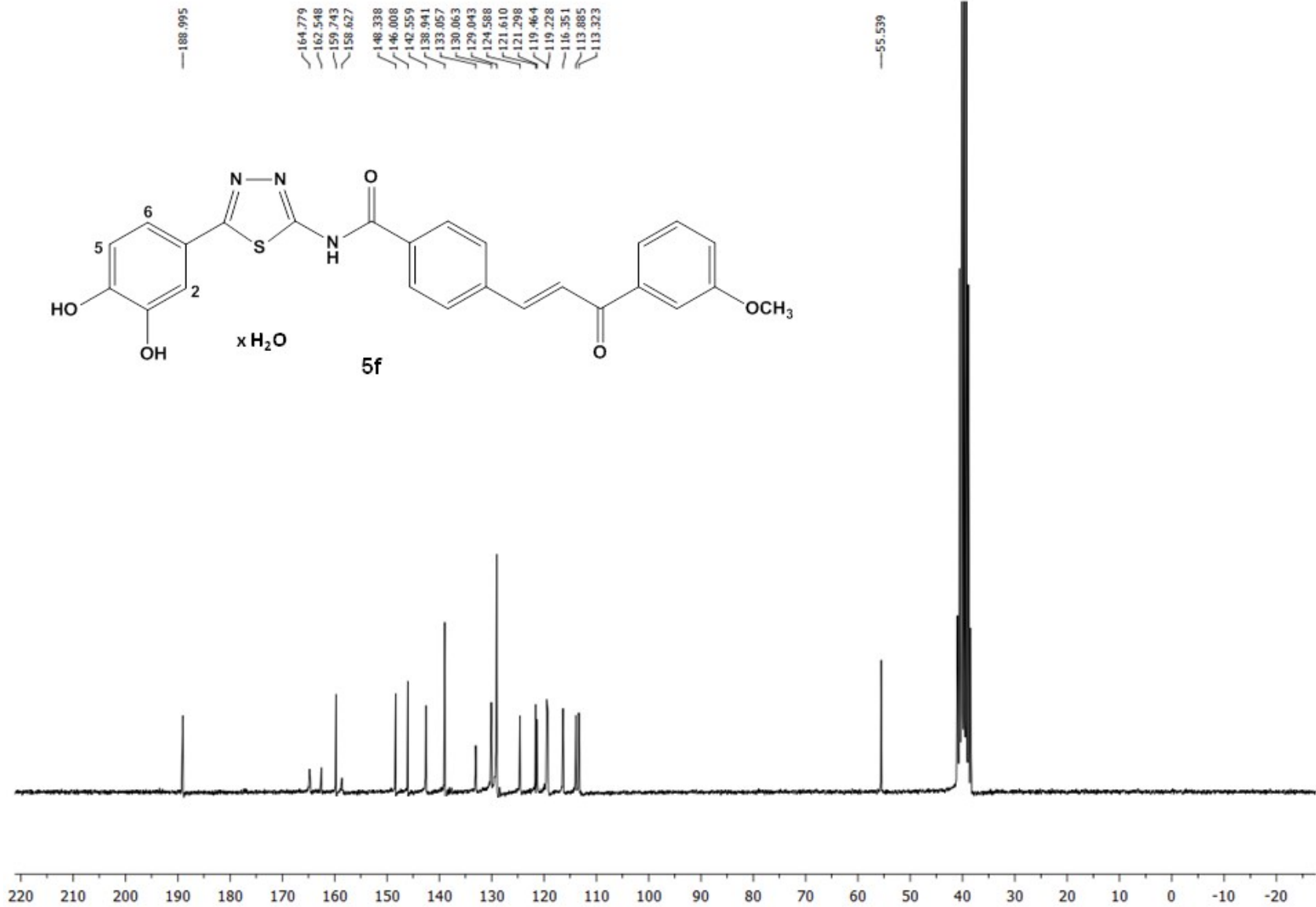


Figure S12. ¹³C NMR spectrum of **5f** in DMSO-d₆ (50 MHz).

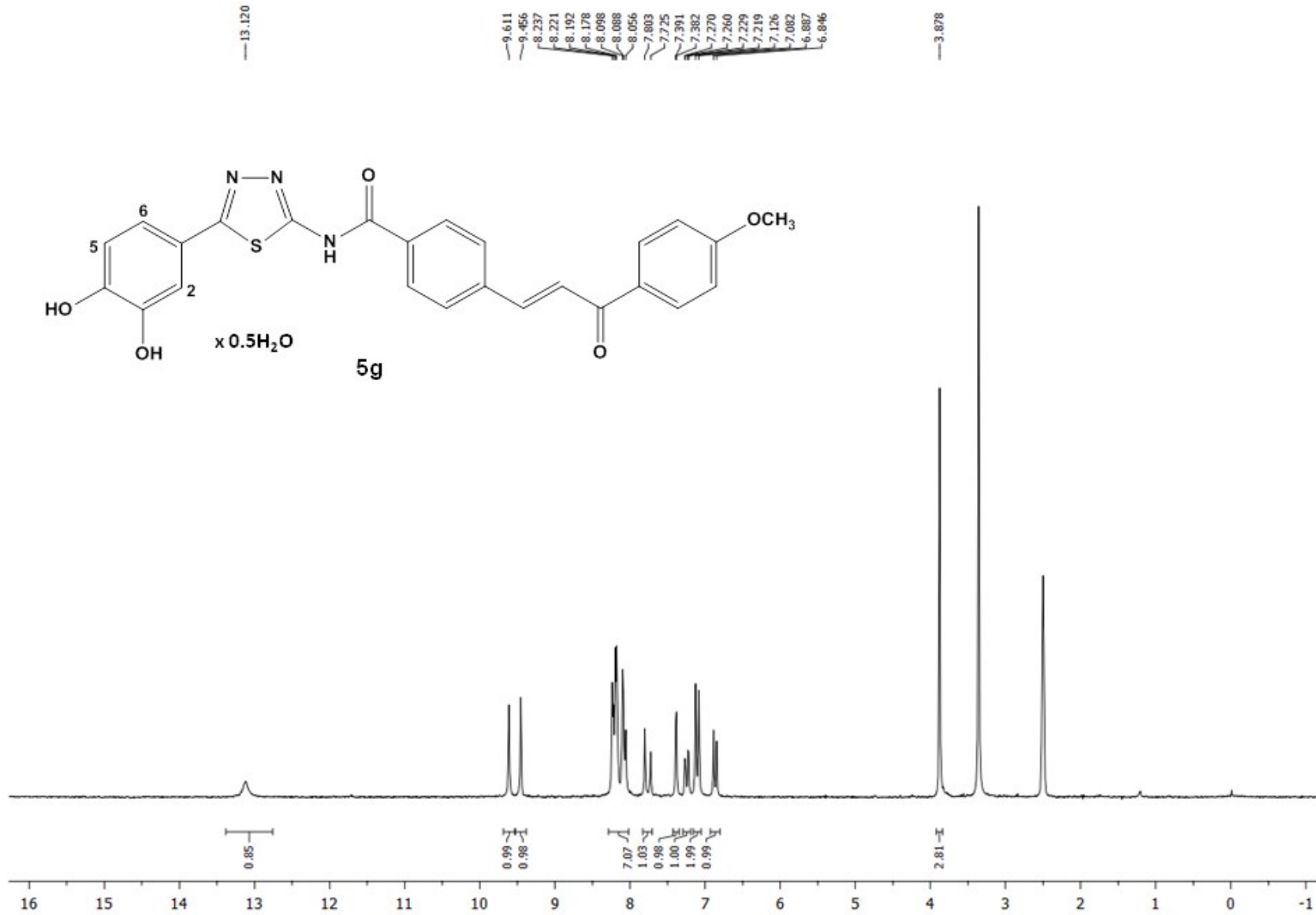


Figure S13. ¹H NMR spectrum of **5g** in DMSO-d₆ (200 MHz).

