Supplementary Material

Synthesis and evaluation of marine-inspired compounds result in hybrids with antitrypanosomal and antileishmanial activities

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Figure S1. ^{1}H NMR Spectrum for Compound **4** in $CDCl_3$ (300 MHz)

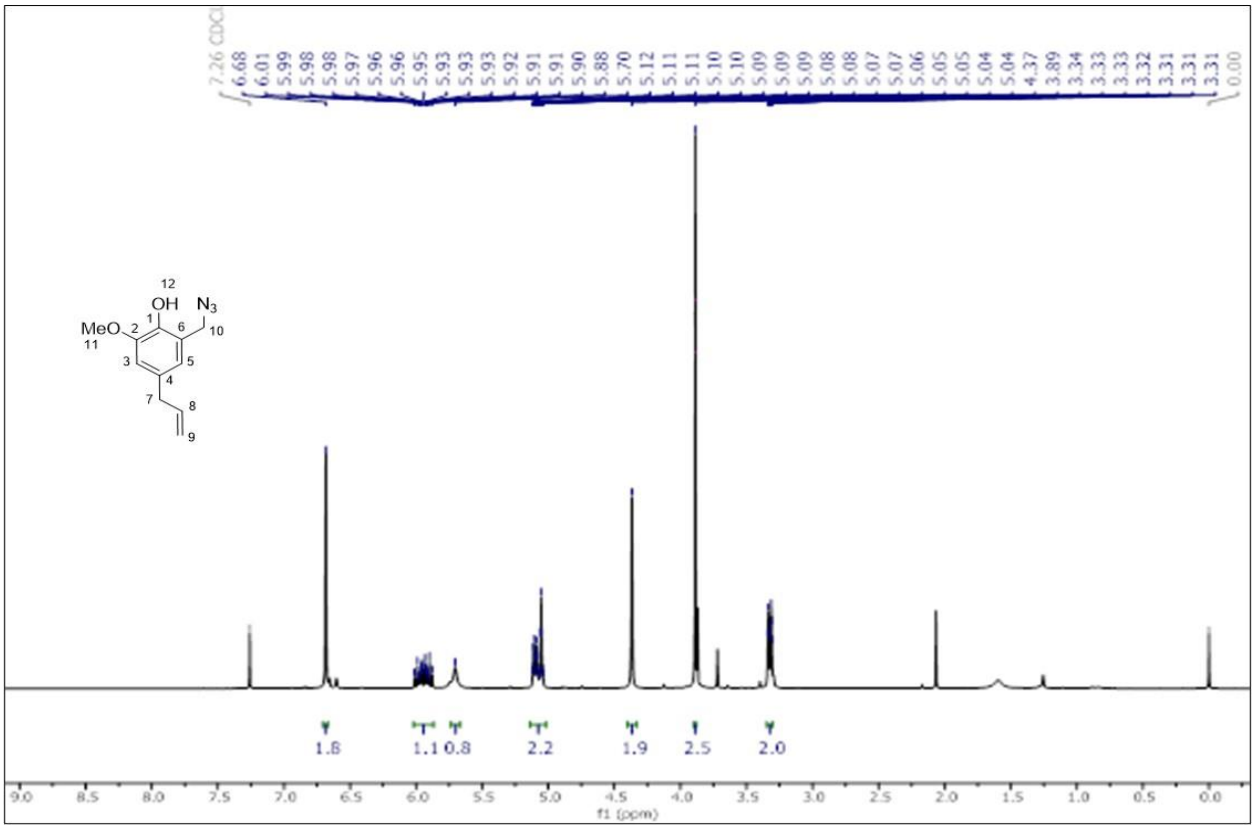

Figure S2. ^{13}C NMR Spectrum for Compound **4** in $CDCl_3$ (75 MHz)

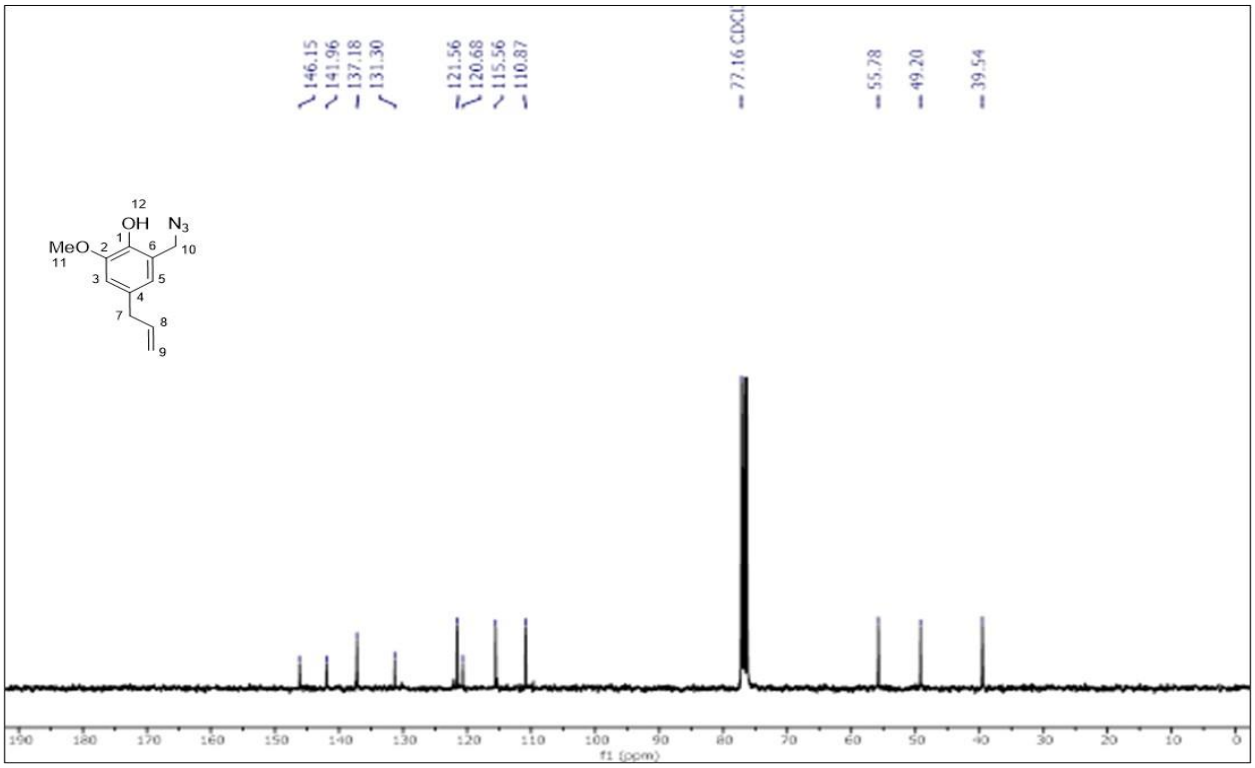

Figure S3. ^{1}H NMR Spectrum for Compound **6a** in DMSO-d_6 (400 MHz)

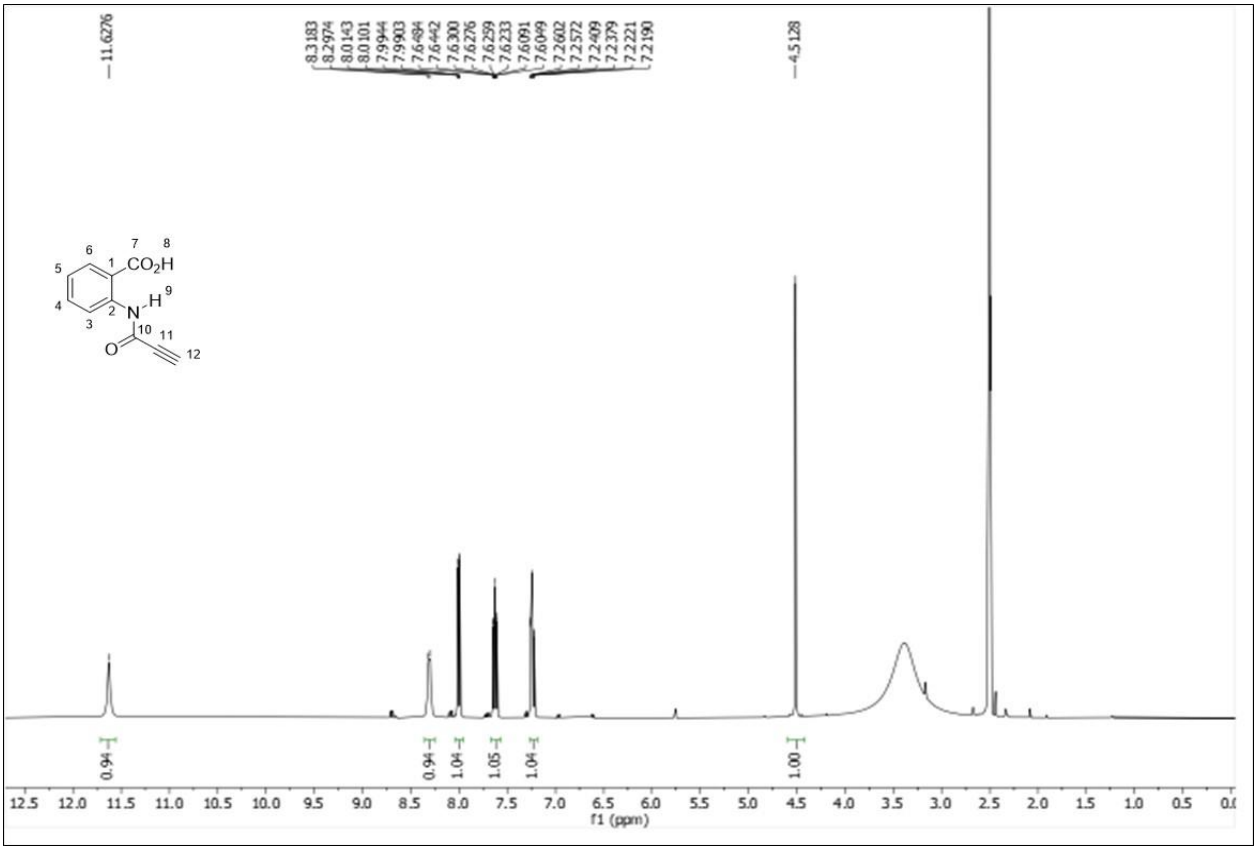

Figure S4. ^{13}C NMR Spectrum for Compound **6a** in DMSO-d_6 (100 MHz)

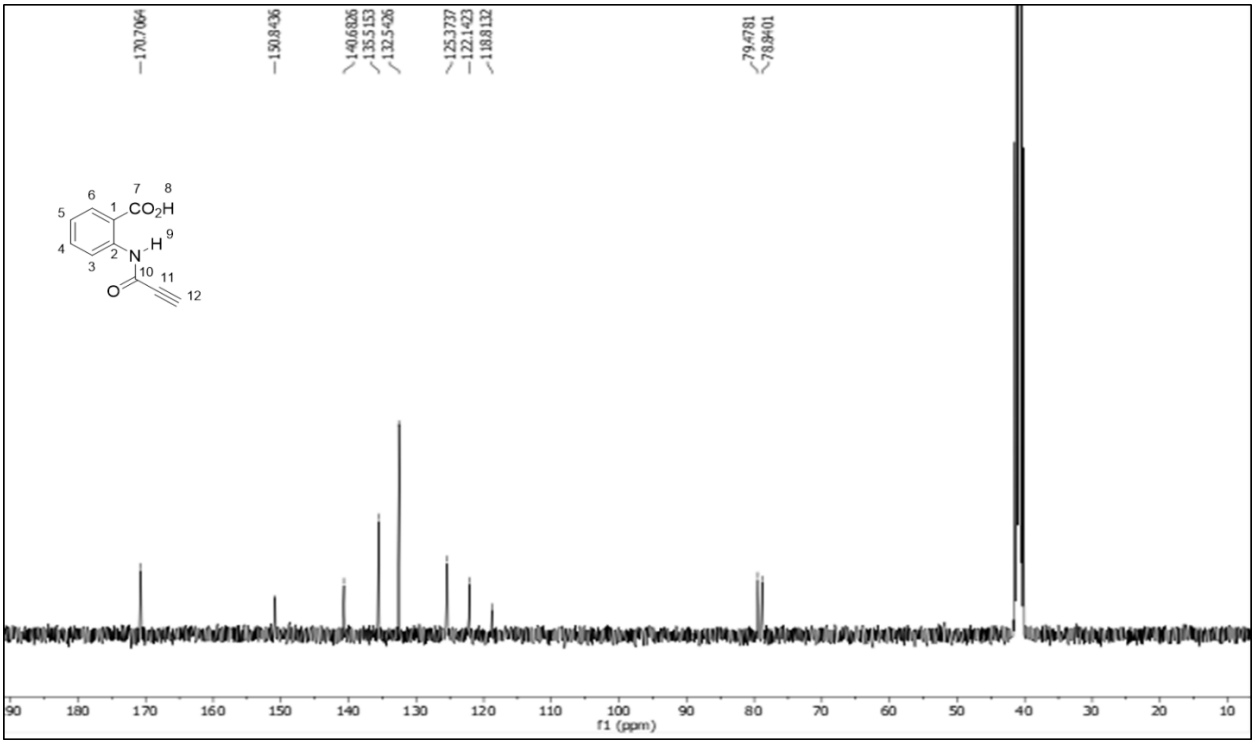

Figure S5. ^{1}H NMR Spectrum for Compound **7a** in DMSO-d_6 (400 MHz)

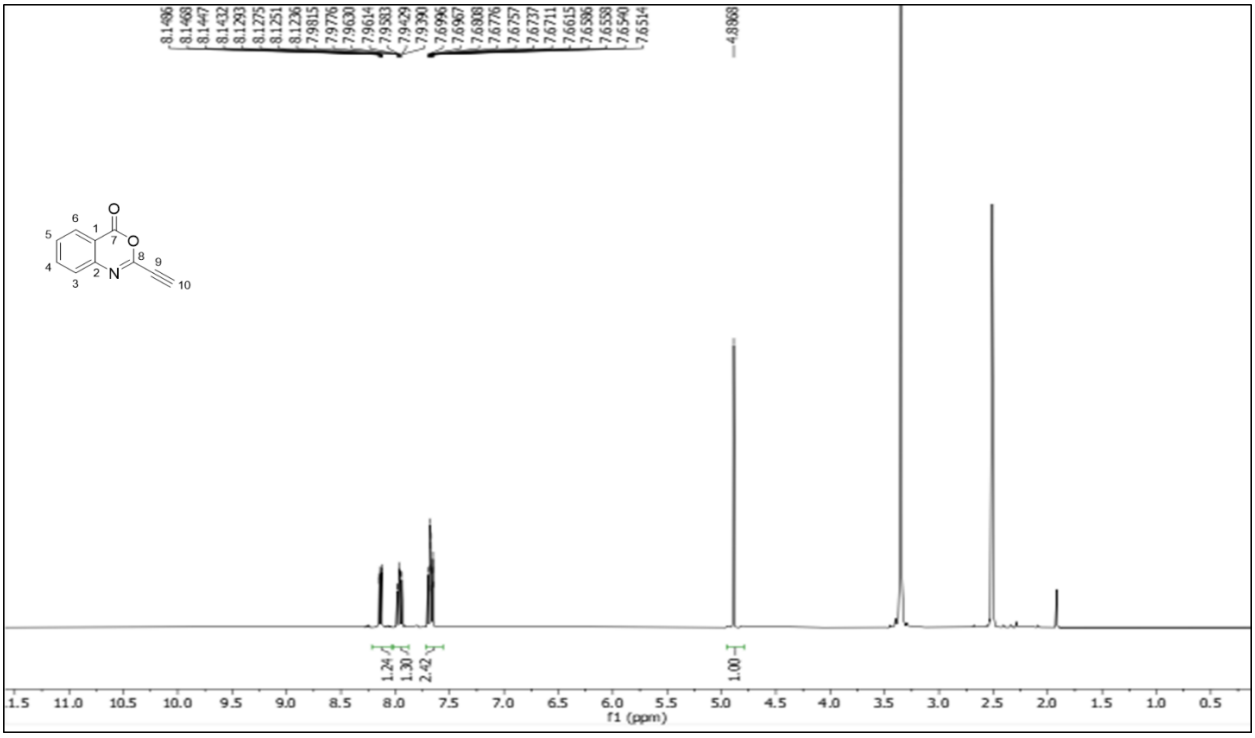

Figure S6. ^{13}C NMR Spectrum for Compound **7a** in DMSO-d_6 (100 MHz)

