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

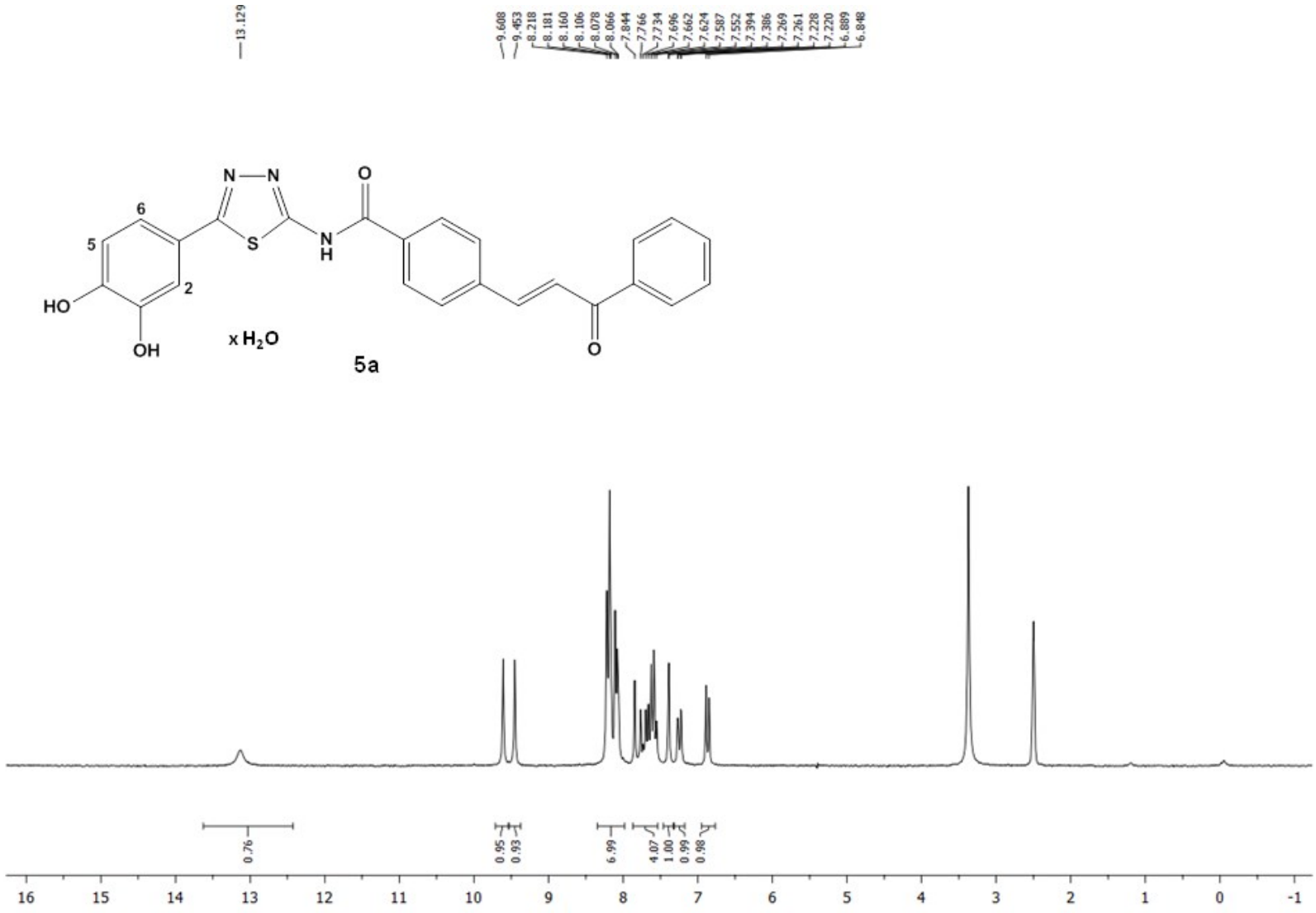

Figure S1. ^{1}H NMR spectrum of **5a** in DMSO-d_6 (200 MHz).

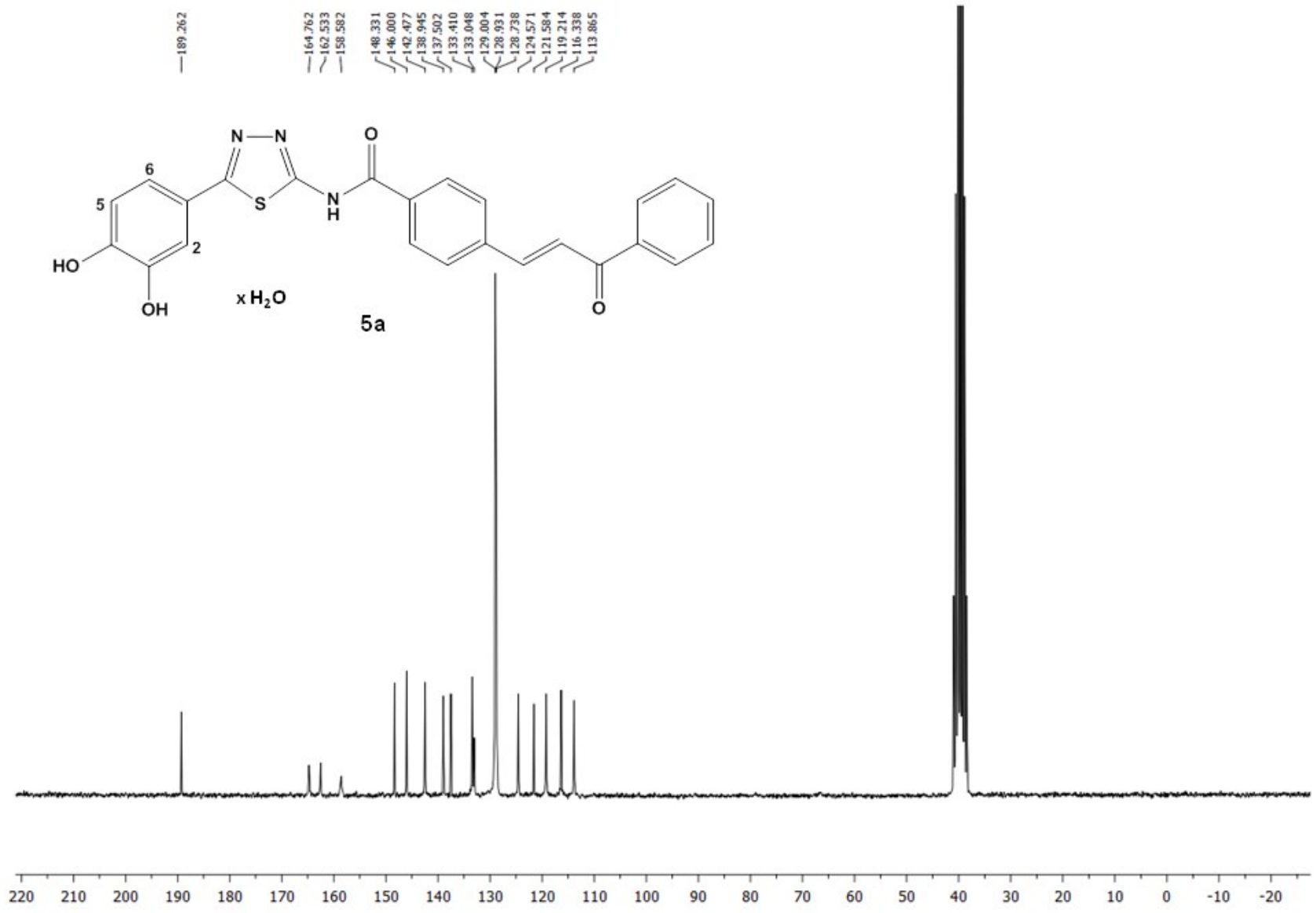

Figure S2. ^{13}C NMR spectrum of **5a** in DMSO-d_6 (50 MHz).

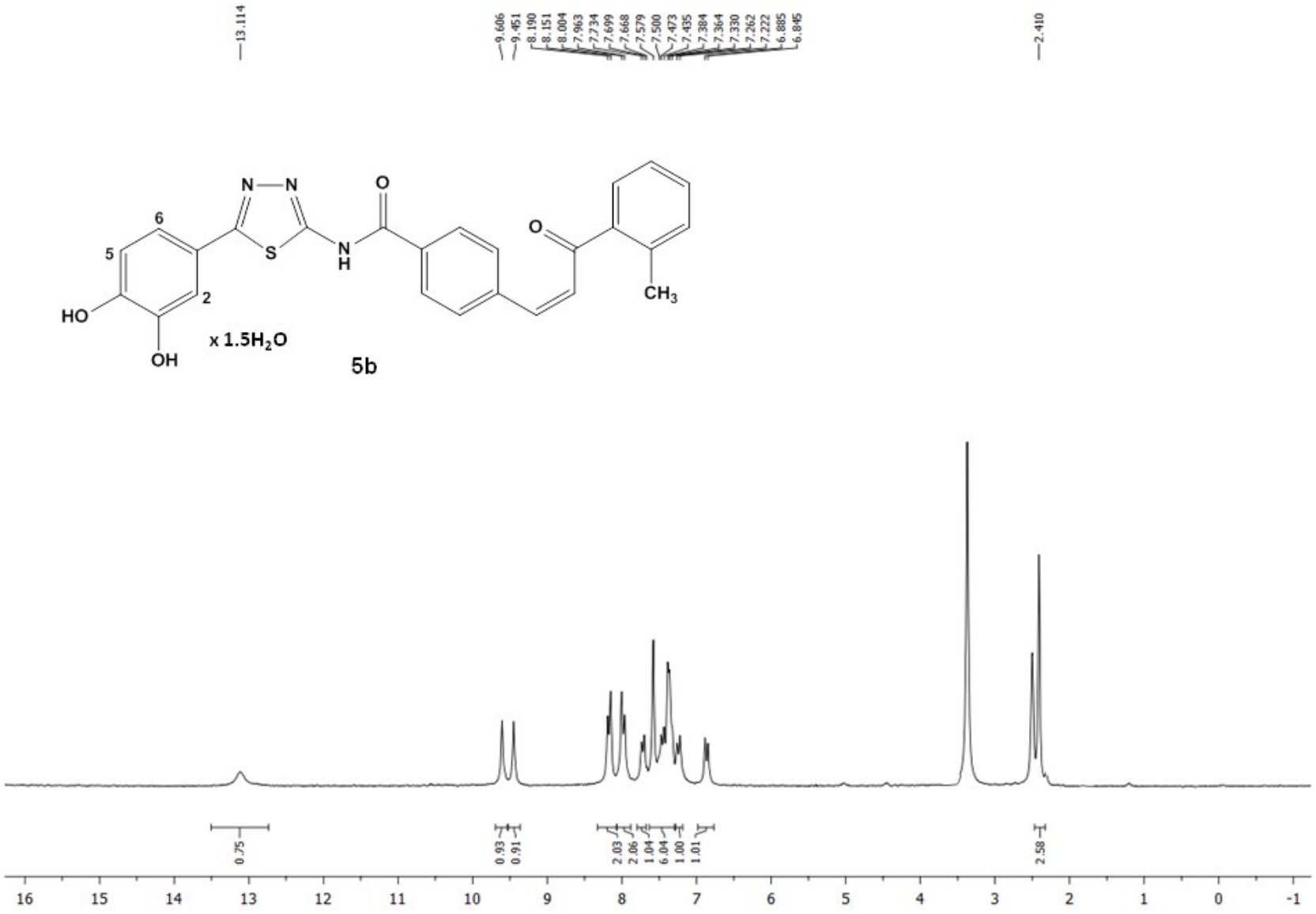

Figure S3. ^{1}H NMR spectrum of **5b** in DMSO-d_6 (200 MHz).