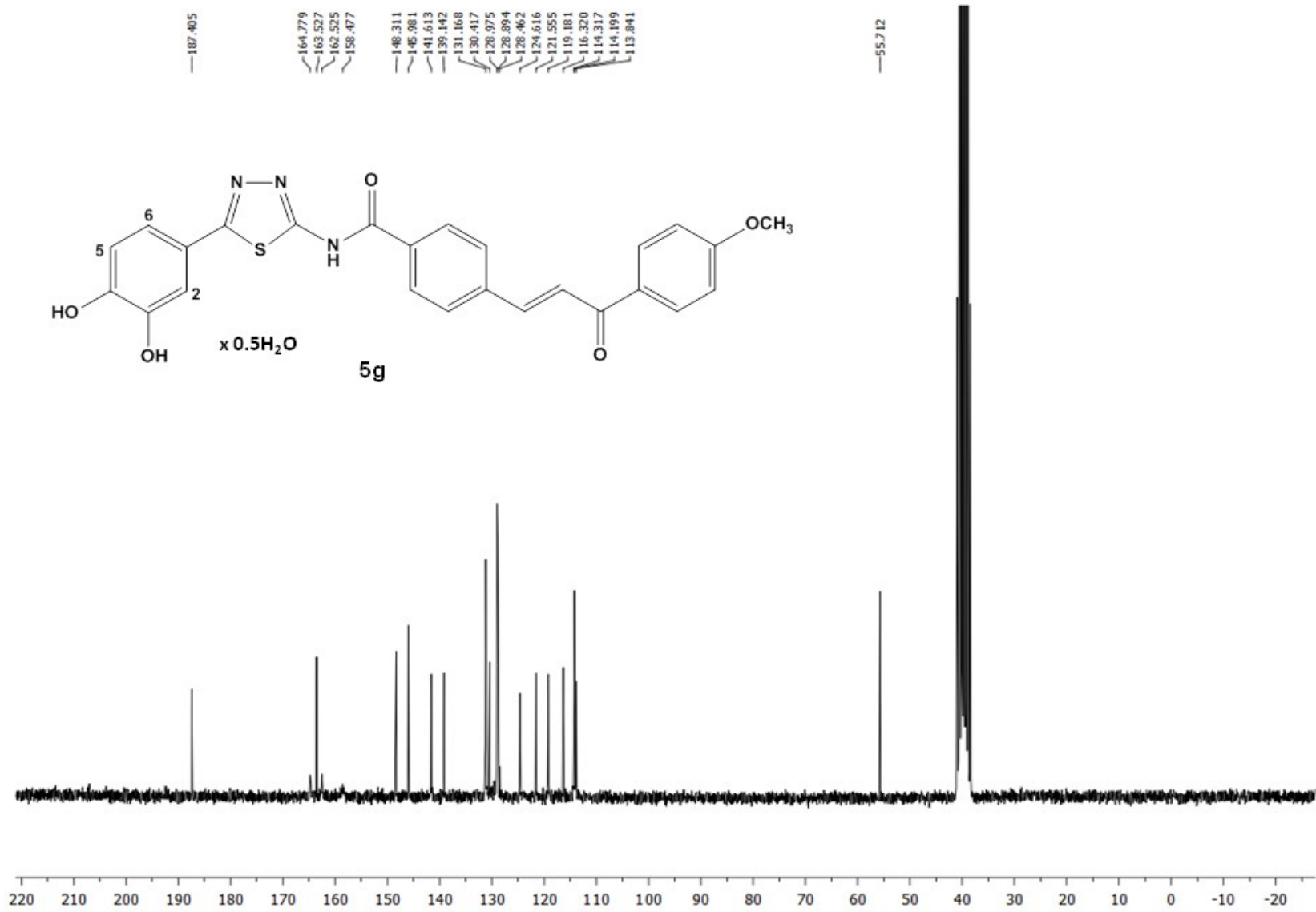


Figure S14. ¹³C NMR spectrum of **5g** in DMSO-d₆ (50 MHz).

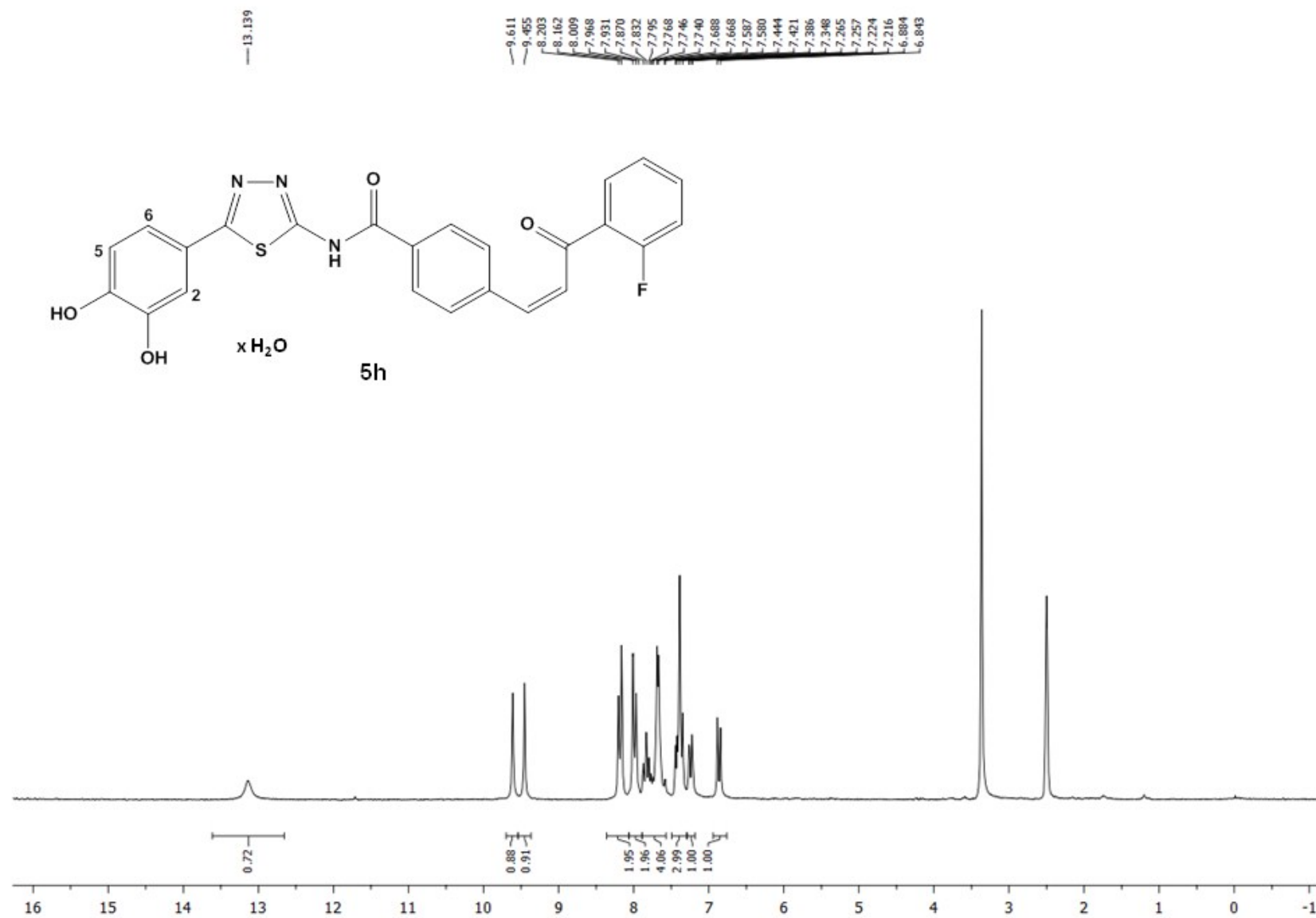


Figure S15. ¹H NMR spectrum of **5h** in DMSO-d₆ (200 MHz).

