

Design, Synthesis, and Cytotoxic Evaluation of *N*-Phenyl-3-(Thiophen-2-yl)acrylamide Derivatives

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FTIR SPECTRA OF COMPOUNDS

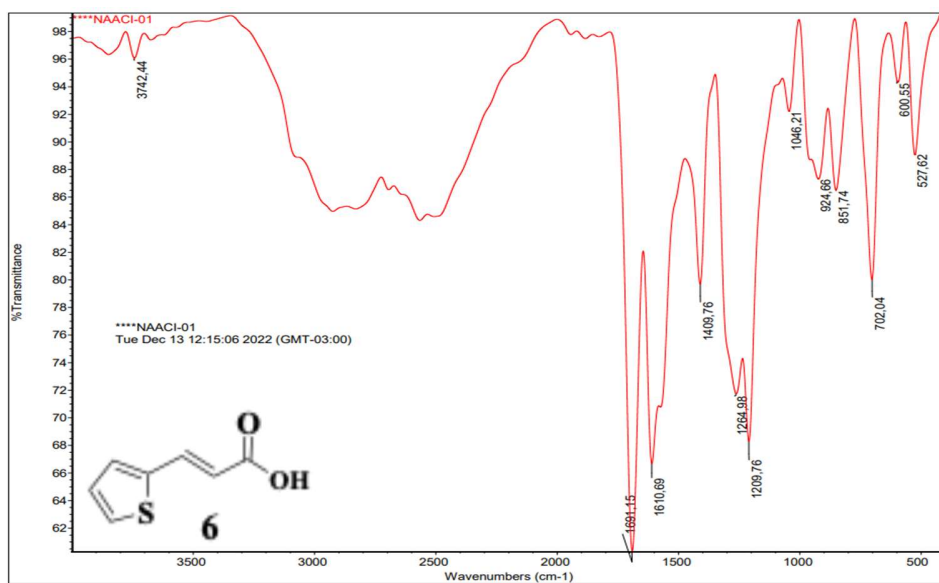


Figure S1. FTIR spectra of compound 6.

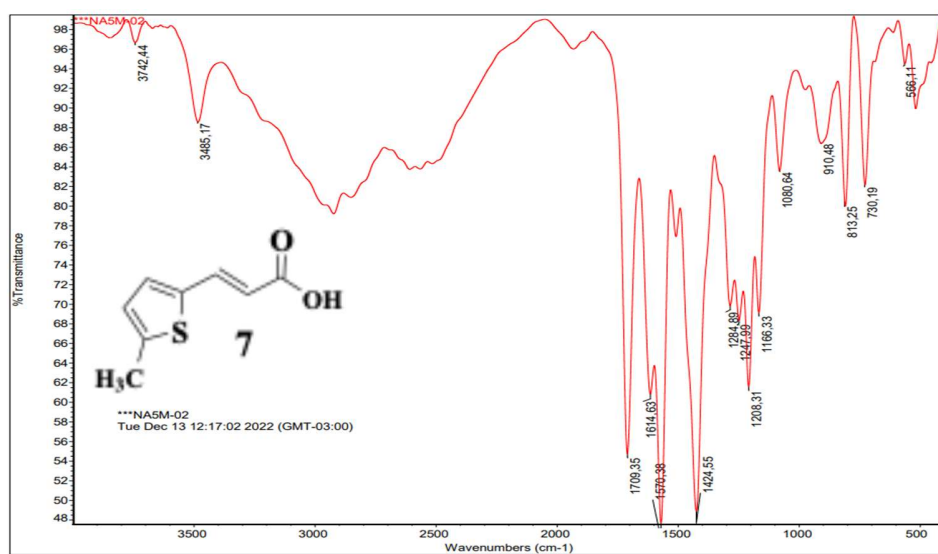


Figure S2. FTIR spectra of compound 7.

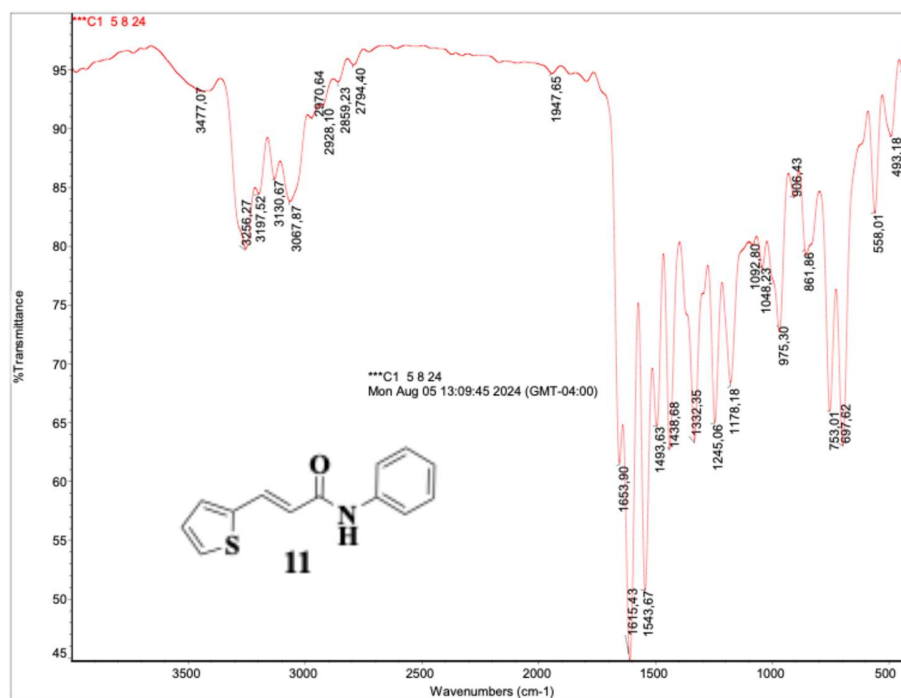


Figure S3. FTIR spectra of compound 11.

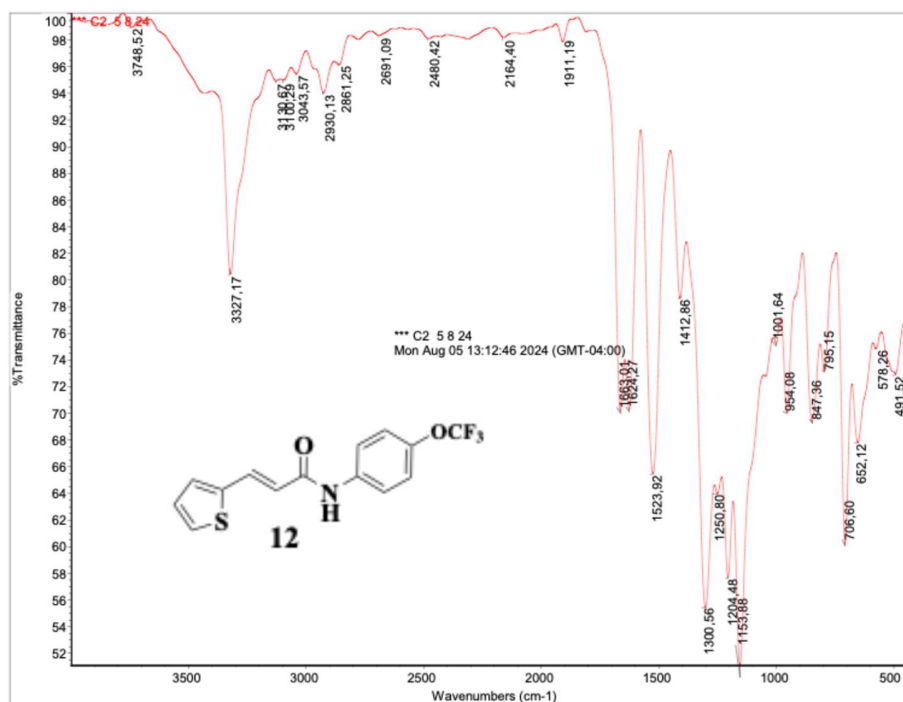


Figure S4. FTIR spectra of compound 12.

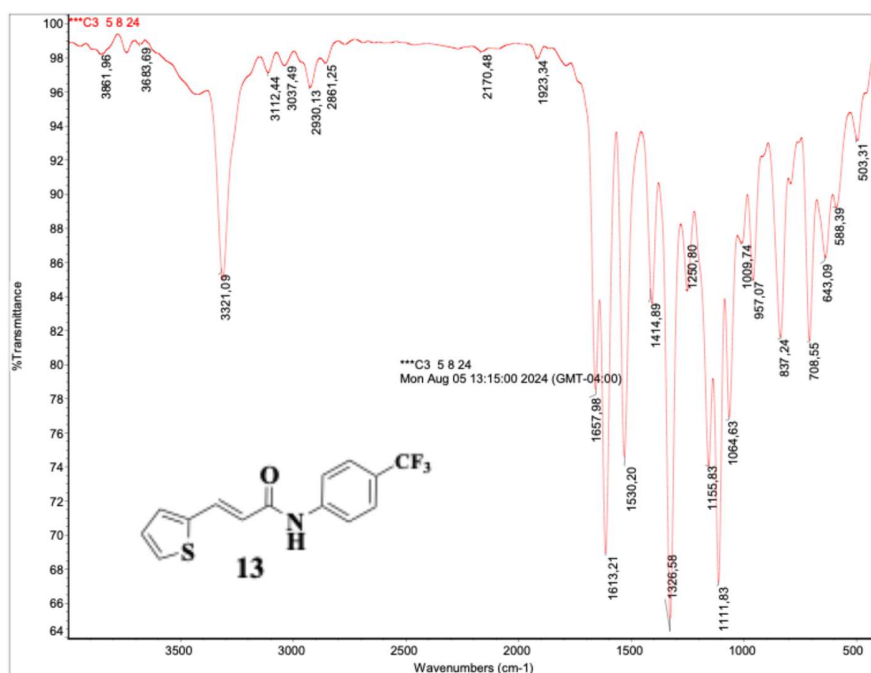


Figure S5. FTIR spectra of compound **13**.