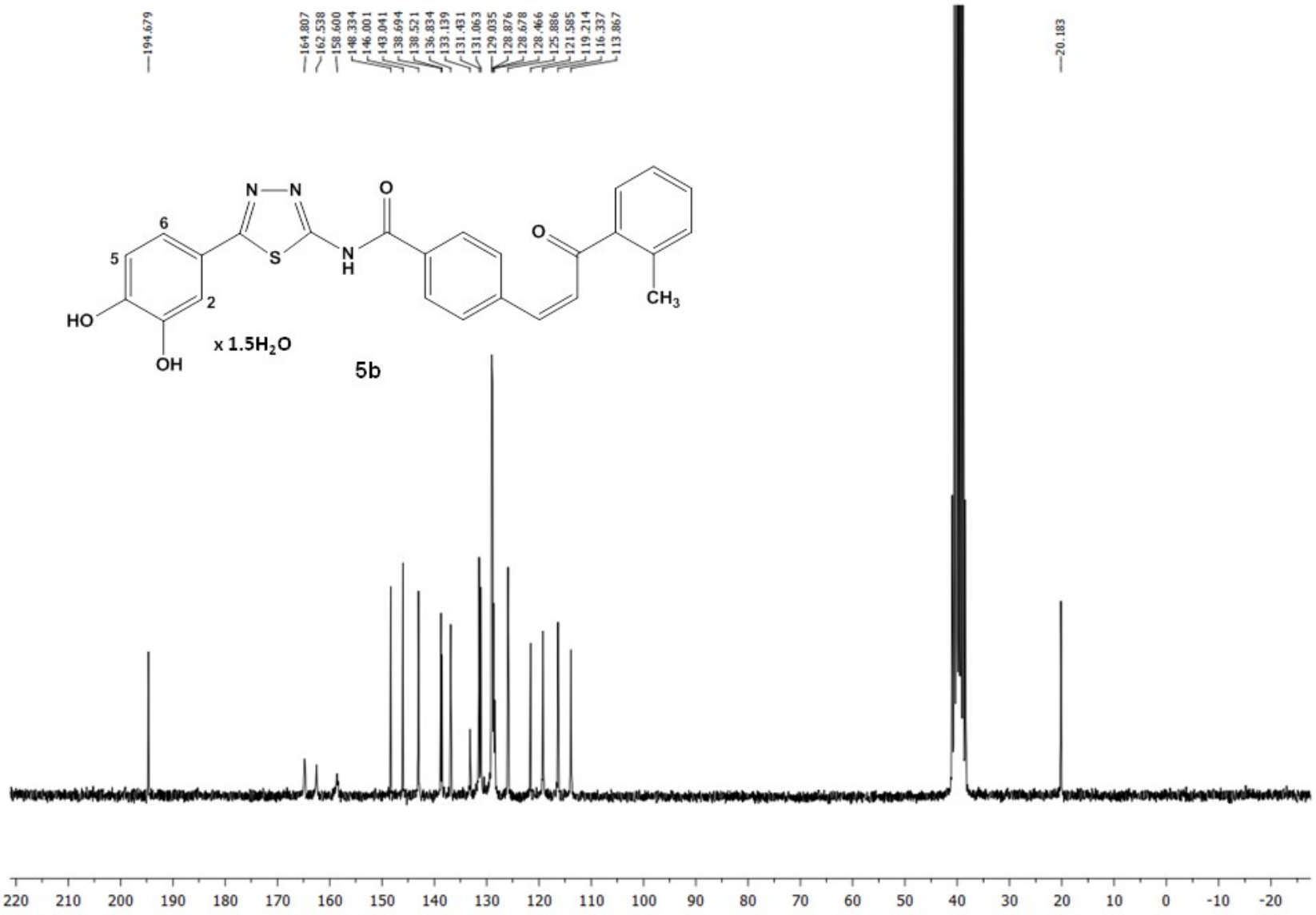

Figure S4. ^{13}C NMR spectrum of **5b** in DMSO-d_6 (50 MHz).

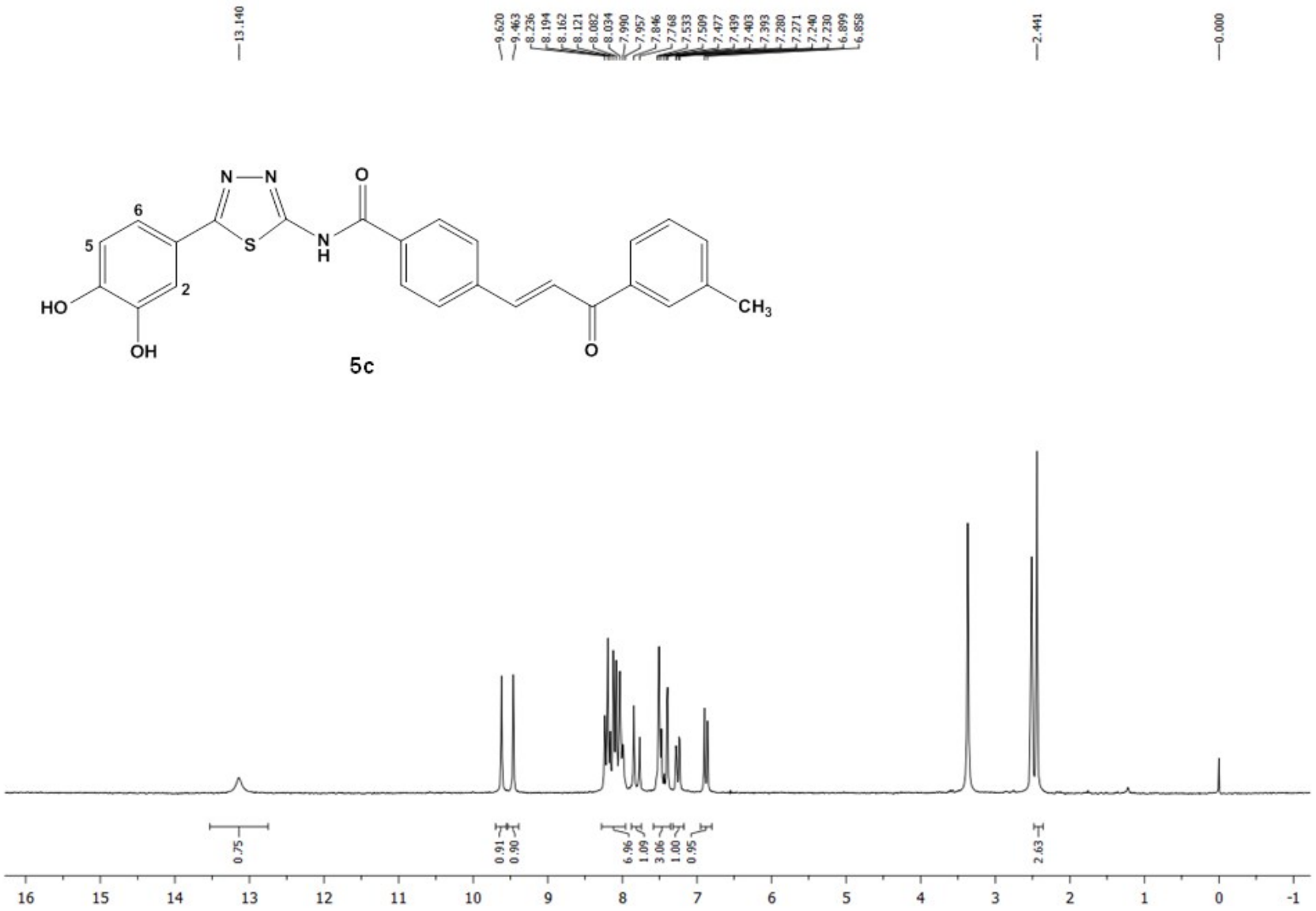

Figure S5. ^{1}H NMR spectrum of **5c** in DMSO-d_6 (200 MHz).

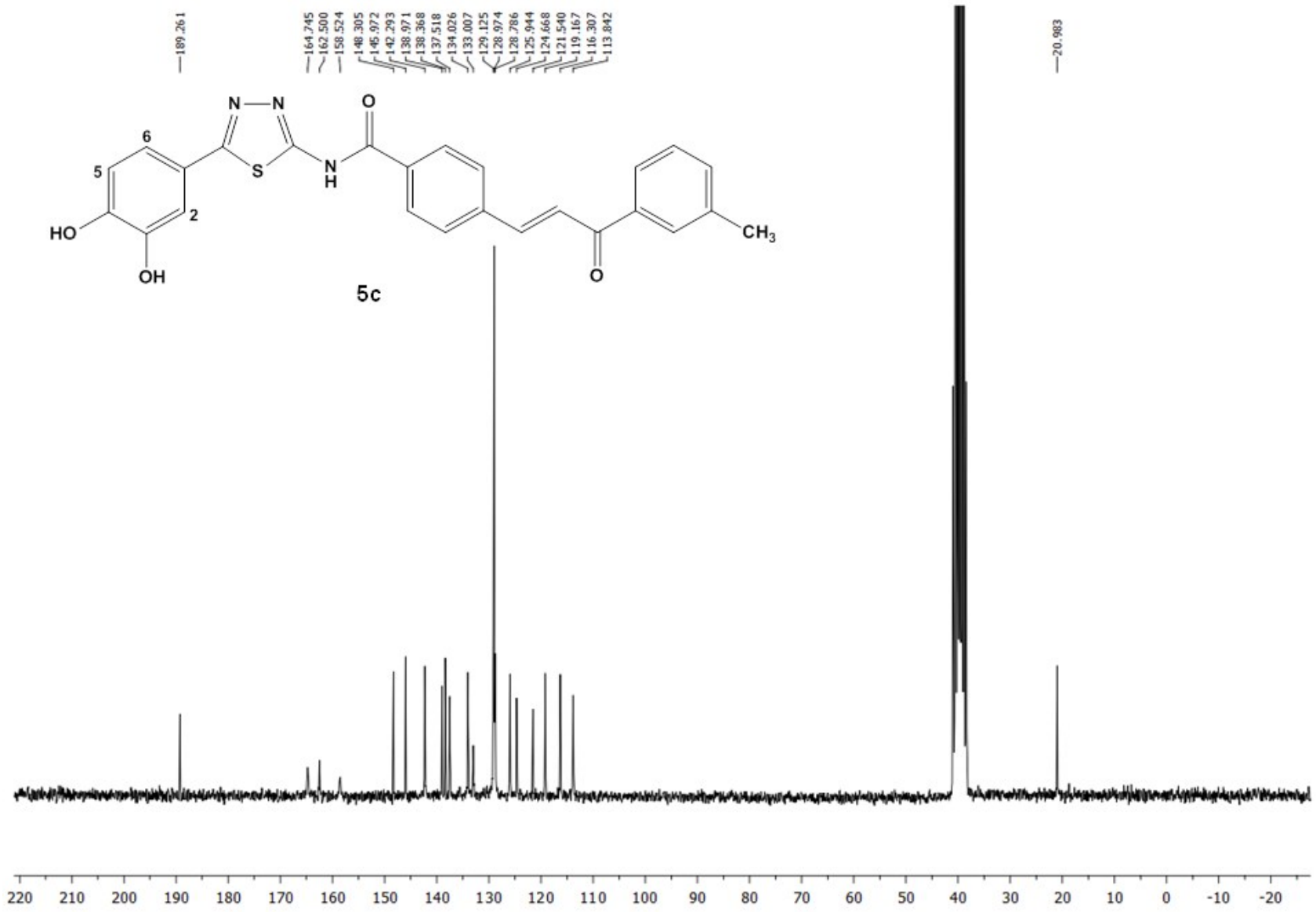

Figure S6. ^{13}C NMR spectrum of **5c** in DMSO-d_6 (50 MHz).