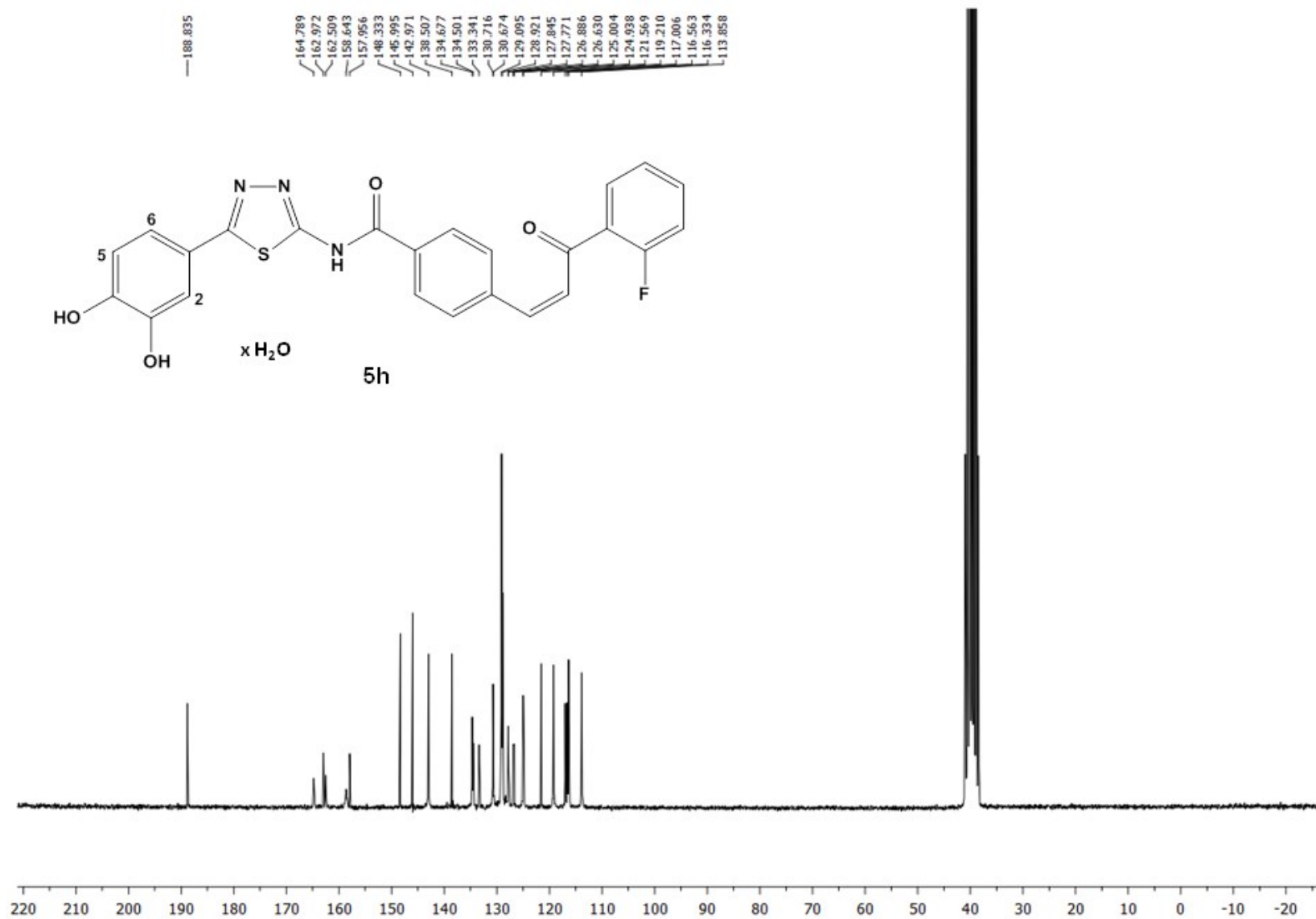


Figure S16. ¹³C NMR spectrum of **5h** in DMSO-d₆ (50 MHz).

