

Supporting Information

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Synthesis and biological studies of novel hydroxyacetophenone-tetrazole hybrids

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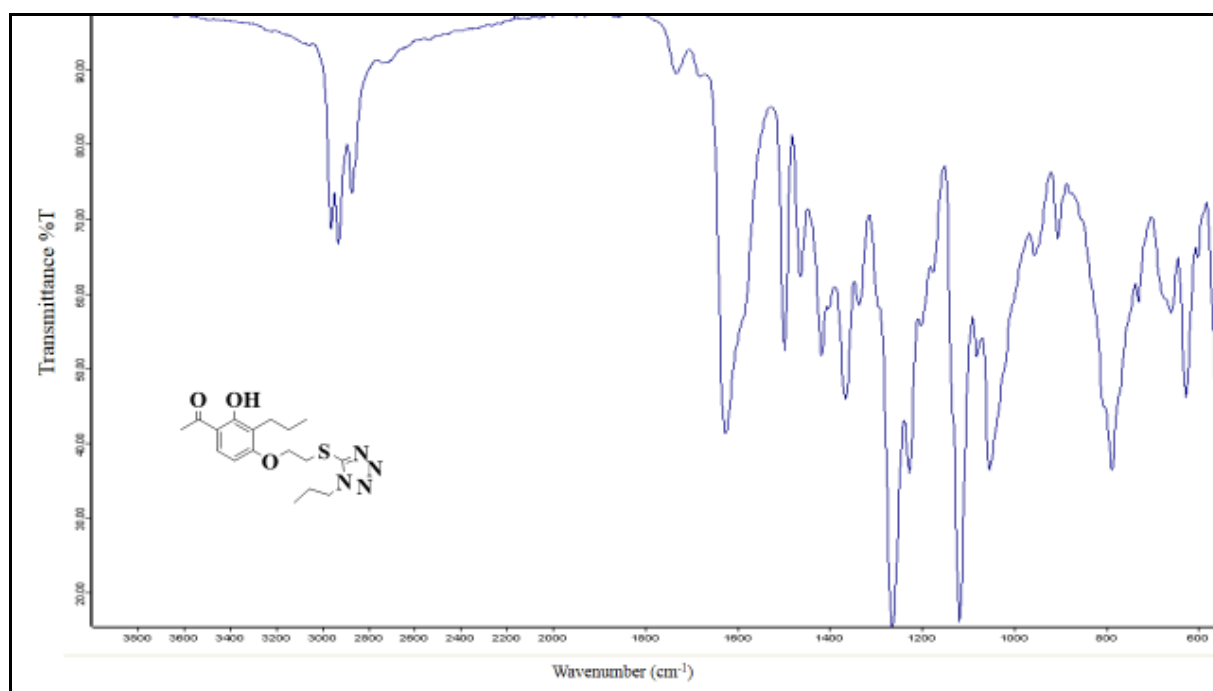