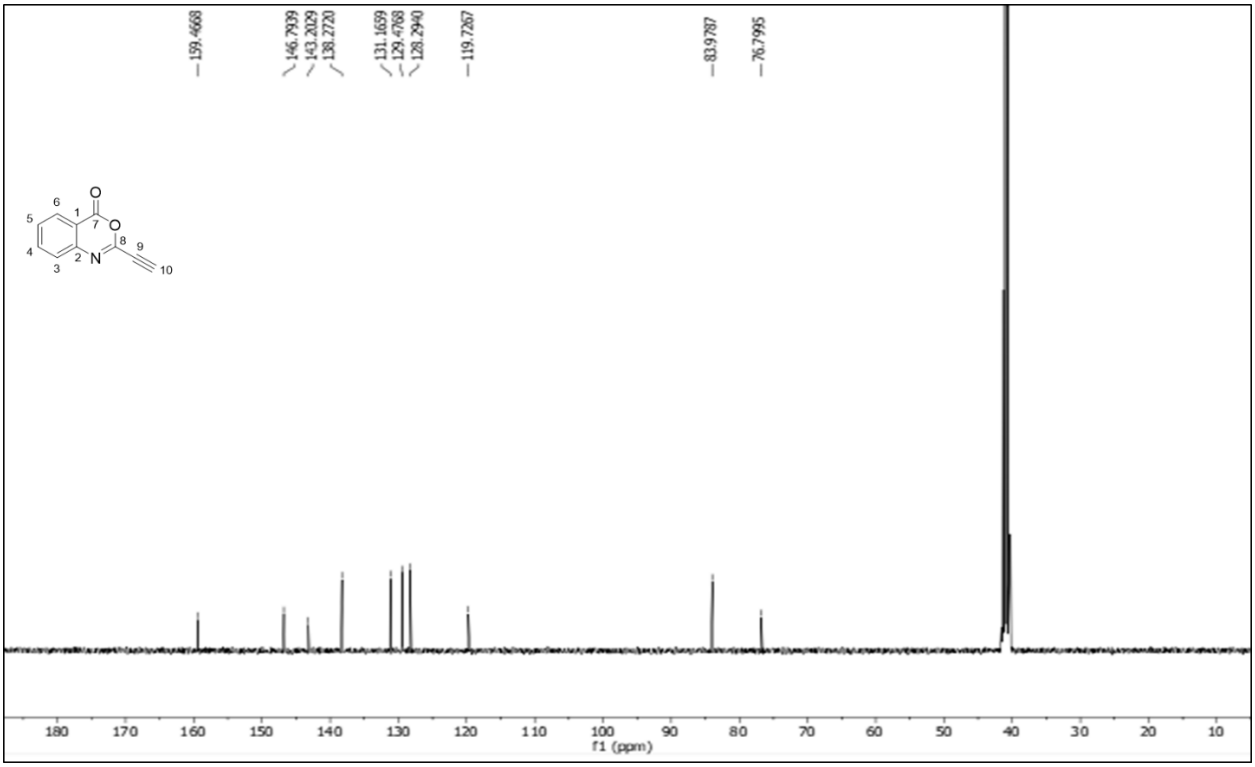

Figure S7. ^{1}H NMR Spectrum for Compound **9a** in DMSO-d_6 (400 MHz)

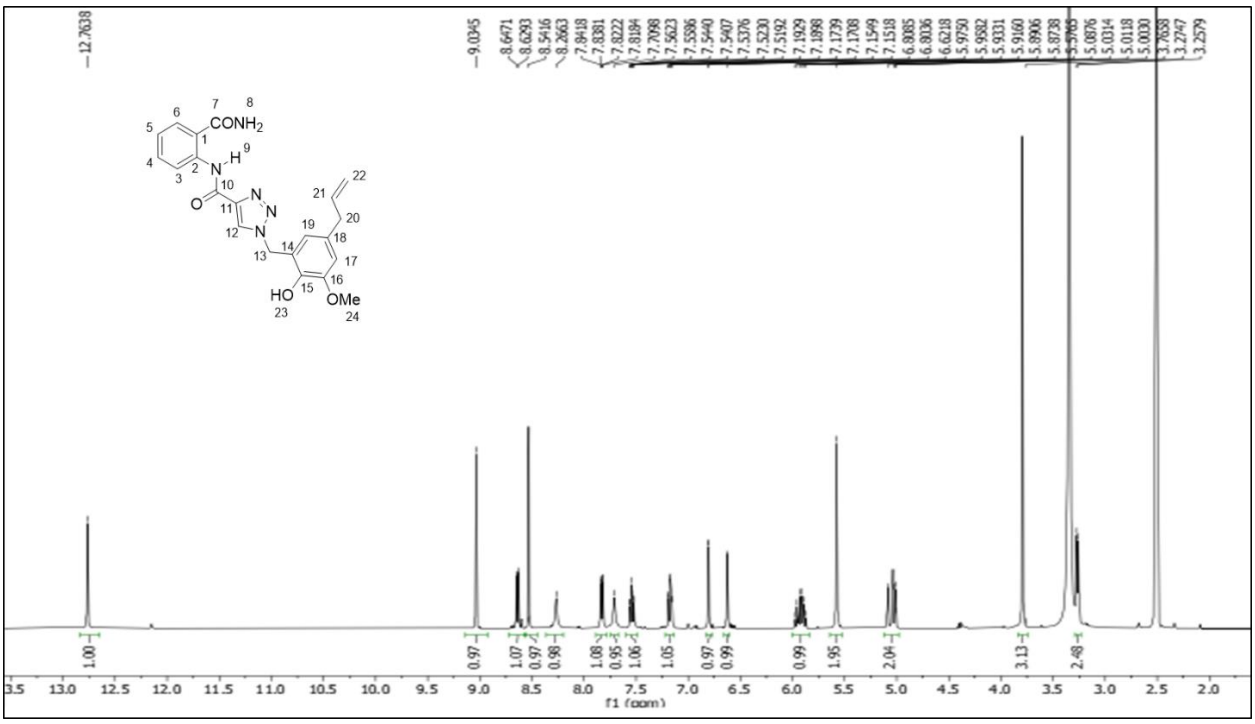

Figure S8. ^{13}C NMR Spectrum for Compound **9a** in DMSO-d_6 (100 MHz)

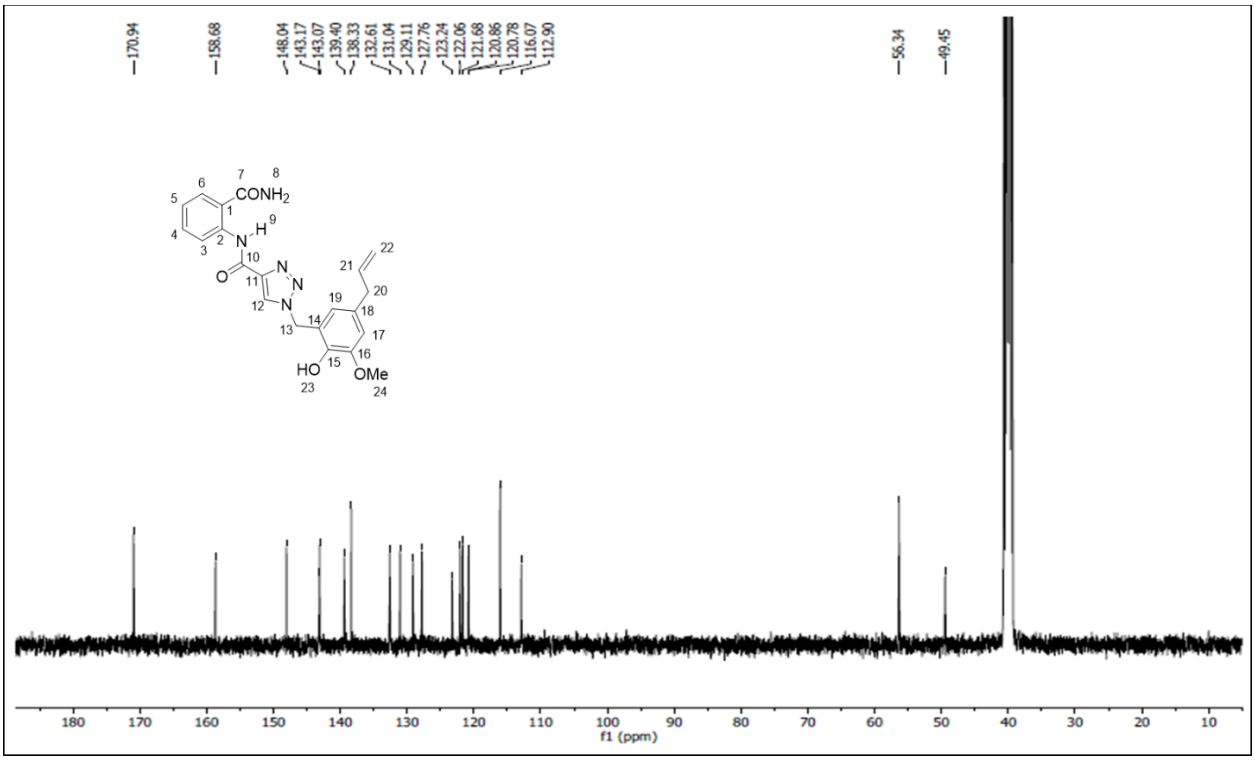

Figure S9. DEPT-135 Subspectrum for Compound **9a** in DMSO-d_6 (100 MHz)

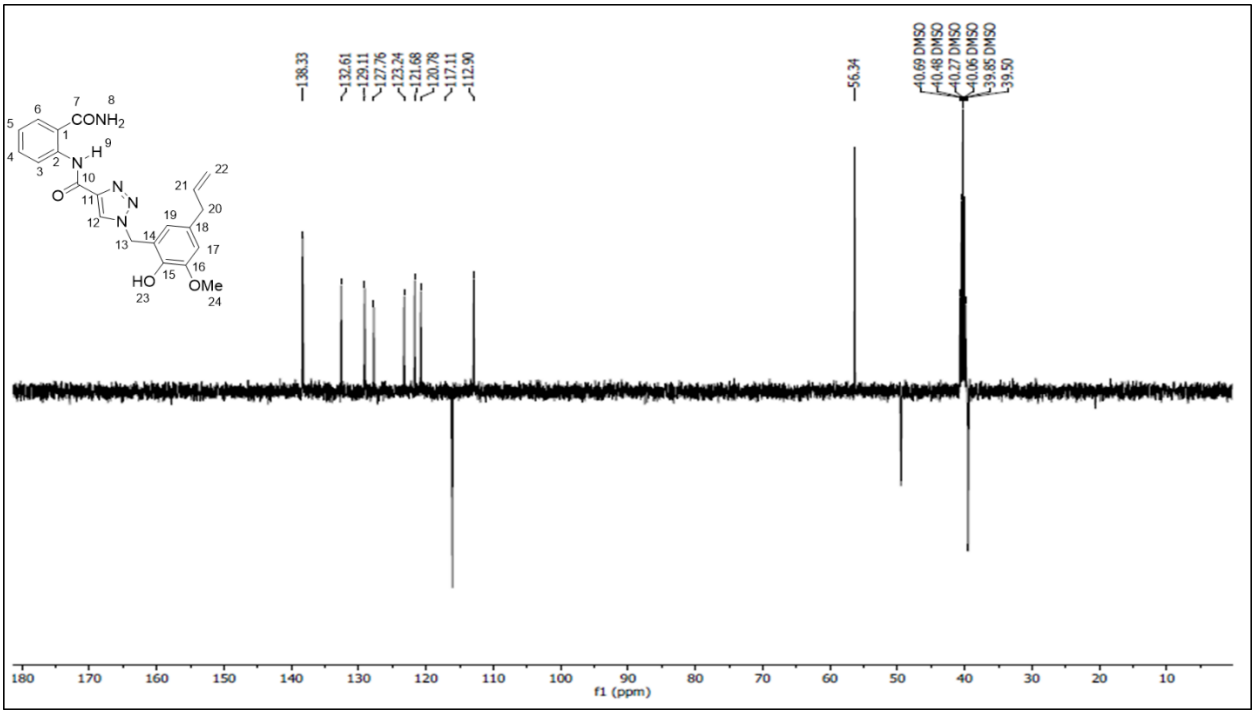

Figure S10. ESI-HRMS Spectrum for Compound **9a**

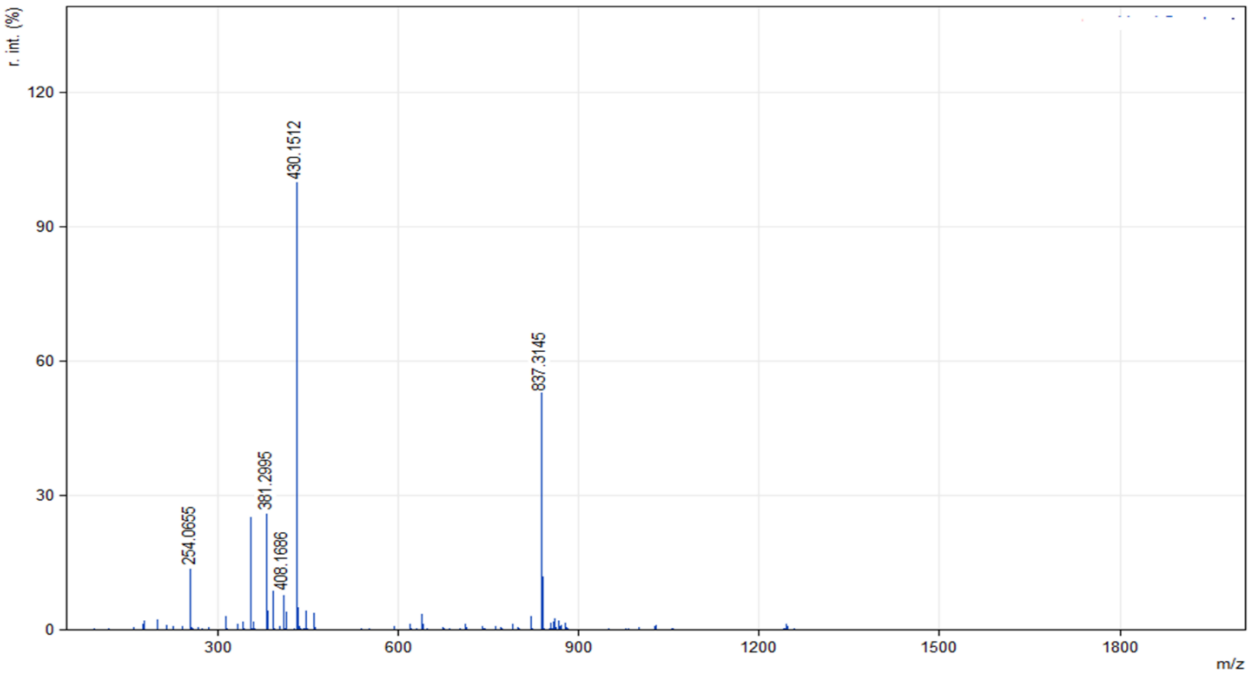

Figure S11. ^{1}H NMR Spectrum for Compound **9b** in DMSO-d_6 (400 MHz)