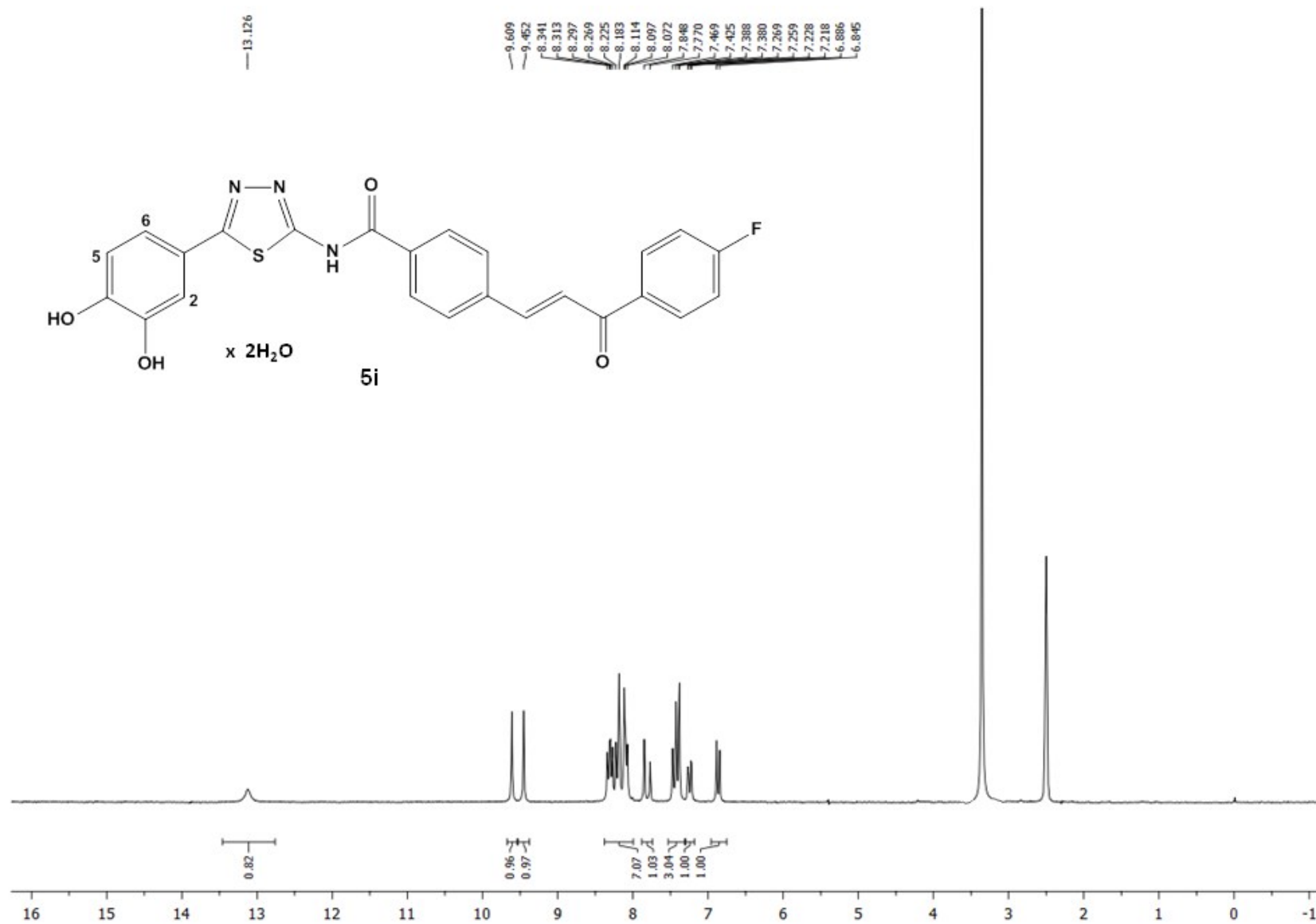


Figure S17. ^1H NMR spectrum of **5i** in DMSO-d_6 (200 MHz).

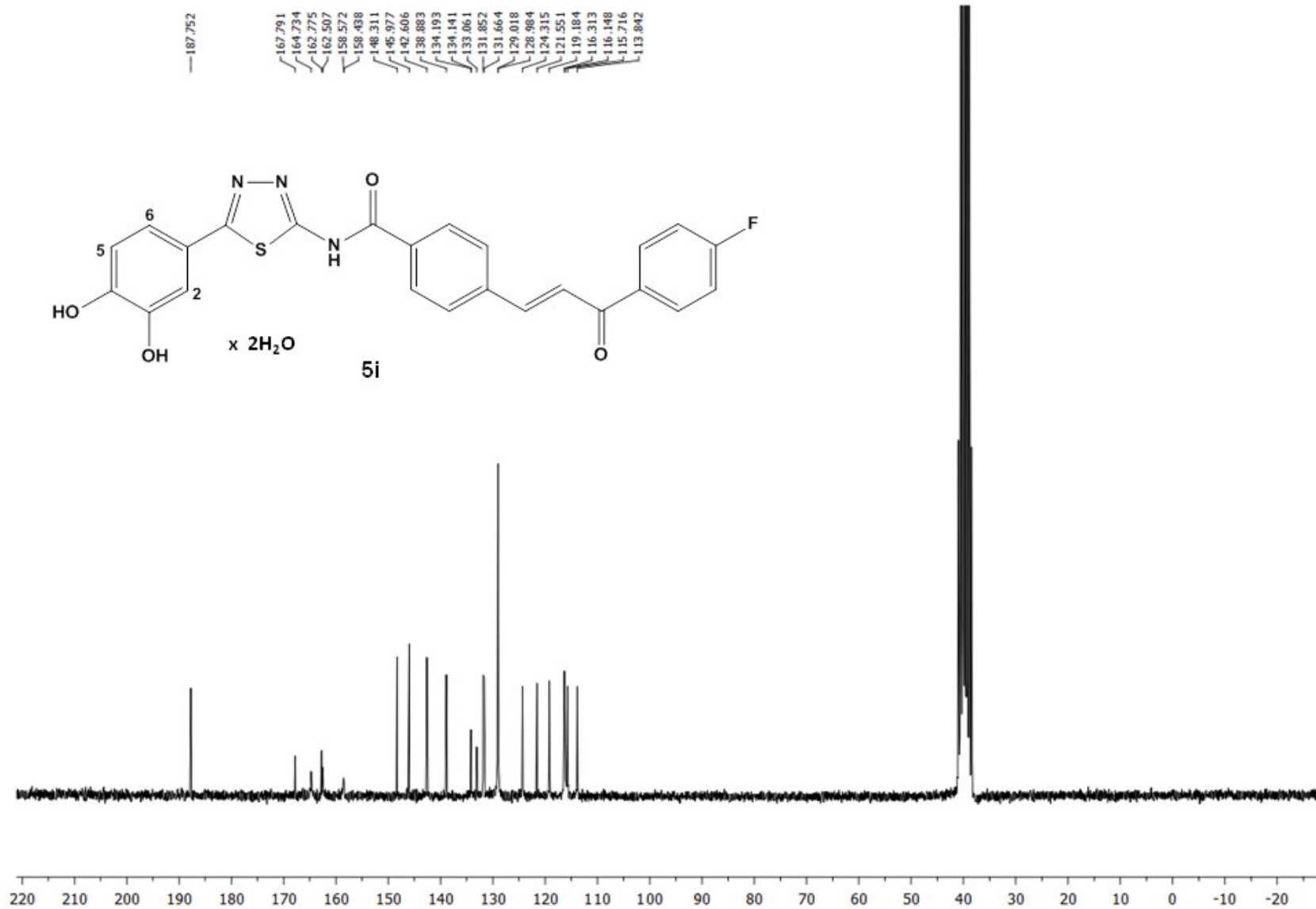


Figure S18. ¹³C NMR spectrum of **5i** in DMSO-d₆ (50 MHz).