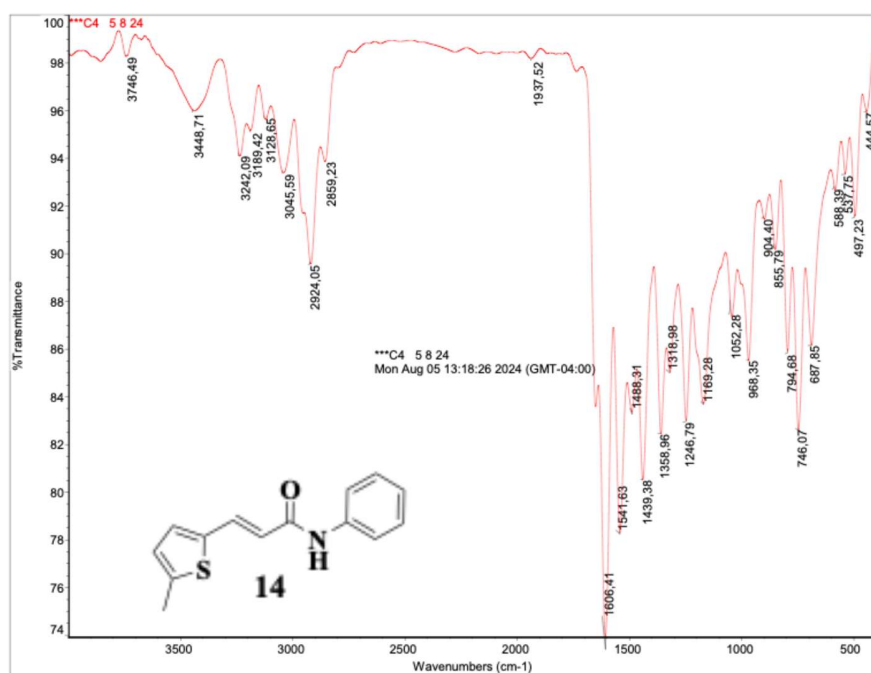


Figure S6. FTIR spectra of compound **14**.

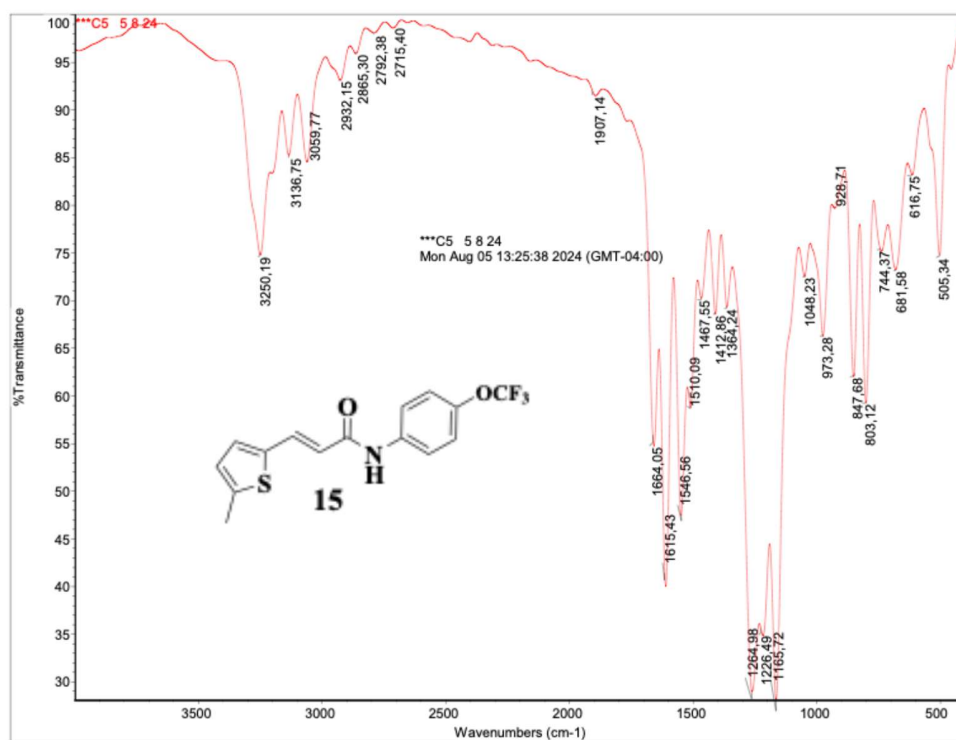


Figure S7. FTIR spectra of compound 15.

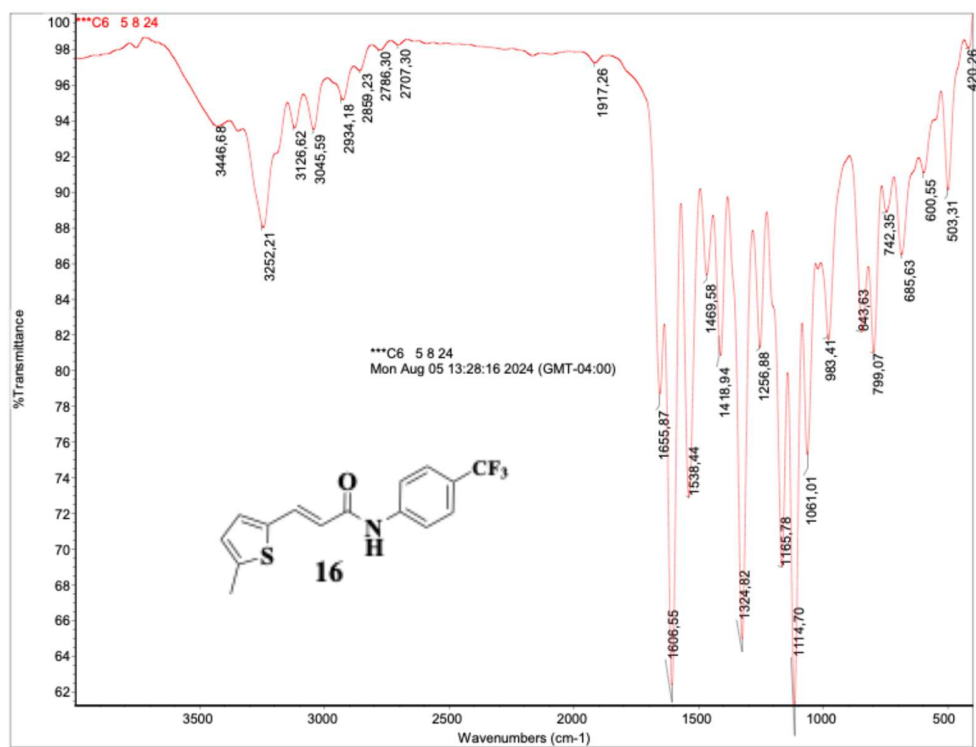
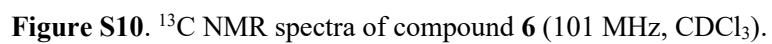
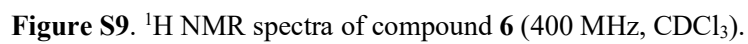


Figure S8. FTIR spectra of compound 16.

O=C(O)/C=C/c1ccccc1S

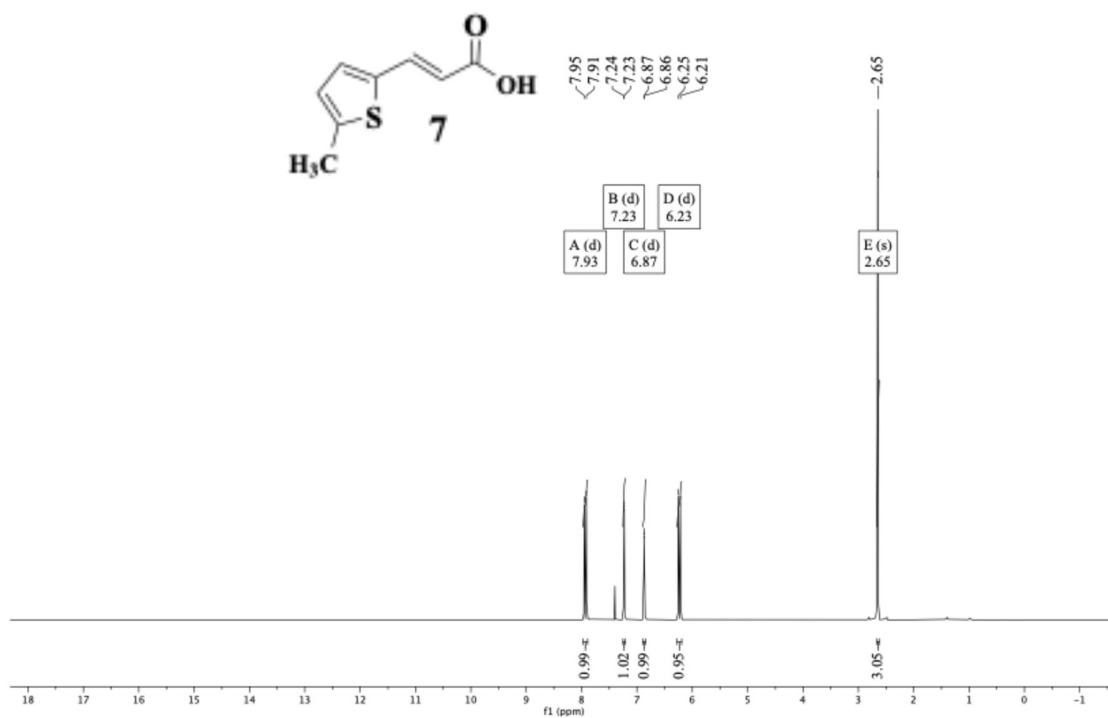


Figure S11. ¹H NMR spectra of compound **7** (400 MHz, CDCl₃).