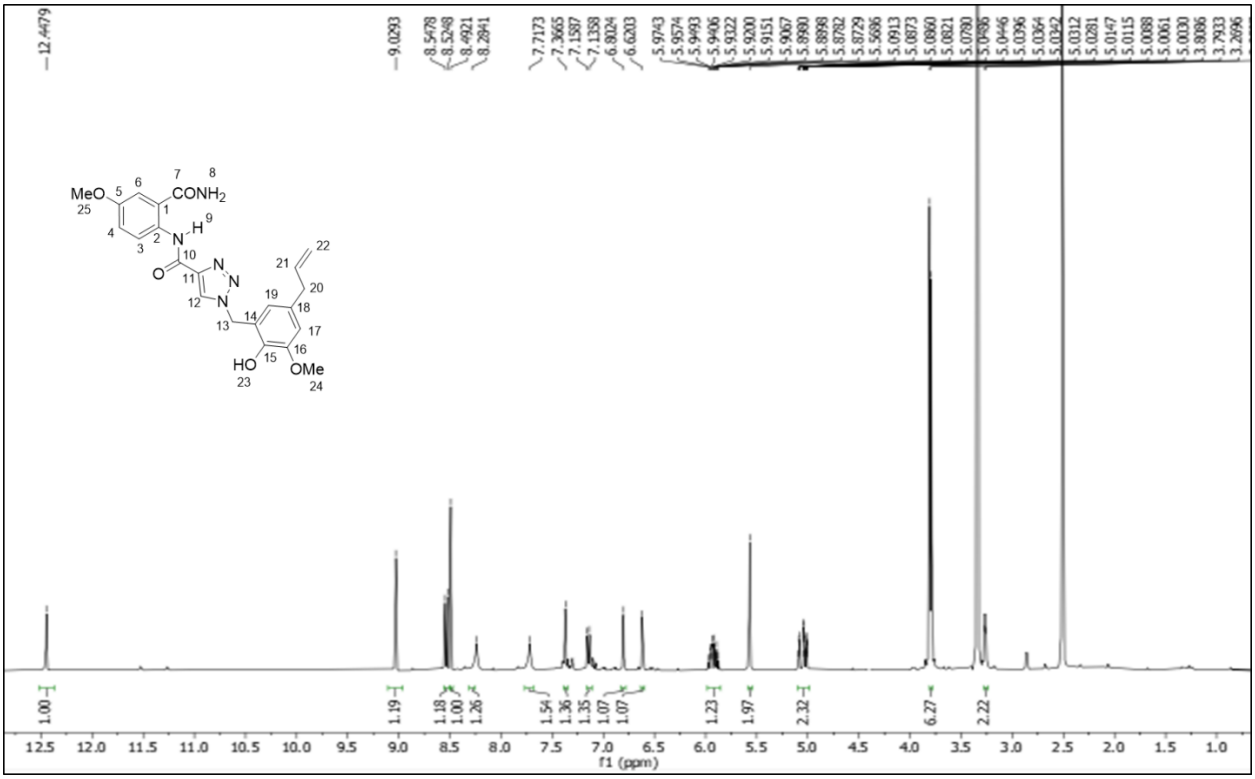

Figure S12. ^{13}C NMR Spectrum for Compound **9b** in DMSO-d_6 (100 MHz)

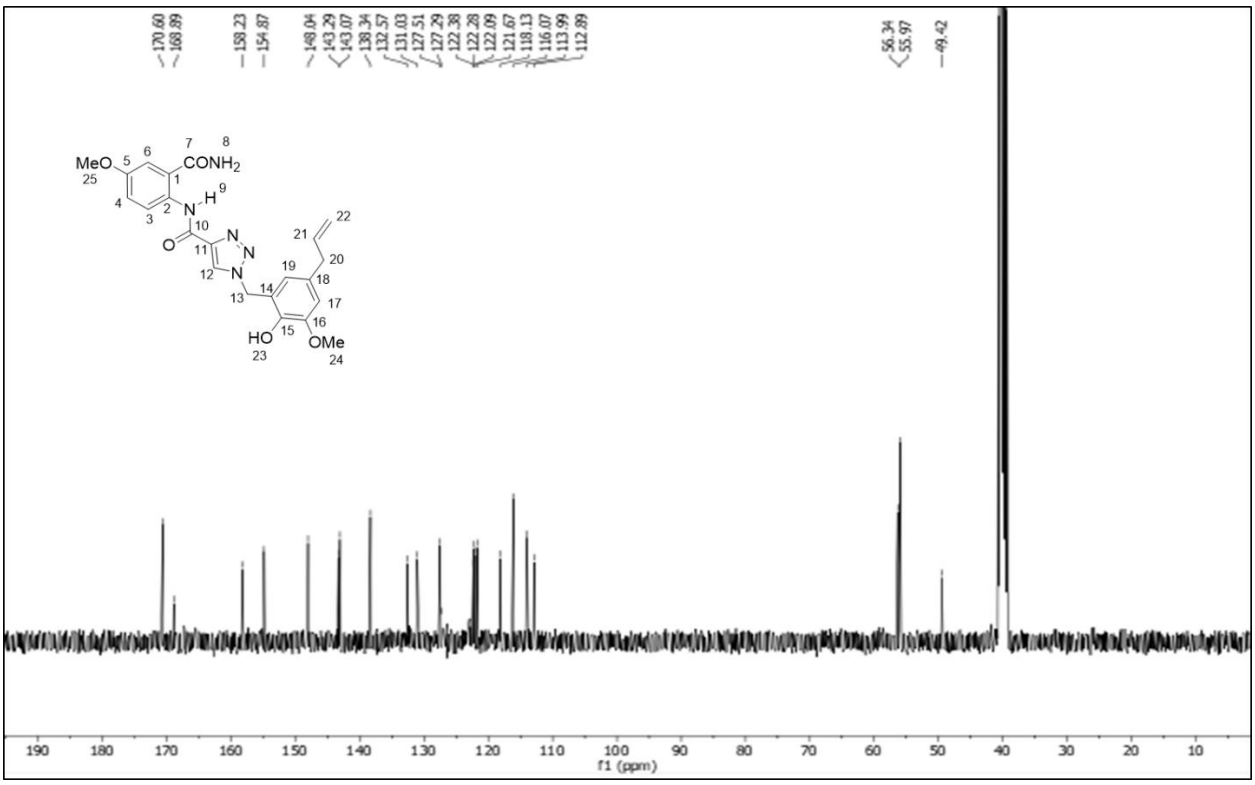

Figure S13. DEPT-135 Subspectrum for Compound **9b** in DMSO-d_6 (100 MHz)

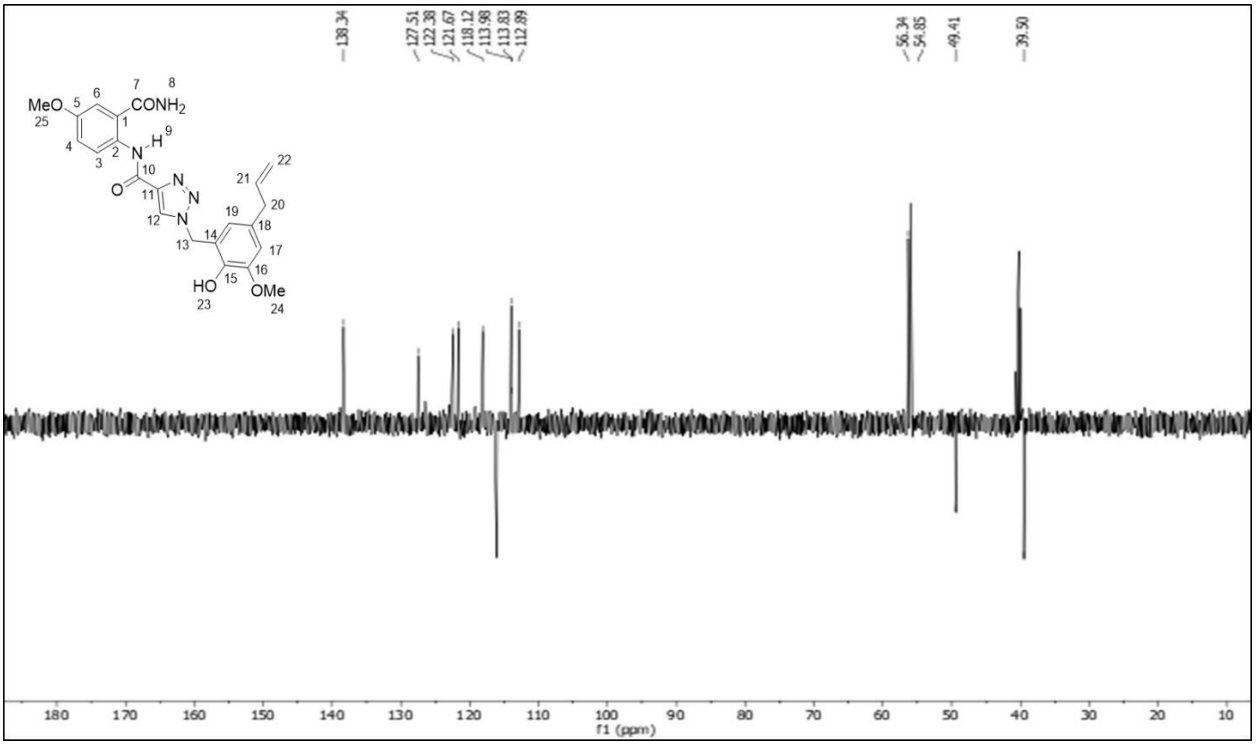

Figure S14. ESI-HRMS Spectrum for Compound **9b**

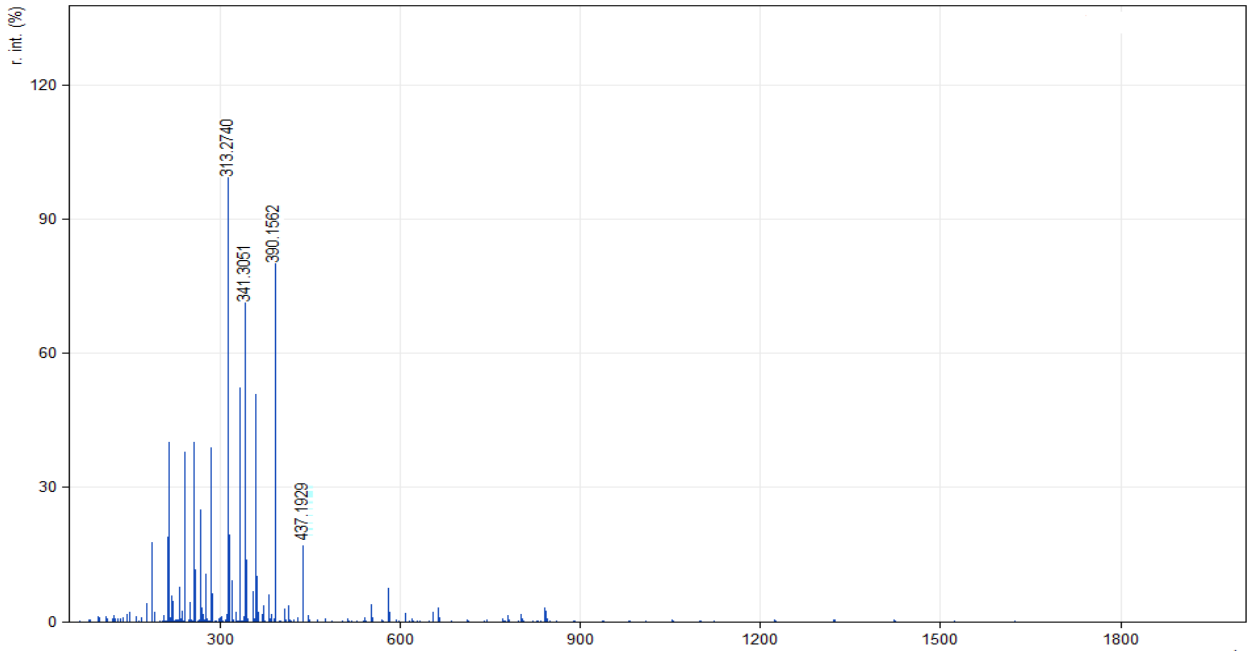

Figure S15. ^{1}H NMR Spectrum for Compound **9c** in DMSO-d_6 (400 MHz)

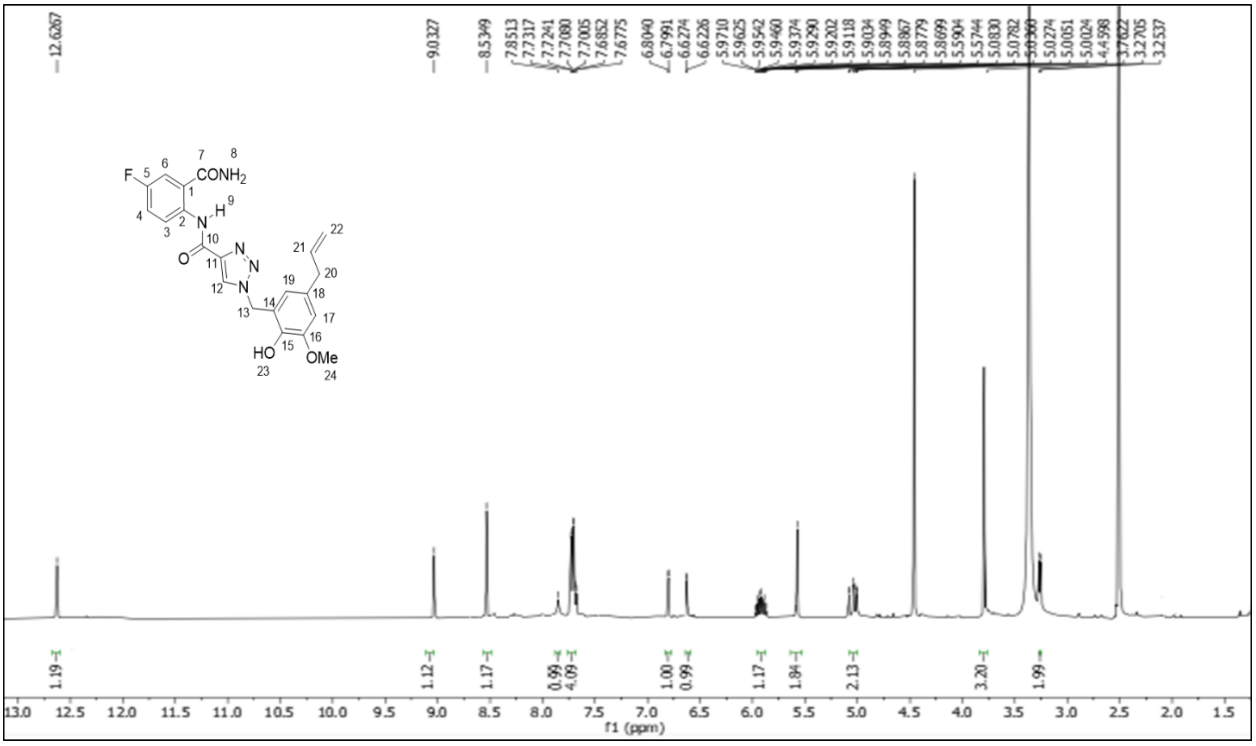

Figure S16. ^{13}C NMR Spectrum for Compound **9c** in DMSO-d_6 (100 MHz)

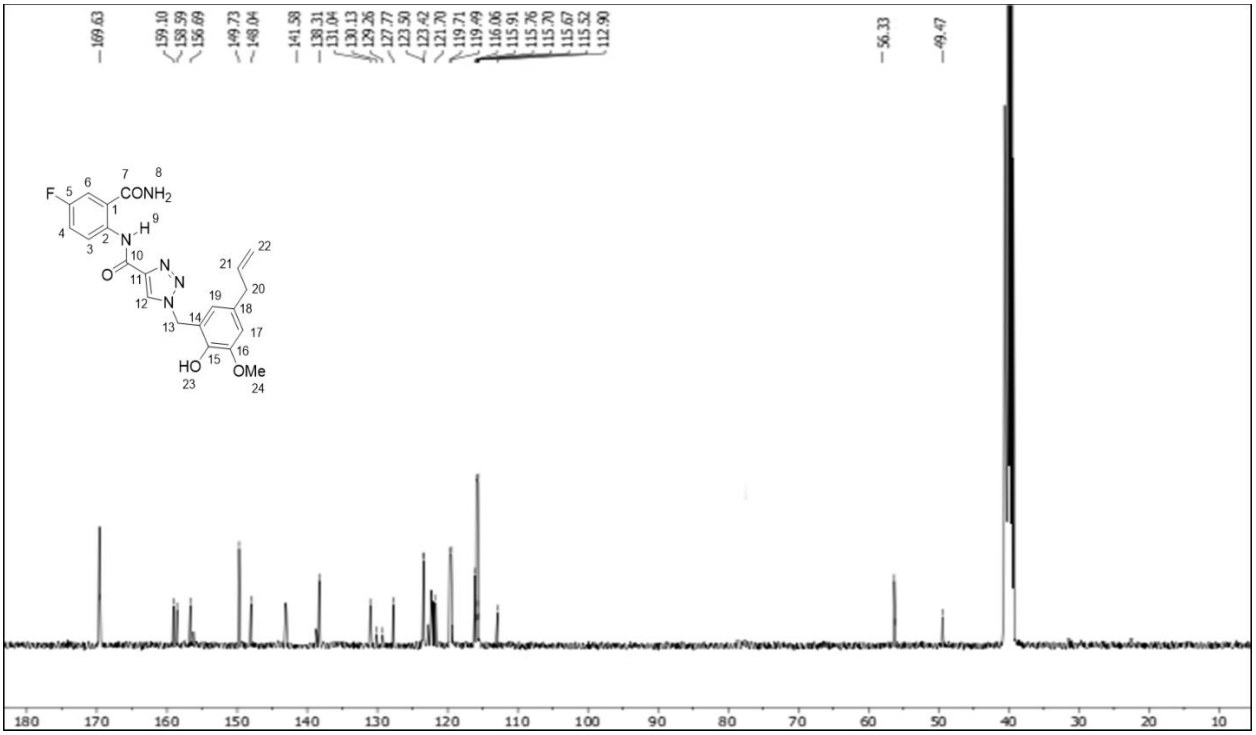

Figure S17. DEPT-135 Subspectrum for Compound **9c** in DMSO-d_6 (100 MHz)