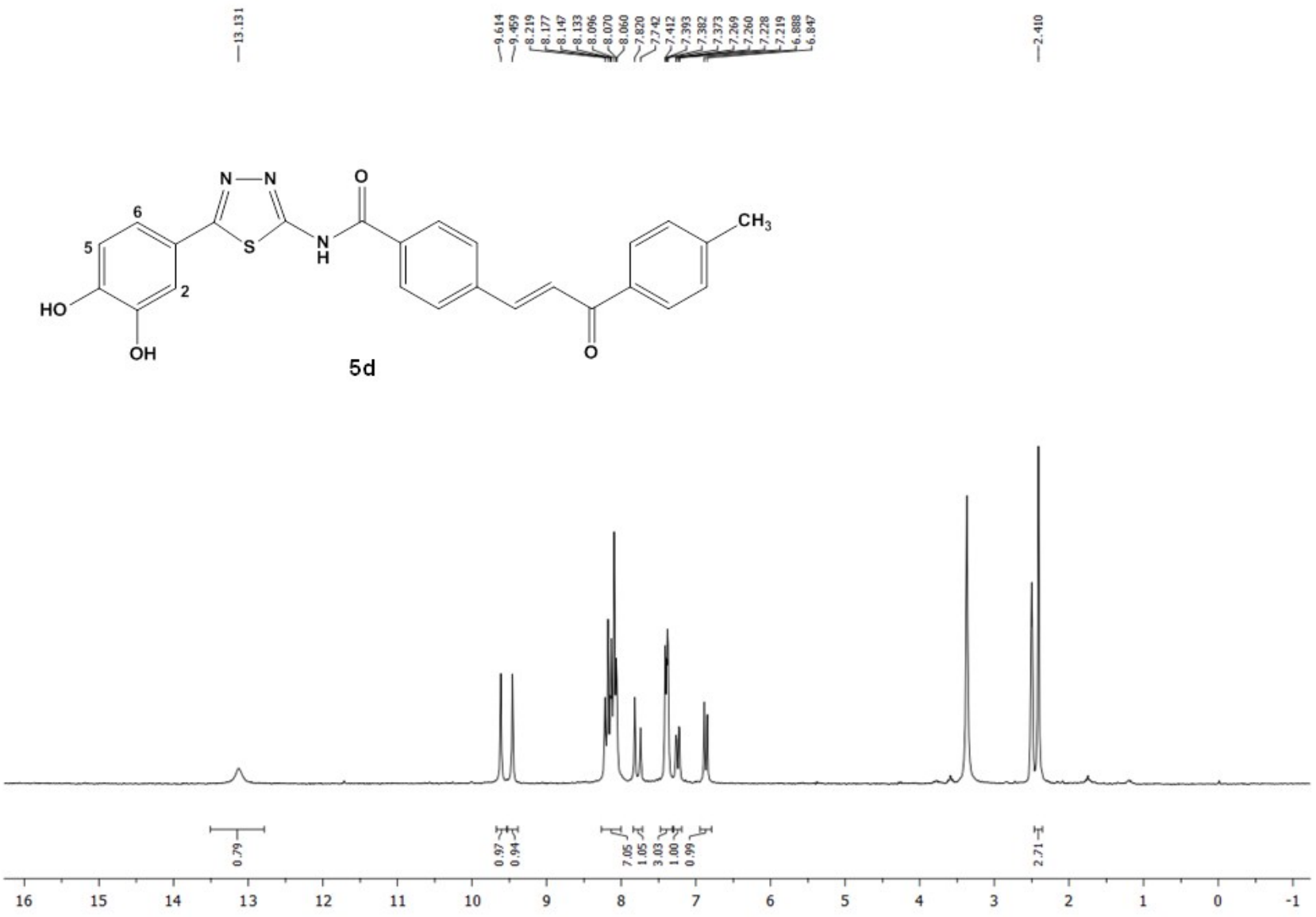

Figure S7. ^{1}H NMR spectrum of **5d** in DMSO-d_6 (200 MHz).

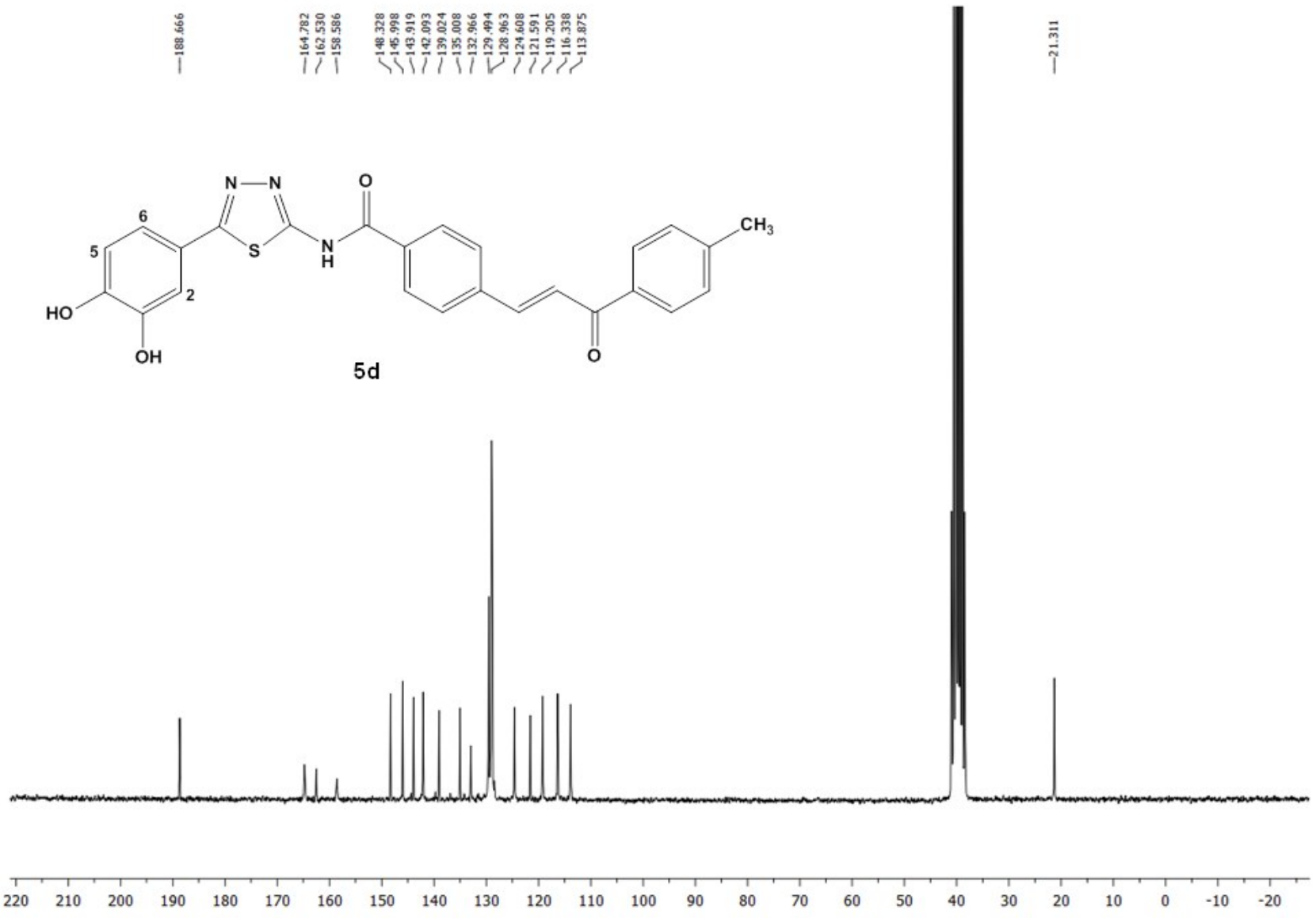

Figure S8. ^{13}C NMR spectrum of **5d** in DMSO-d_6 (50 MHz).

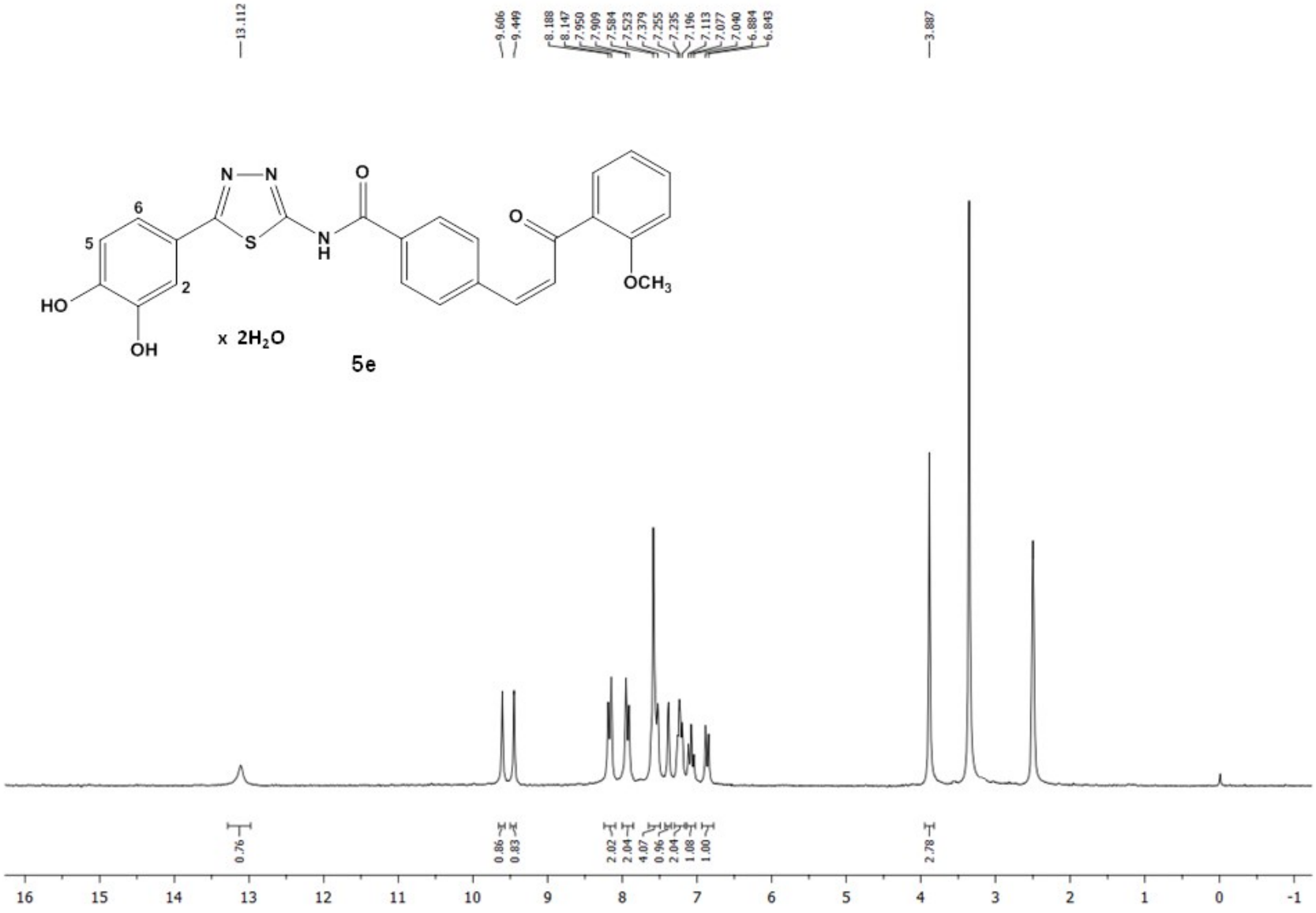

Figure S9. ^{1}H NMR spectrum of **5e** in DMSO-d_6 (200 MHz).

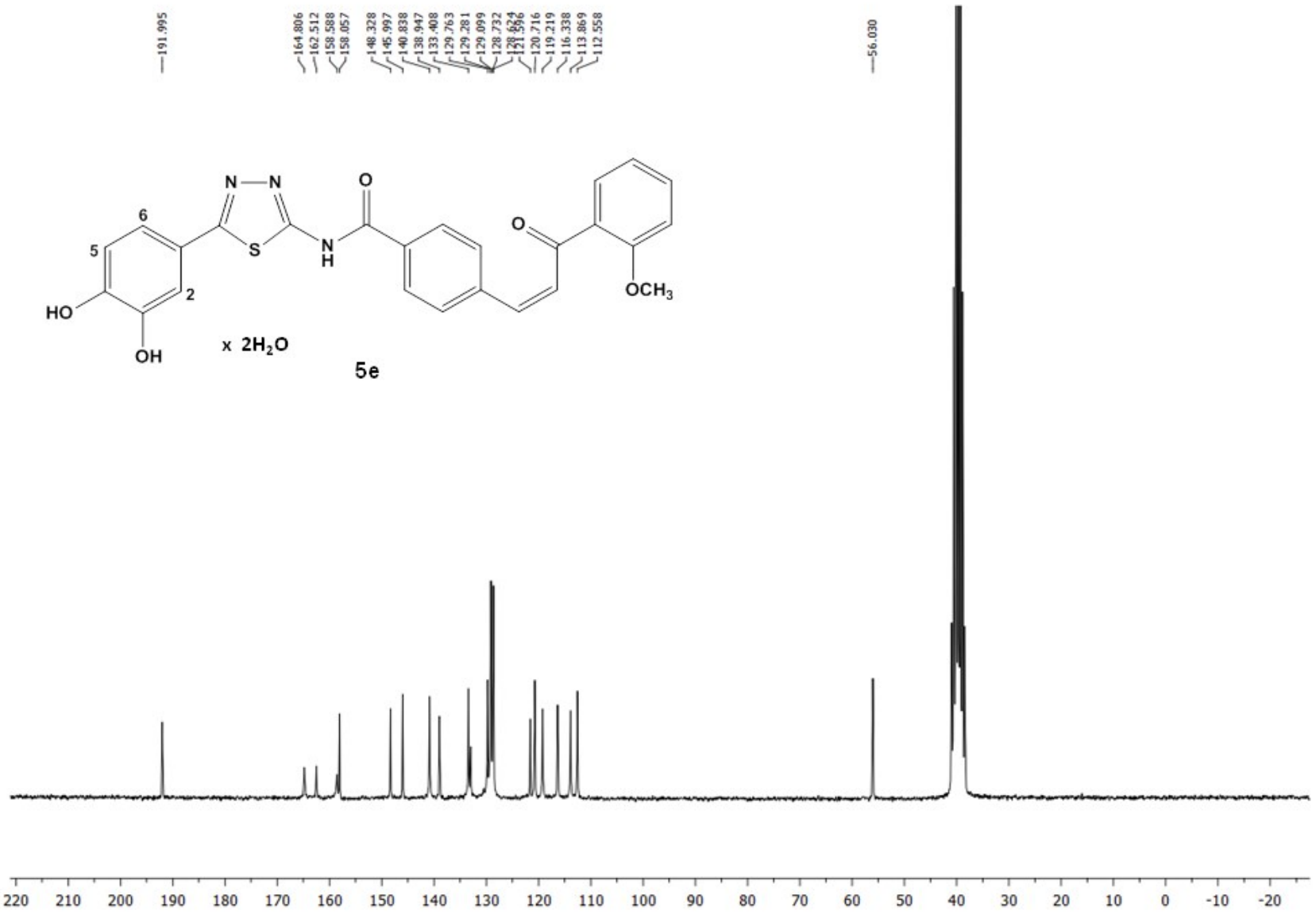

Figure S10. ^{13}C NMR spectrum of **5e** in DMSO-d_6 (50 MHz).