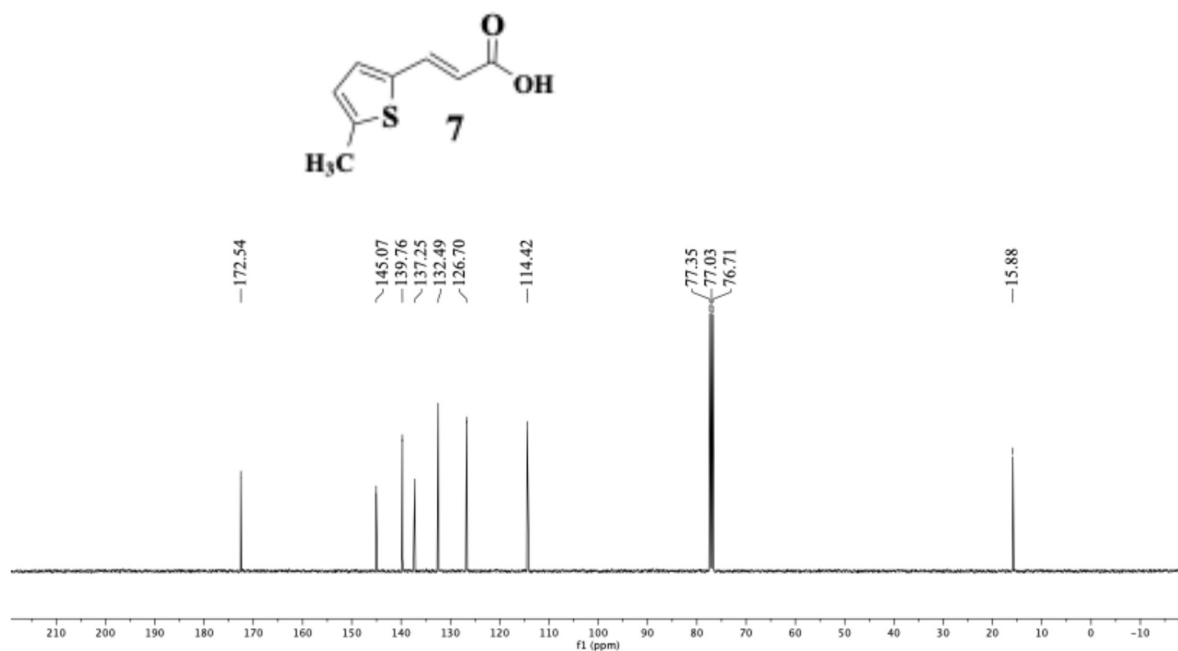


Figure S12. ¹³C NMR spectra of compound **7** (101 MHz, CDCl₃).

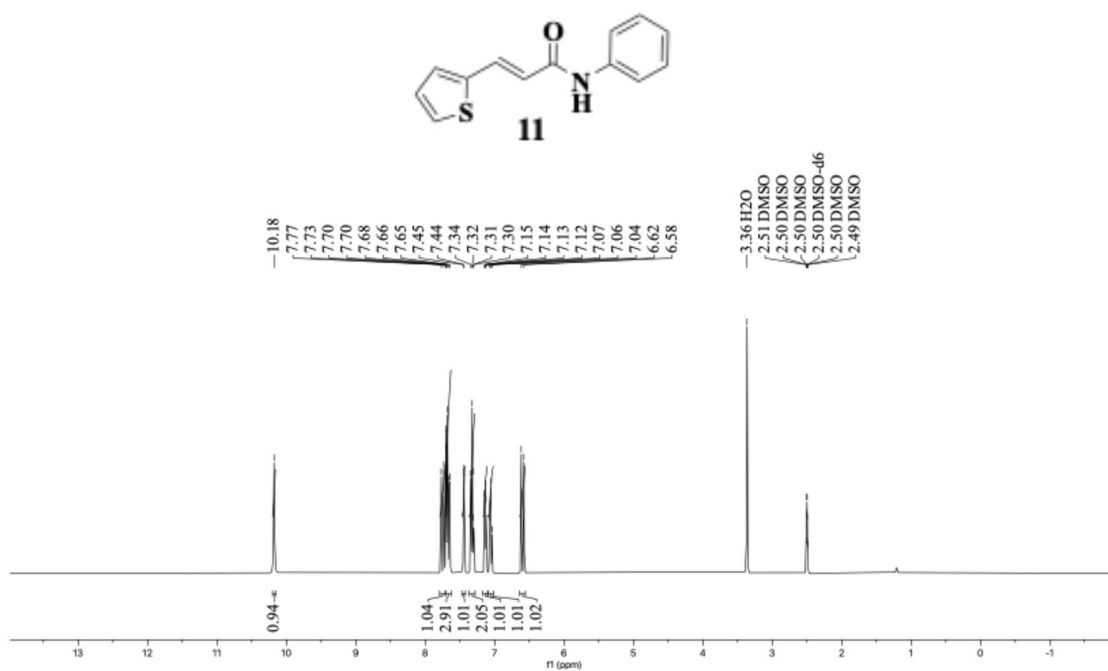


Figure S13. ^1H NMR spectra of compound **11** (400 MHz, $\text{DMSO-}d_6$).

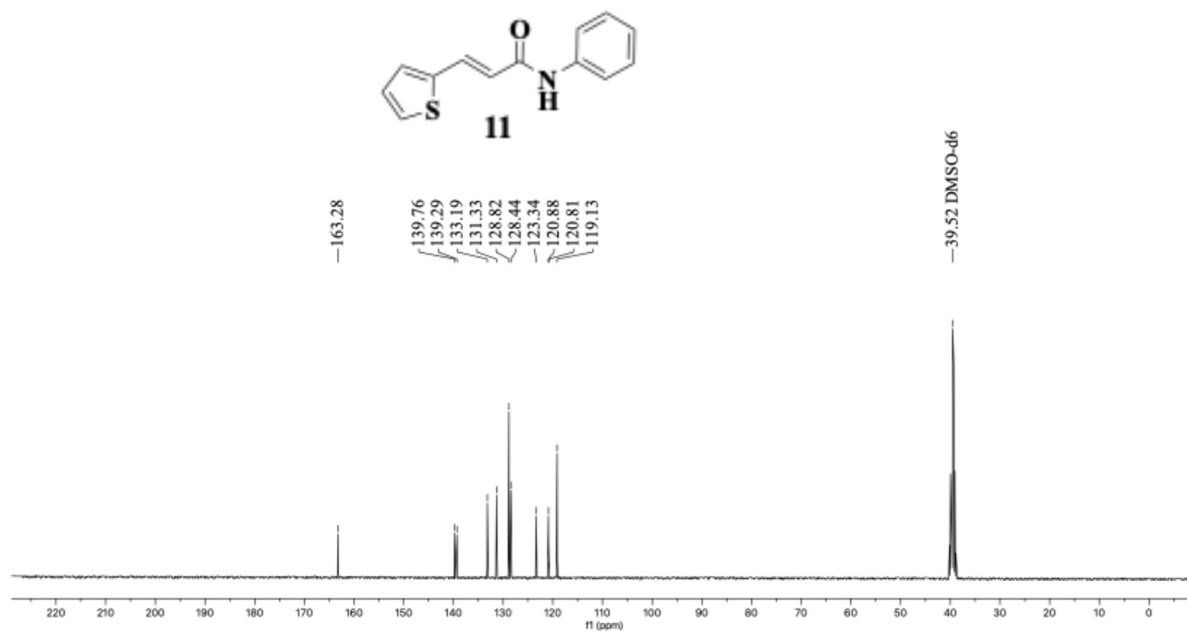


Figure S14. ^{13}C NMR spectra of compound **11** (101 MHz, $\text{DMSO-}d_6$).