Figure S1: FTIR Spectrum of Compound 4a

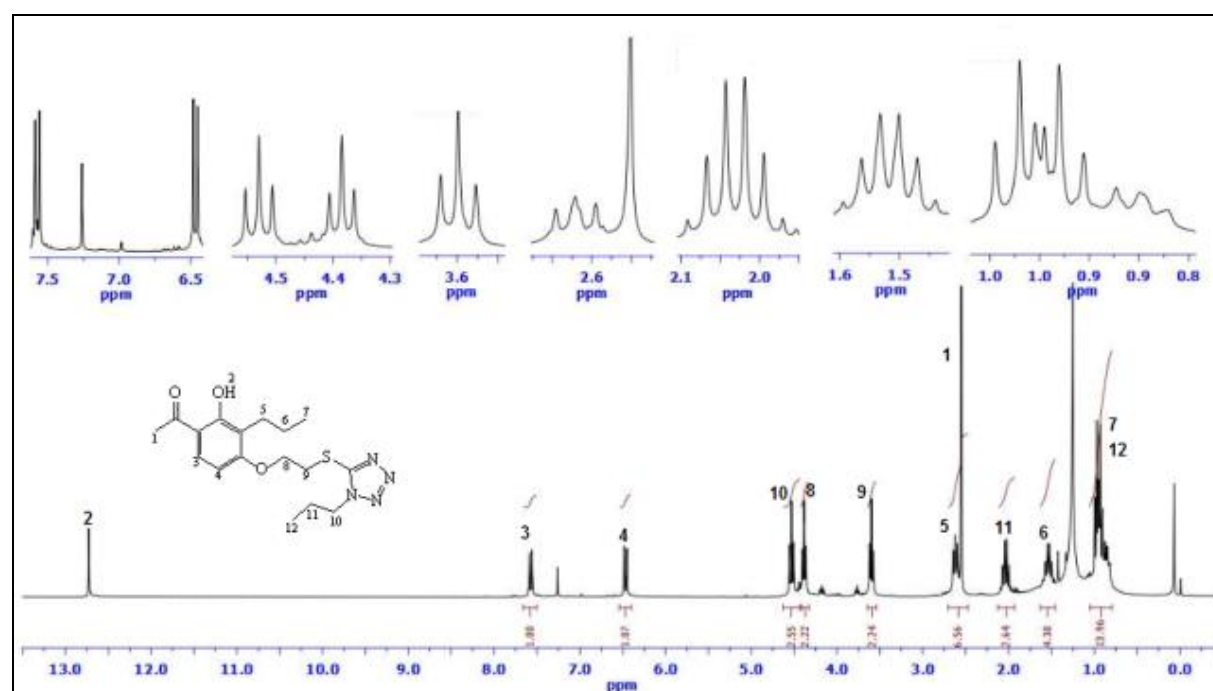


Figure S2: ^1H -NMR Spectrum of Compound 4a

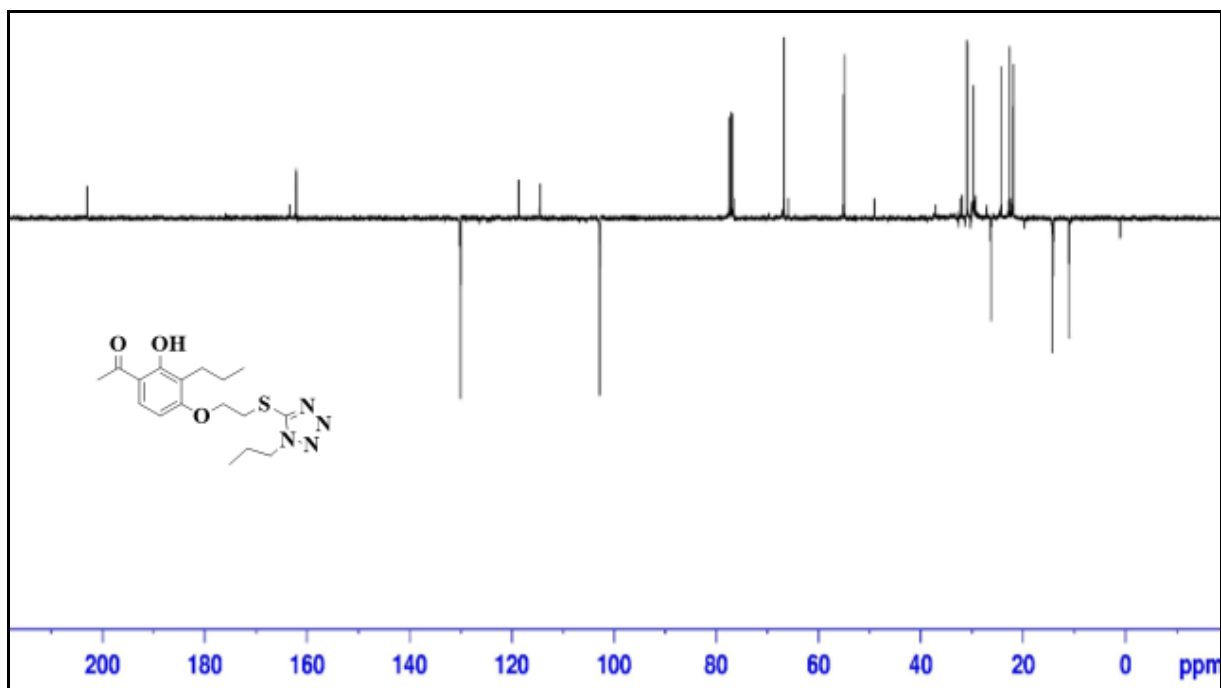


Figure S3: ¹³C-APT Spectrum of Compound 4a

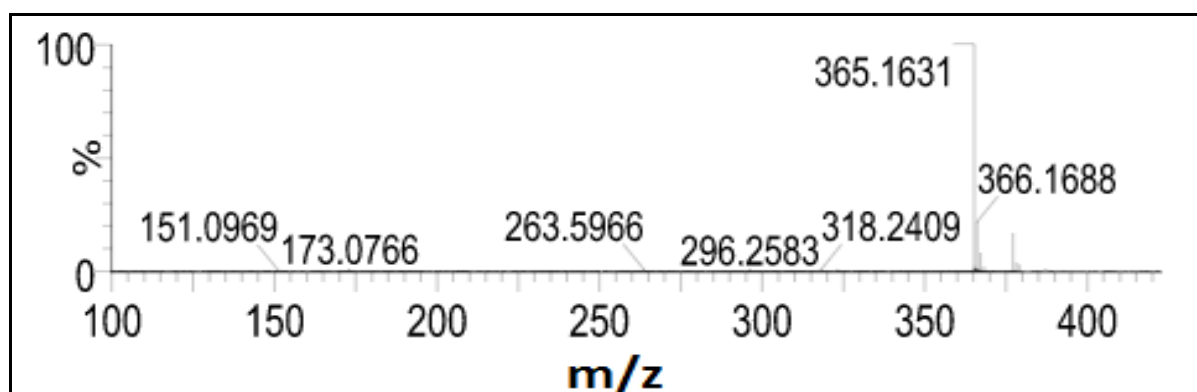


Figure S4: HRMS Spectrum of Compound 4a

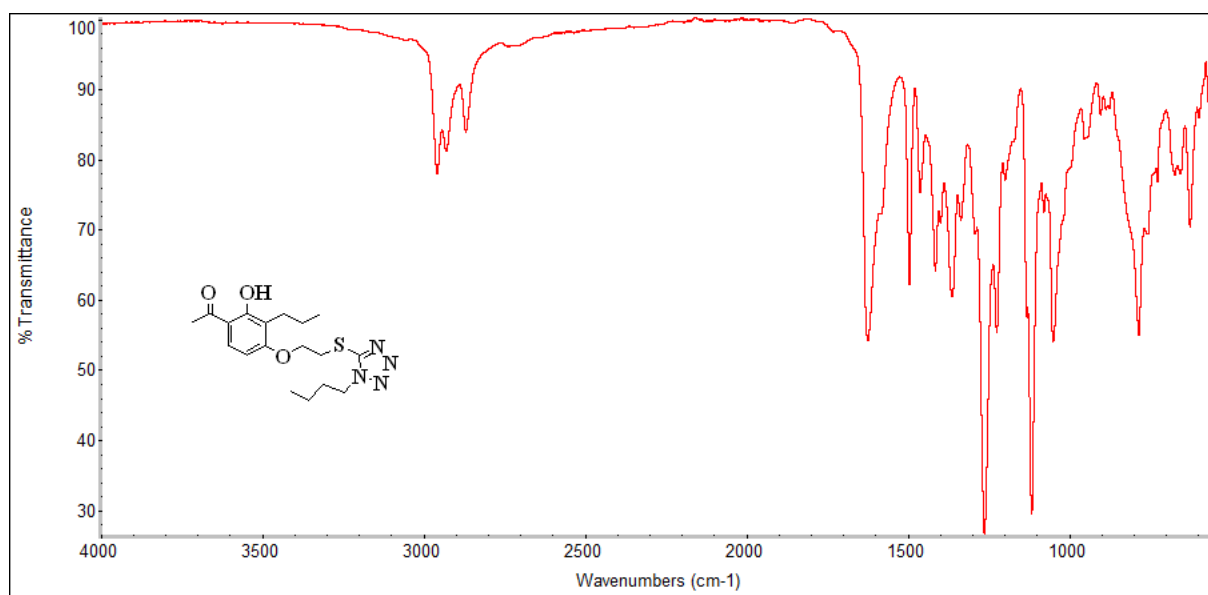


Figure S5: FTIR Spectrum of Compound **4b**

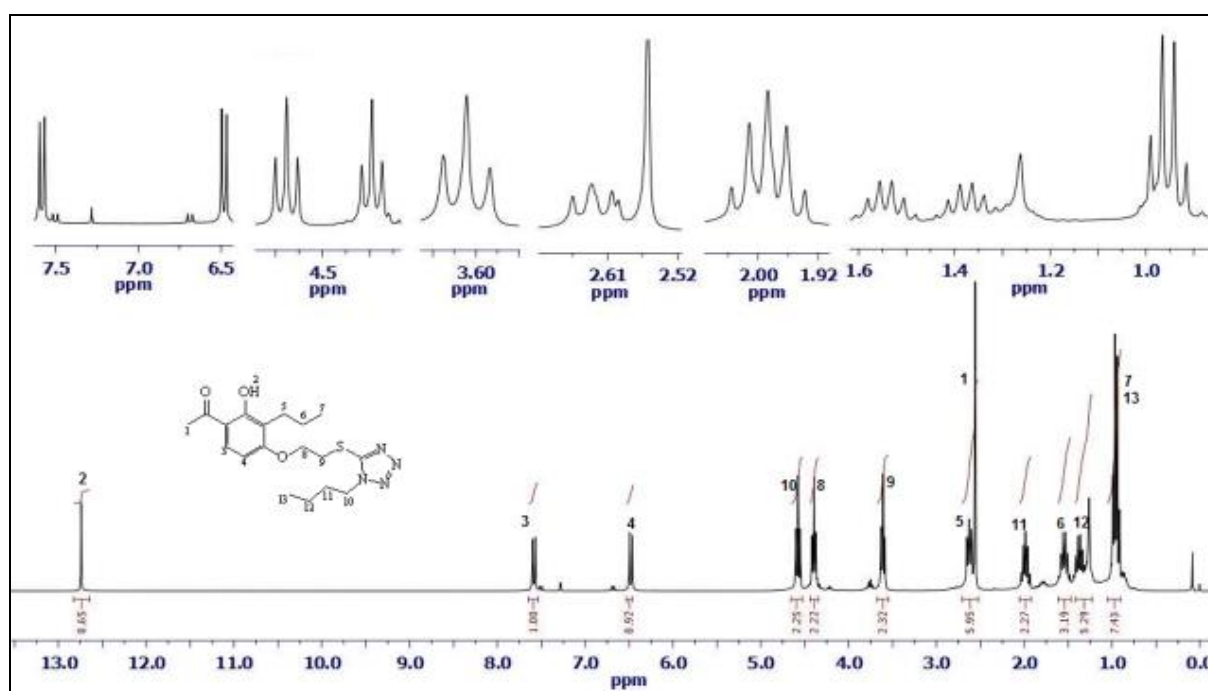