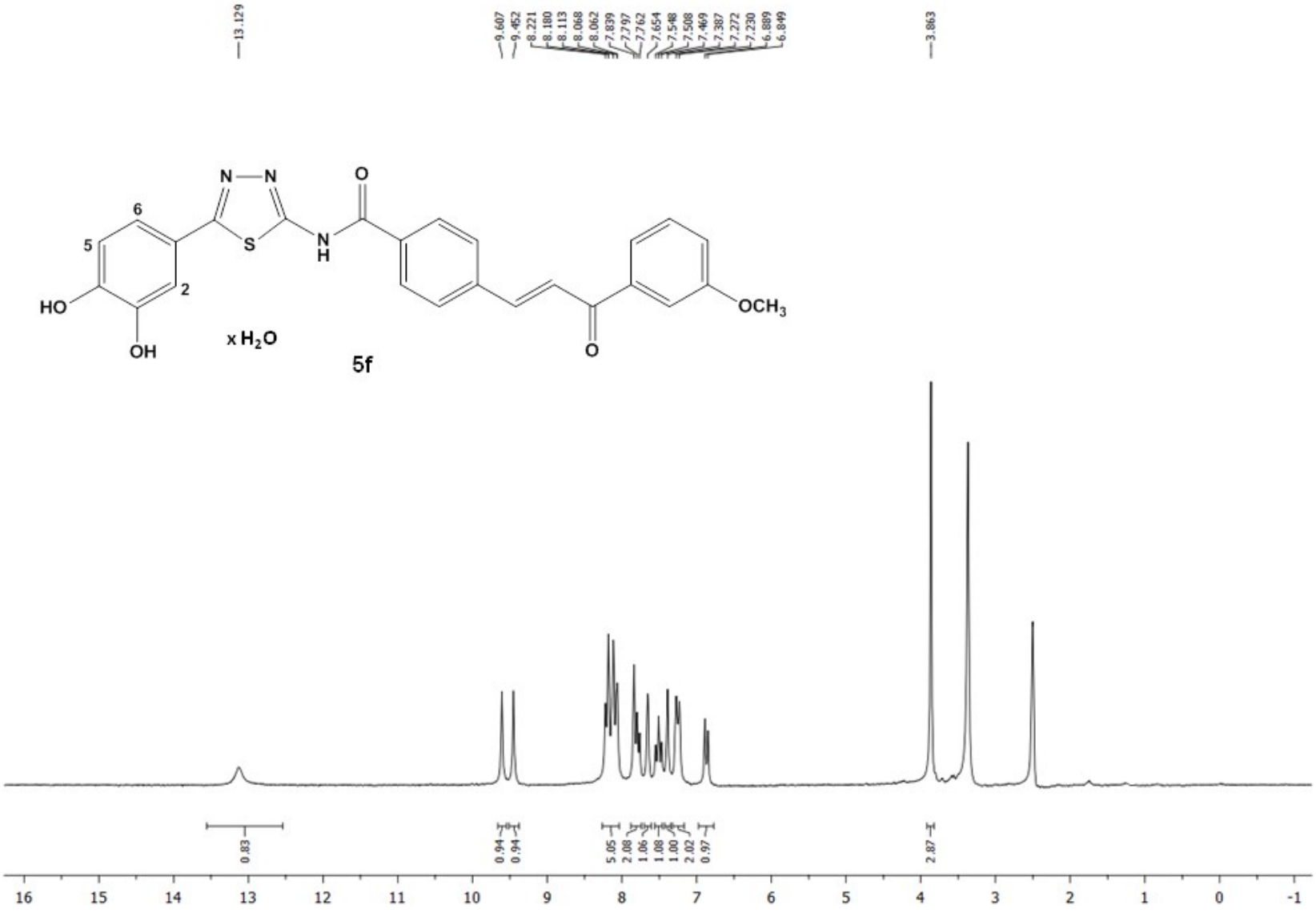

Figure S11. ^{1}H NMR spectrum of **5f** in DMSO-d_6 (200 MHz).

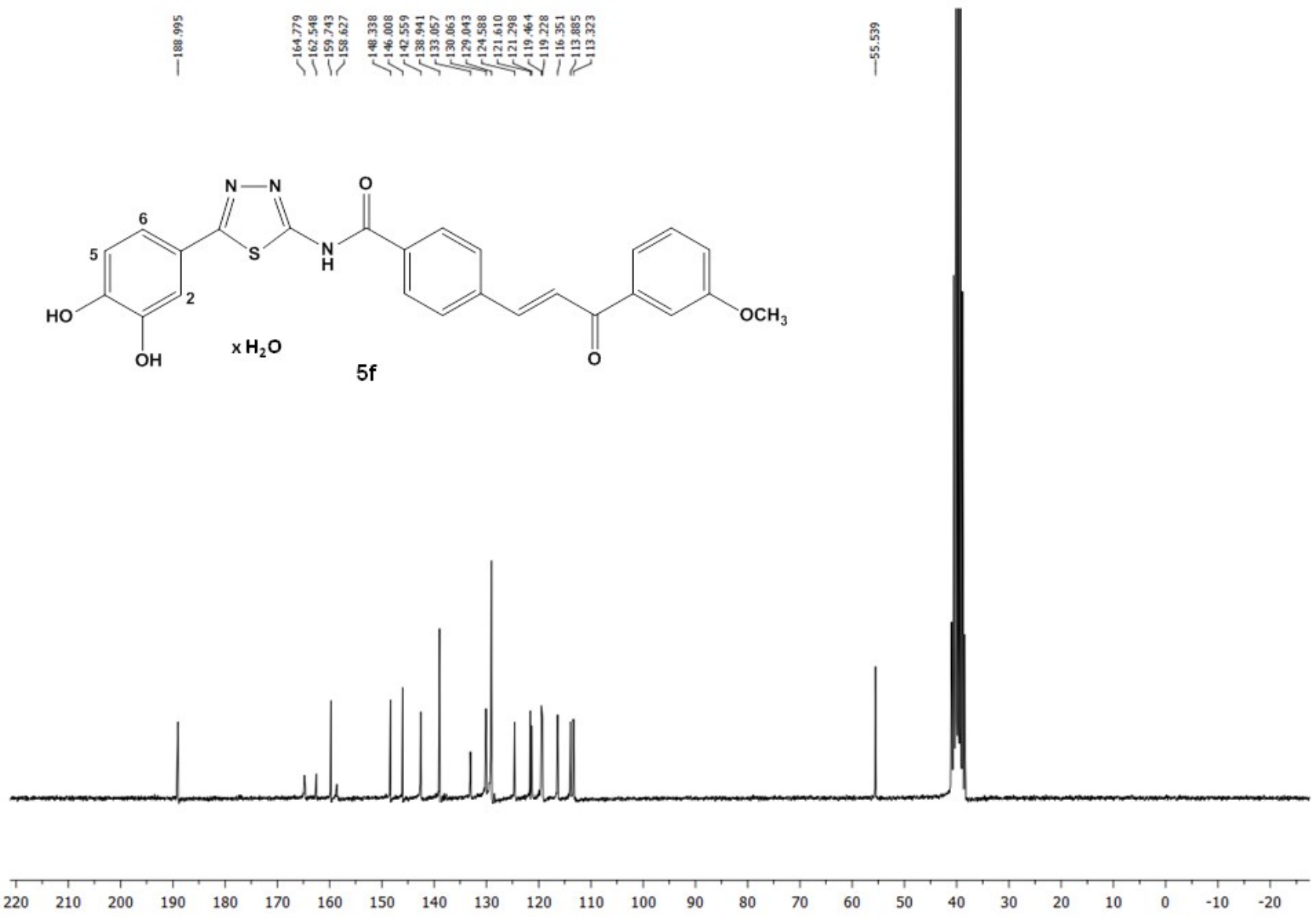

Figure S12. ^{13}C NMR spectrum of **5f** in DMSO-d_6 (50 MHz).

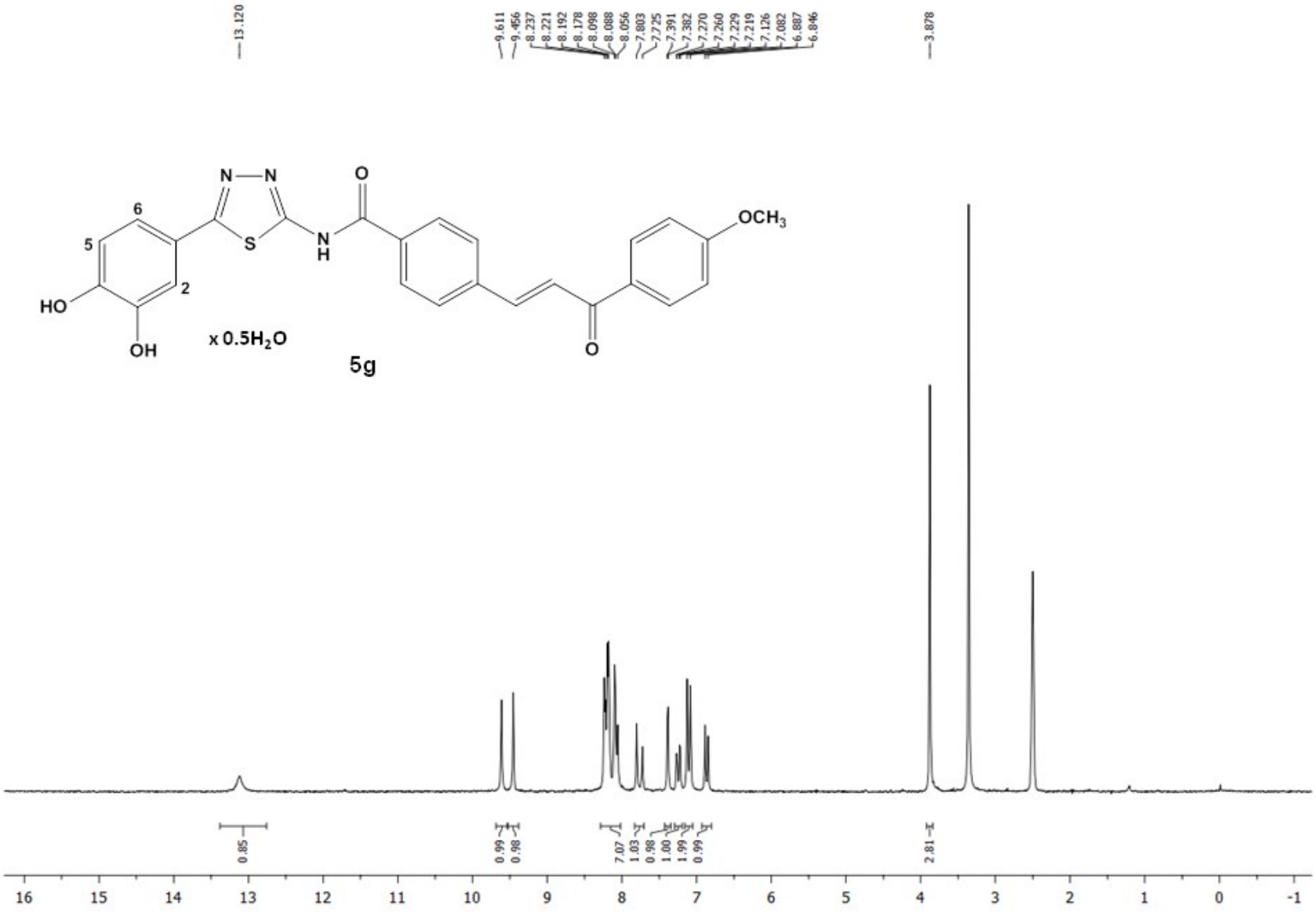

Figure S13. ^{1}H NMR spectrum of **5g** in DMSO-d_6 (200 MHz).