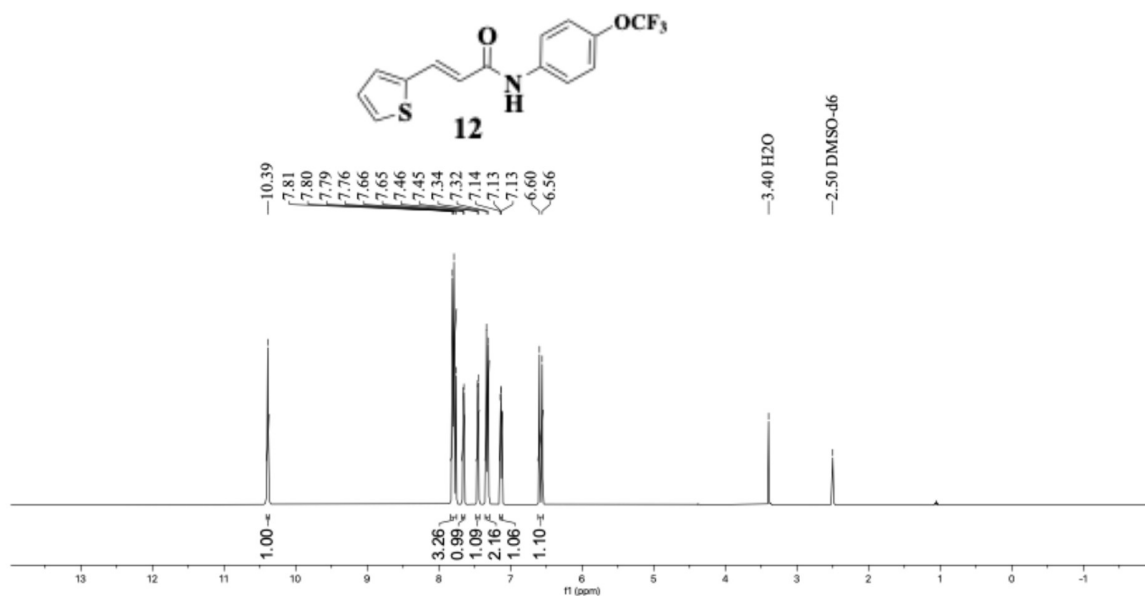


Figure S15. ¹H NMR spectra of compound **12** (400 MHz, DMSO-*d*₆).

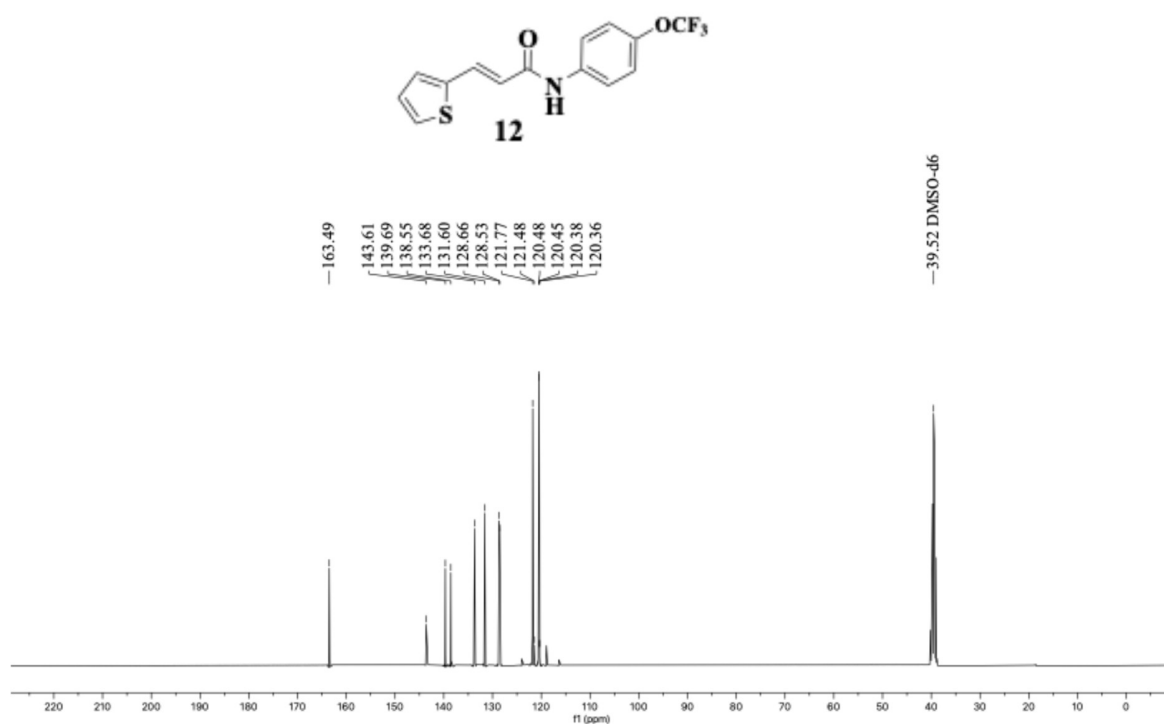


Figure S16. ¹³C NMR spectra of compound **12** (101 MHz, DMSO-*d*₆).

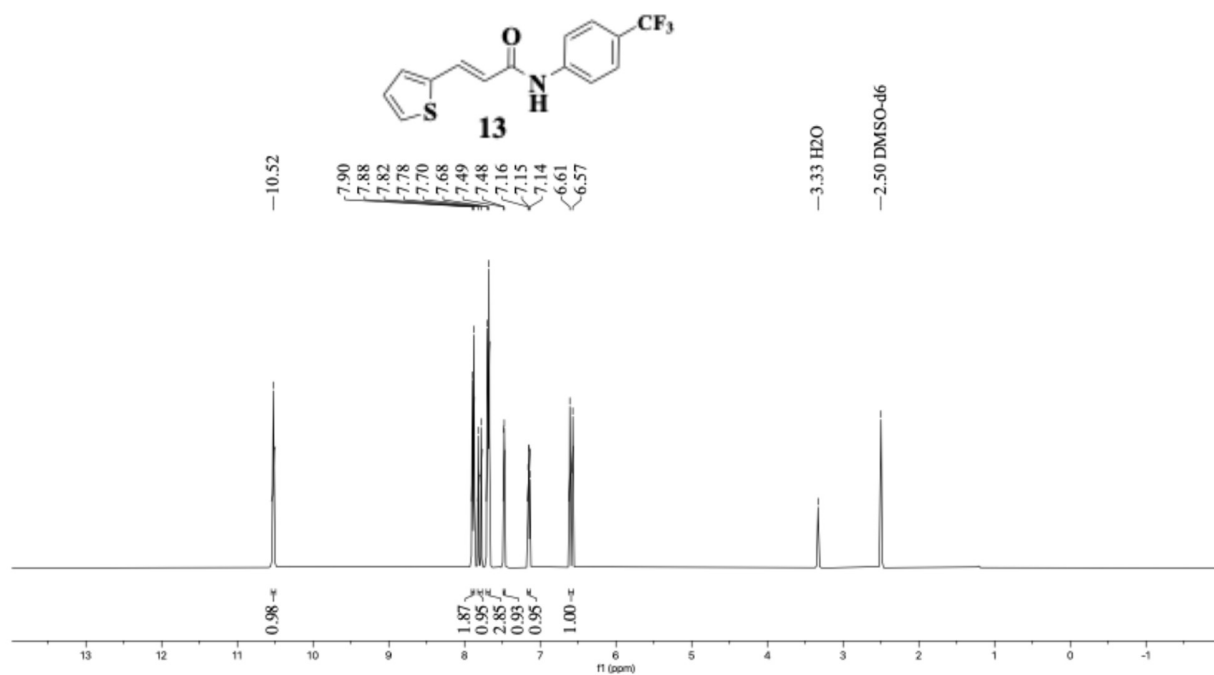


Figure S17. ¹H NMR spectra of compound **13** (400 MHz, DMSO-*d*₆).

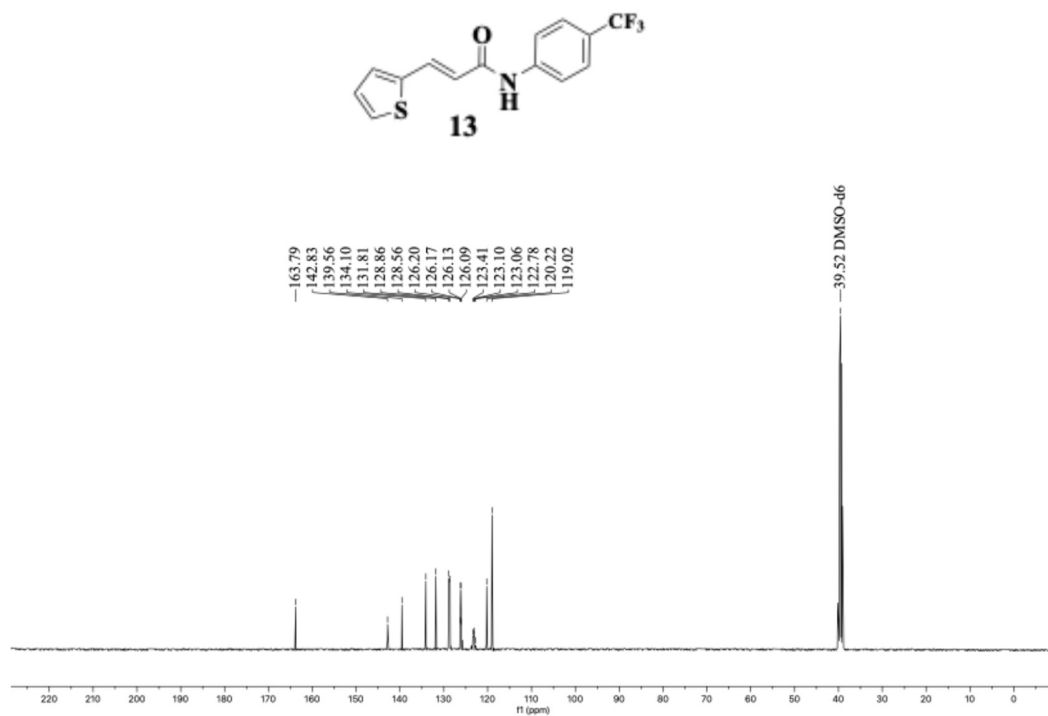


Figure S18. ¹³C NMR spectra of compound **13** (101 MHz, DMSO-*d*₆).