Figure S6: ¹H-NMR Spectrum of Compound **4b**

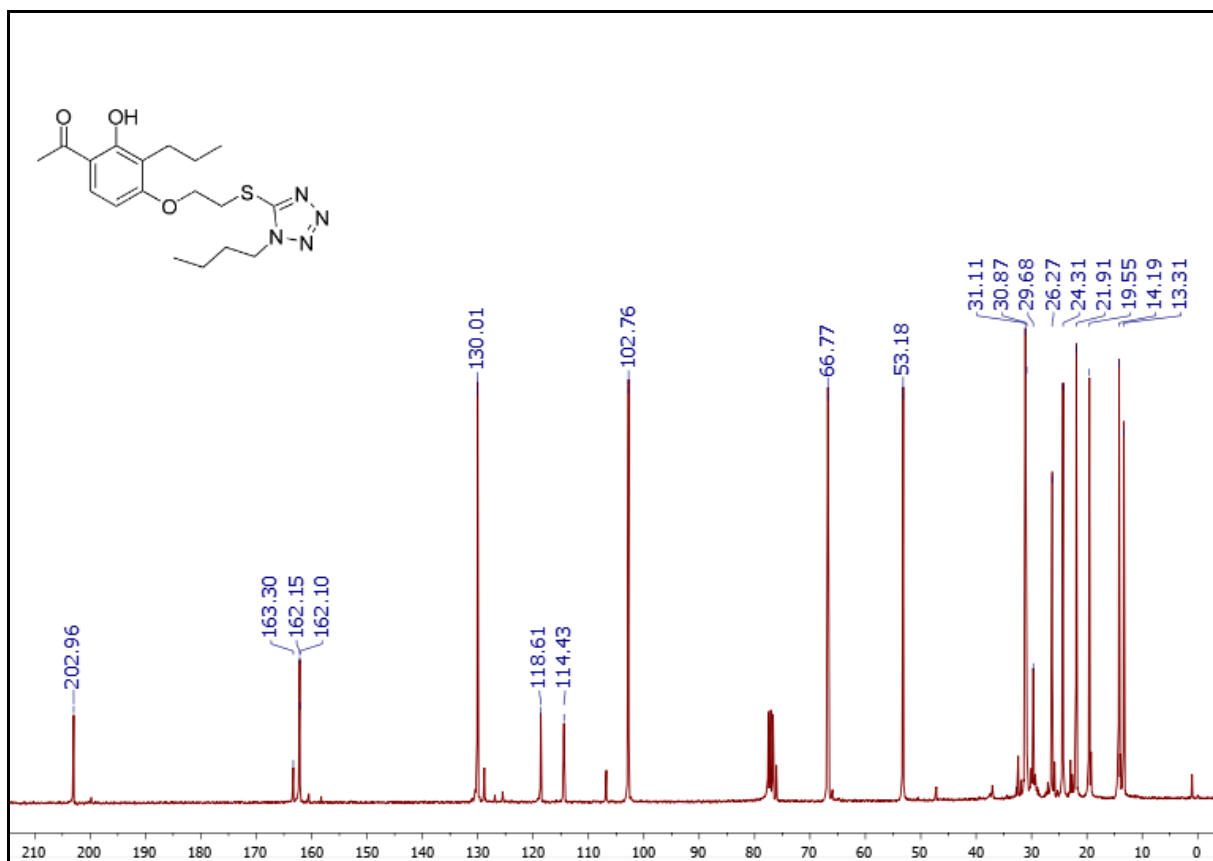


Figure S7: ¹³C-APT Spectrum of Compound **4b**

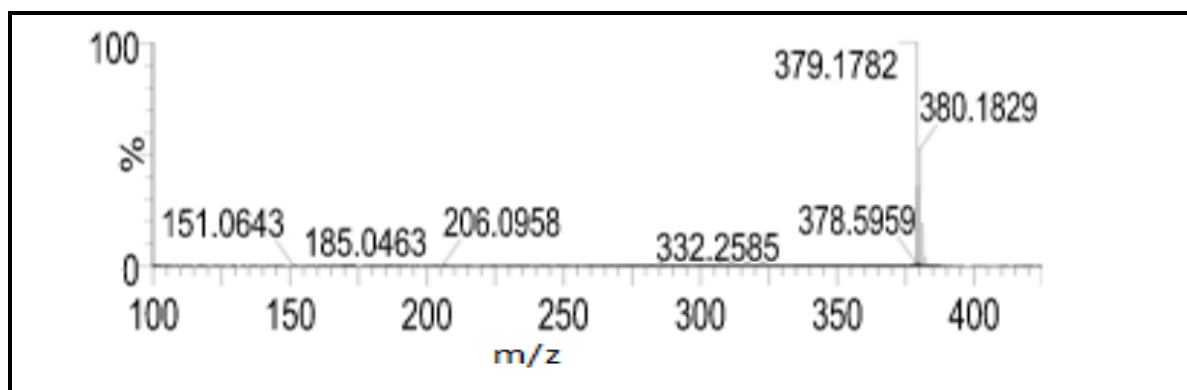


Figure S8: HRMS Spectrum of Compound **4b**

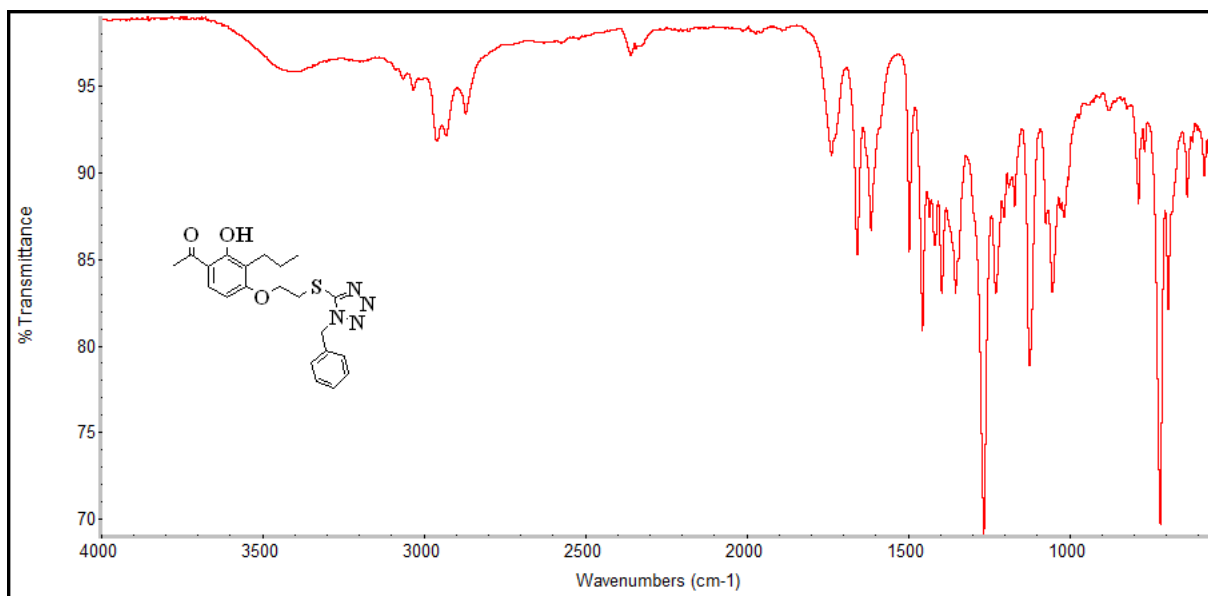


Figure S9: FTIR Spectrum of Compound 4c

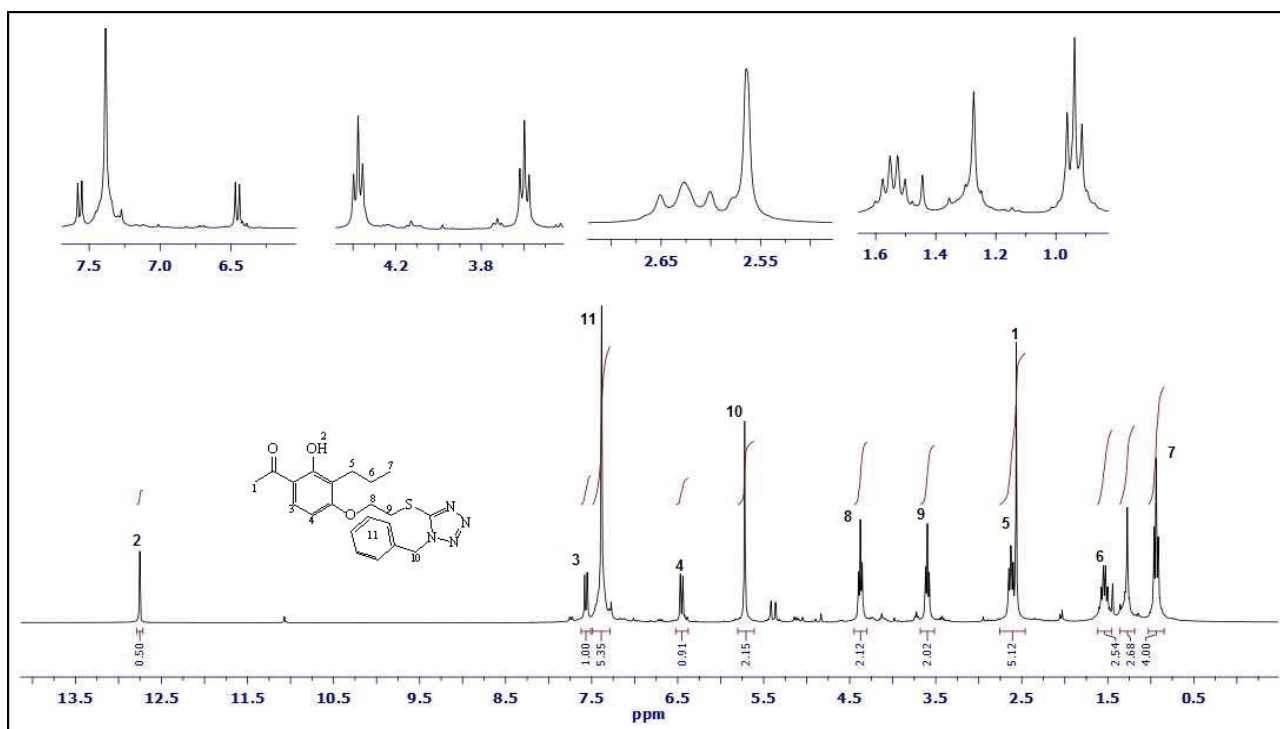


Figure S10: ^1H -NMR Spectrum of Compound 4c

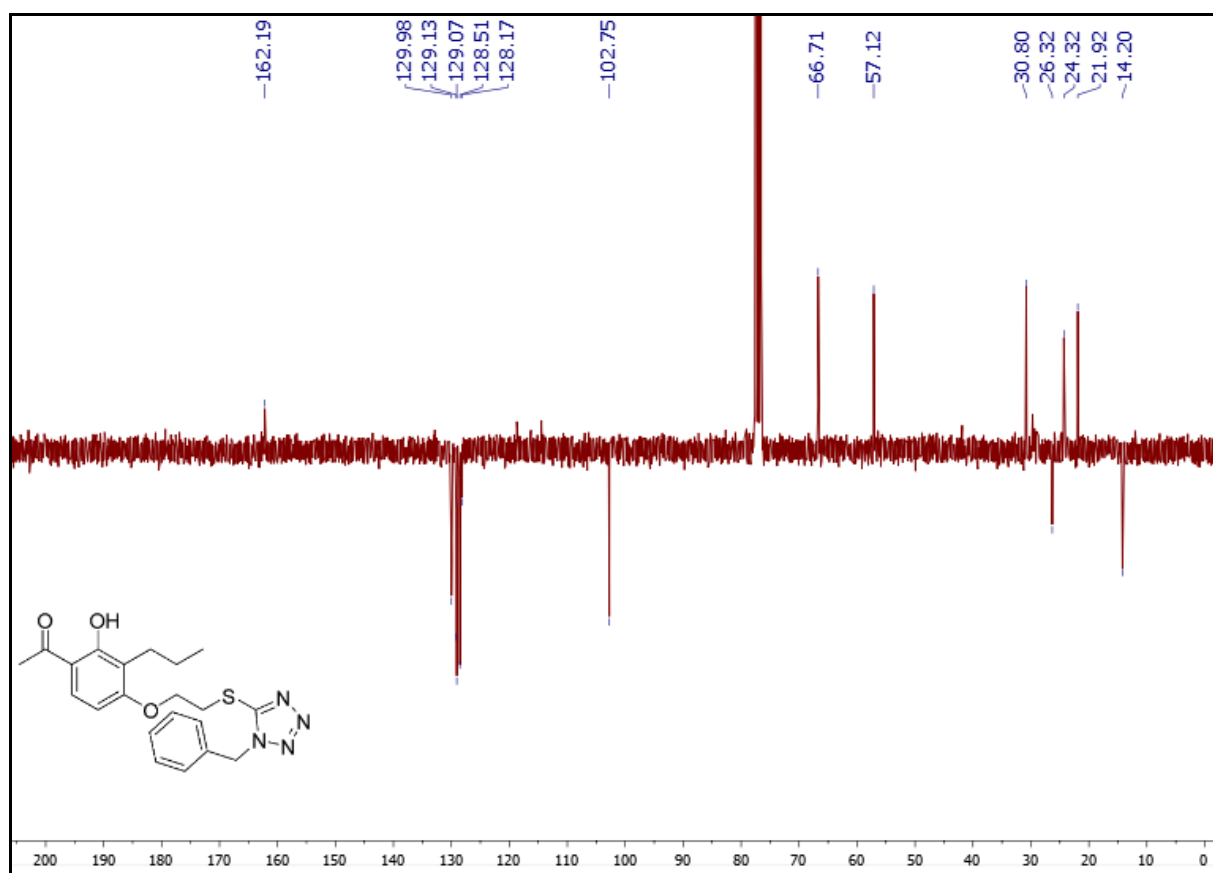