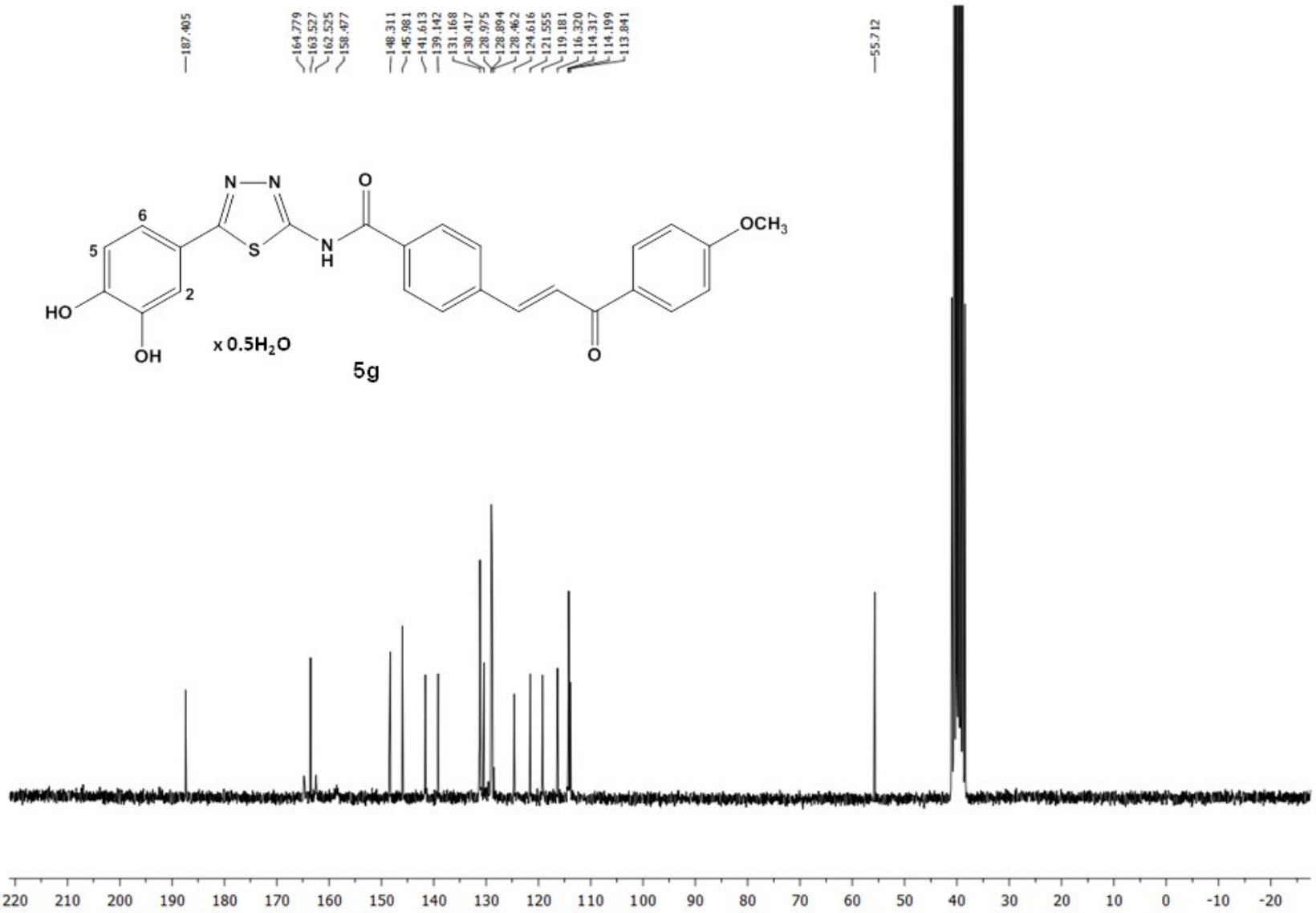

Figure S14. ^{13}C NMR spectrum of **5g** in DMSO-d_6 (50 MHz).

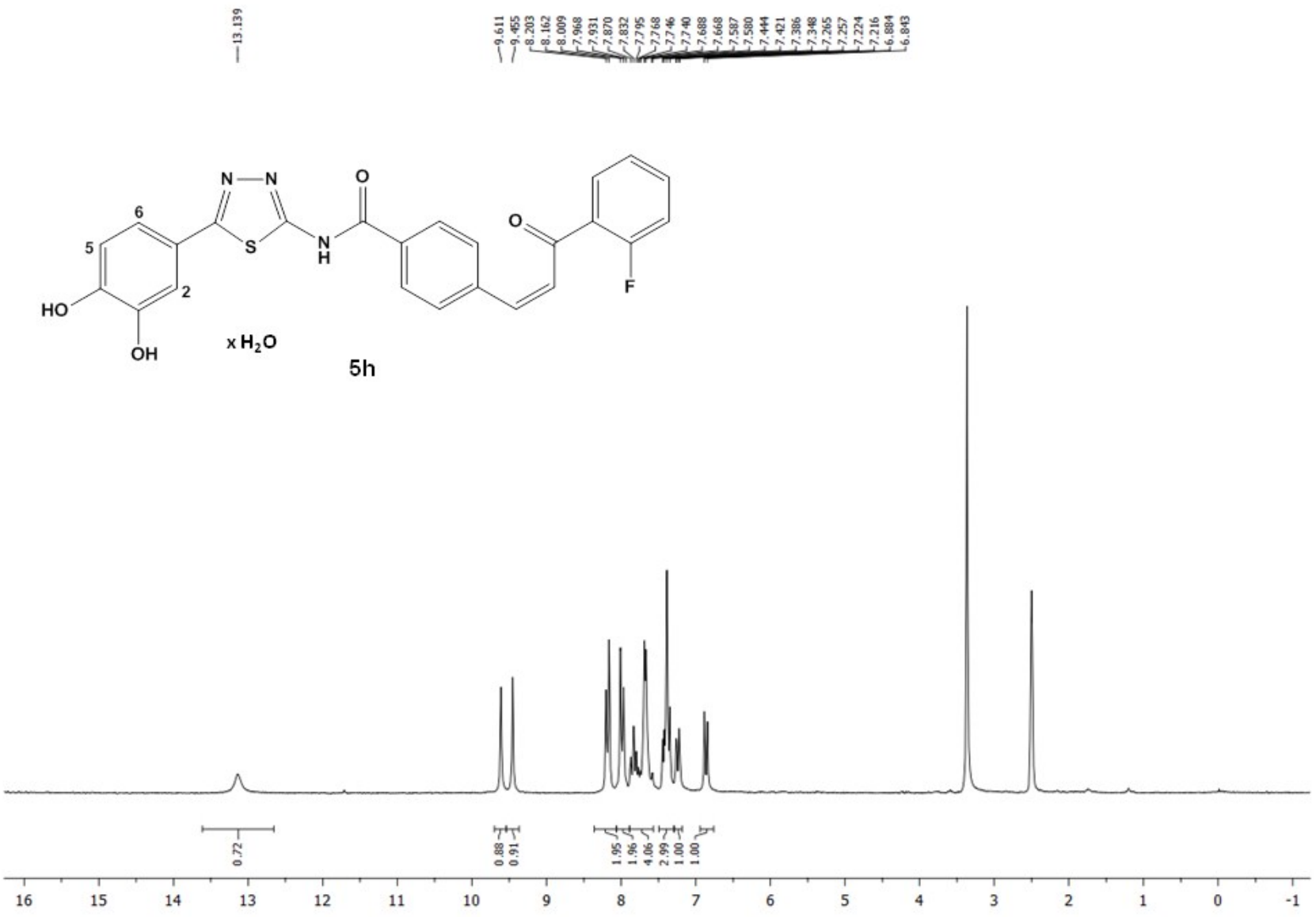

Figure S15. ^{1}H NMR spectrum of **5h** in DMSO-d_6 (200 MHz).

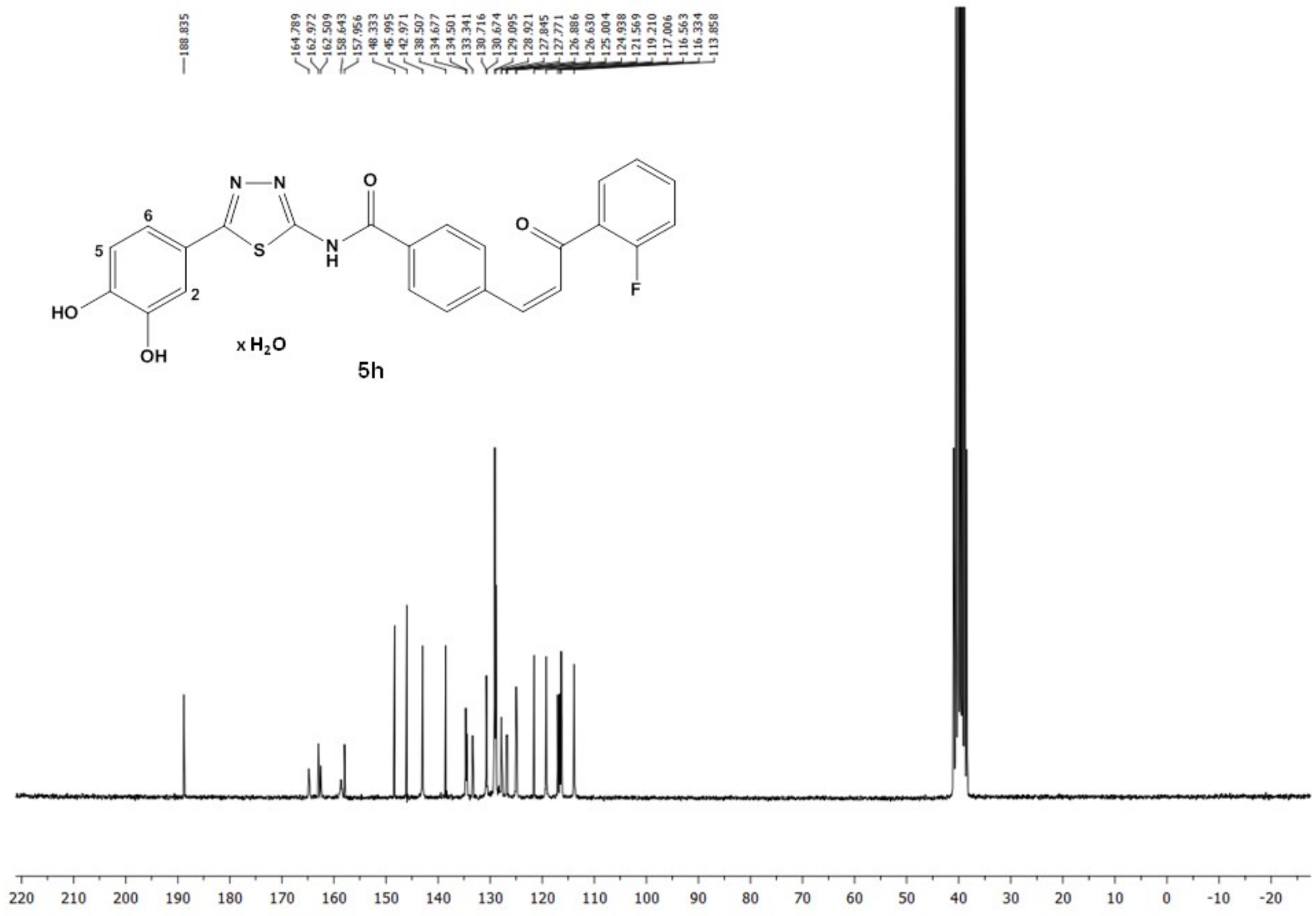

Figure S16. ^{13}C NMR spectrum of **5h** in DMSO-d_6 (50 MHz).