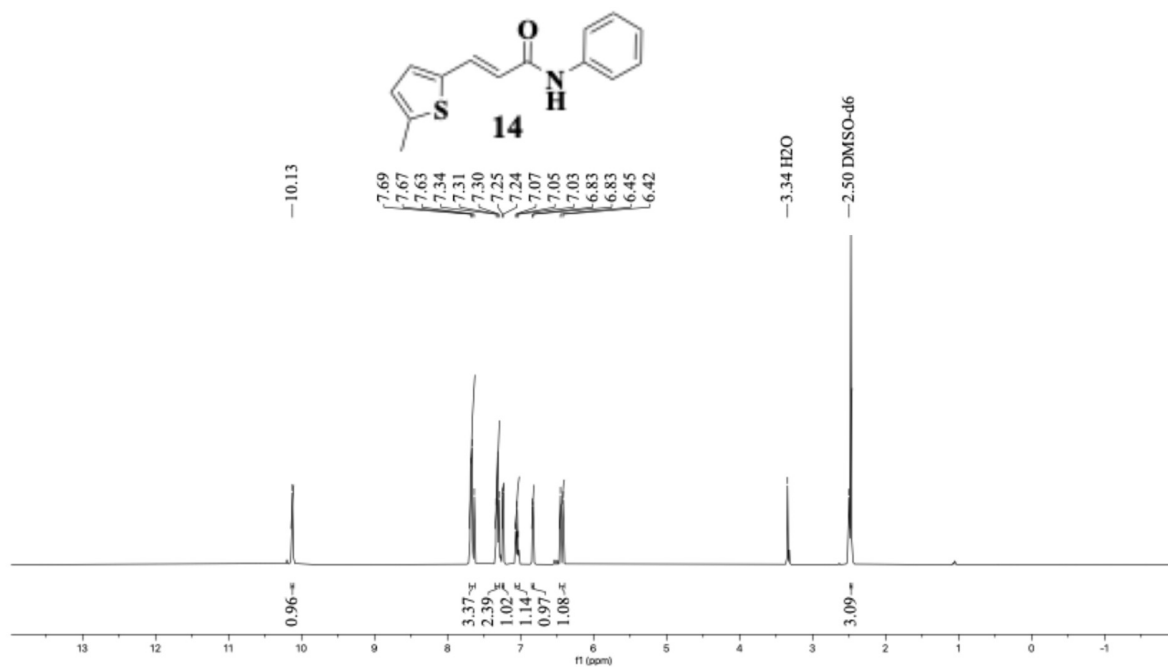


Figure S19. ¹H NMR spectra of compound **14** (400 MHz, DMSO-*d*₆).

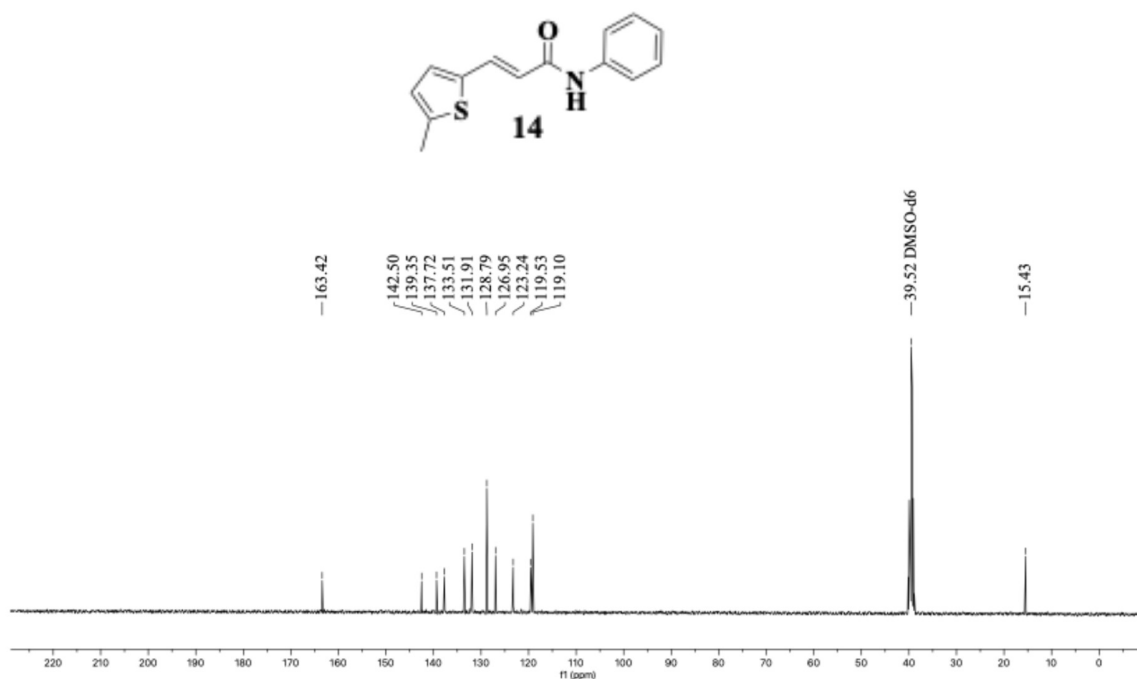


Figure S20. ¹³C NMR spectra of compound **14** (101 MHz, DMSO-*d*₆).

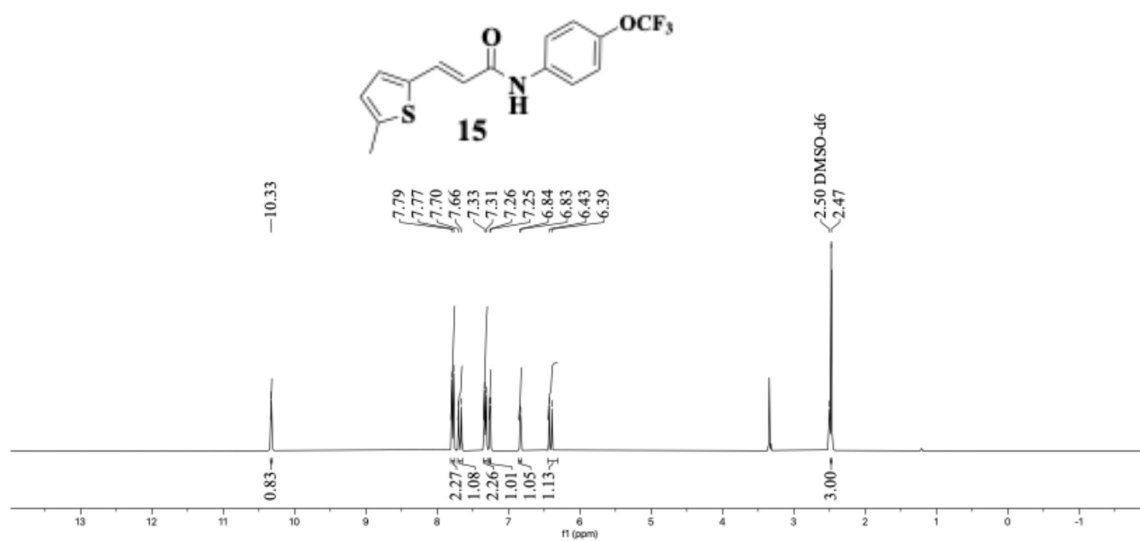


Figure S21. ¹H NMR spectra of compound **15** (400 MHz, DMSO-*d*₆).

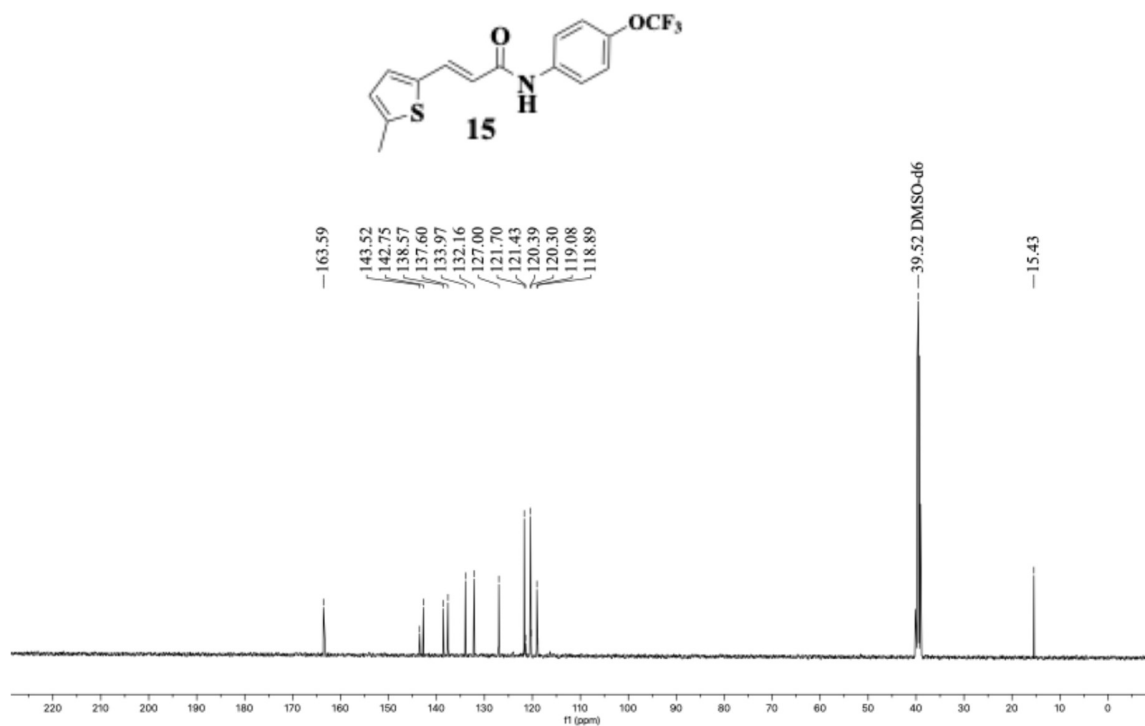


Figure S22. ¹³C NMR spectra of compound **15** (101 MHz, DMSO-*d*₆).