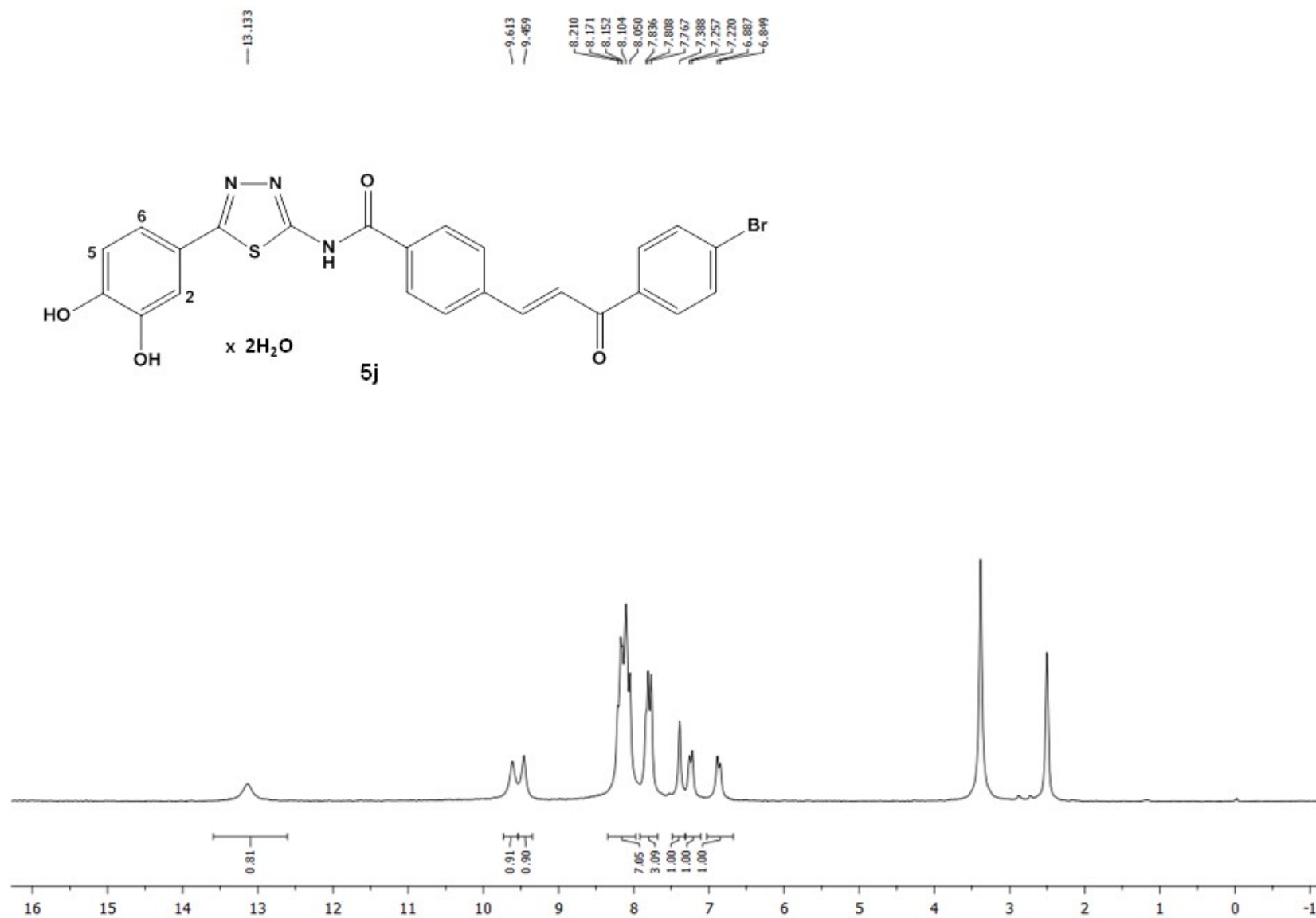


Figure S19. ^1H NMR spectrum of **5j** in DMSO-d_6 (200 MHz).

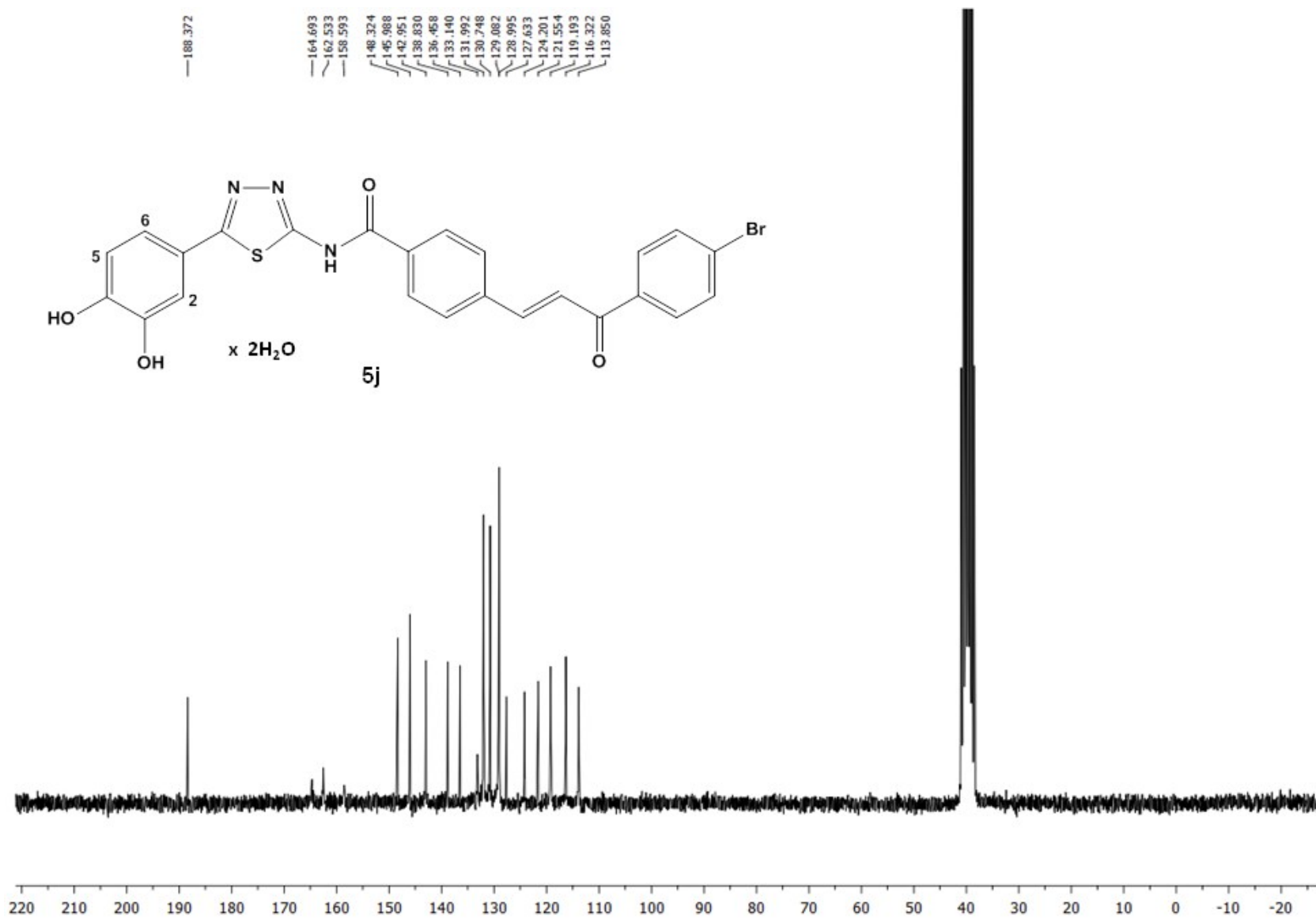


Figure S20. ¹³C NMR spectrum of **5j** in DMSO-d₆ (50 MHz).