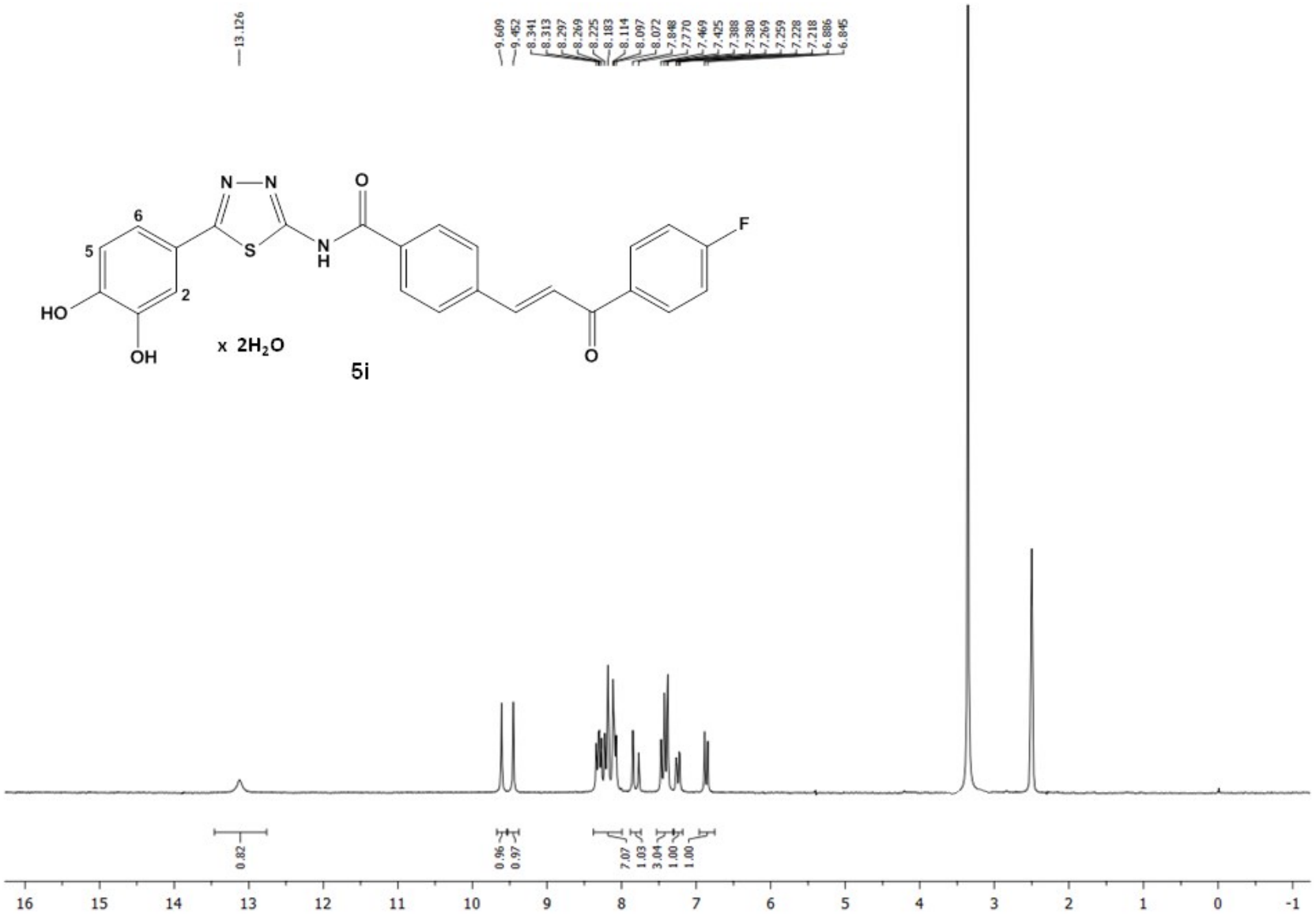

Figure S17. ^{1}H NMR spectrum of **5i** in DMSO-d_6 (200 MHz).

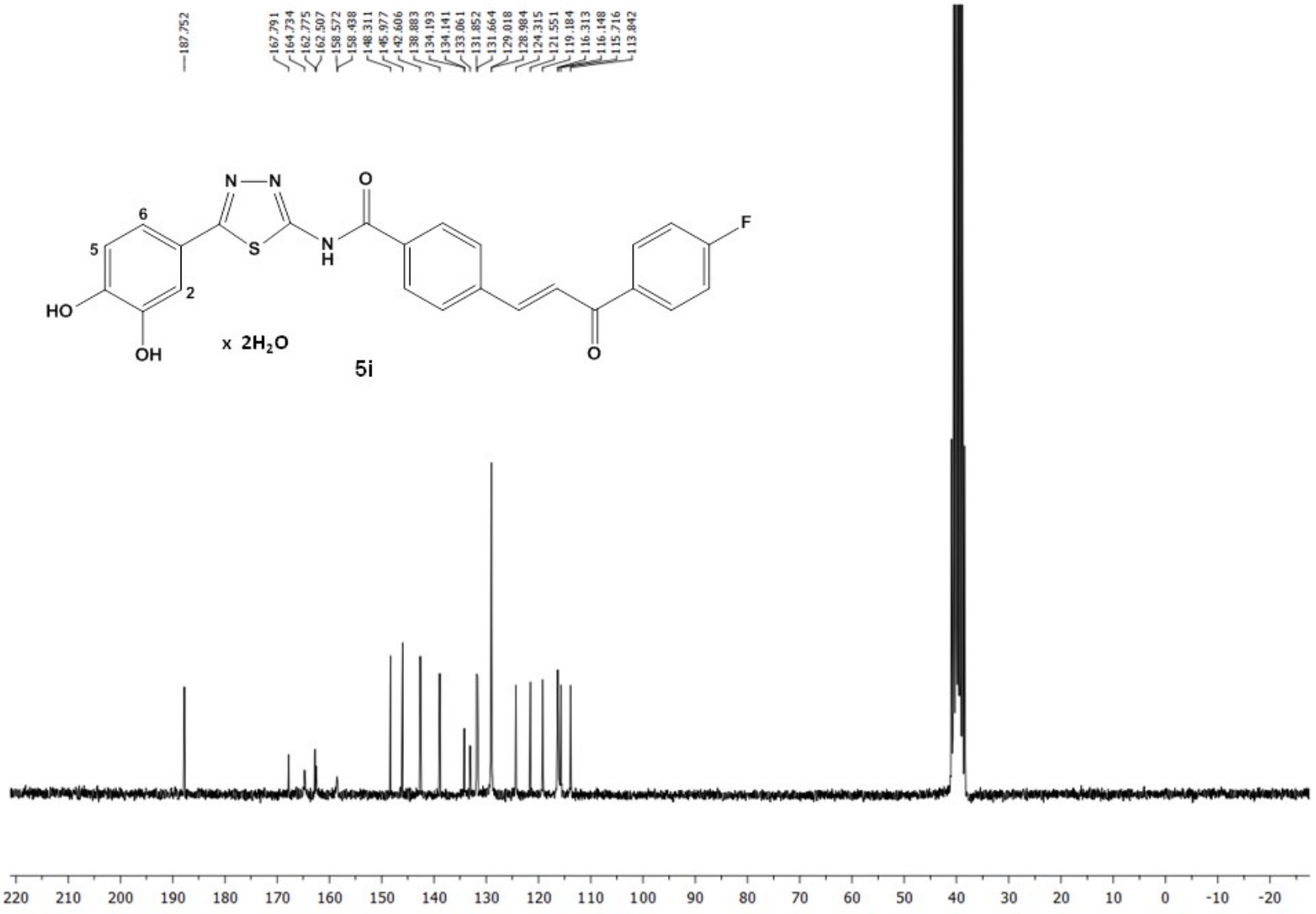

Figure S18. ^{13}C NMR spectrum of **5i** in DMSO-d_6 (50 MHz).

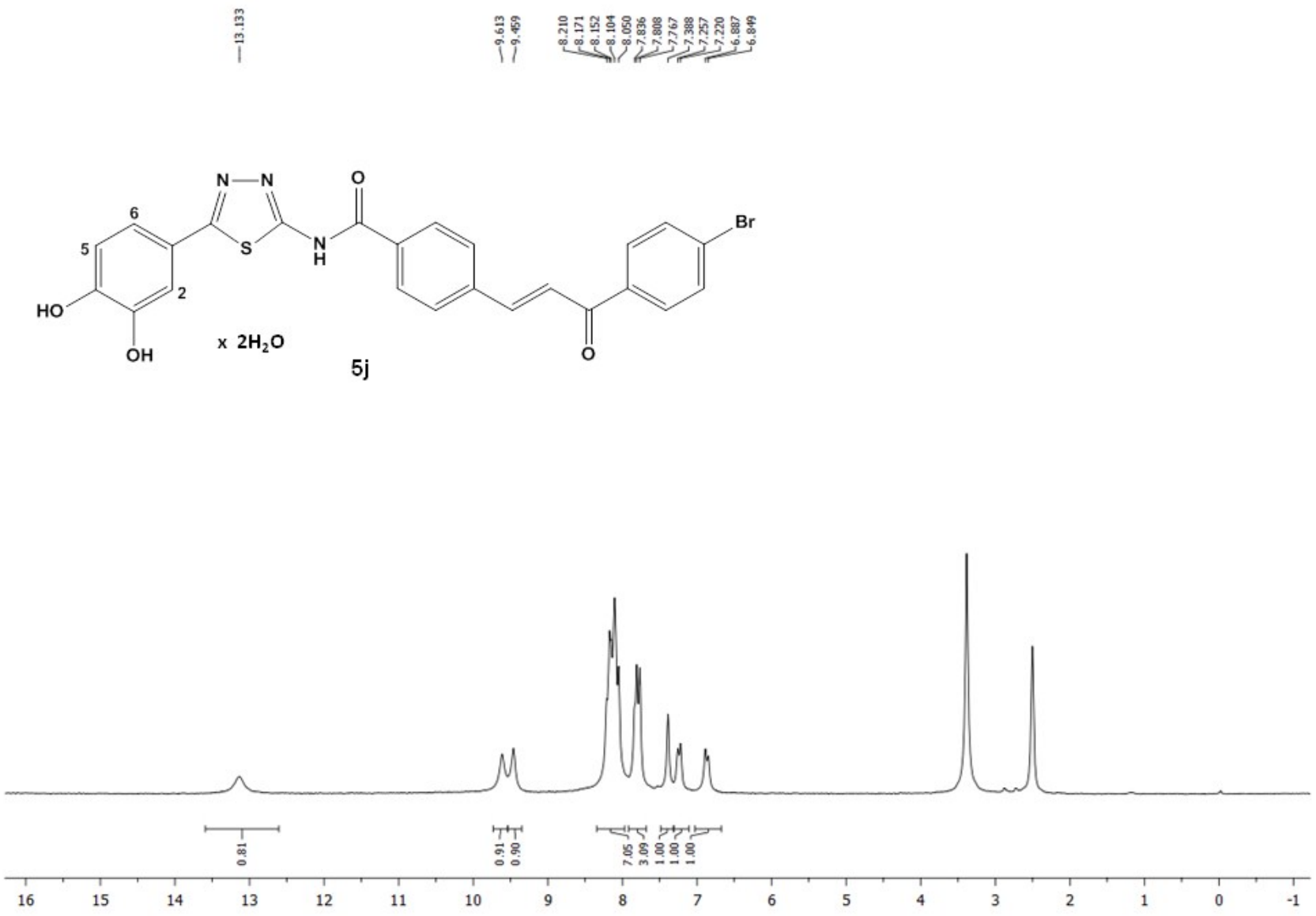

Figure S19. ^{1}H NMR spectrum of **5j** in DMSO-d_6 (200 MHz).