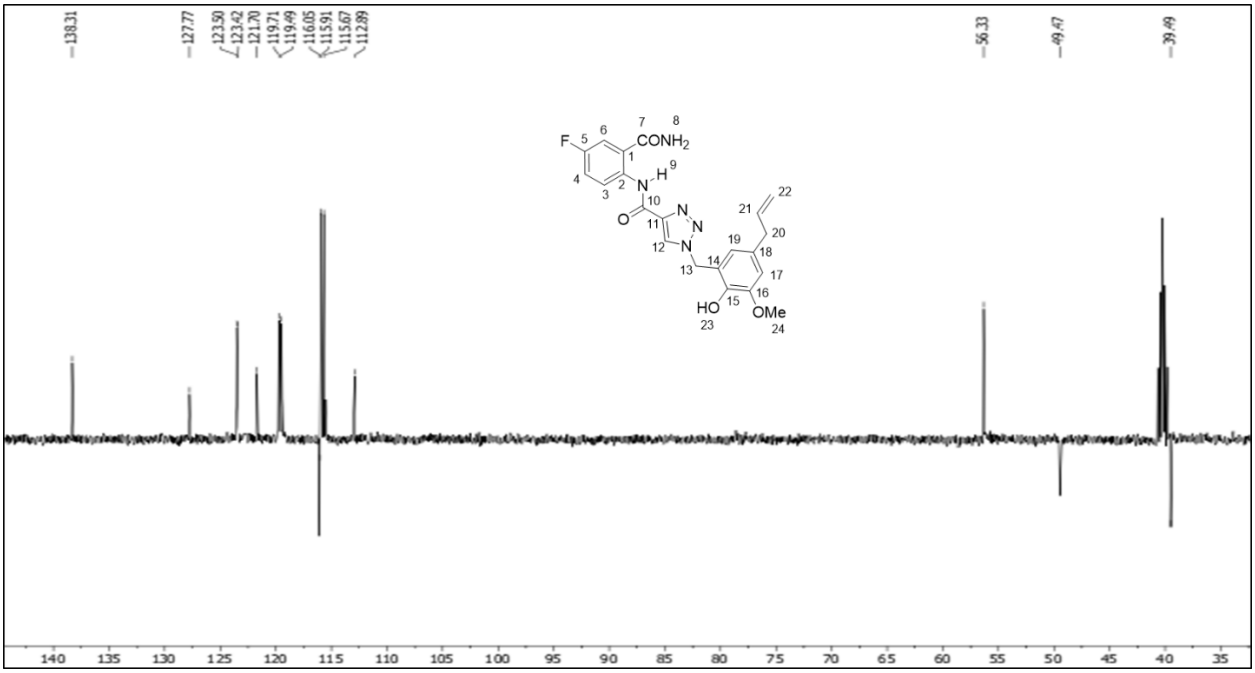

Figure S18. ESI-HRMS Spectrum for Compound **9c**

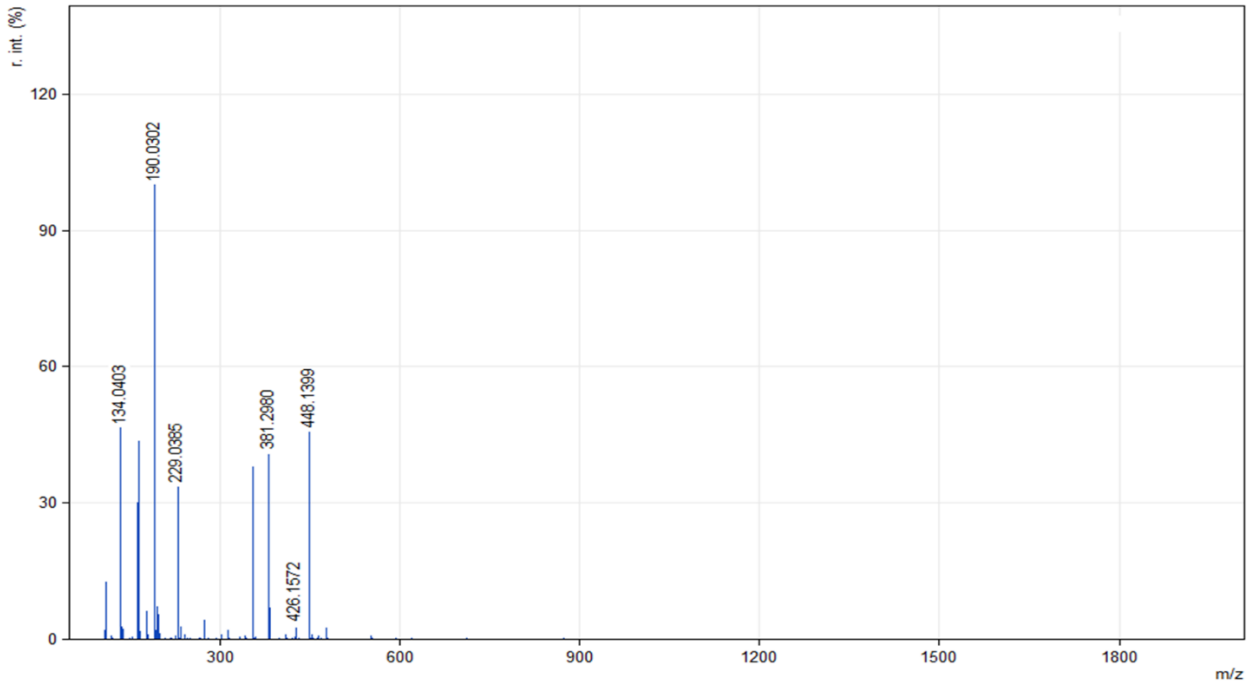

Figure S19. ^{1}H NMR Spectrum for Compound **9d** in DMSO-d_6 (400 MHz)

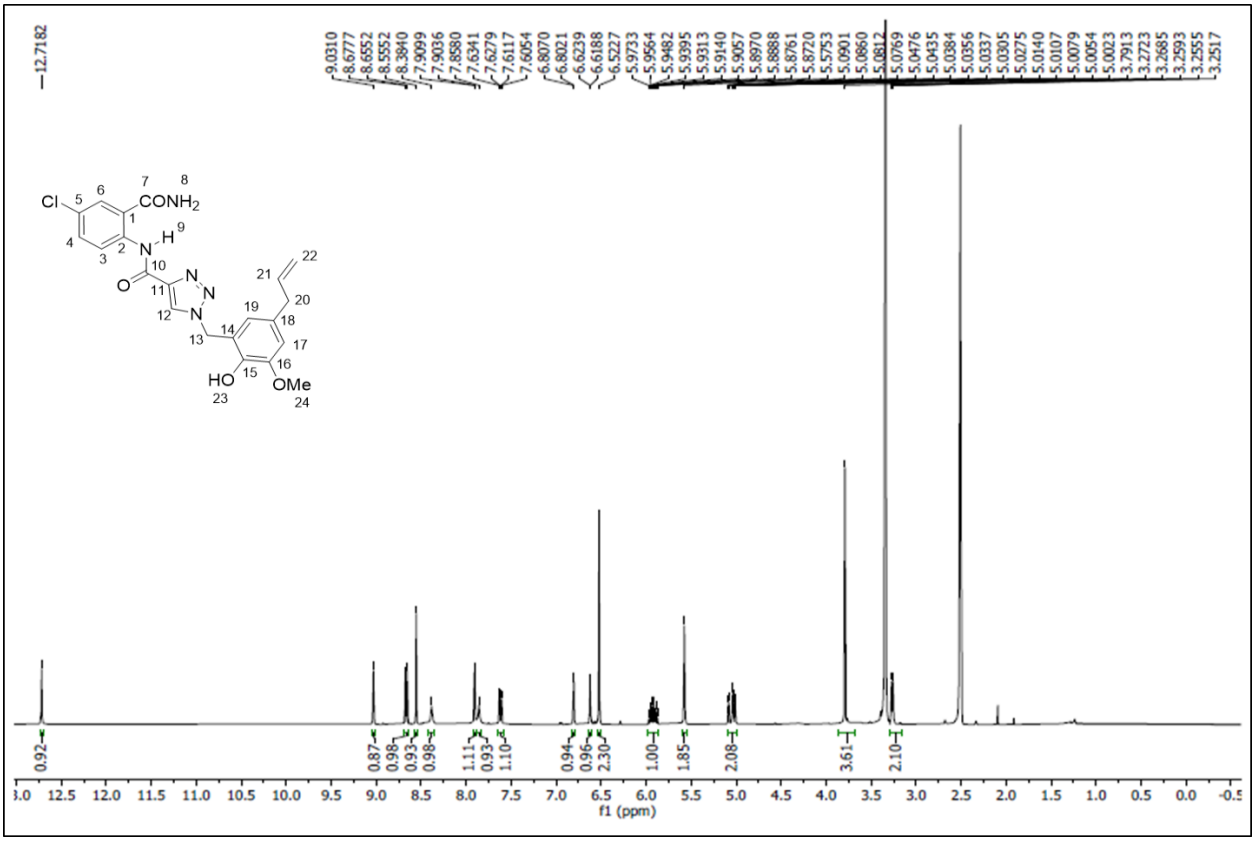

Figure S20. ^{13}C NMR Spectrum for Compound **9d** in DMSO-d_6 (100 MHz)

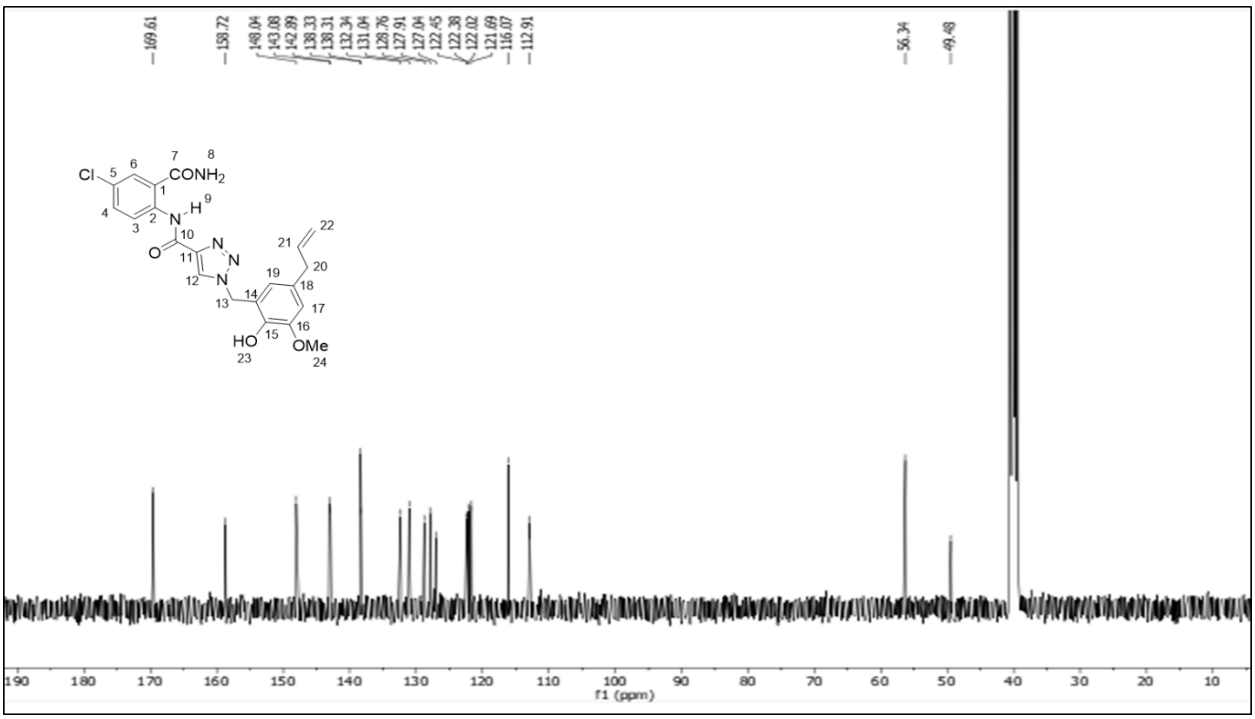

Figure S21. DEPT-135 Subspectrum for Compound **9d** in DMSO-d_6 (100 MHz)