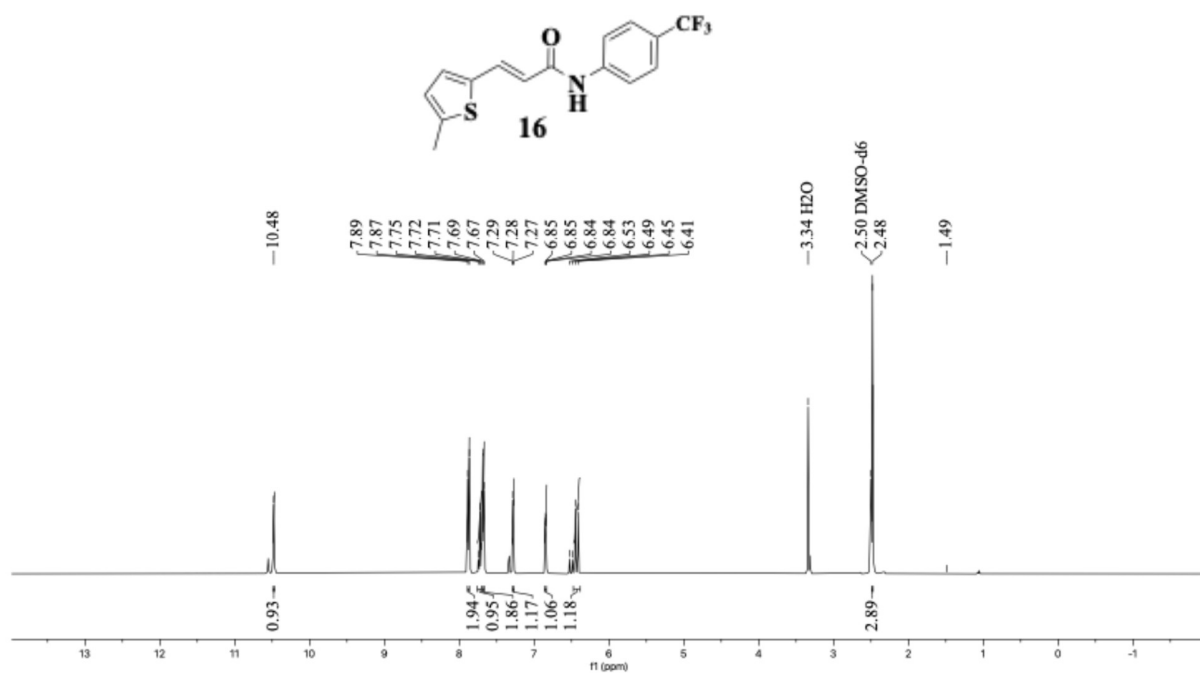


Figure S23. ^1H NMR spectra of compound **16** (400 MHz, DMSO- d_6).

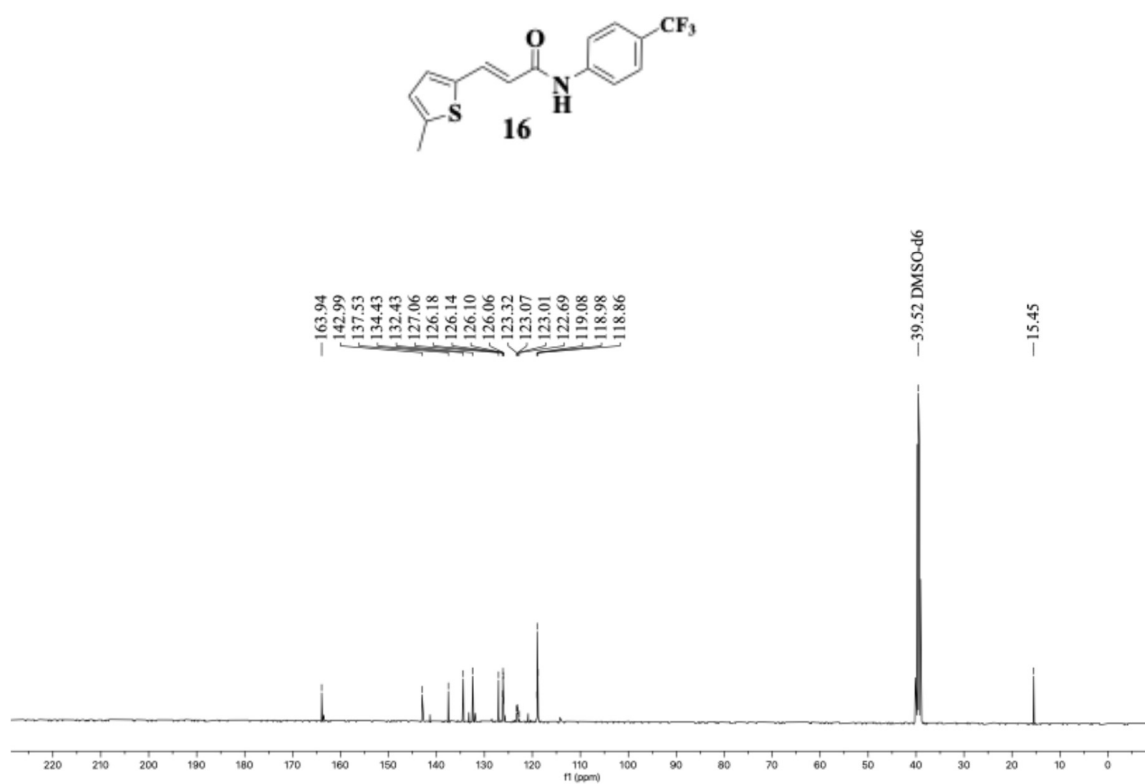


Figure S24. ^{13}C NMR spectra of compound **16** (101 MHz, DMSO- d_6).

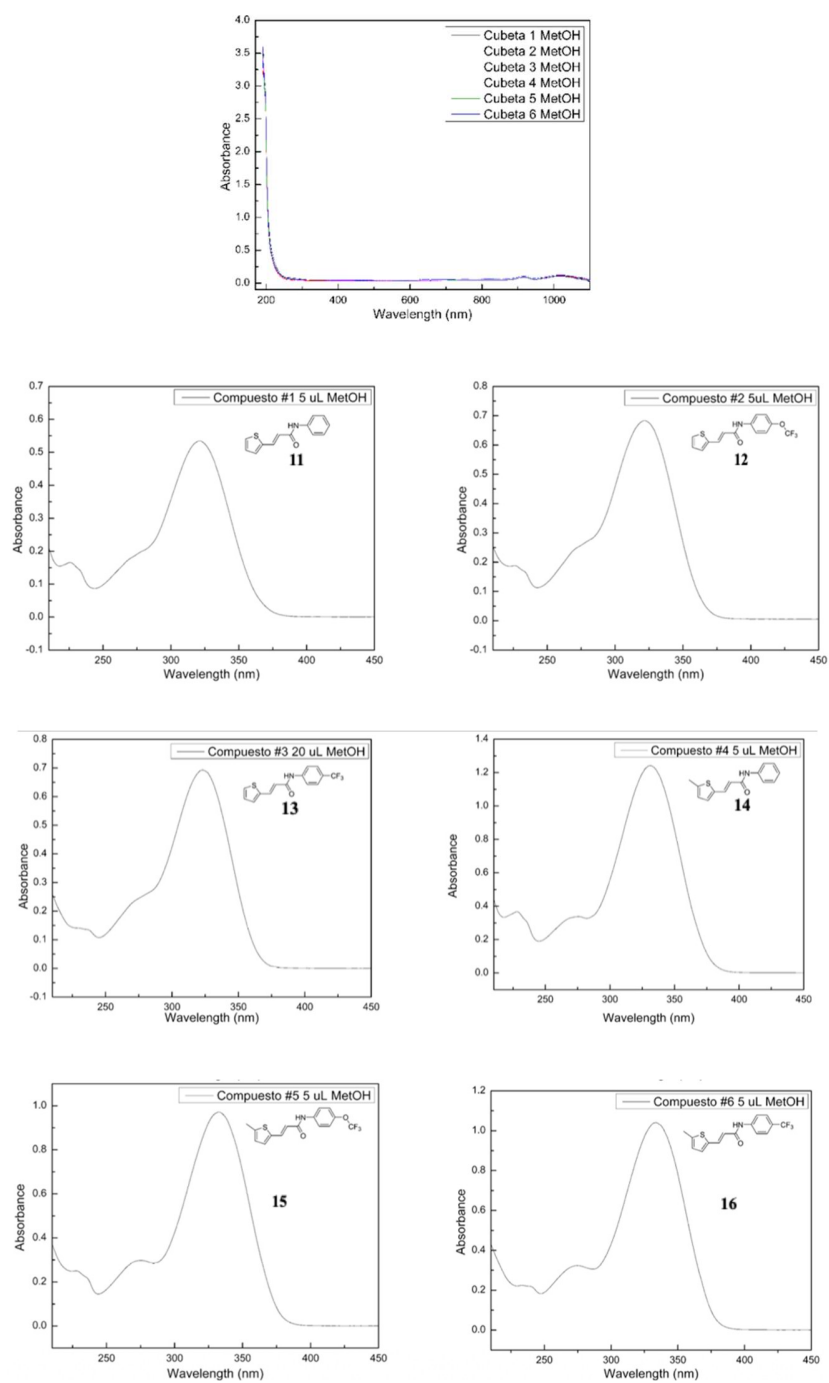


Figure S25. Absorption spectra of compounds **11-16**.