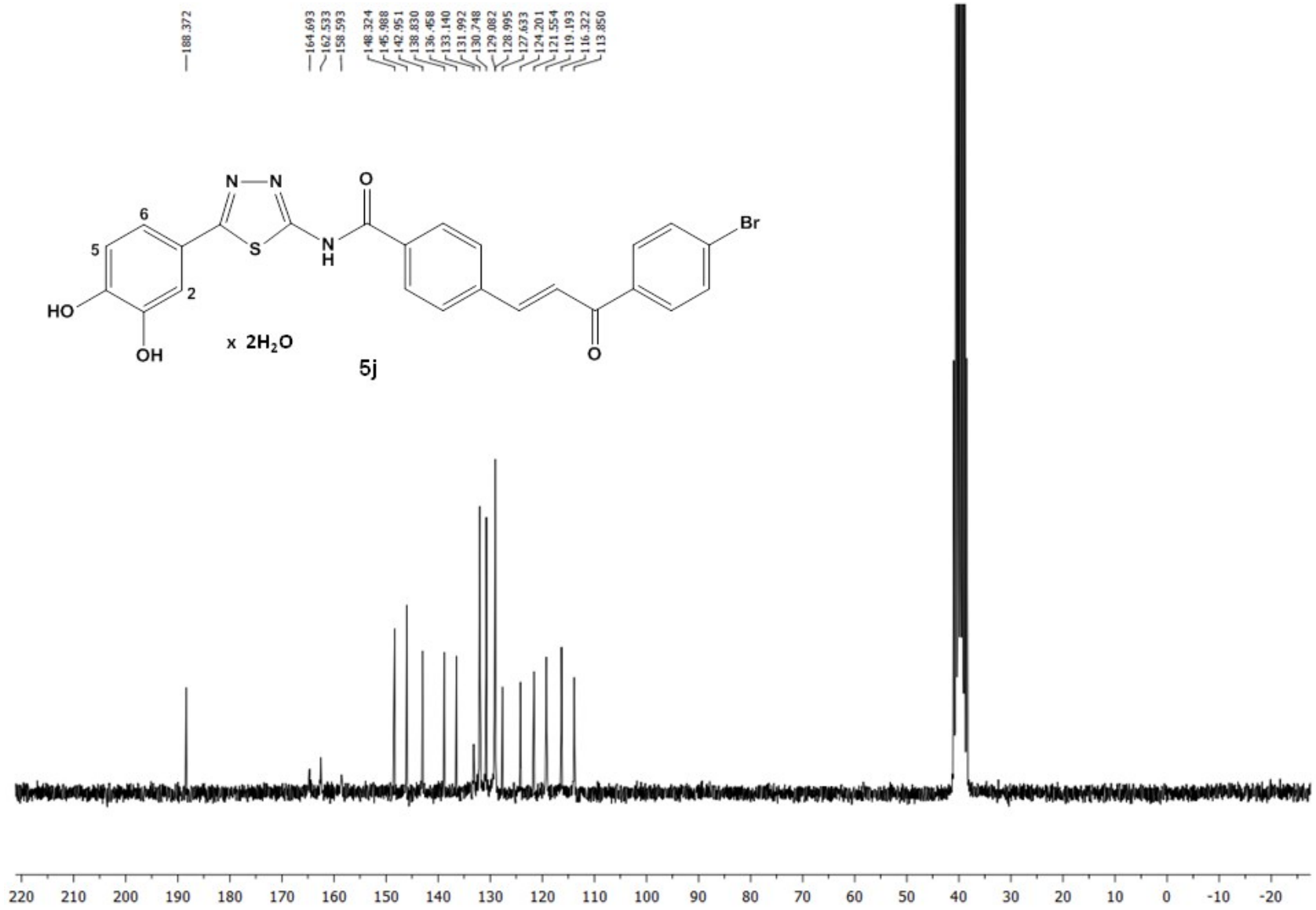

Figure S20. ^{13}C NMR spectrum of **5j** in DMSO-d_6 (50 MHz).

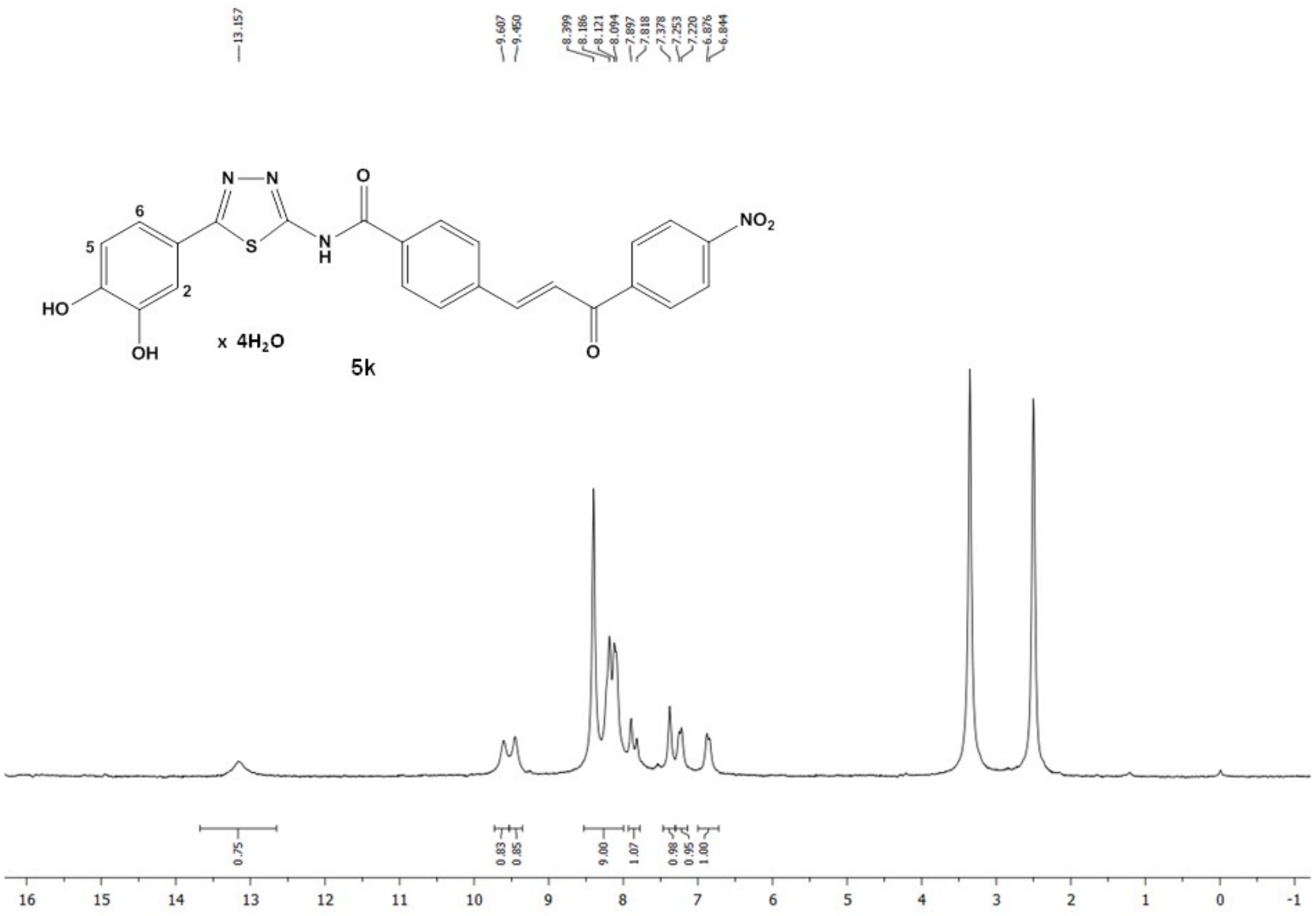

Figure S21. ^{1}H NMR spectrum of **5k** in DMSO-d_6 (200 MHz).

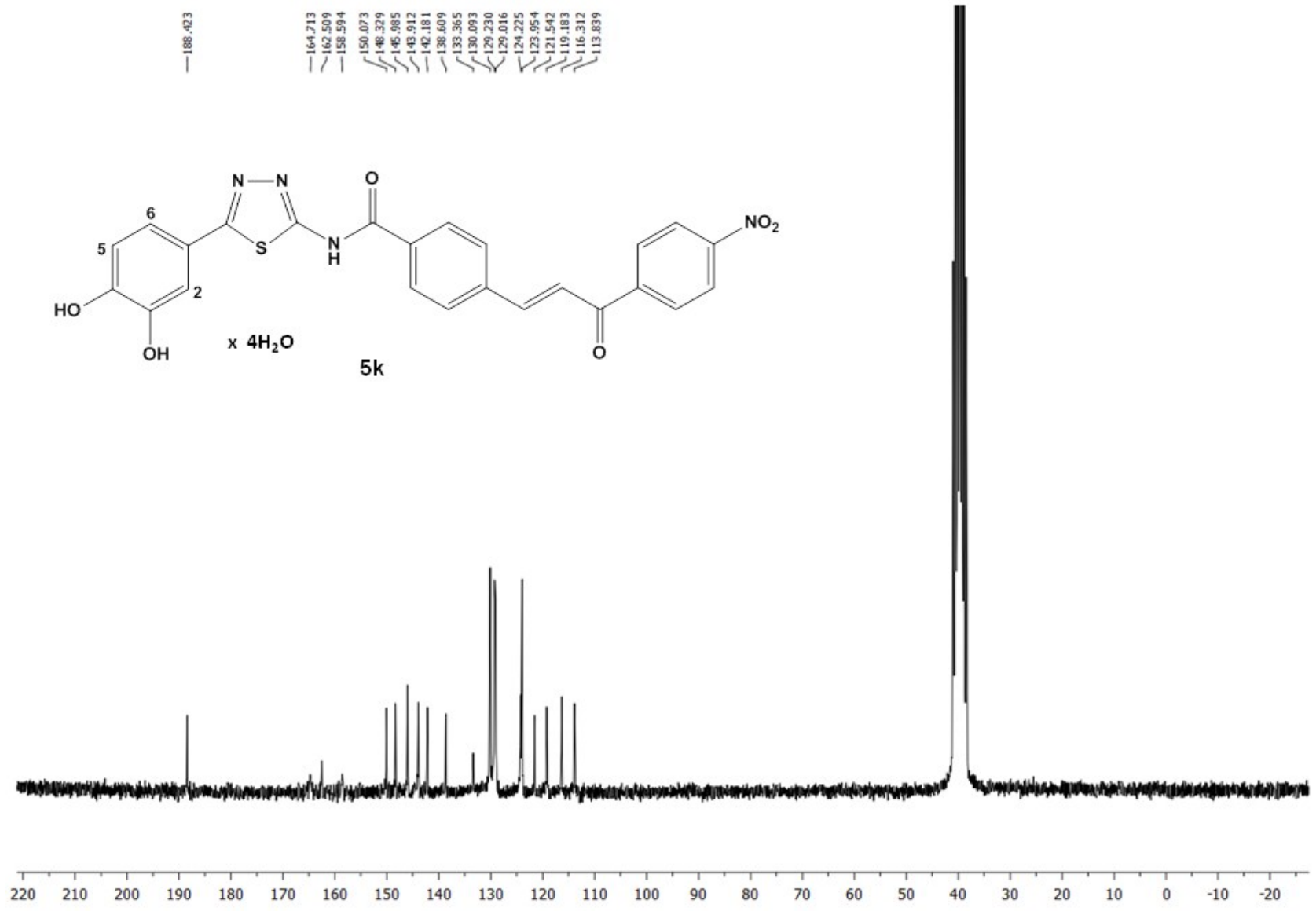

Figure S22. ^{13}C NMR spectrum of **5k** in DMSO-d_6 (50 MHz).

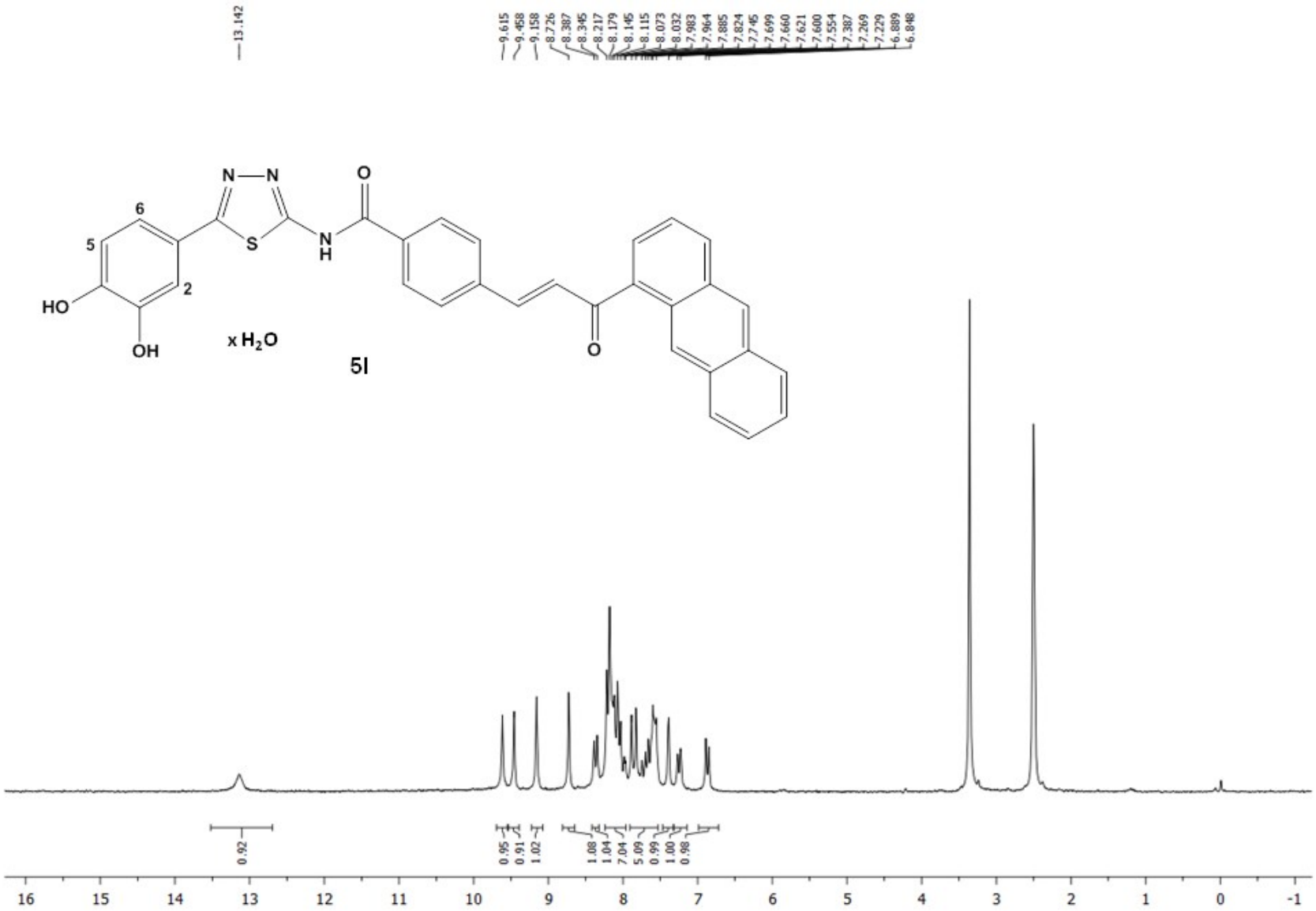

Figure S23. ^{1}H NMR spectrum of **5l** in DMSO-d_6 (200 MHz).