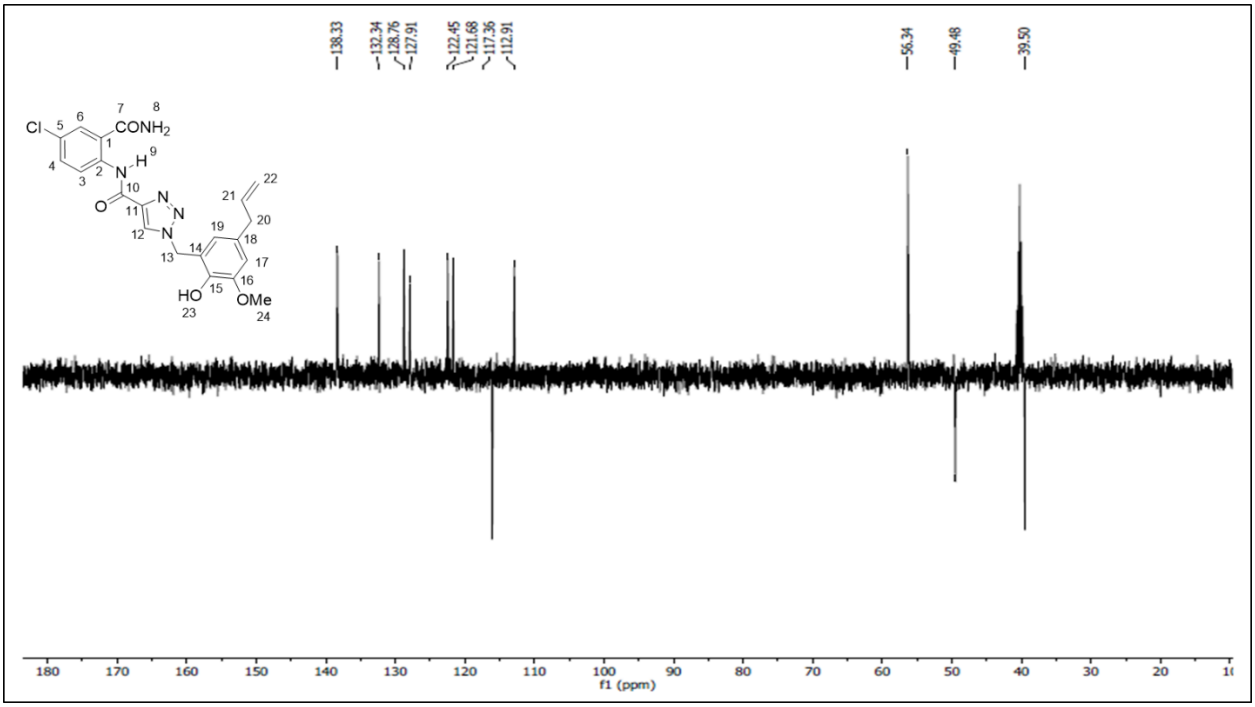

Figure S22. ESI-HRMS Spectrum for Compound **9d**

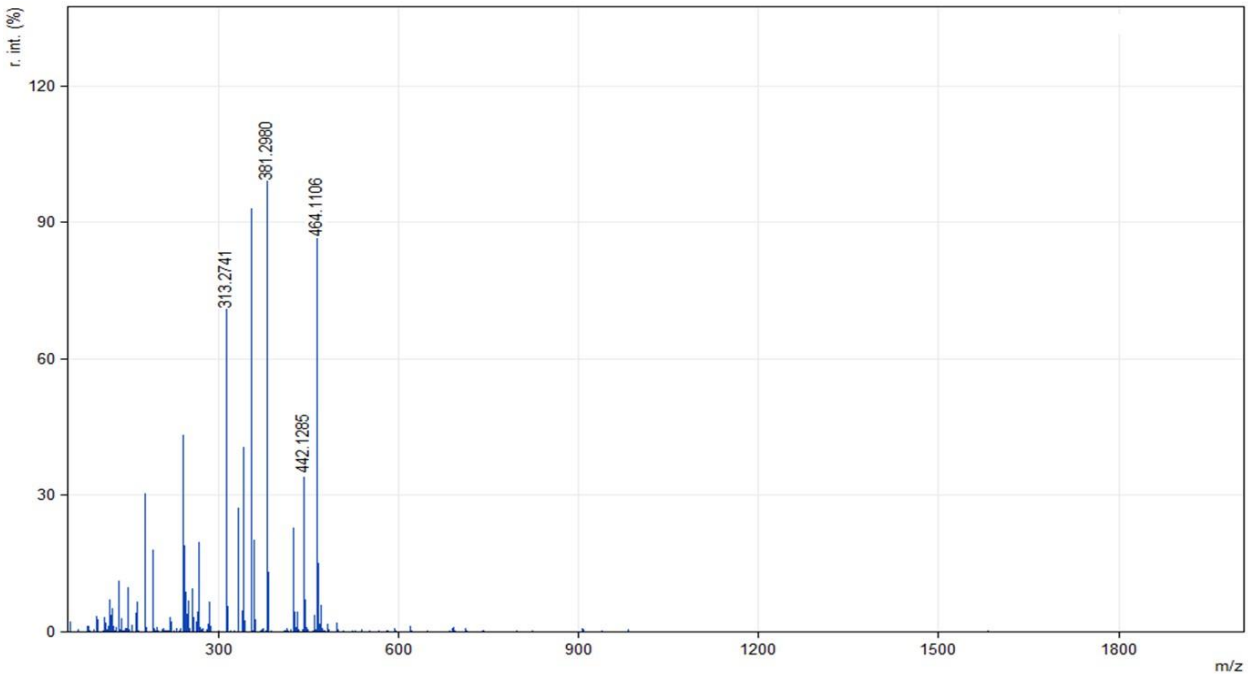

Figure S23. ^{1}H NMR Spectrum for Compound **10a** in DMSO-d_6 (400 MHz)

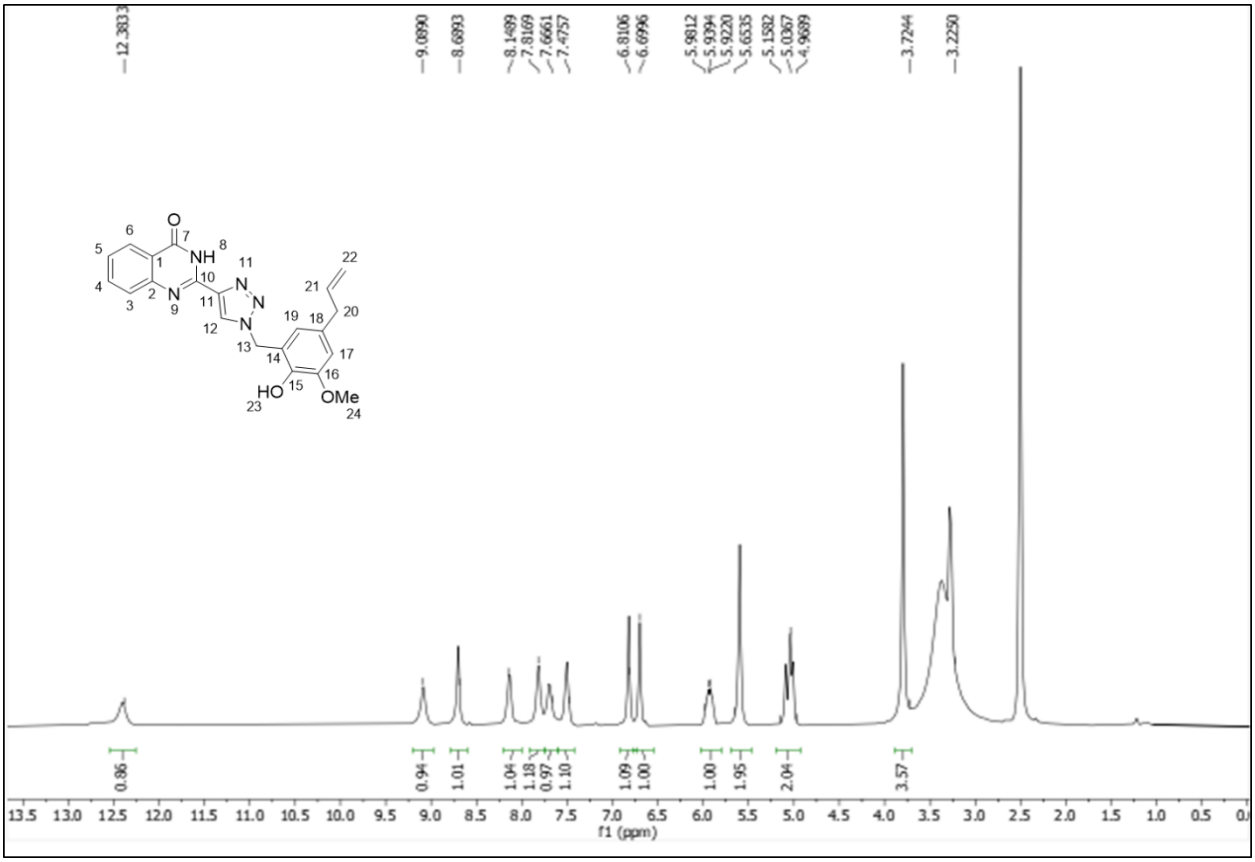

Figure S24. ^{13}C NMR Spectrum for Compound **10a** in DMSO-d_6 (100 MHz)

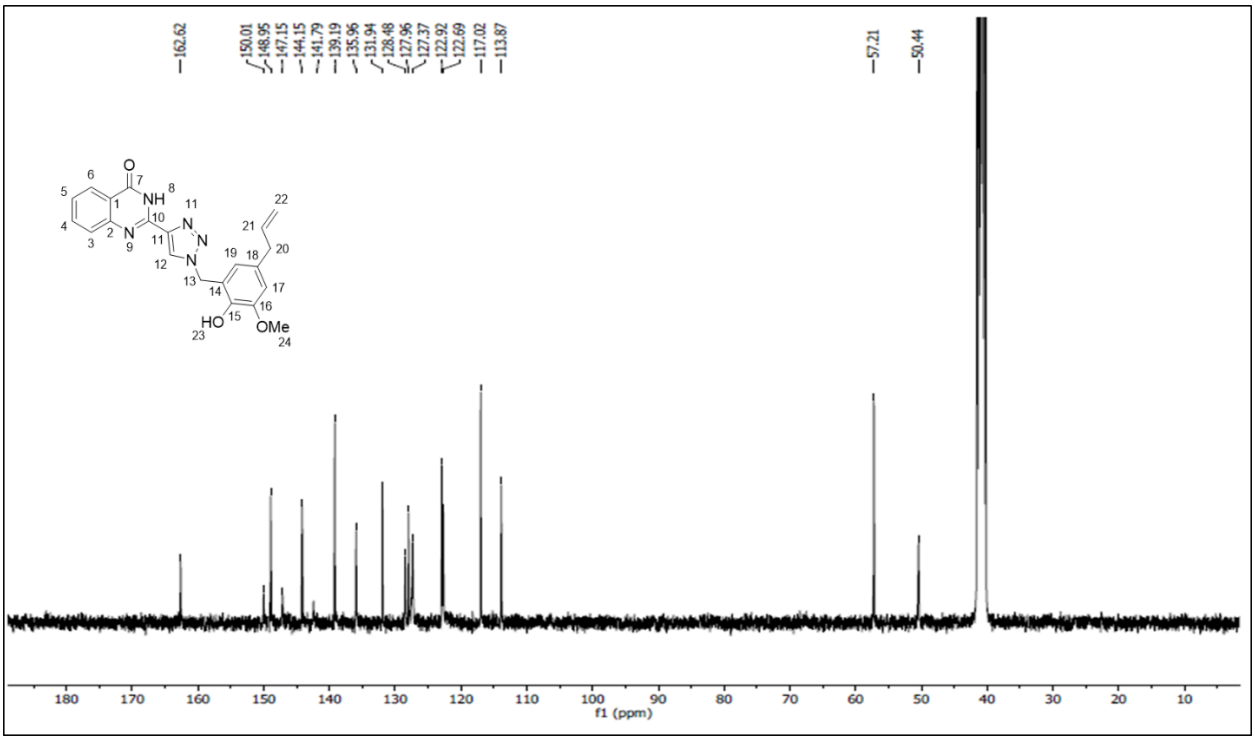

Figure S25. DEPT-135 Subspectrum for Compound **10a** in DMSO-d_6 (100 MHz)

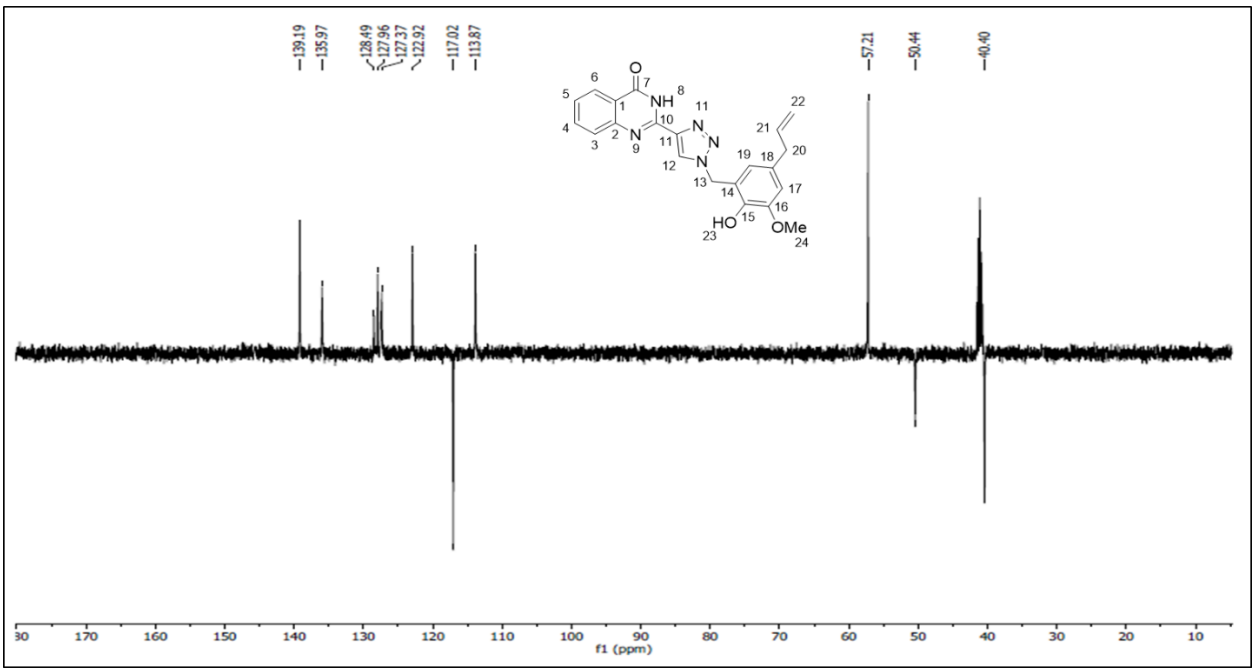

Figure S26. ESI-HRMS Spectrum for Compound **10a**

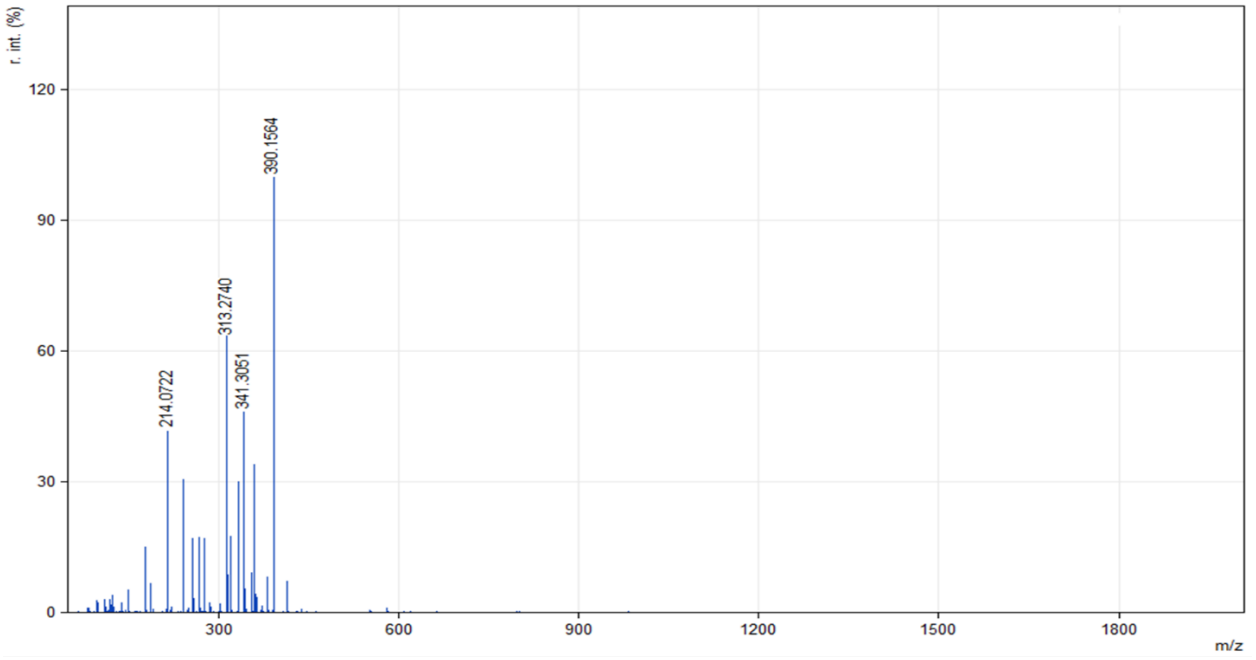

Figure S27. ^{1}H NMR Spectrum for Compound **10b** in DMSO-d_6 (400 MHz)