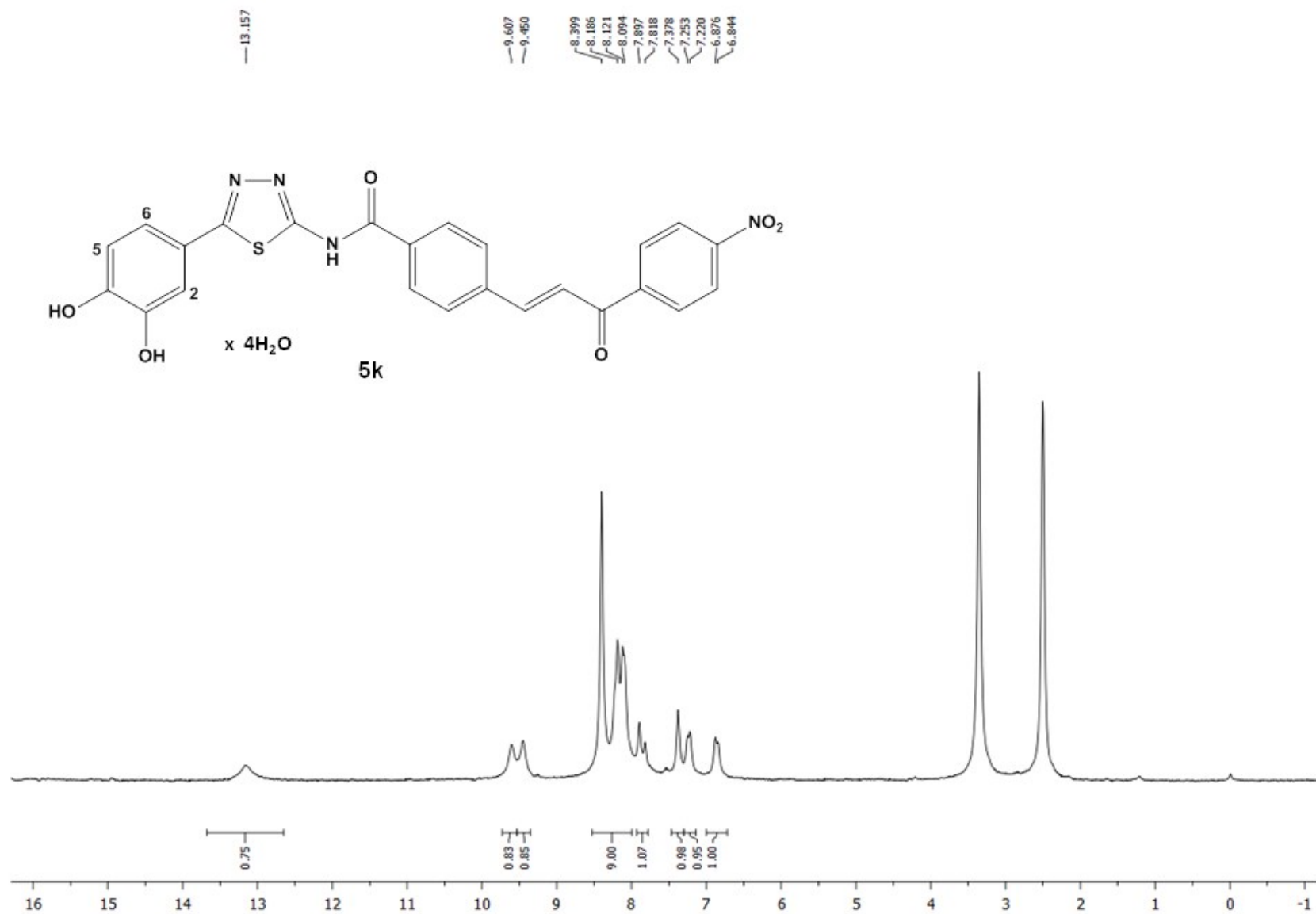


Figure S21. ¹H NMR spectrum of **5k** in DMSO-d₆ (200 MHz).

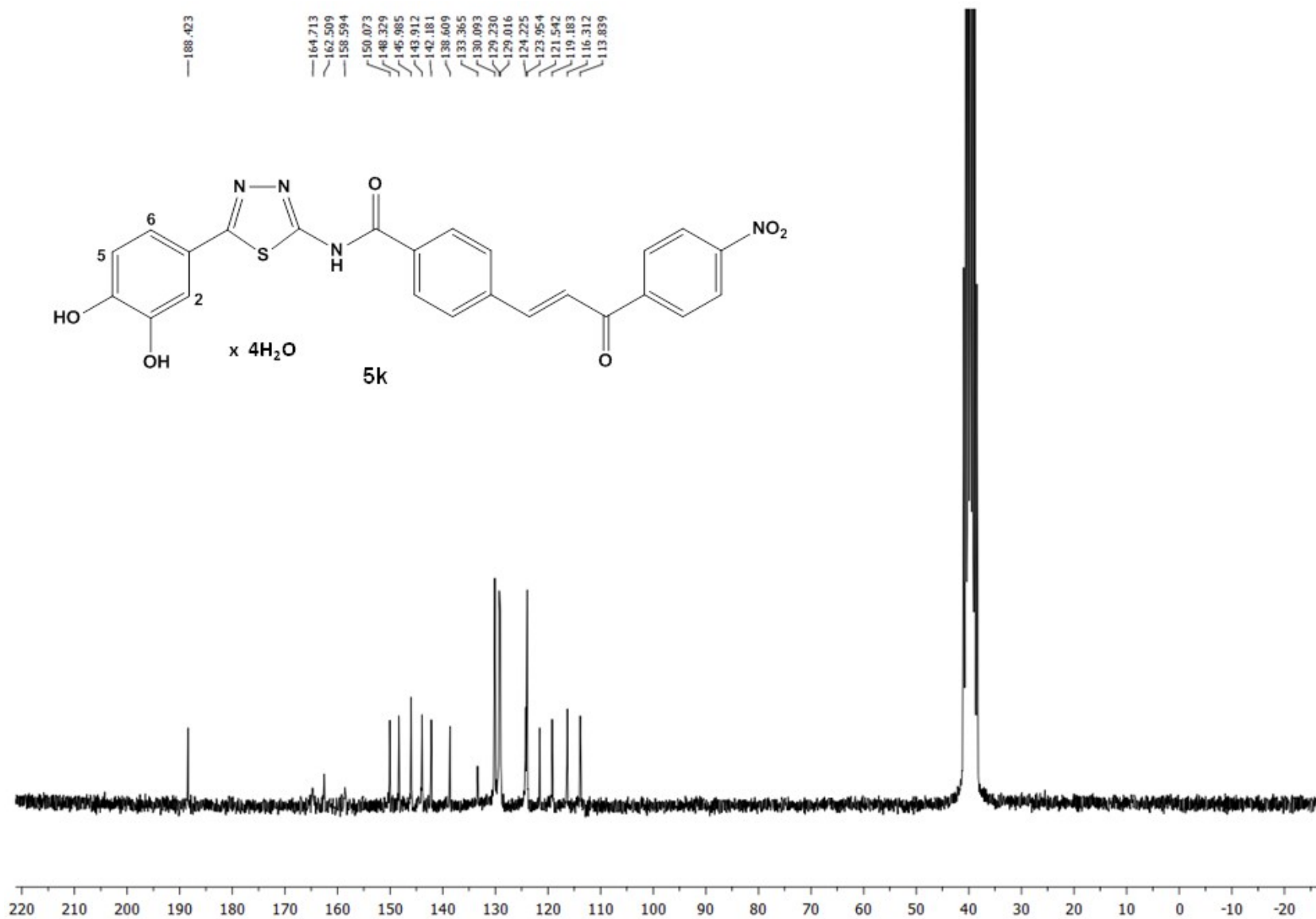


Figure S22. ¹³C NMR spectrum of **5k** in DMSO-d₆ (50 MHz).