Figure S11: ^{13}C -APT Spectrum of Compound **4c**

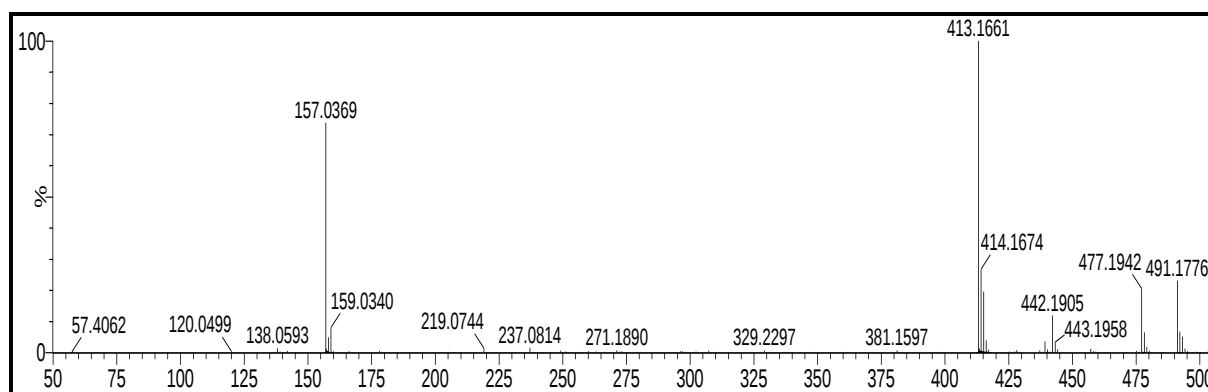


Figure S12: HRMS Spectrum of Compound **4c**

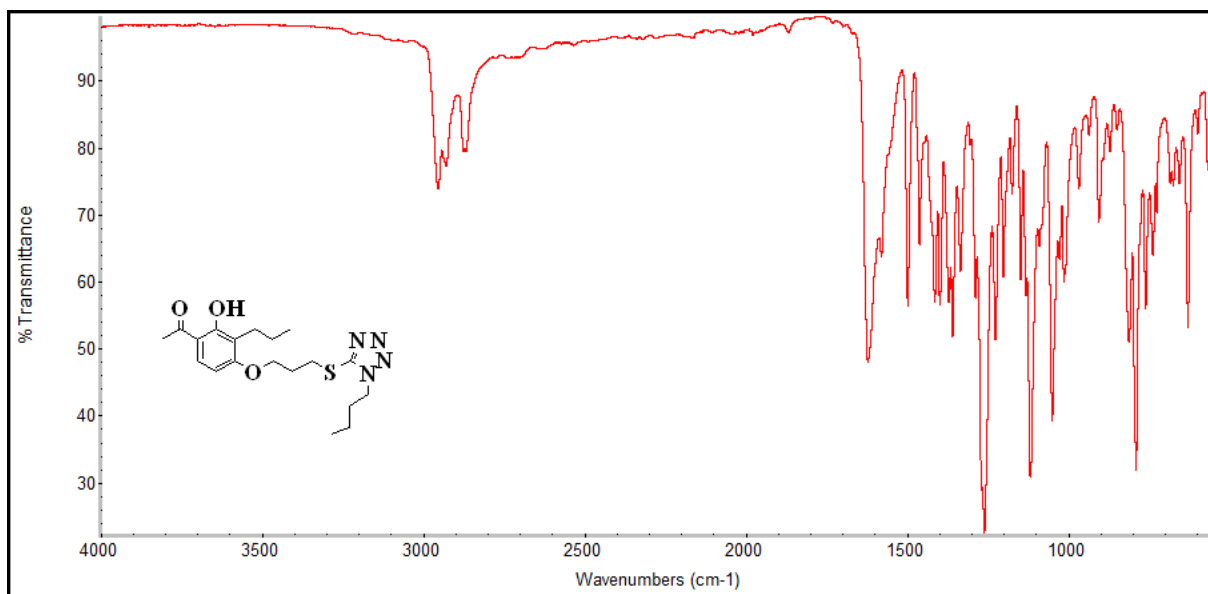


Figure S13: FTIR Spectrum of Compound 4d

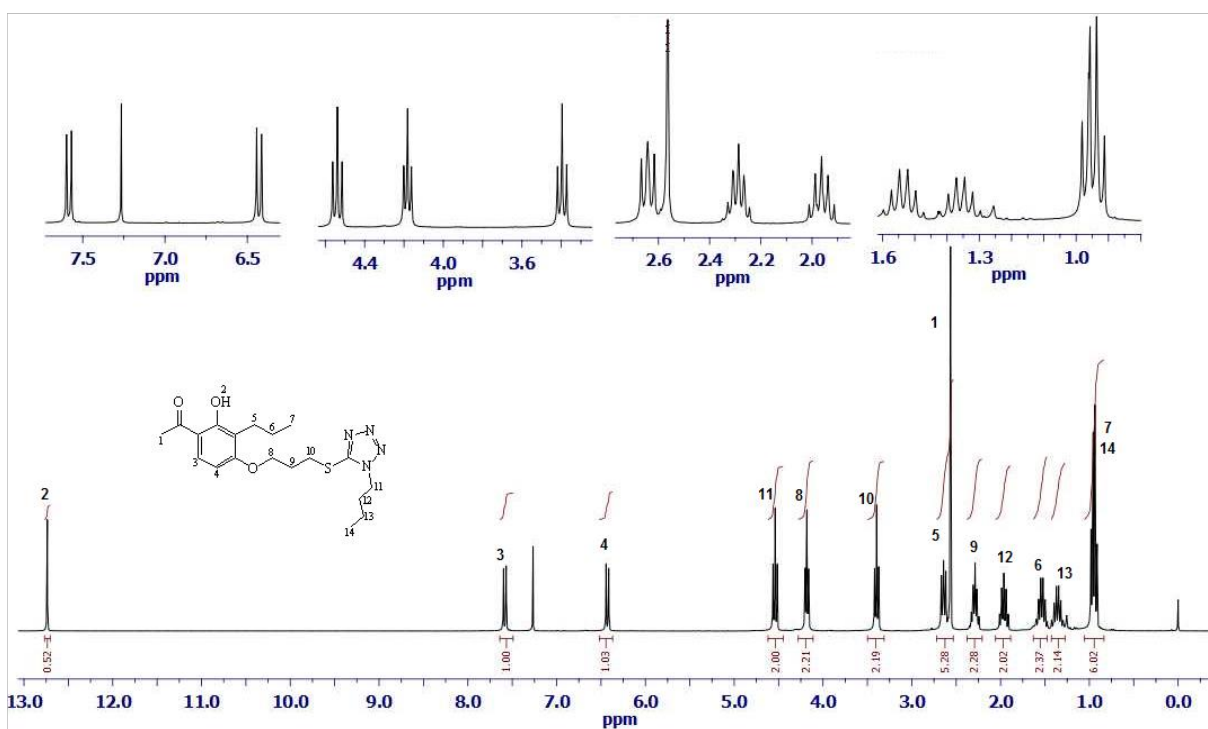


Figure S14: ^1H -NMR Spectrum of Compound 4d

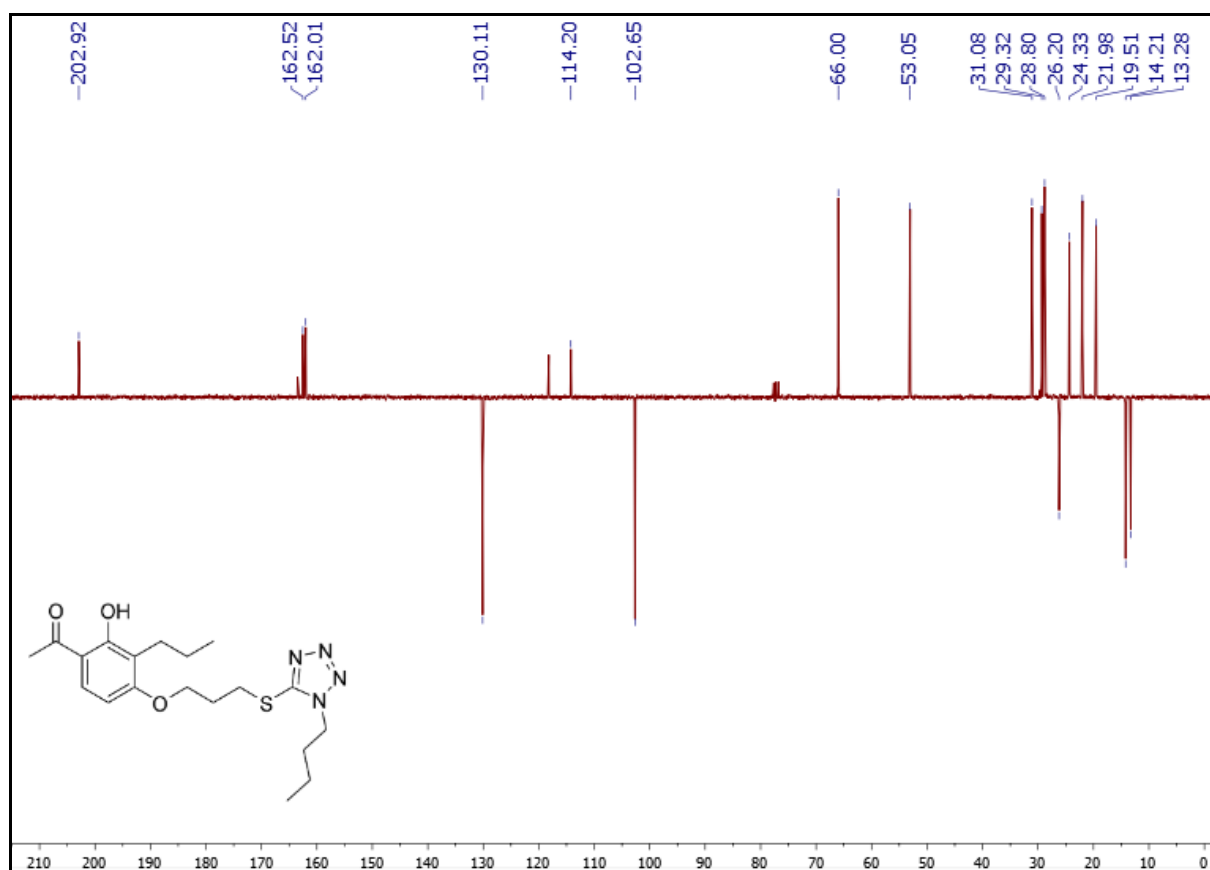


Figure S15: ^{13}C -APT Spectrum of Compound 4d

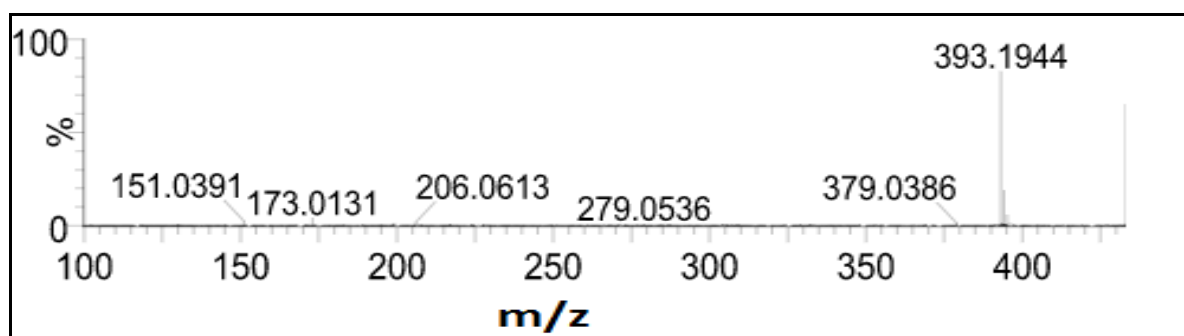


Figure S16: HRMS Spectrum of Compound 4d