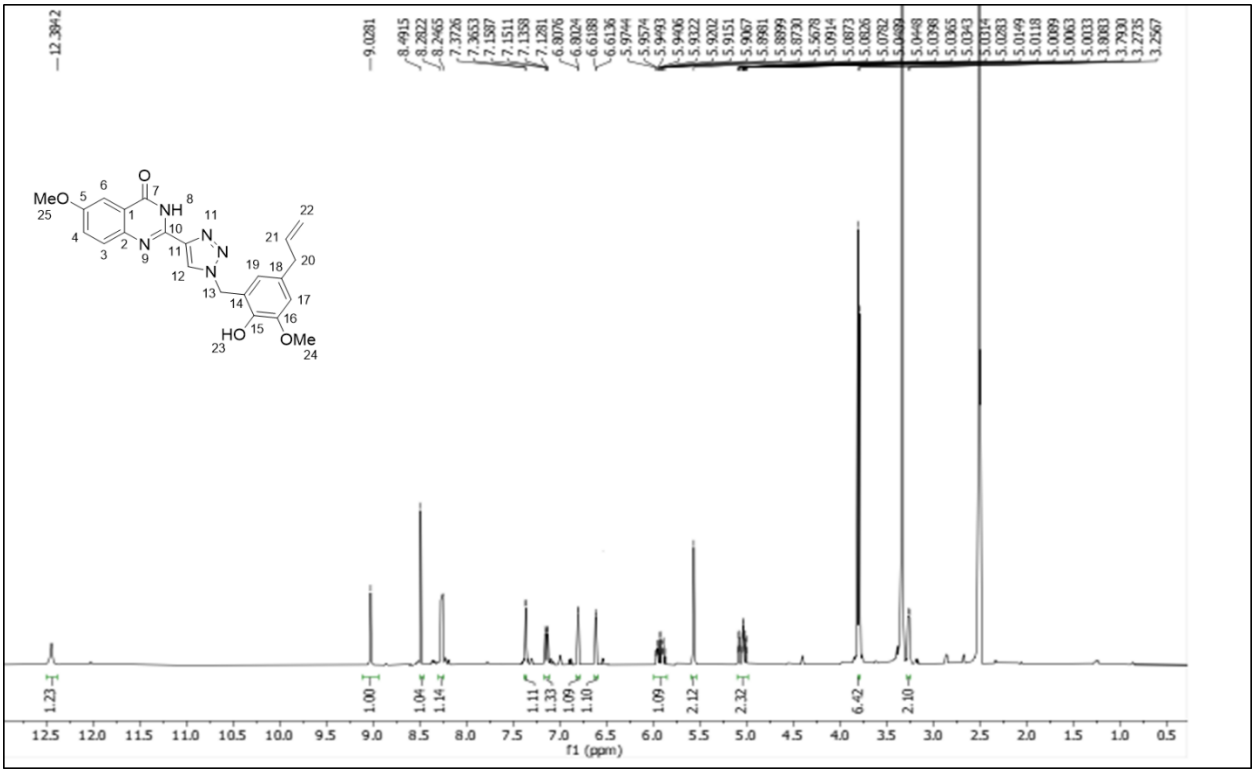

Figure S28. ^{13}C NMR Spectrum for Compound **10b** in DMSO-d_6 (100 MHz)

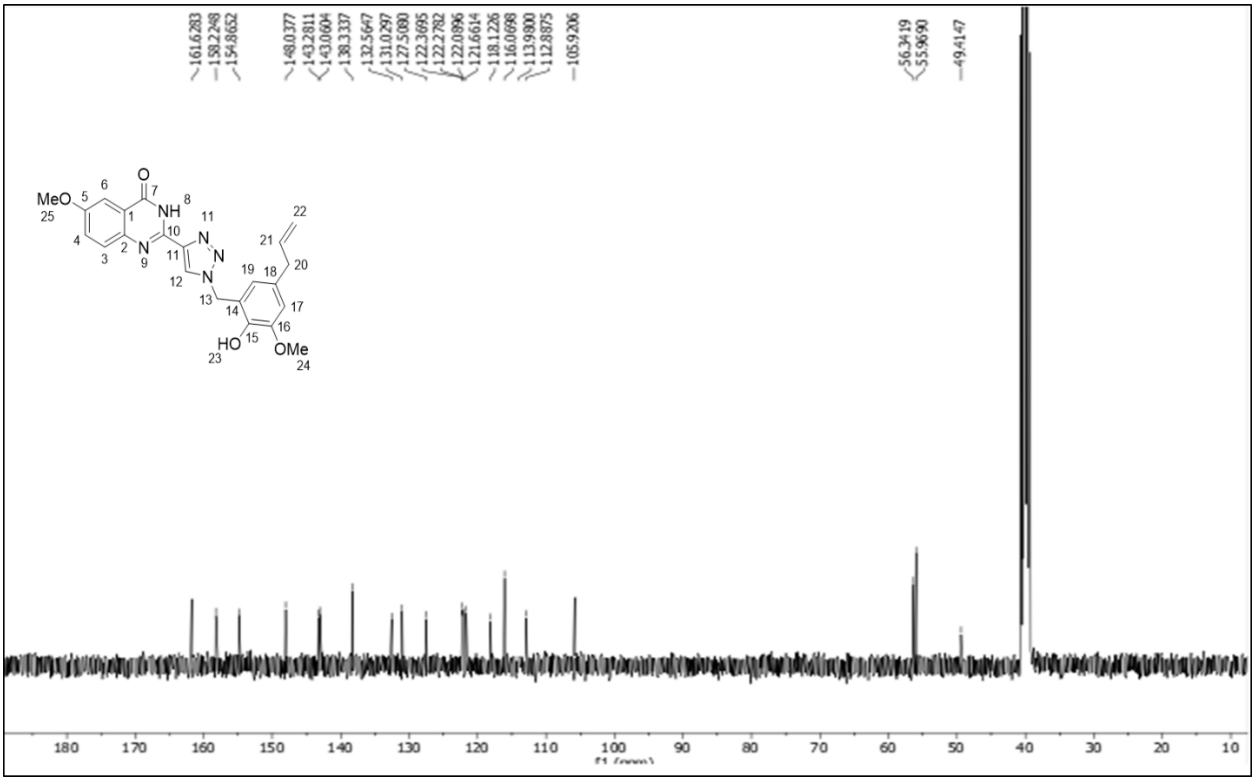

Figure S29. DEPT-135 Subspectrum for Compound **10b** in DMSO-d_6 (100 MHz)

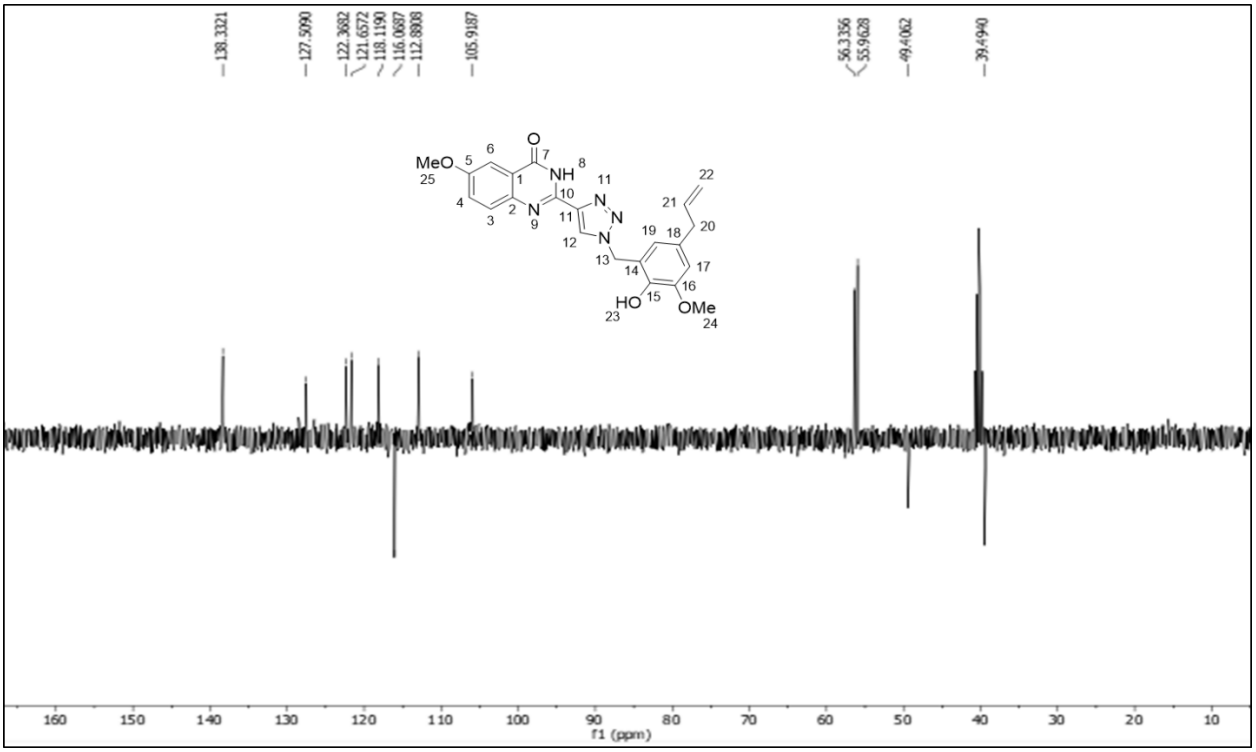

Figure S30. ESI-HRMS Spectrum for Compound **10b**

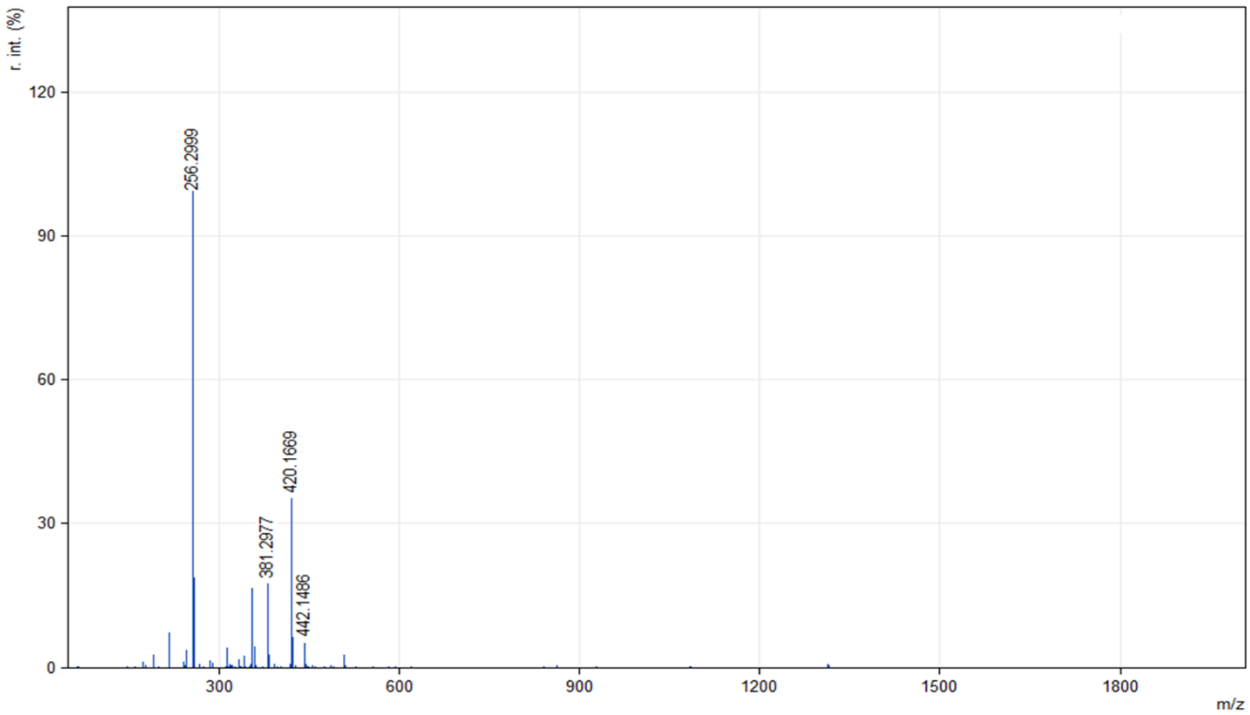

Figure S31. ^{1}H NMR Spectrum for Compound **10c** in DMSO-d_6 (400 MHz)

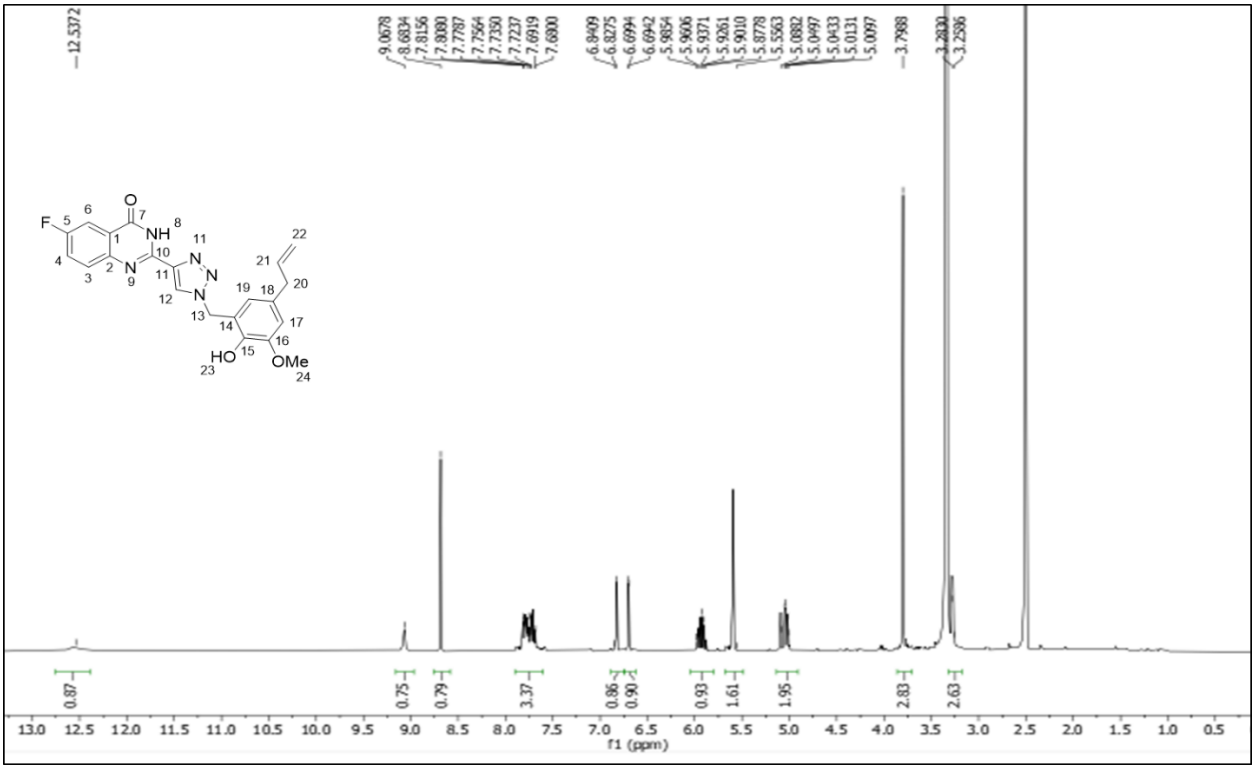

Figure S32. ^{13}C NMR Spectrum for Compound **10c** in DMSO-d_6 (100 MHz)

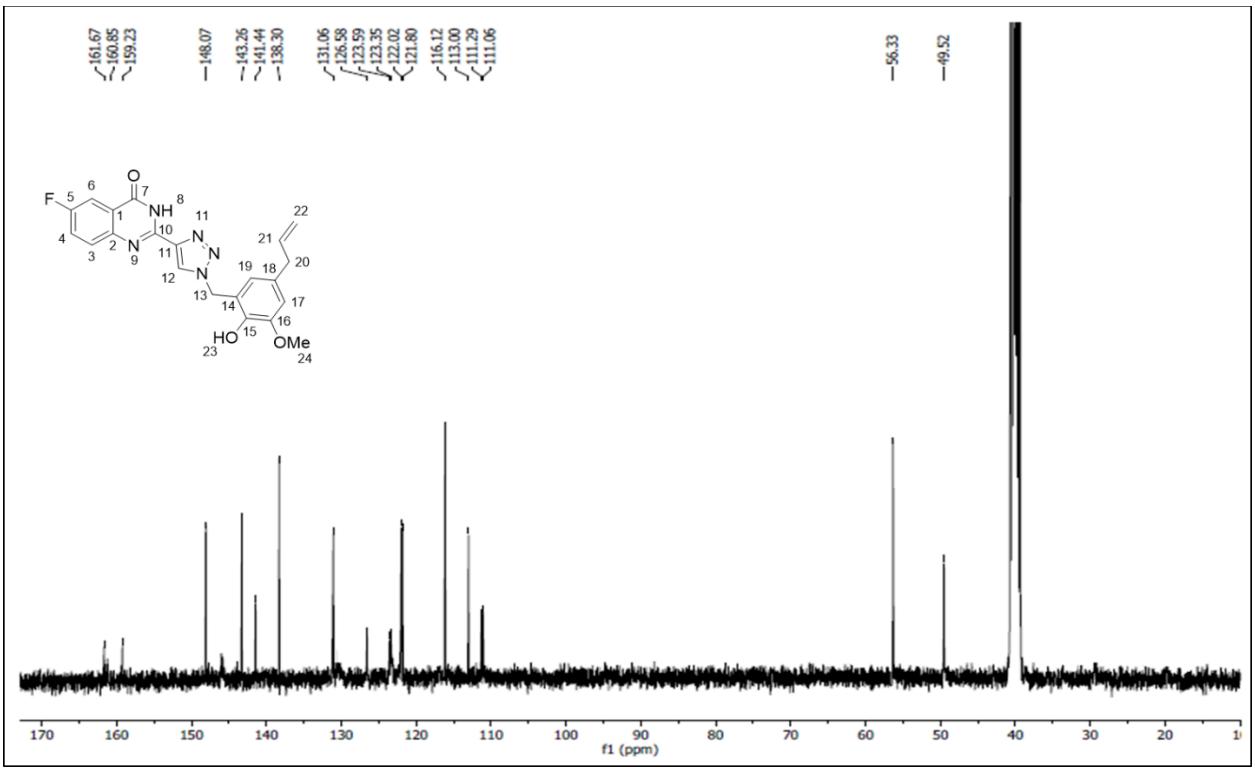

Figure S33. DEPT-135 Subspectrum for Compound **10c** in DMSO-d_6 (100 MHz)