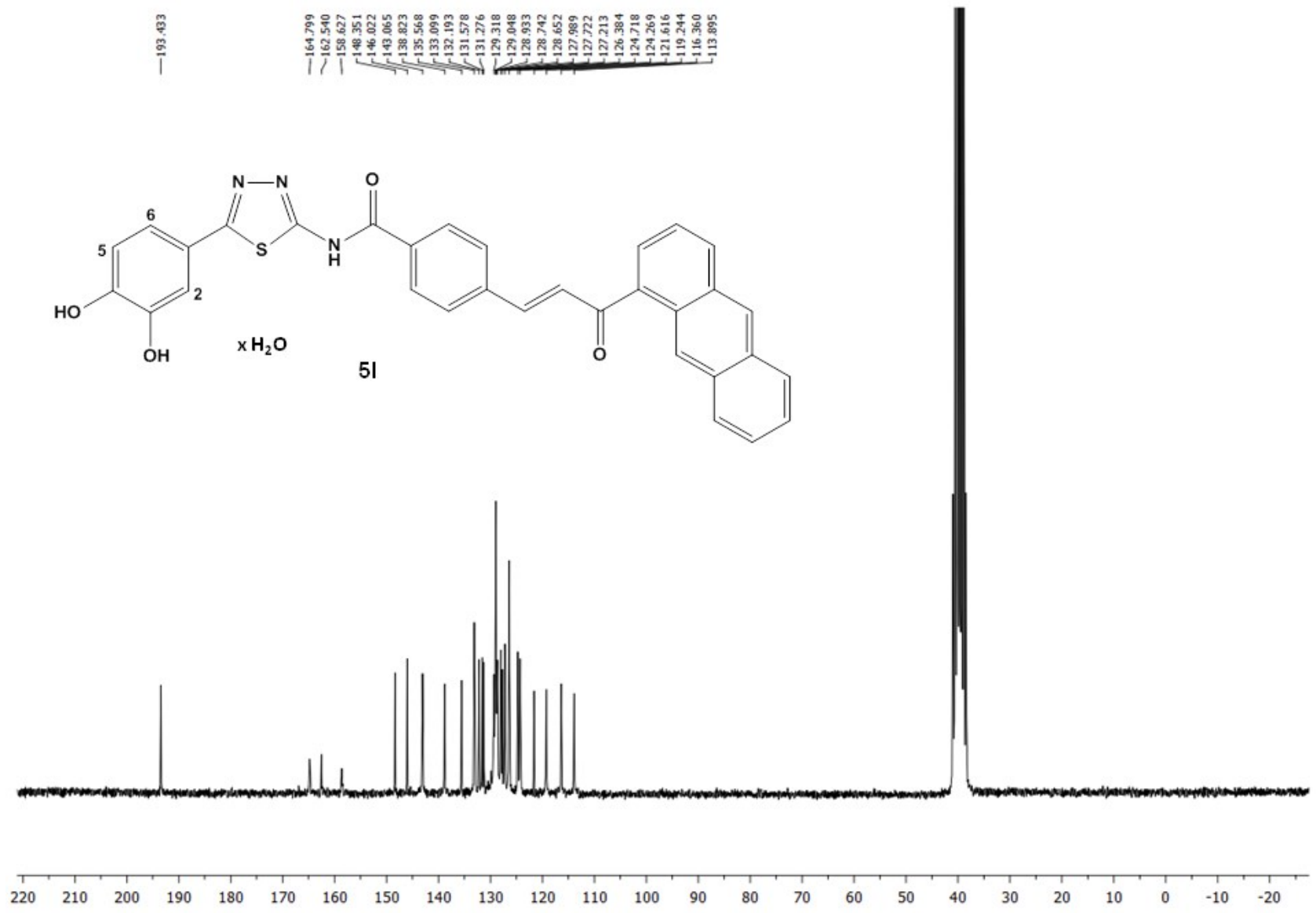

Figure S24. ^{13}C NMR spectrum of **5l** in DMSO-d_6 (50 MHz).

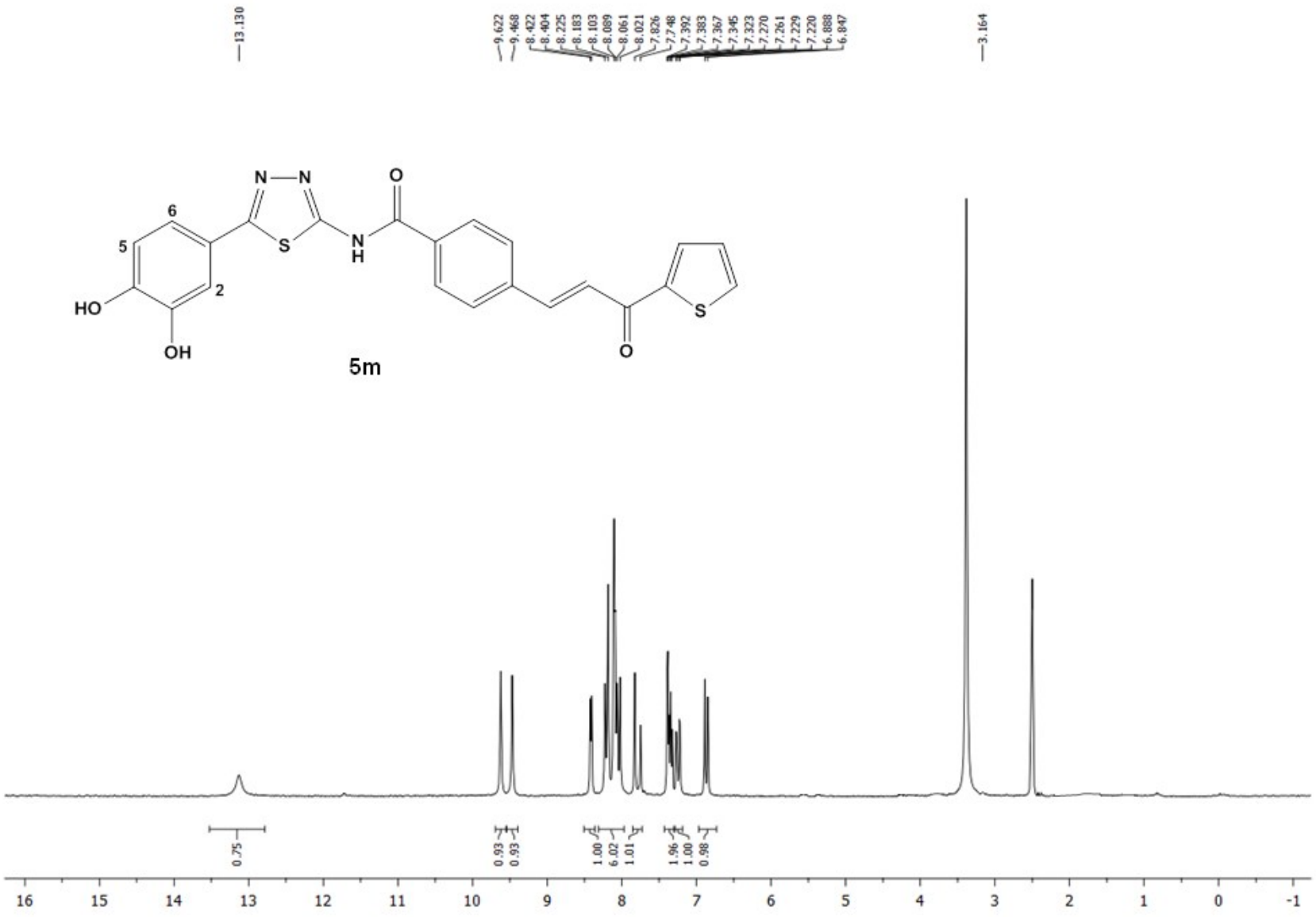

Figure S25. ^{1}H NMR spectrum of **5m** in DMSO-d_6 (200 MHz).

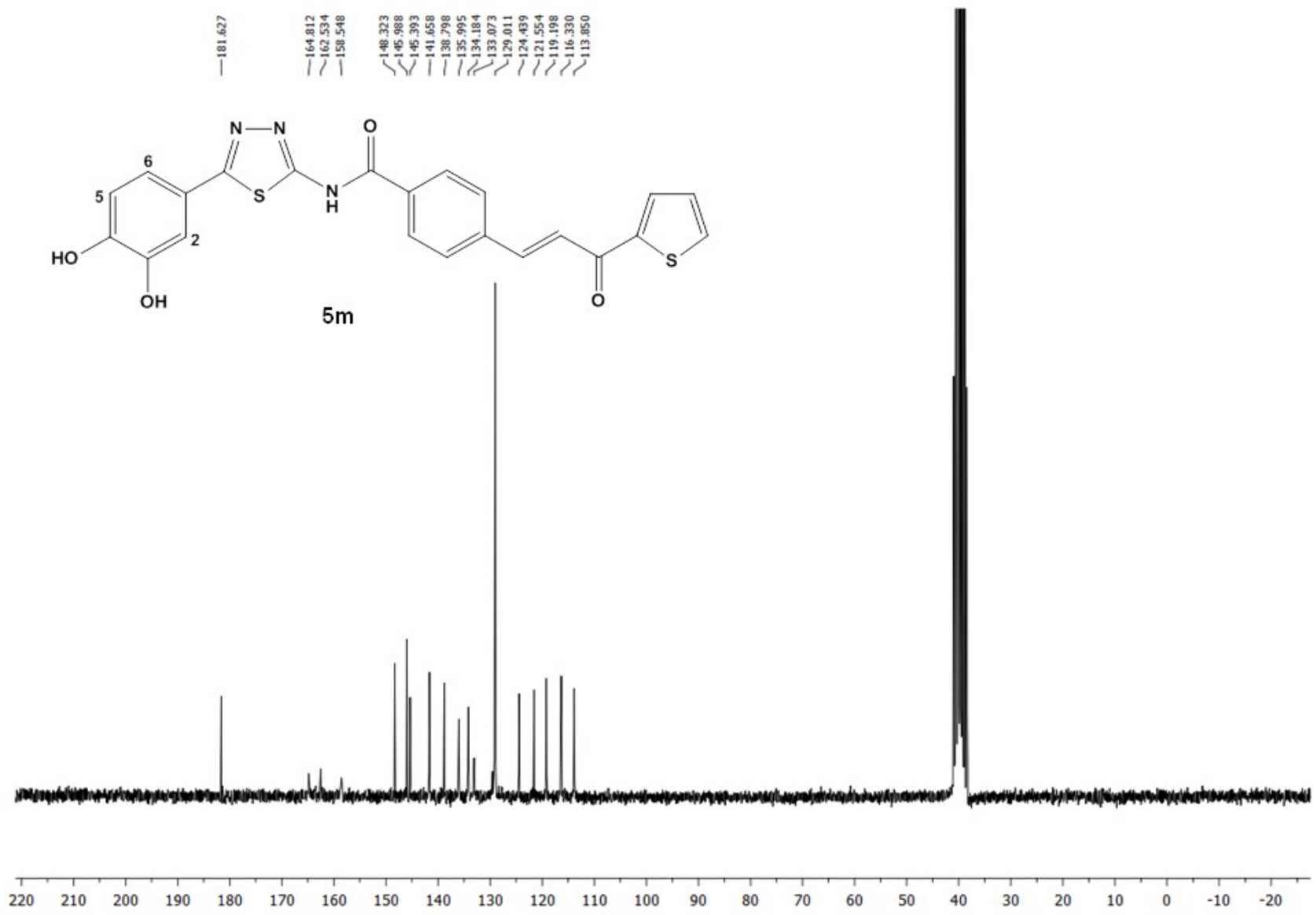

Figure S26. ^{13}C NMR spectrum of **5m** in DMSO-d_6 (50 MHz).