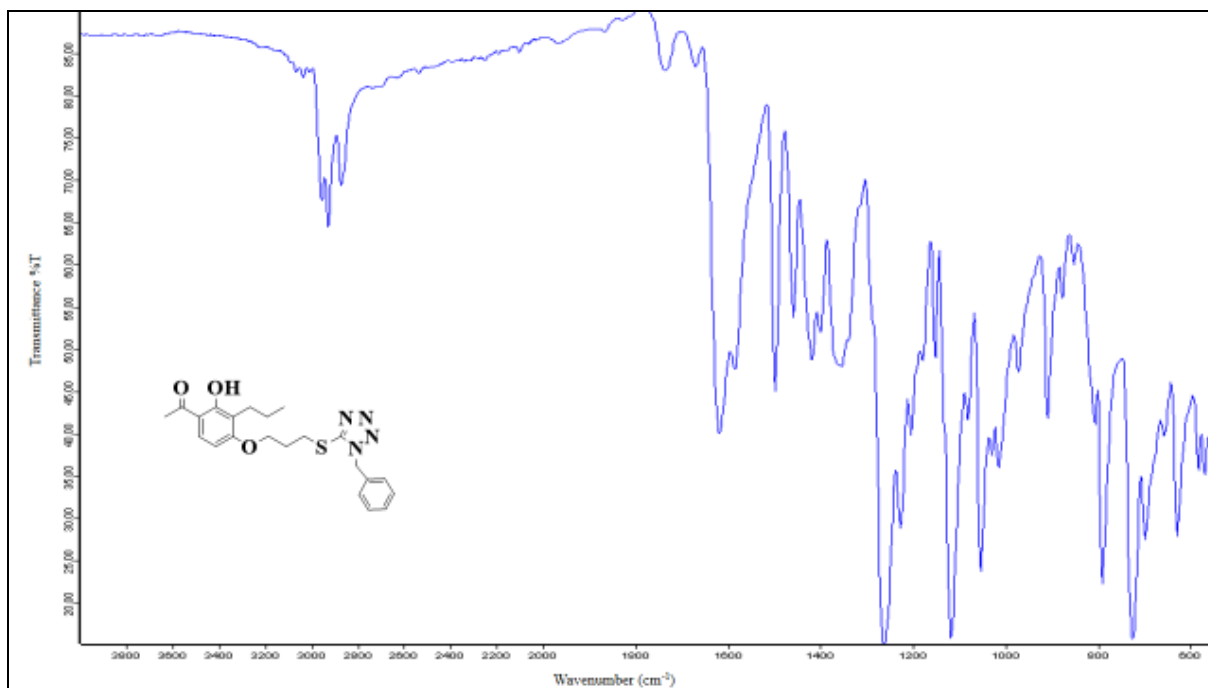


Figure S17: FTIR Spectrum of Compound **4e**

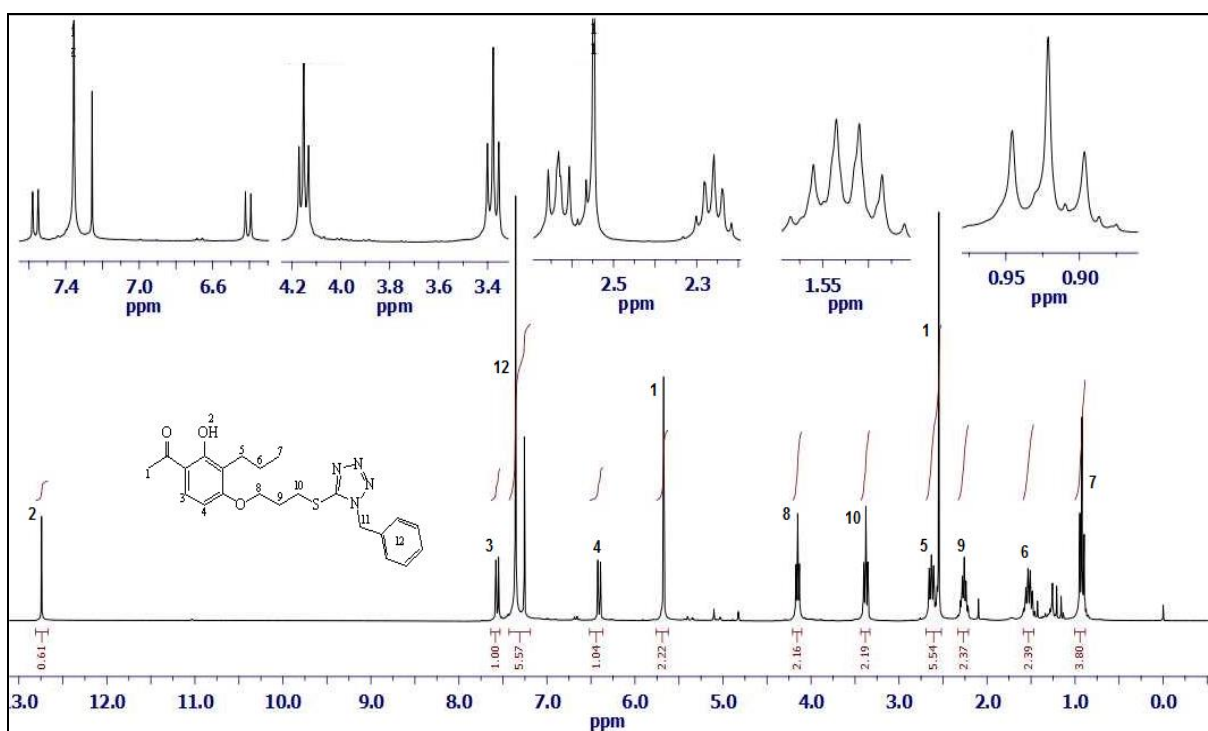


Figure S18: ^1H -NMR Spectrum of Compound **4e**

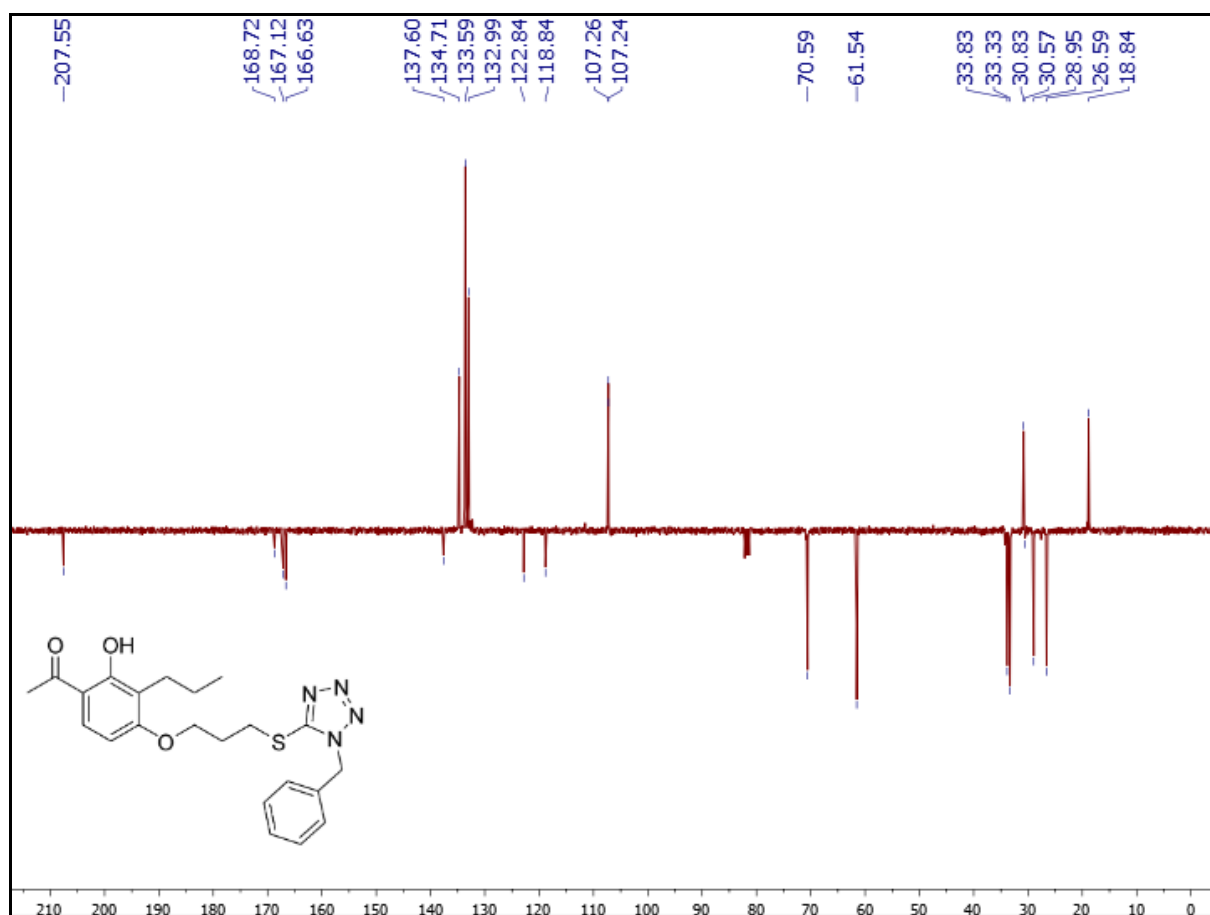


Figure S19: ¹³C-APT Spectrum of Compound 4e

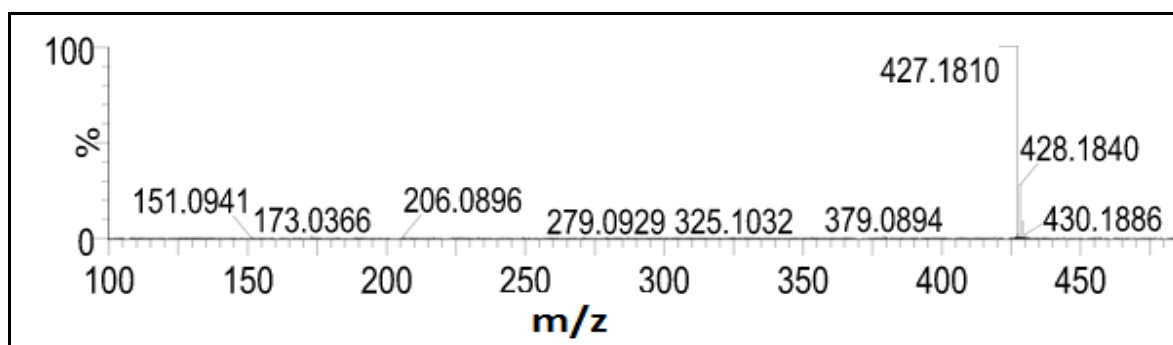


Figure S20: HRMS Spectrum of Compound 4e

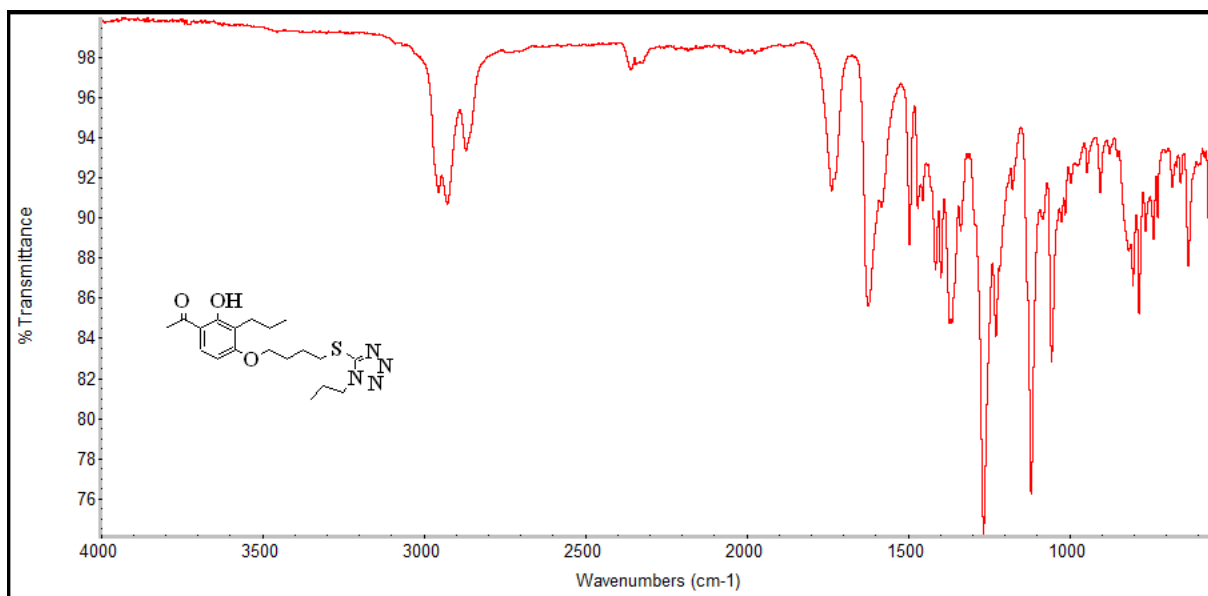


Figure S21: FTIR Spectrum of Compound **4f**