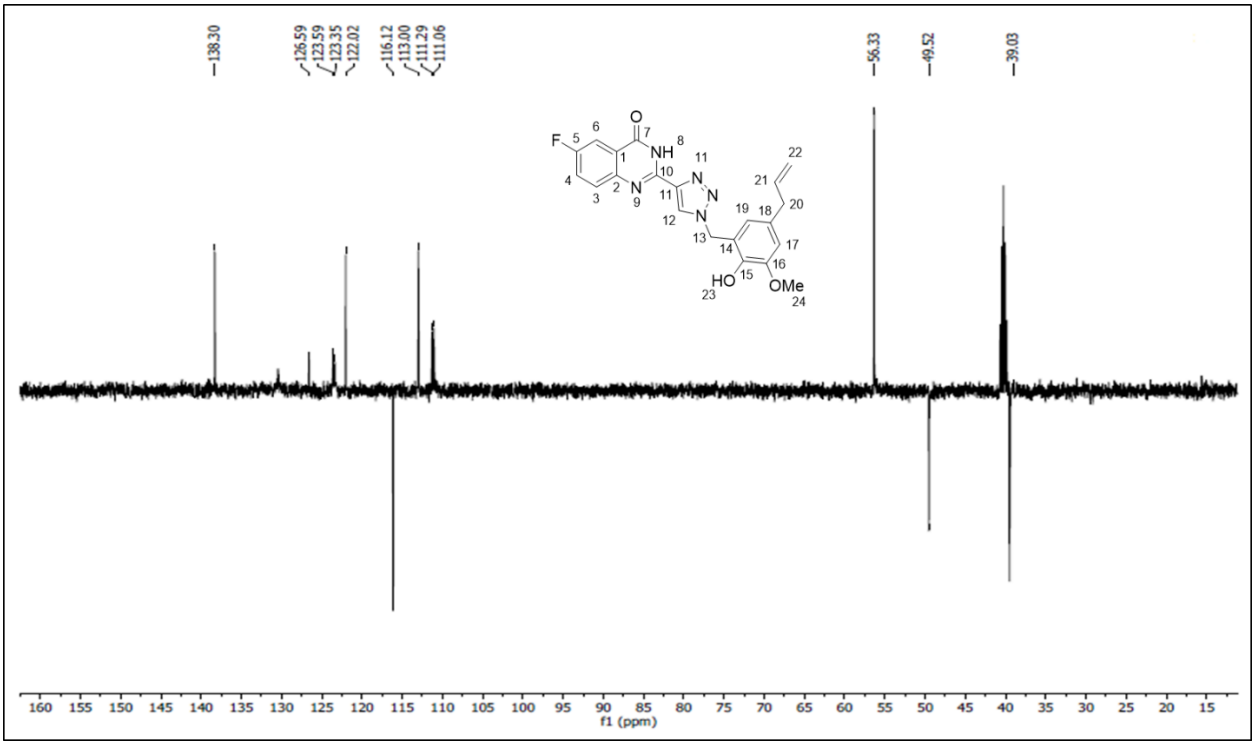

Figure S34. ESI-HRMS Spectrum for Compound **10c**

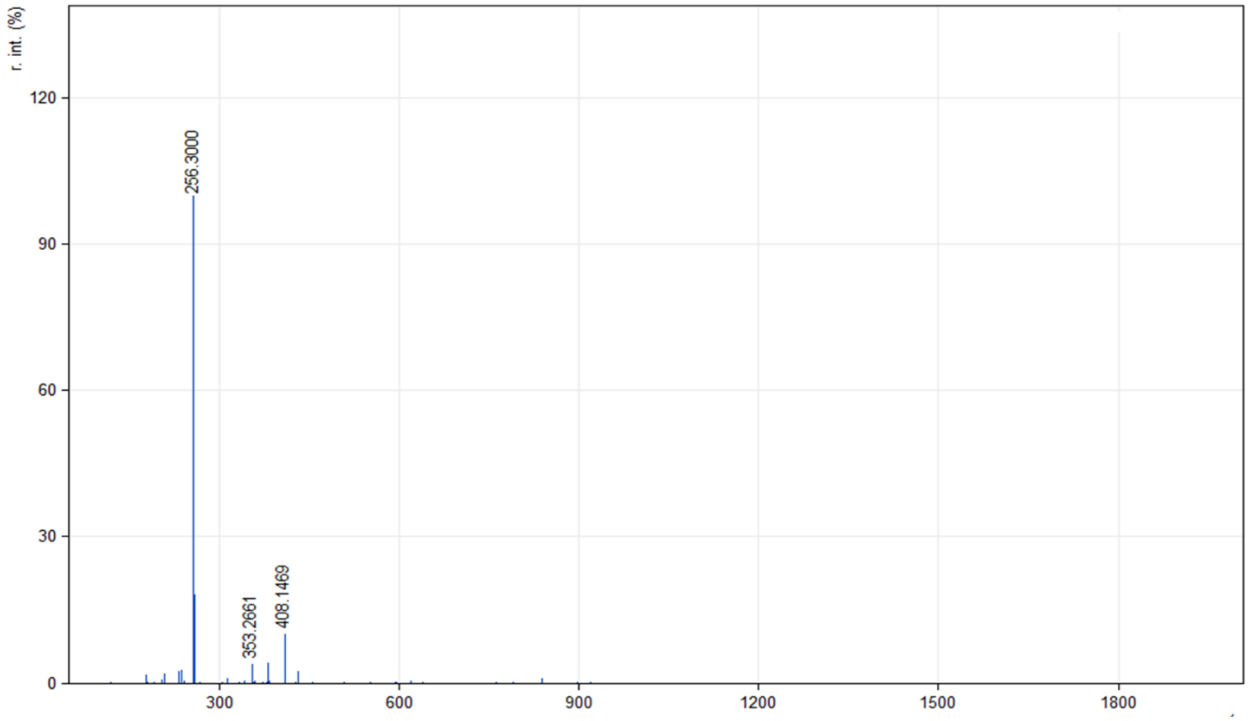

Figure S35. ^{1}H NMR Spectrum for Compound **13** in DMSO-d_6 (400 MHz)

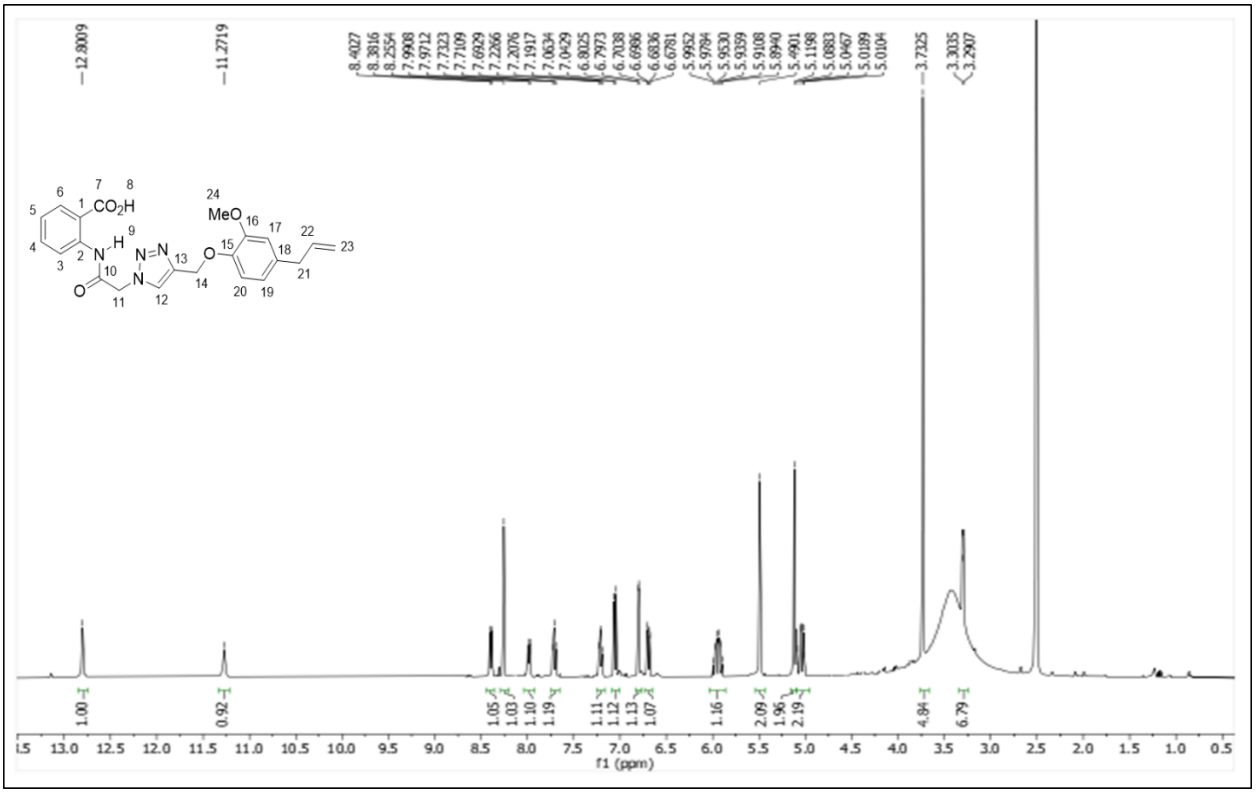

Figure S36. ^{13}C NMR Spectrum for Compound **13** in DMSO-d_6 (100 MHz)

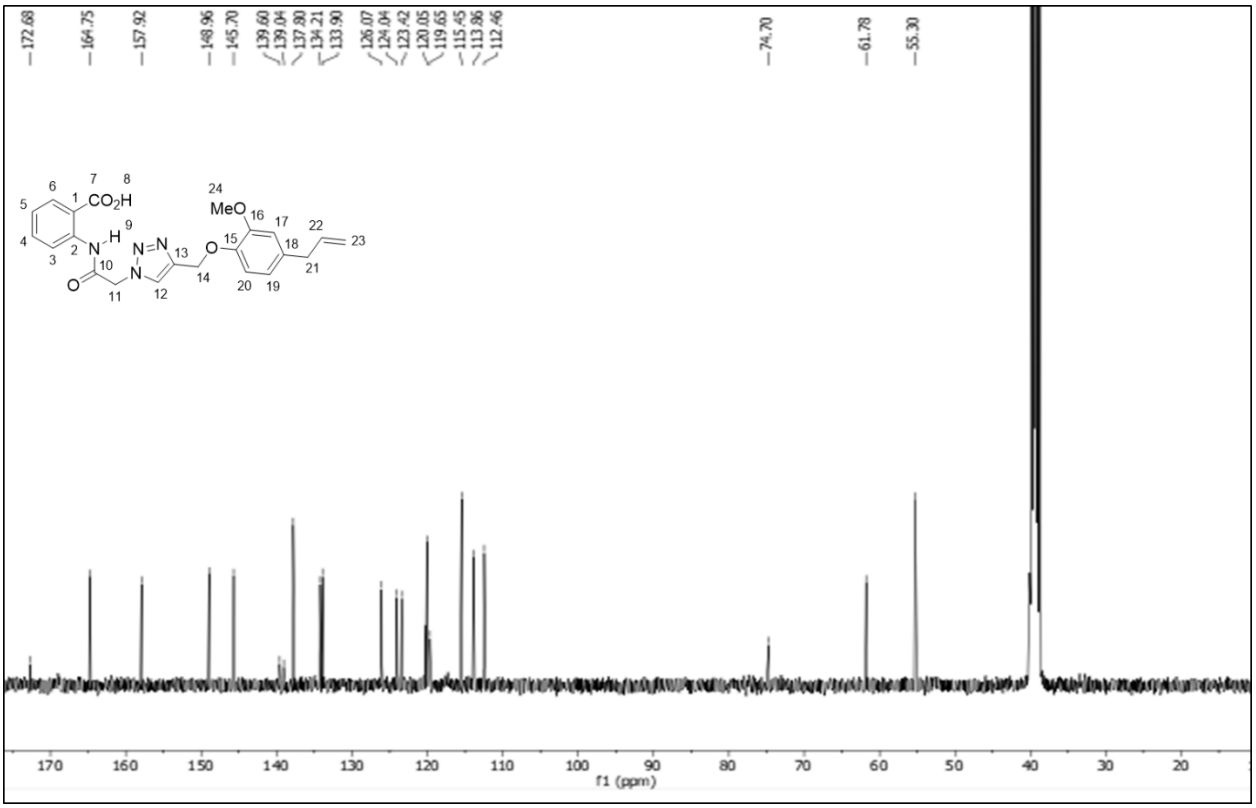

Figure S37. DEPT-135 Subspectrum for Compound **13** in DMSO-d_6 (100 MHz)