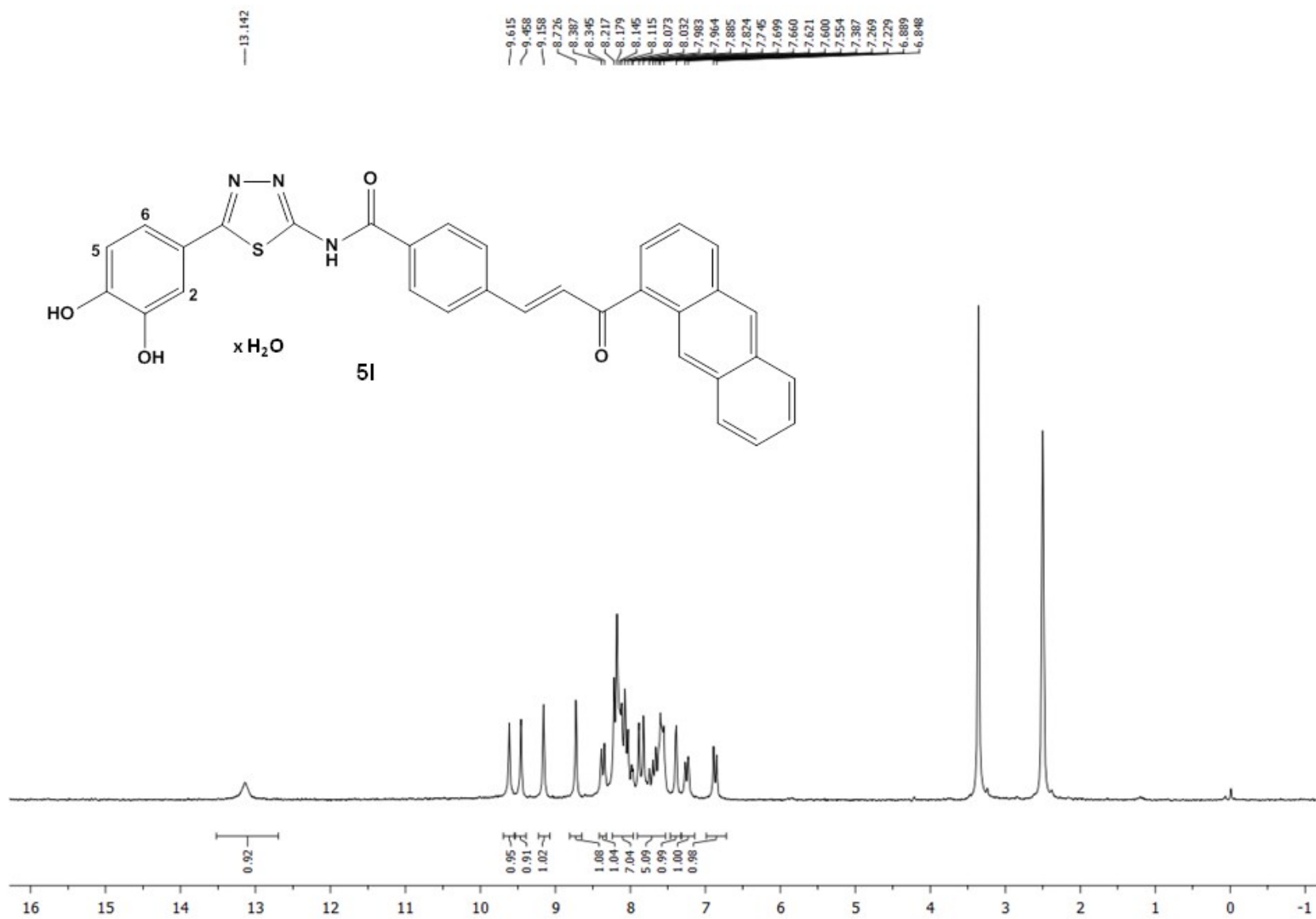


Figure S23. ¹H NMR spectrum of **51** in DMSO-d₆ (200 MHz).

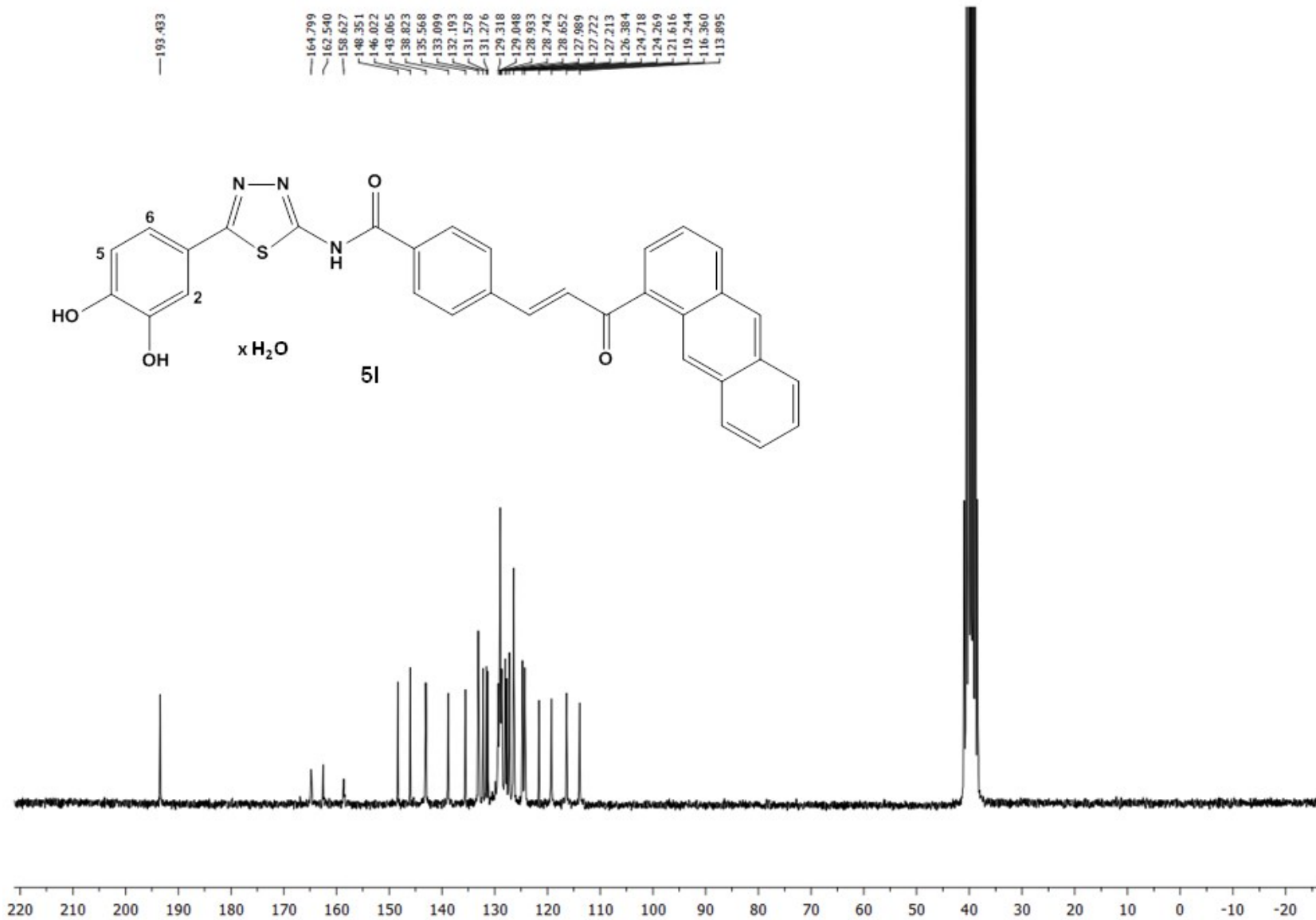


Figure S24. ^{13}C NMR spectrum of **51** in DMSO-d_6 (50 MHz).