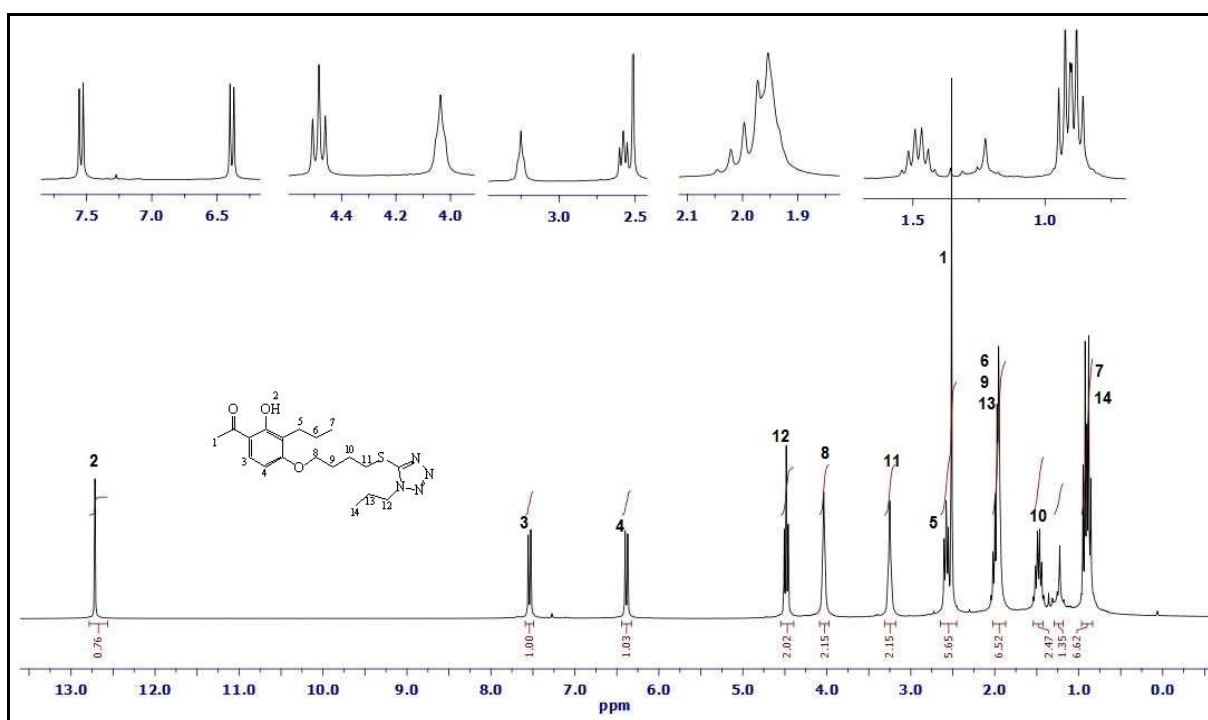


Figure S22: ^1H -NMR Spectrum of Compound **4f**

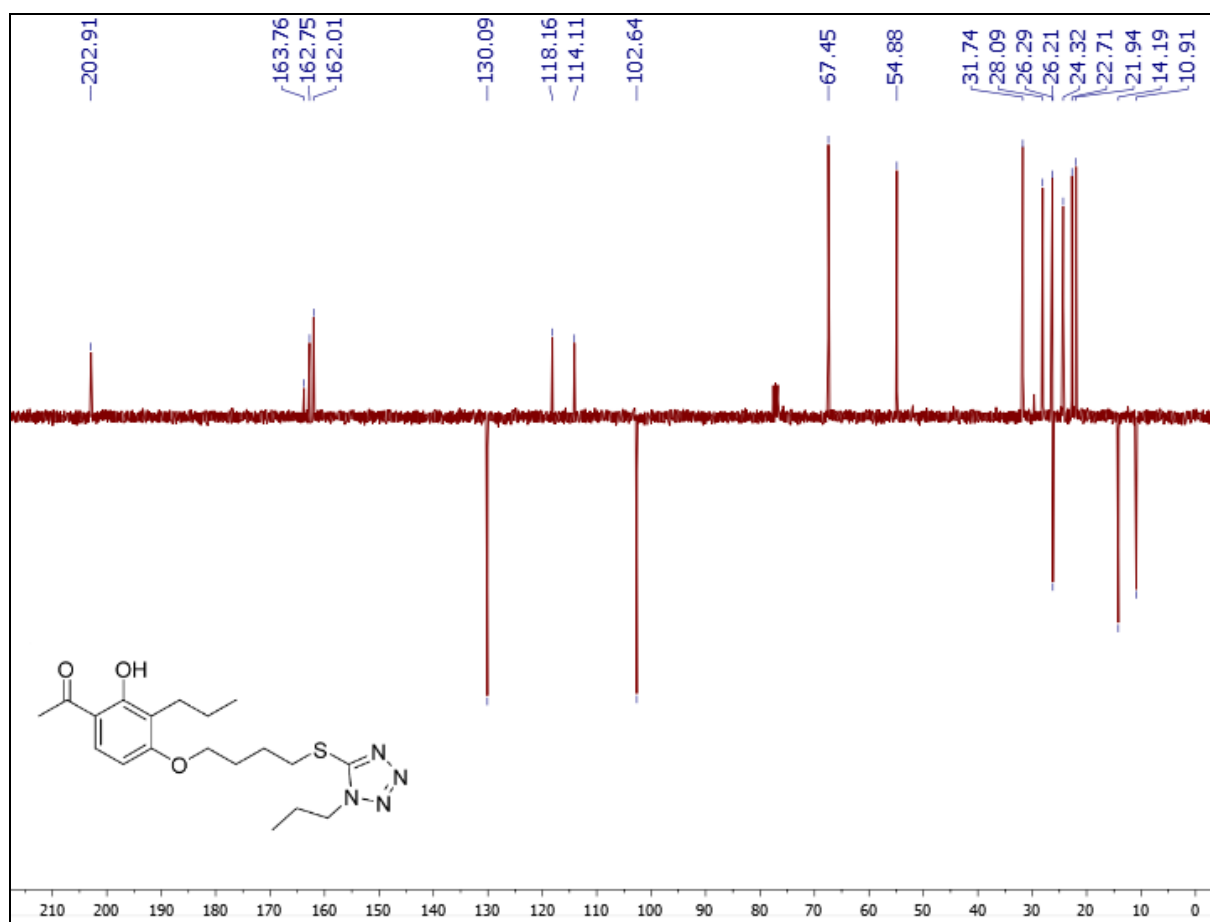


Figure S23: ^{13}C -APT Spectrum of Compound **4f**

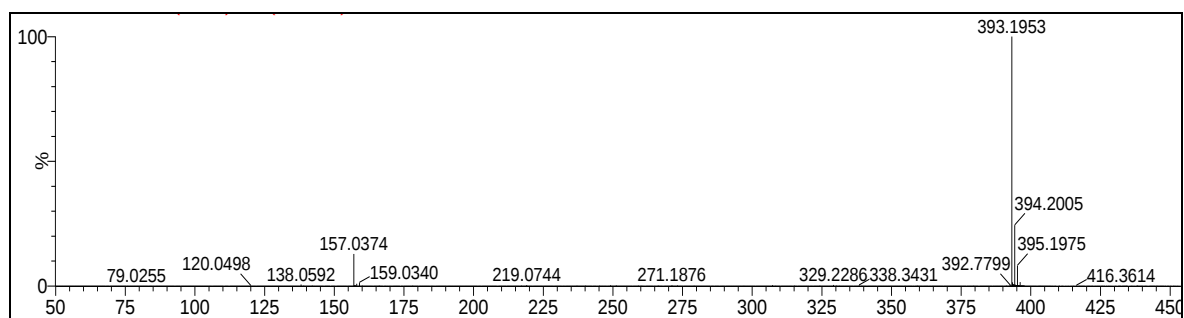


Figure S24: HRMS Spectrum of Compound **4f**

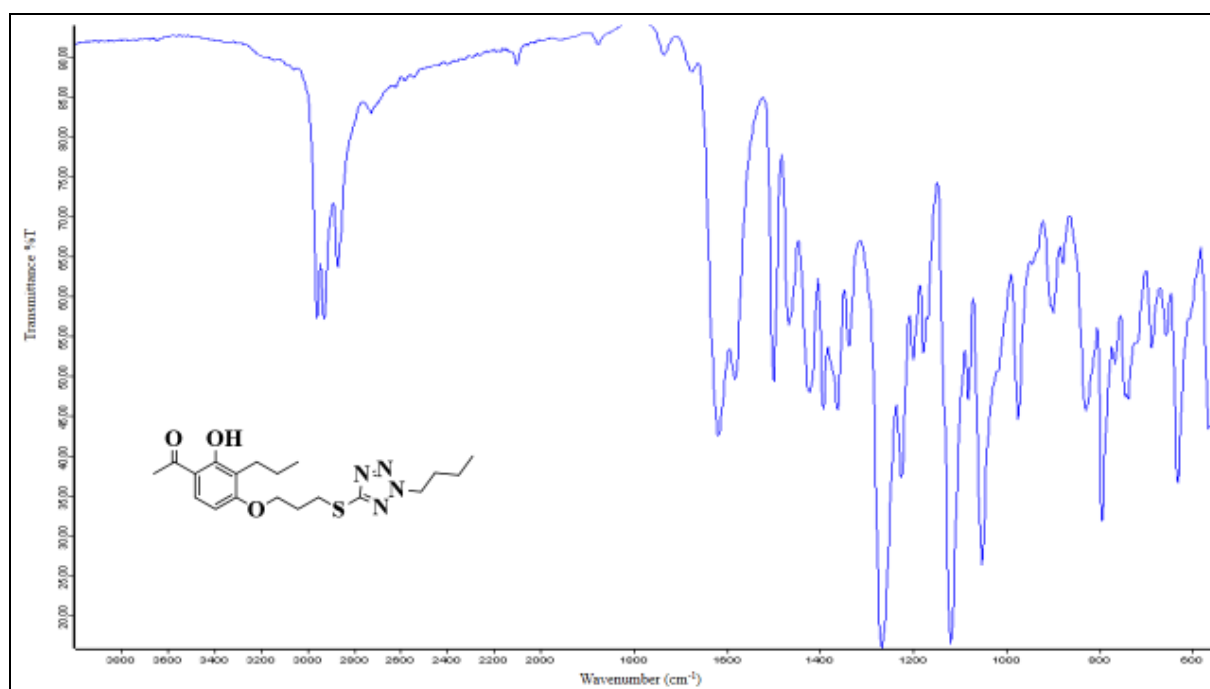


Figure S25: FTIR Spectrum of Compound 5d

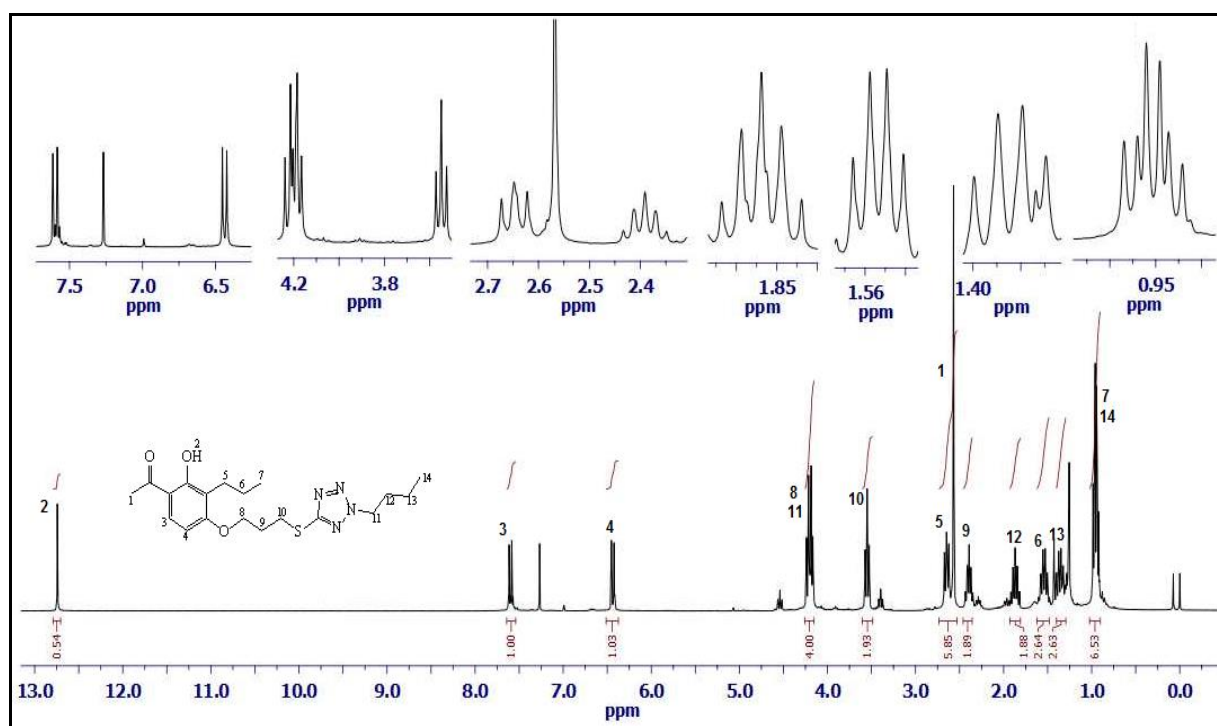


Figure S26: ¹H-NMR Spectrum of Compound 5d