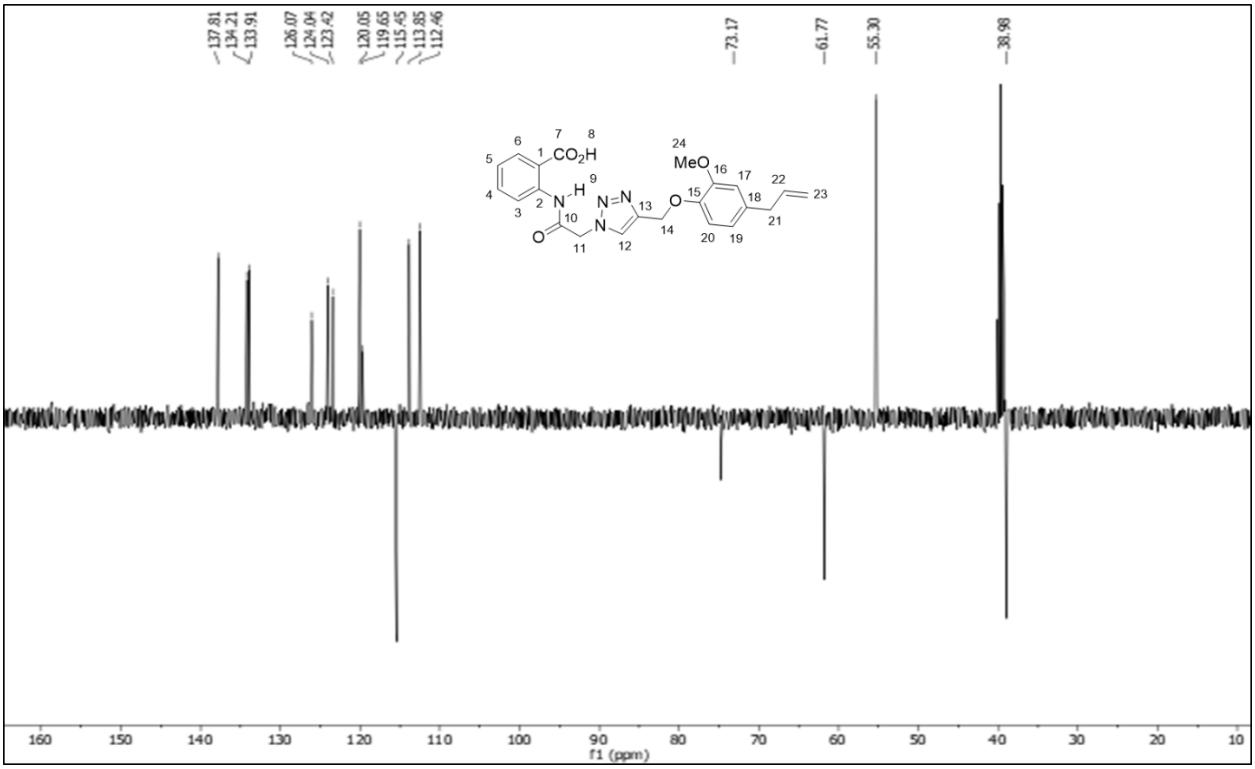

Figure S38. ESI-HRMS Spectrum for Compound **13**

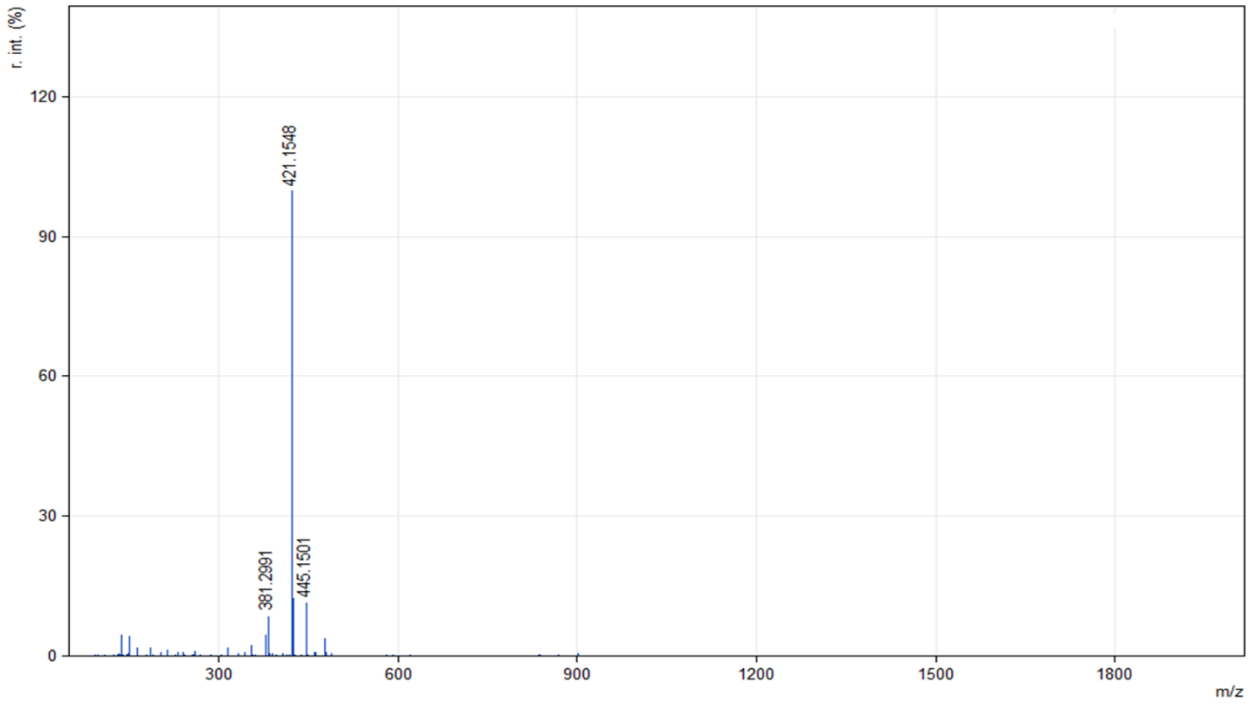

Figure S39. ^{1}H NMR Spectrum for Compound **14** in DMSO-d_6 (400 MHz)

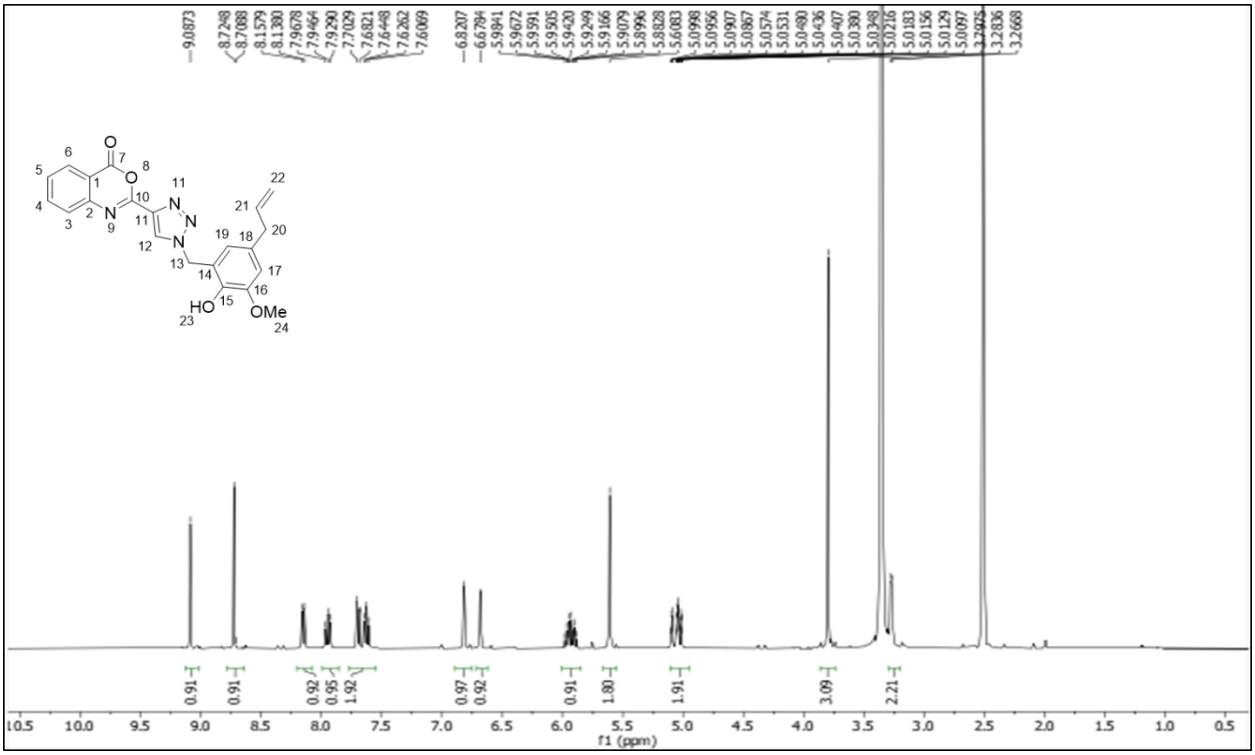

Figure S40. ^{13}C NMR Spectrum for Compound **14** in DMSO-d_6 (100 MHz)

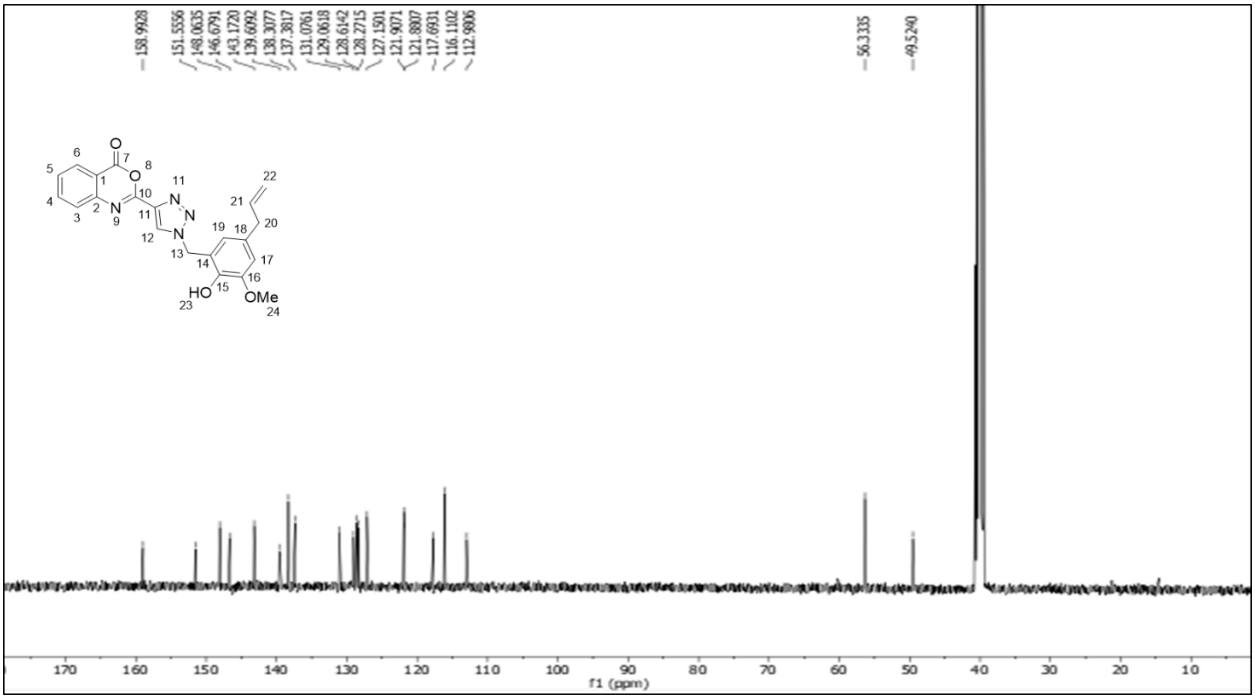

Figure S41. DEPT-135 Subspectrum for Compound **14** in DMSO-d_6 (100 MHz)

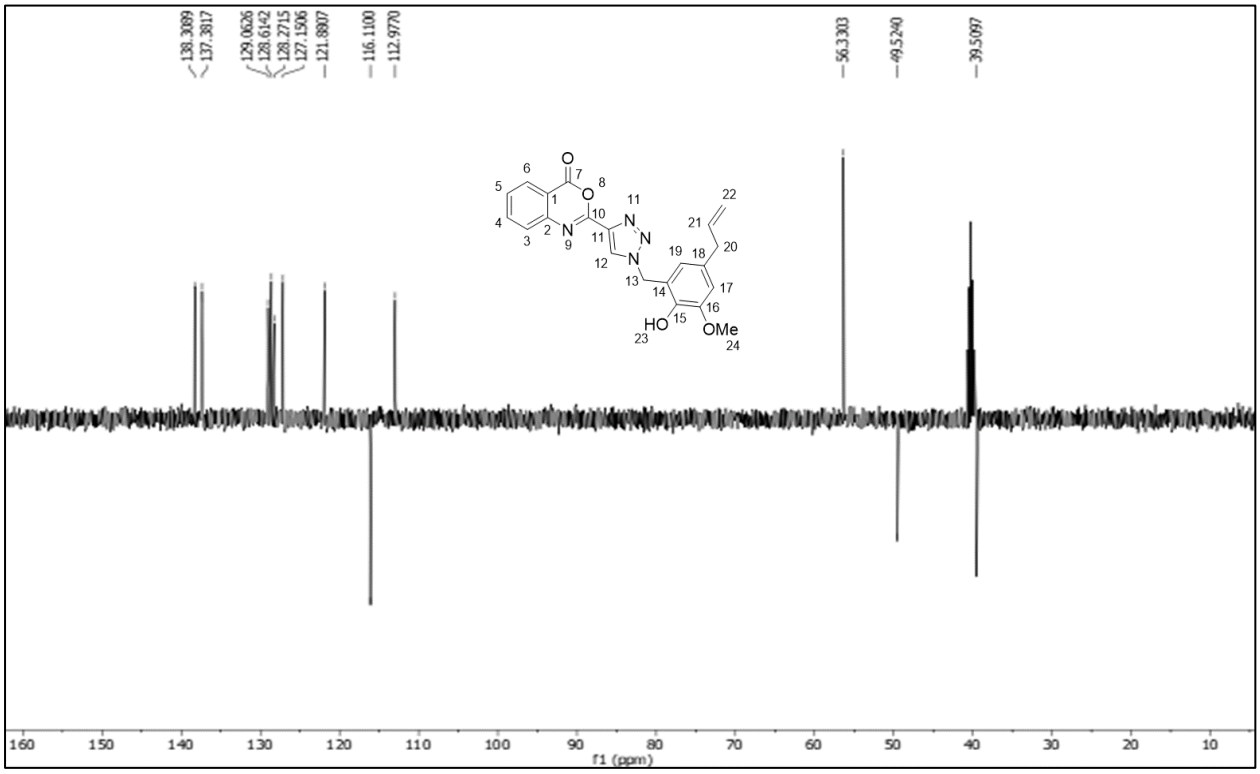

Figure S42. ESI-HRMS Spectrum for Compound **14**

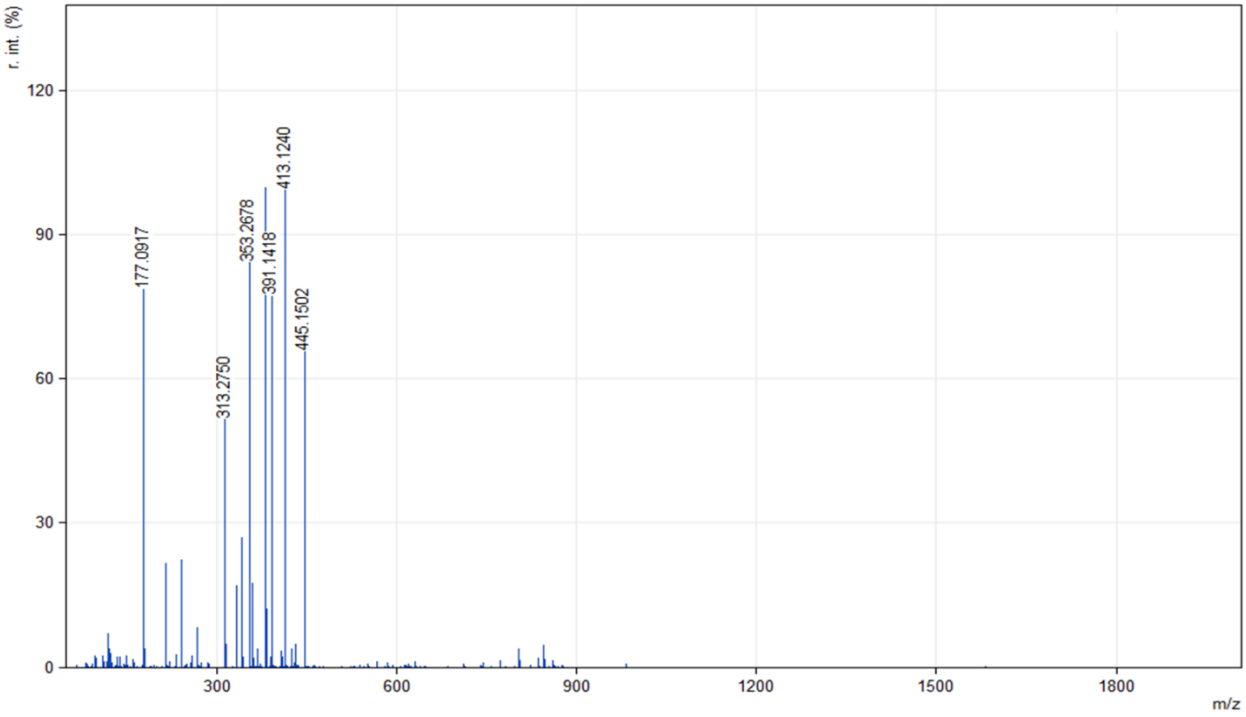

Table S1. Antimicrobial activity of compounds **9a**-**9d**, **10a**-**10c**, **13**, **14**, and **eugenol** against fungal strains: *Candida albicans*, *Aspergillus fumigatus* and *Trichophyton rubrum*, and against two bacteria strains: *Escherichia coli* and *Staphylococcus aureus*. The results of minimum inhibitory concentration (MIC) are expressed in µg/mL.

Strains/Compounds	*C. albicans*	*T. rubrum*	*A. fumigatus*	*E. coli*	*S. aureus*
9a	>512	512	>512	>512	>512
9b		>512			
9c				256-512	256
9d		512		>512	>512
10a					
10b		>512			
10c		512			
13		>512			
14		256-512			
Eugenol	512	256	512		