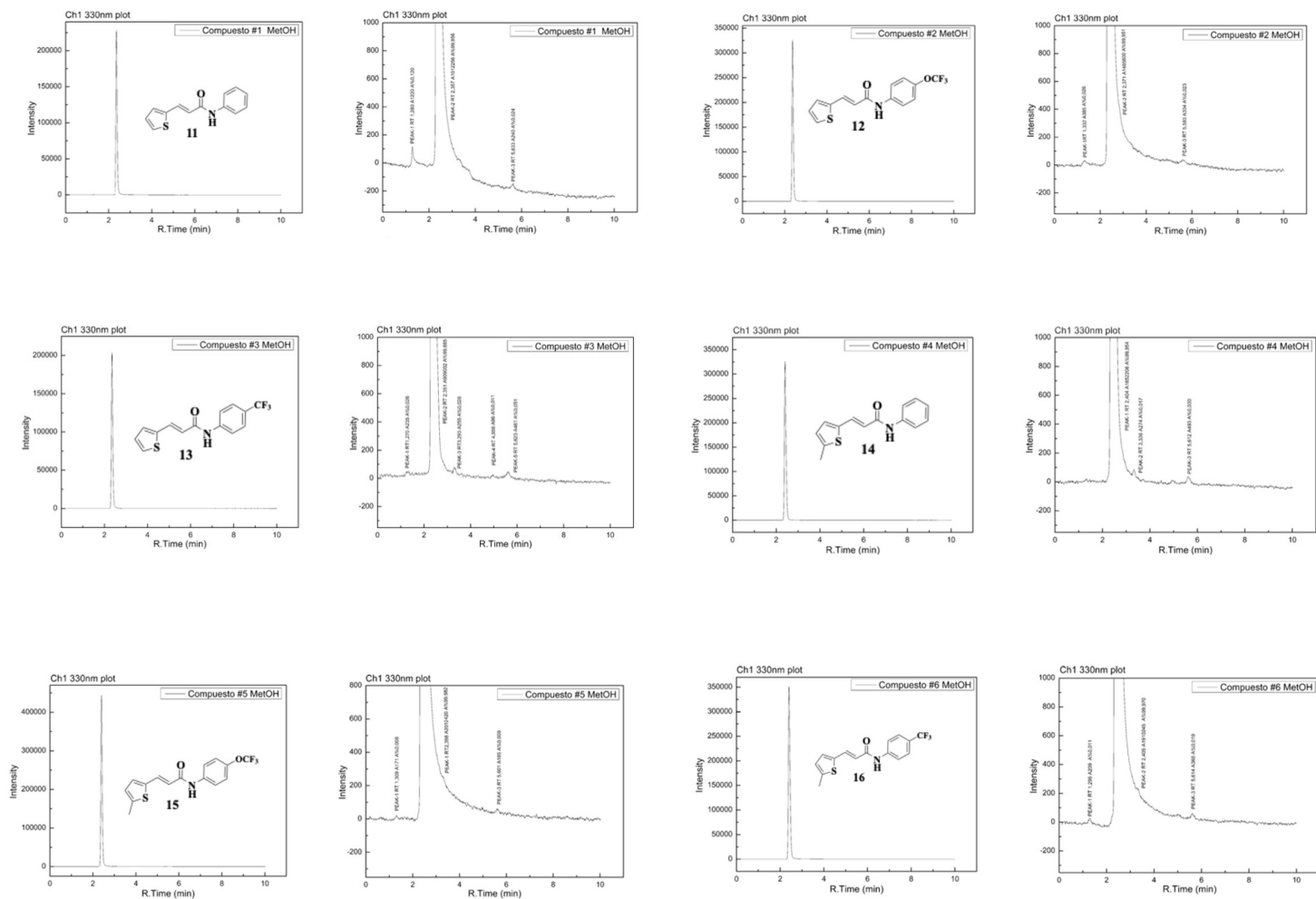


Figure S26. Chromatograms of the separation of compounds 11-16 by HPLC.

HRMS (QqTOF) SPECTRA OF COMPOUNDS

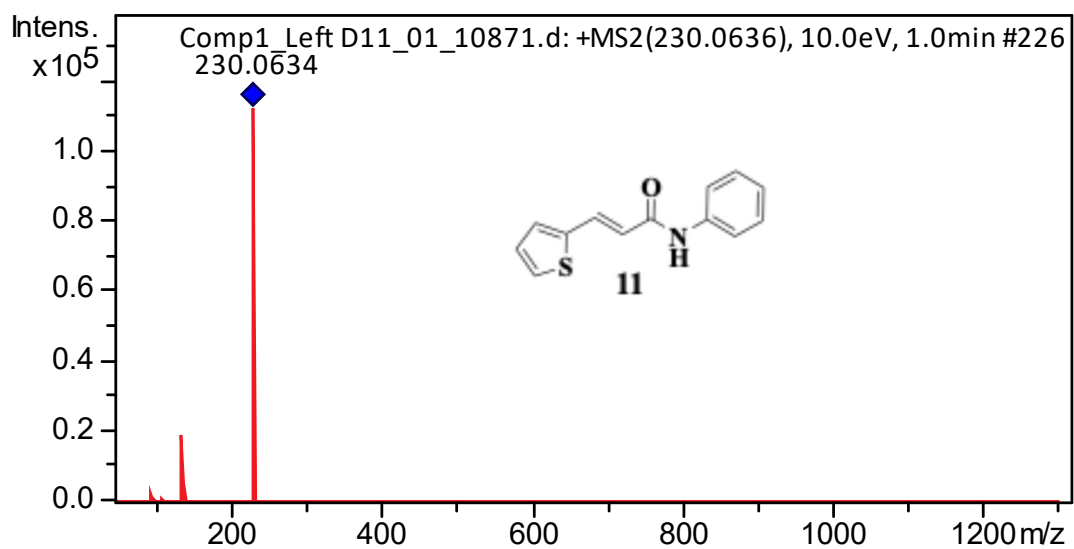


Figure S27. HRMS (QqTOF) m/z spectra **11**.

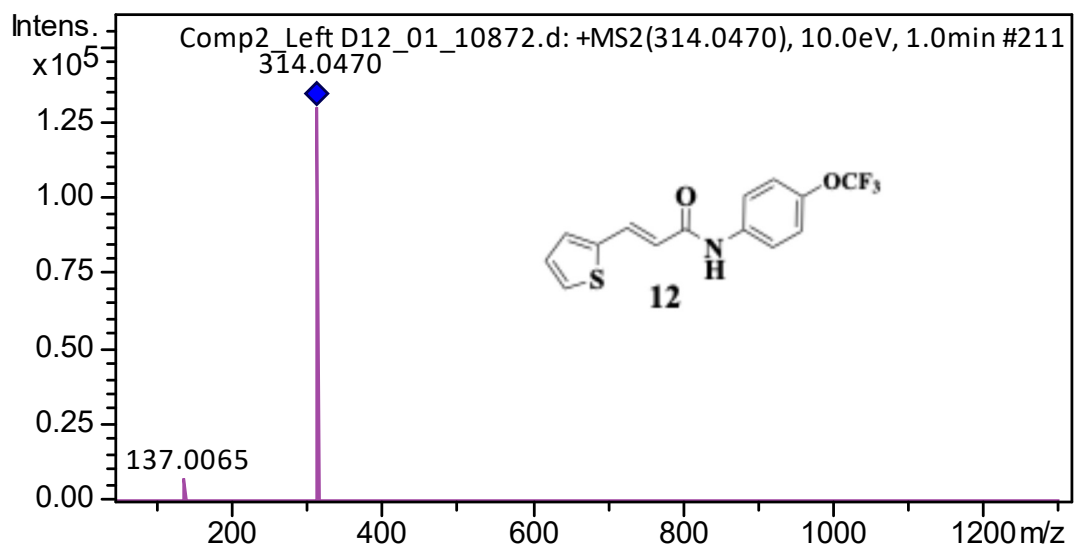


Figure S28. HRMS (QqTOF) m/z spectra **12**.