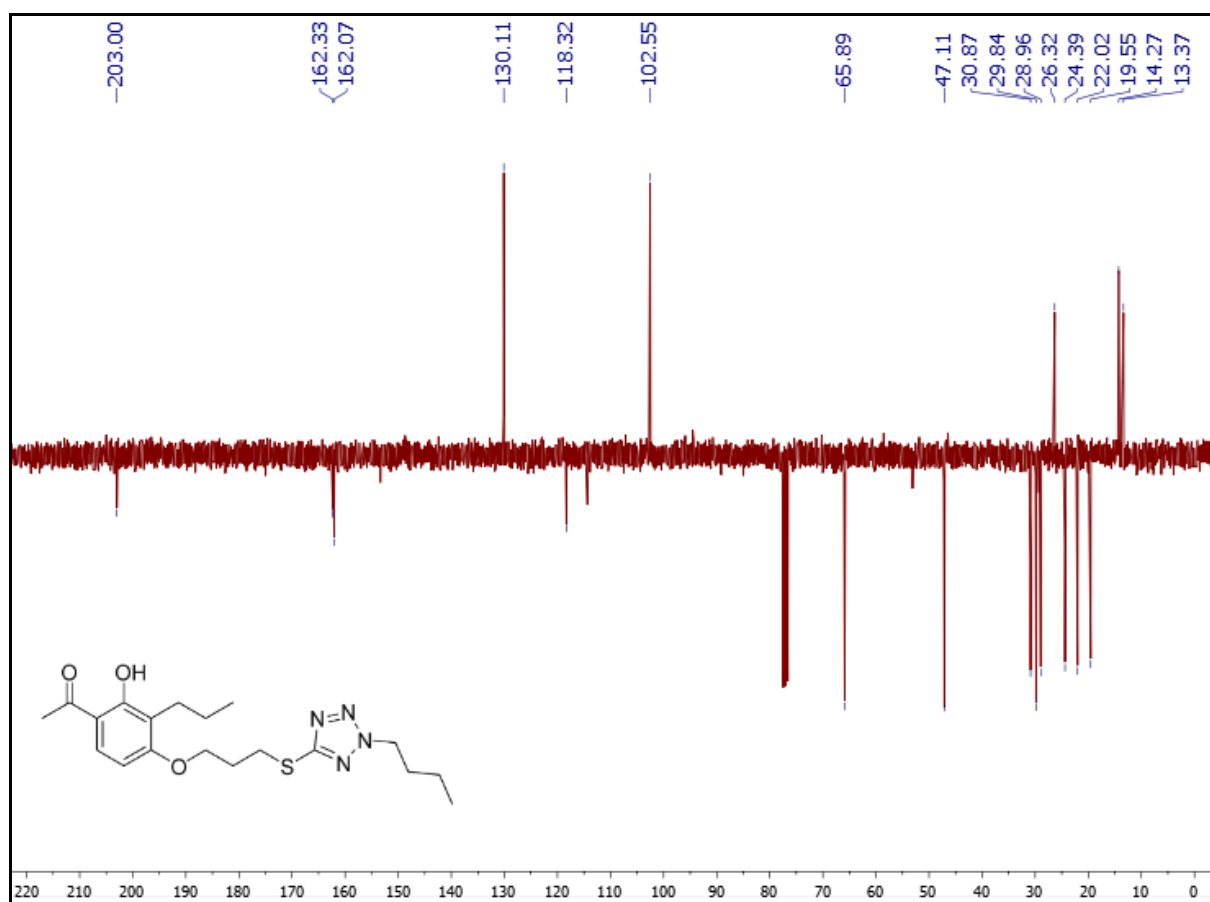


Figure S27: ^{13}C -APT Spectrum of Compound 5d

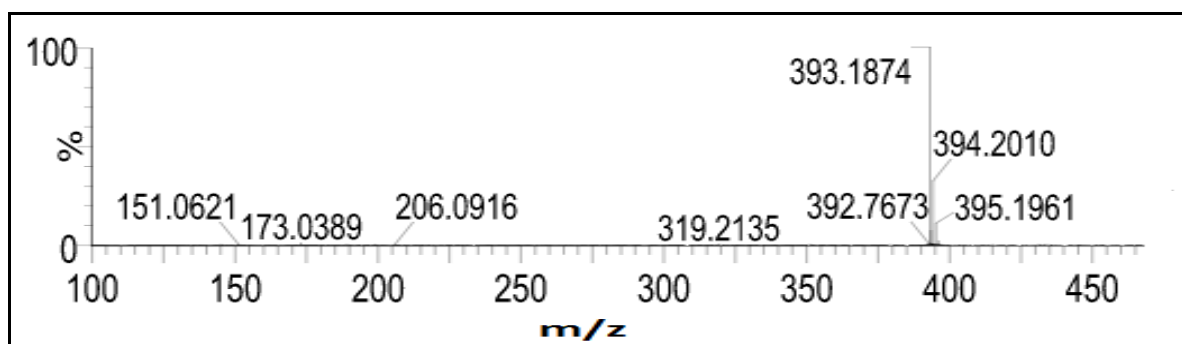


Figure S28: HRMS Spectrum of Compound 5d

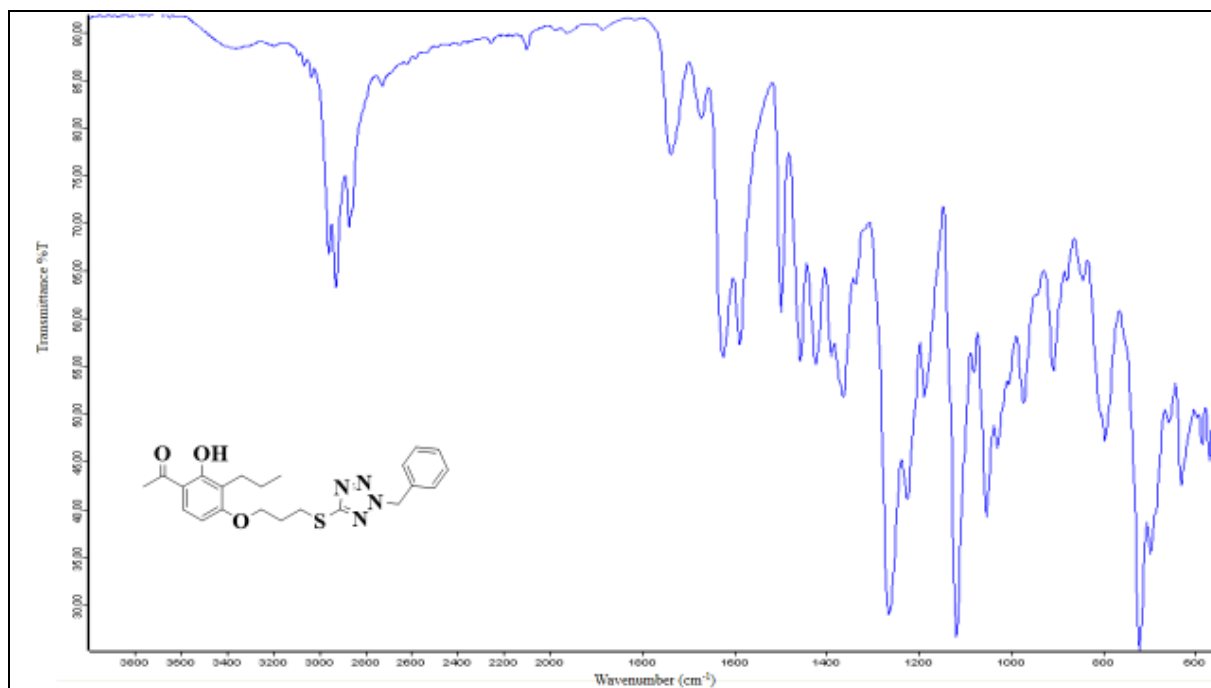


Figure S29: FTIR Spectrum of Compound **5e**

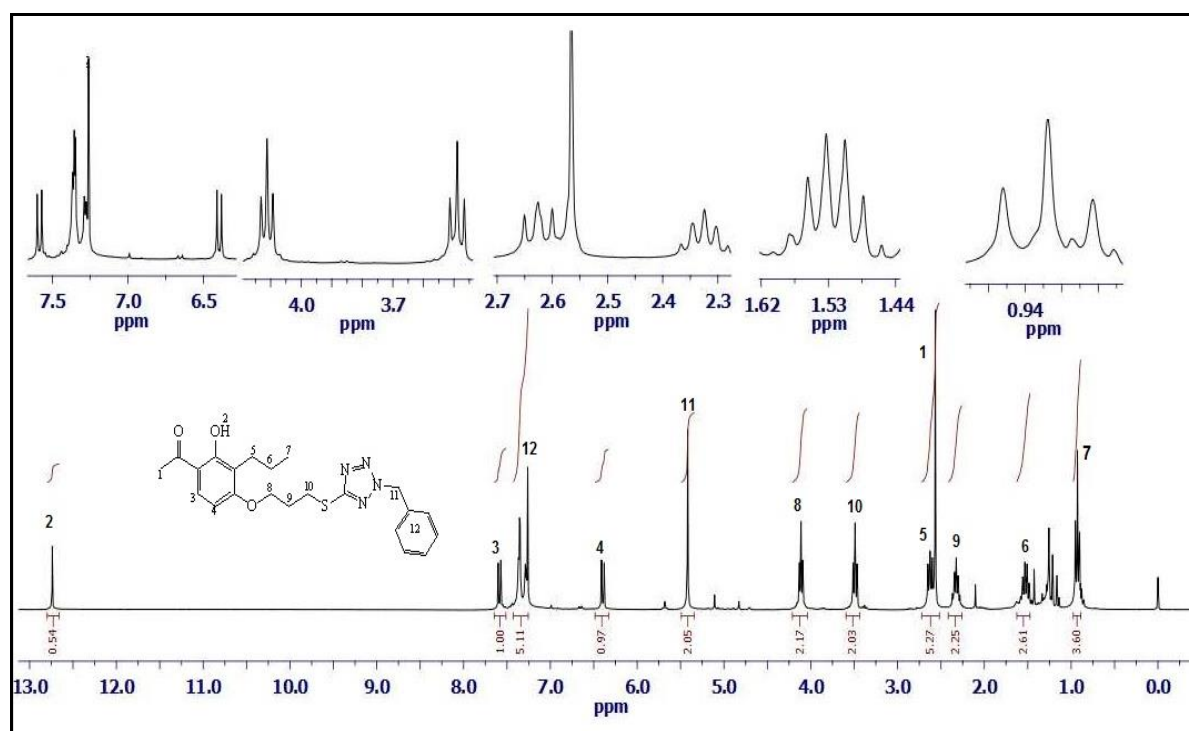


Figure S30: ^1H -NMR Spectrum of Compound **5e**

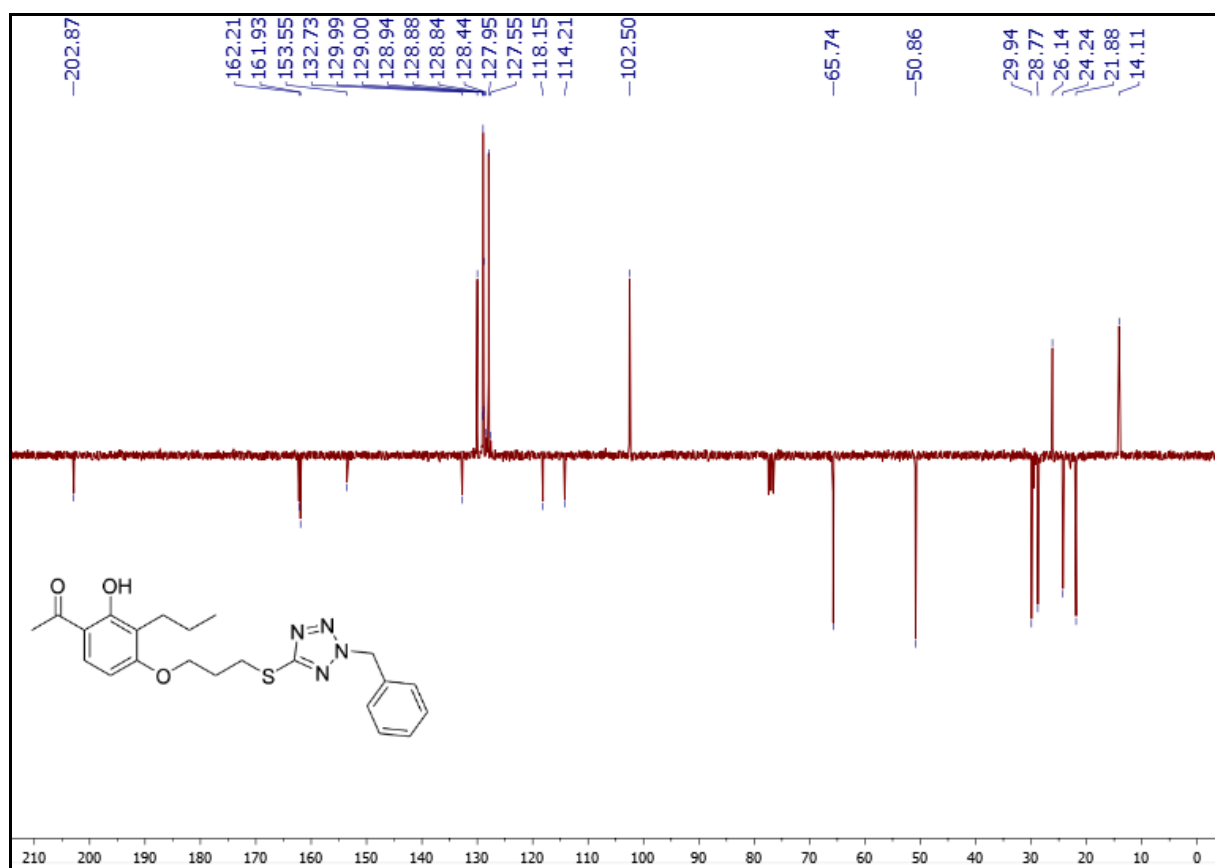


Figure S31: ¹³C-APT Spectrum of Compound 5e