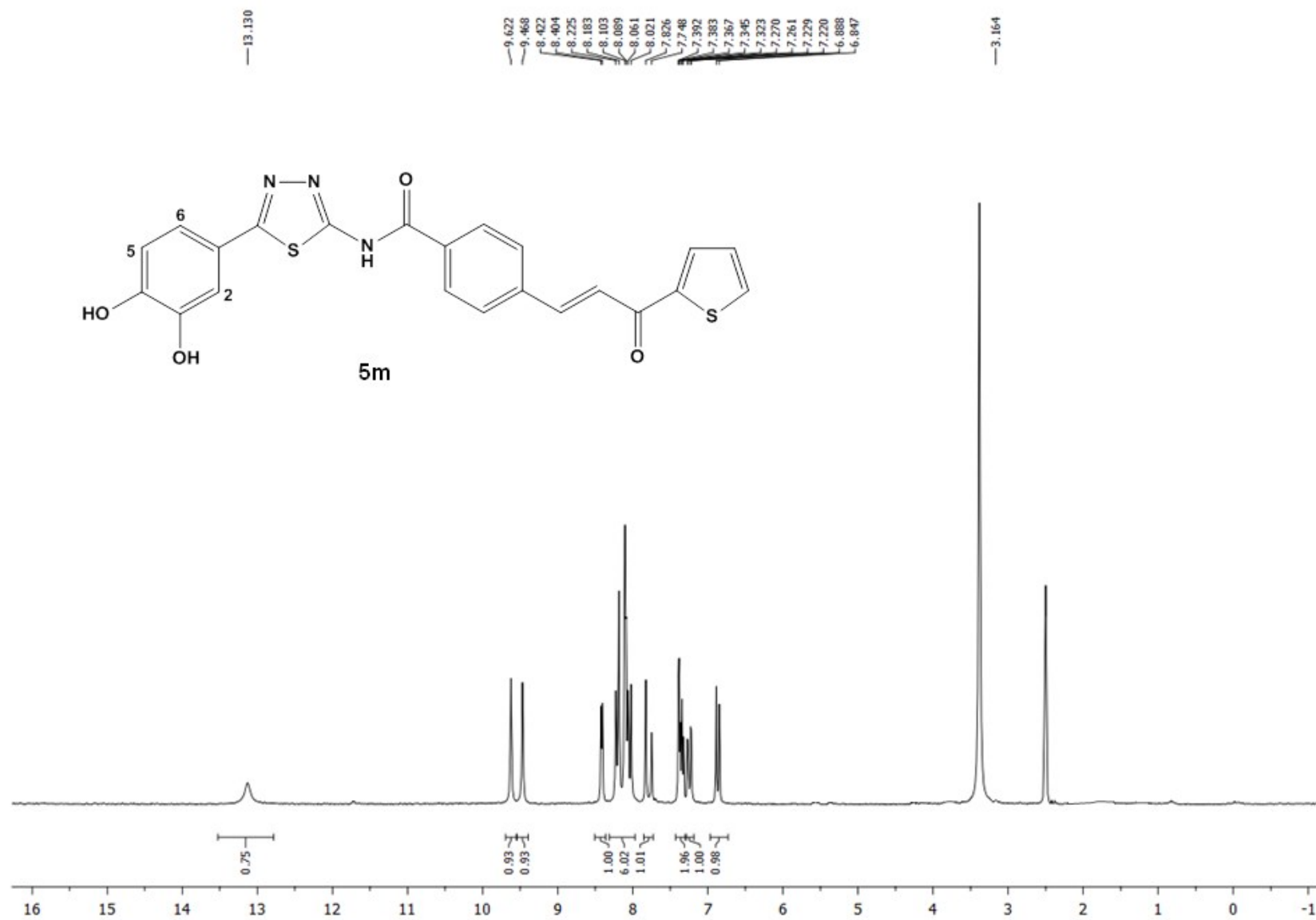


Figure S25. ¹H NMR spectrum of **5m** in DMSO-d₆ (200 MHz).

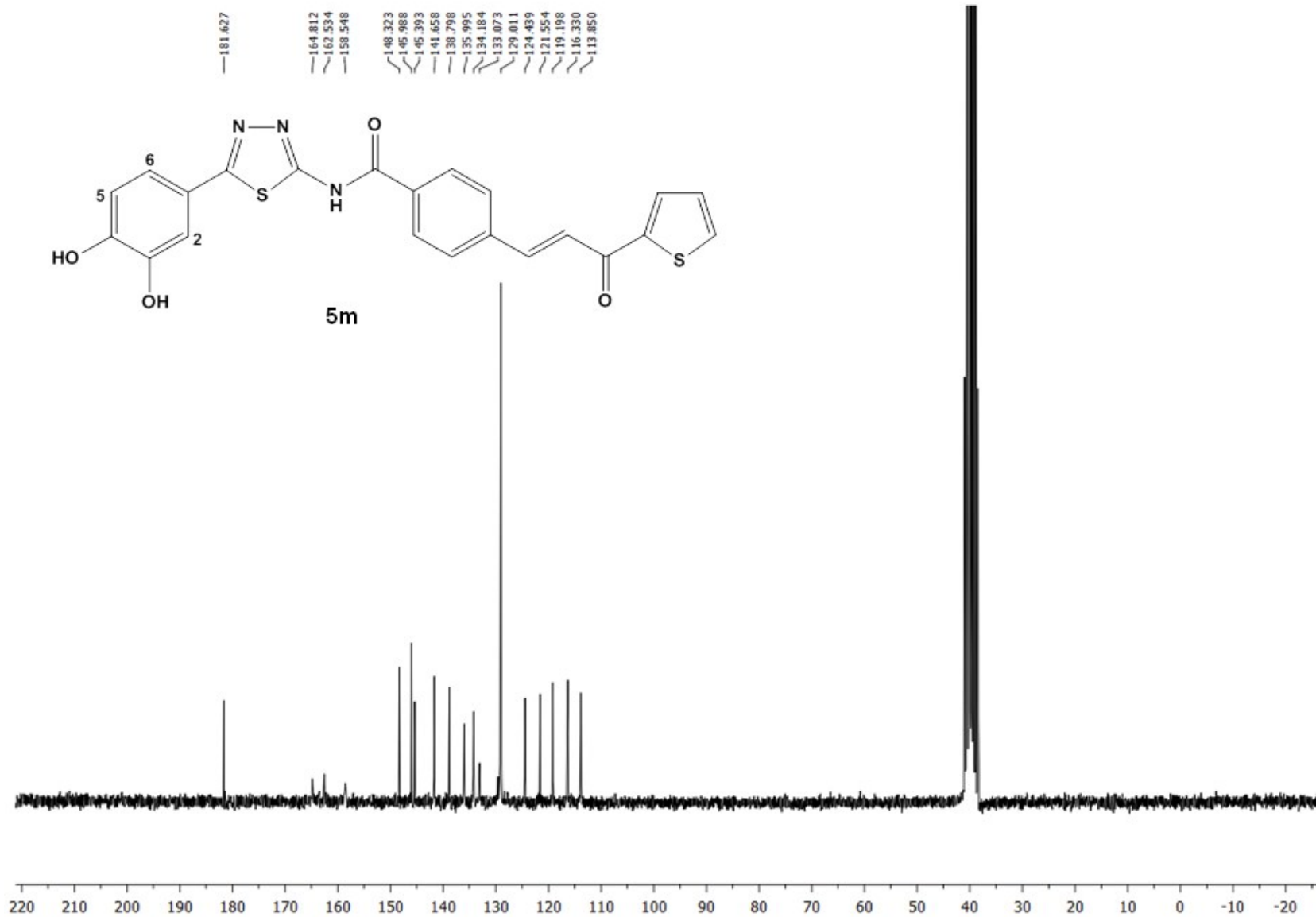


Figure S26. ^{13}C NMR spectrum of **5m** in DMSO-d_6 (50 MHz).