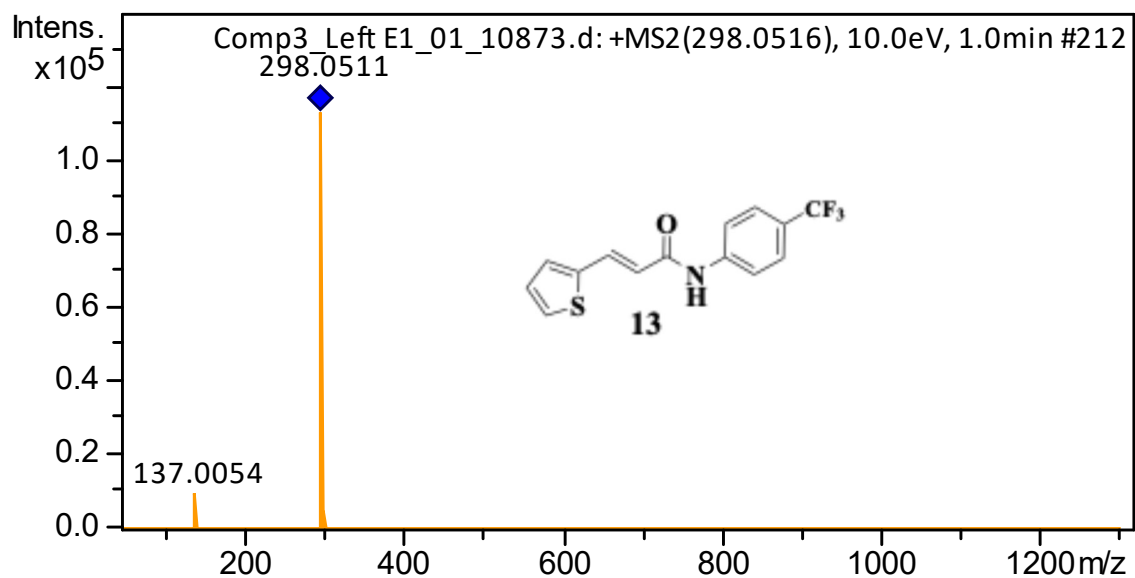


Figure S29. HRMS (QqTOF) m/z spectra **13**.

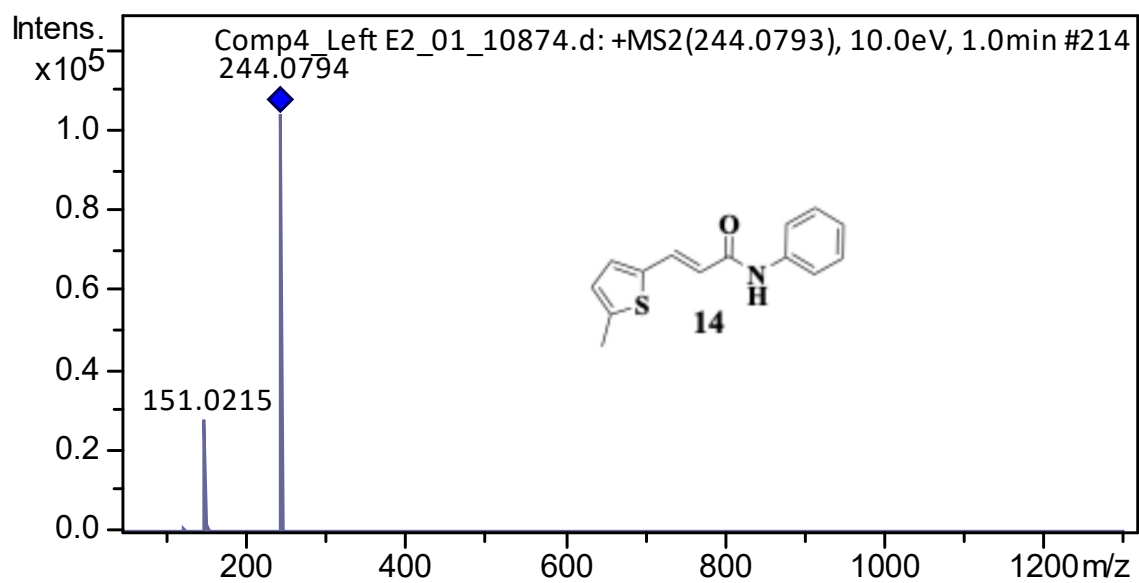


Figure S30. HRMS (QqTOF) m/z spectra **14**.

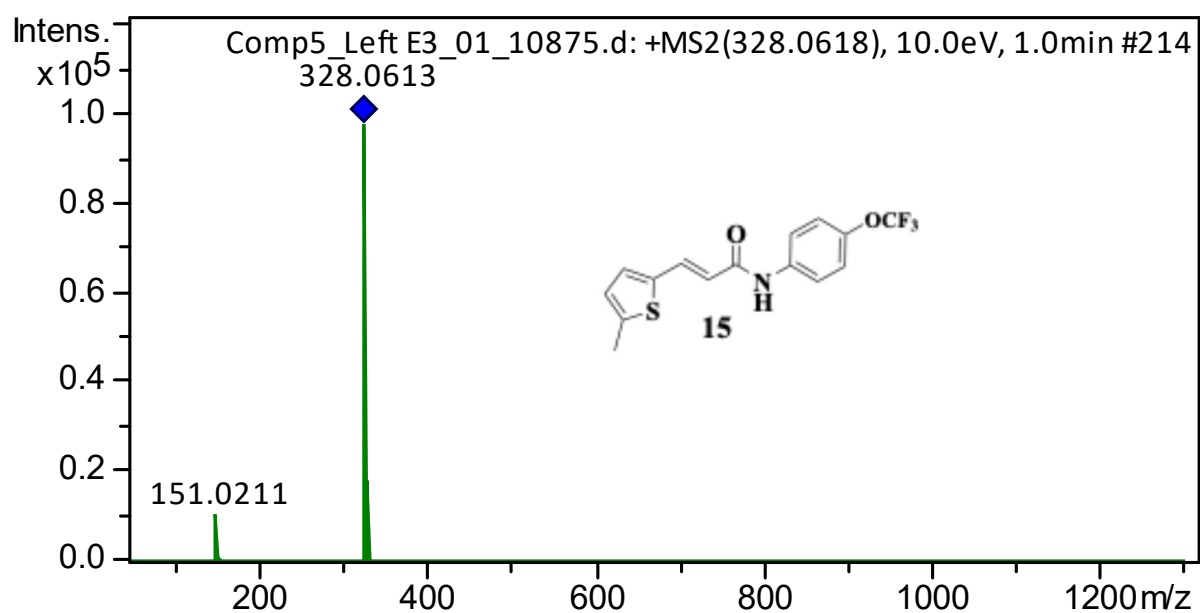


Figure S31. HRMS (QqTOF) m/z spectra **15**.

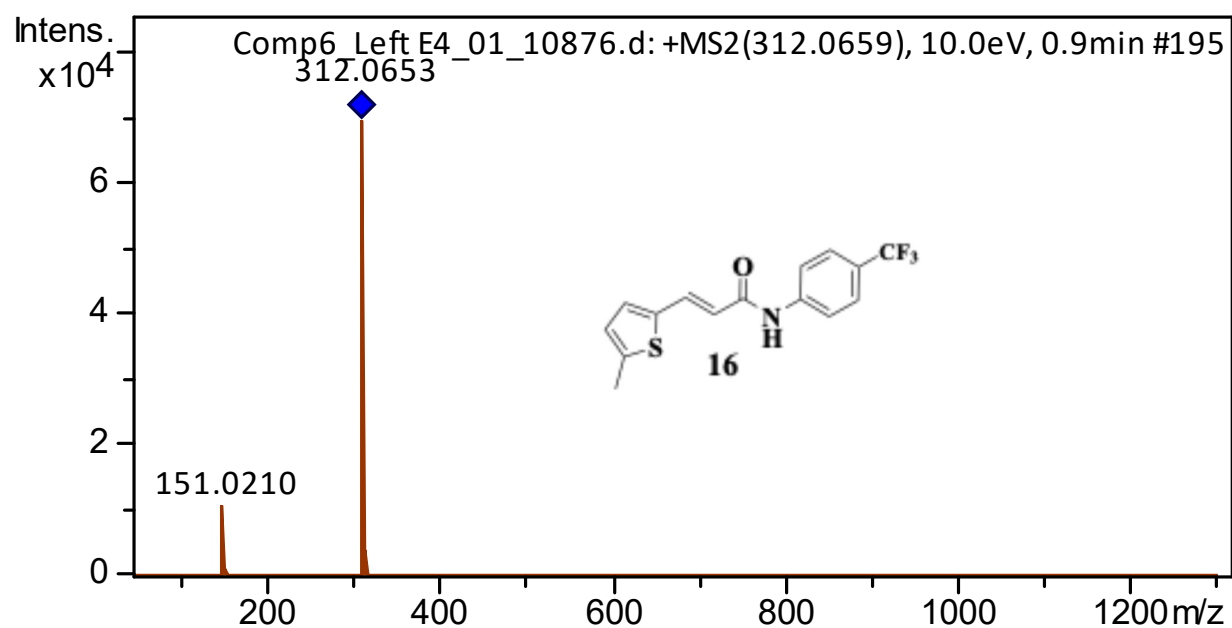


Figure S32. HRMS (QqTOF) m/z spectra **16**.