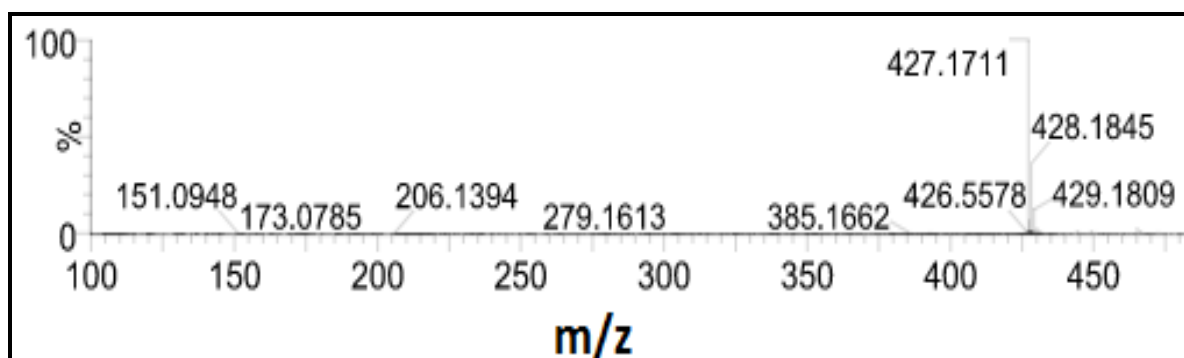


Figure S32: HRMS Spectrum of Compound 5e

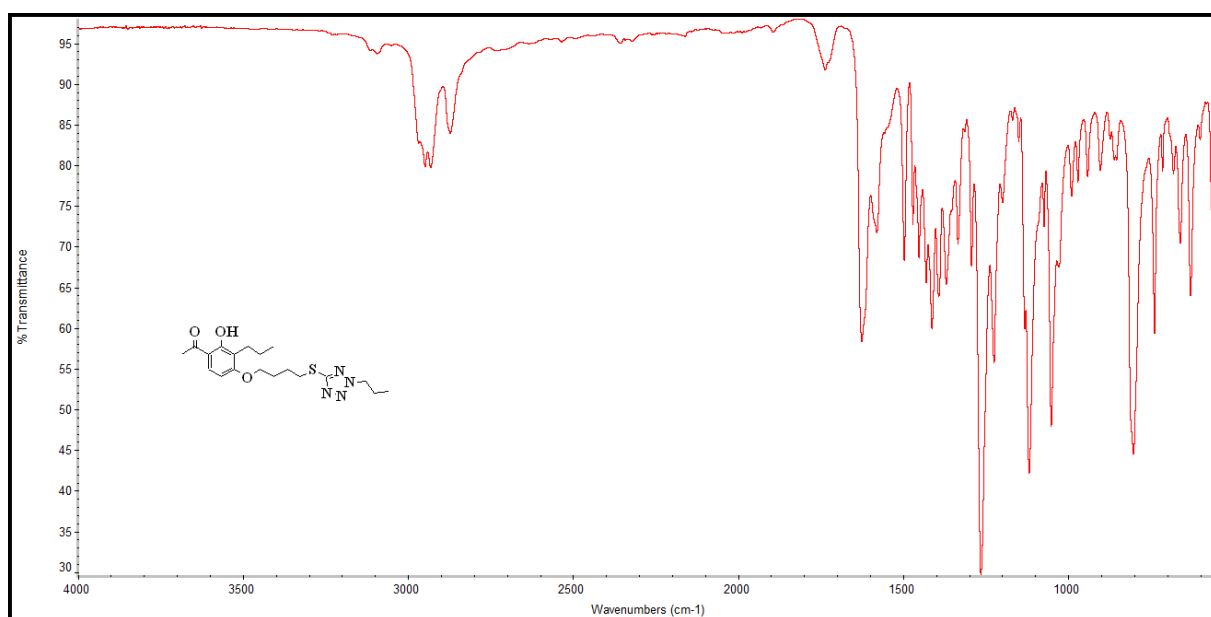


Figure S33: FTIR Spectrum of Compound **5f**

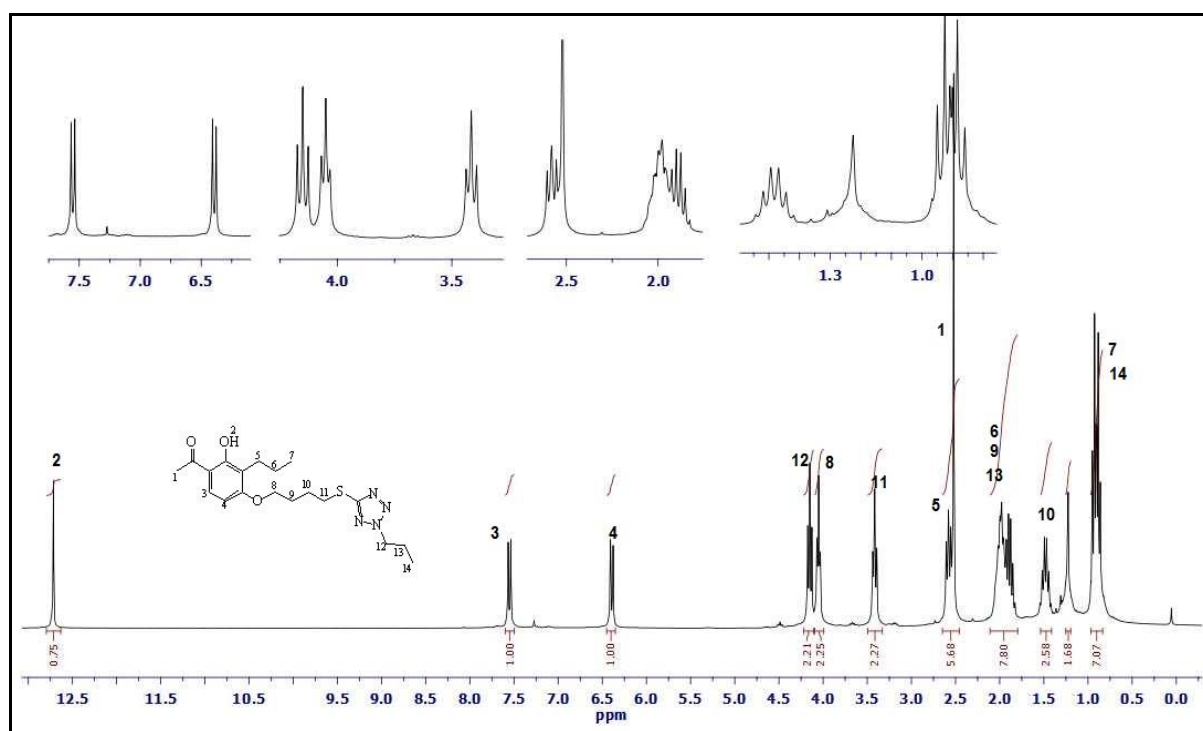


Figure S34: ^1H NMR Spectrum of Compound **5f**

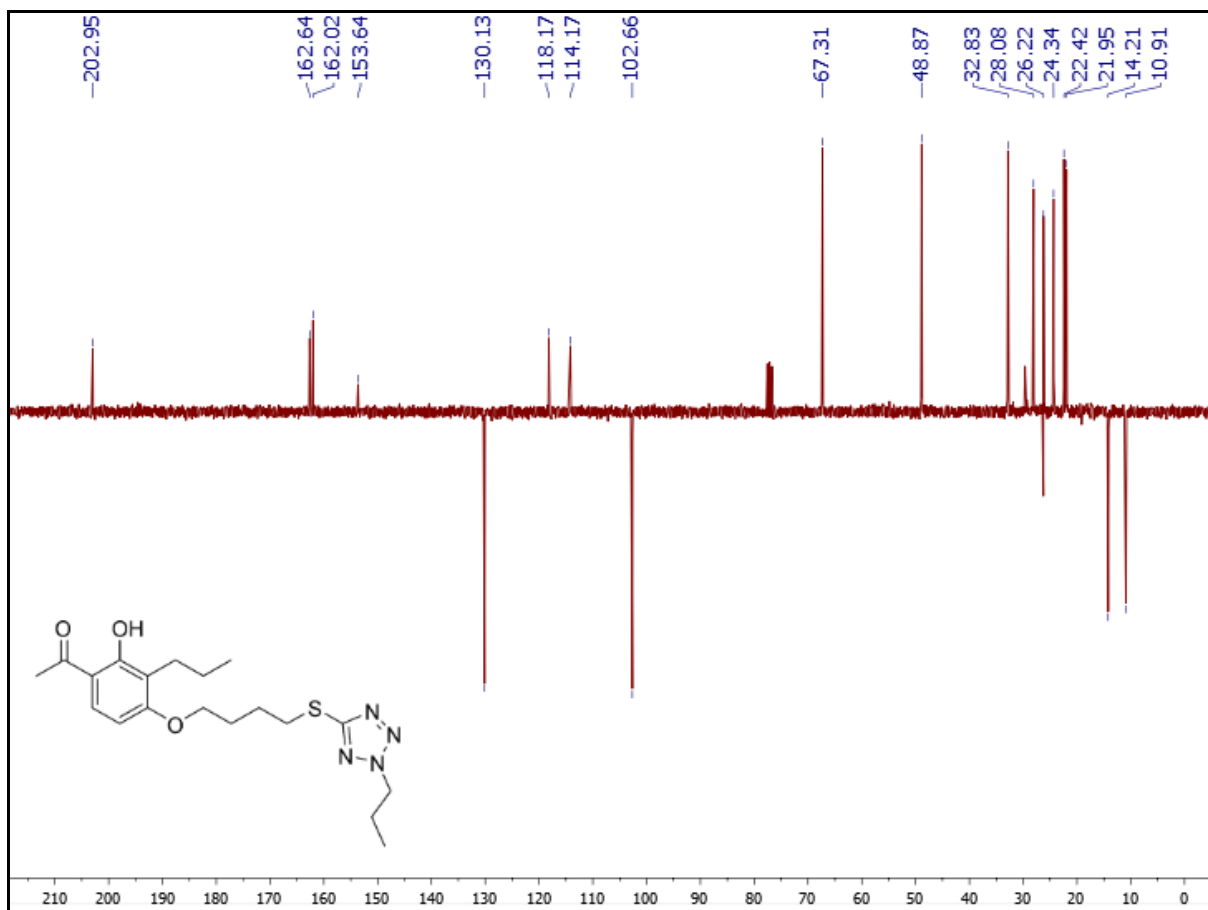


Figure S35: ^{13}C -APT Spectrum of Compound 5f

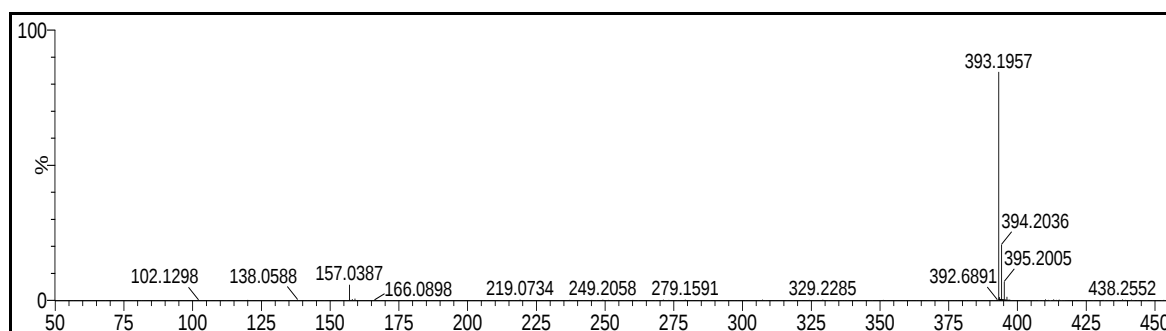


Figure S36: HRMS Spectrum of Compound 5f