Supporting Information

Synthesis of New trans-Ferulic Acid Derivatives as Potential Anticancer Agents and VEGFR-2 Inhibitors

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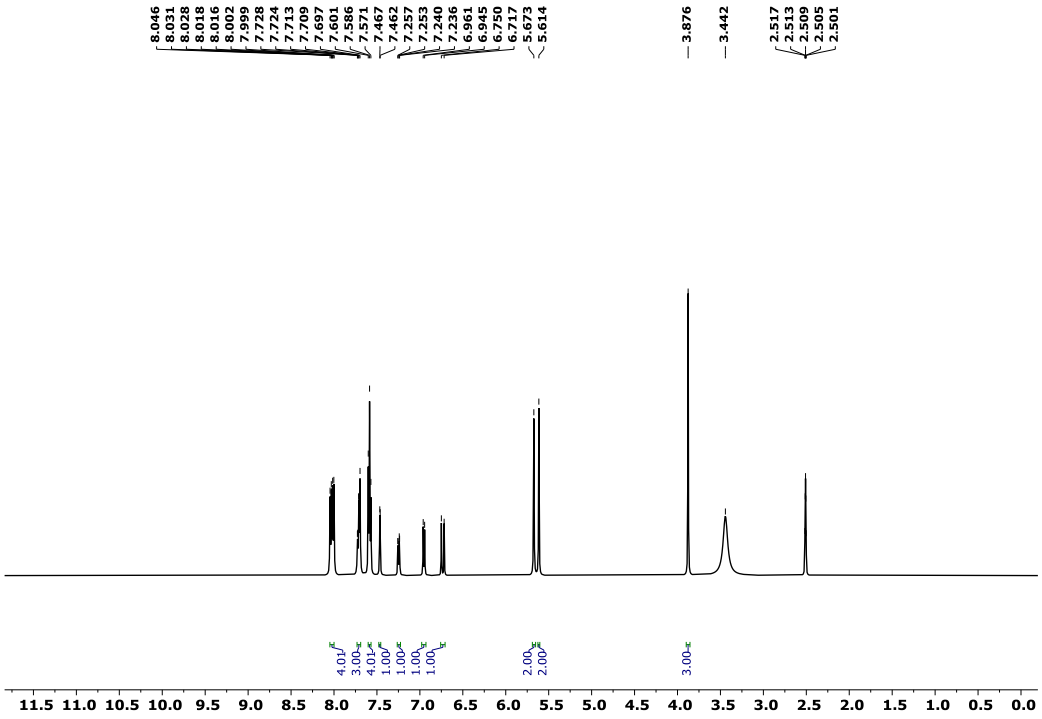

Figure S1. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **4a**

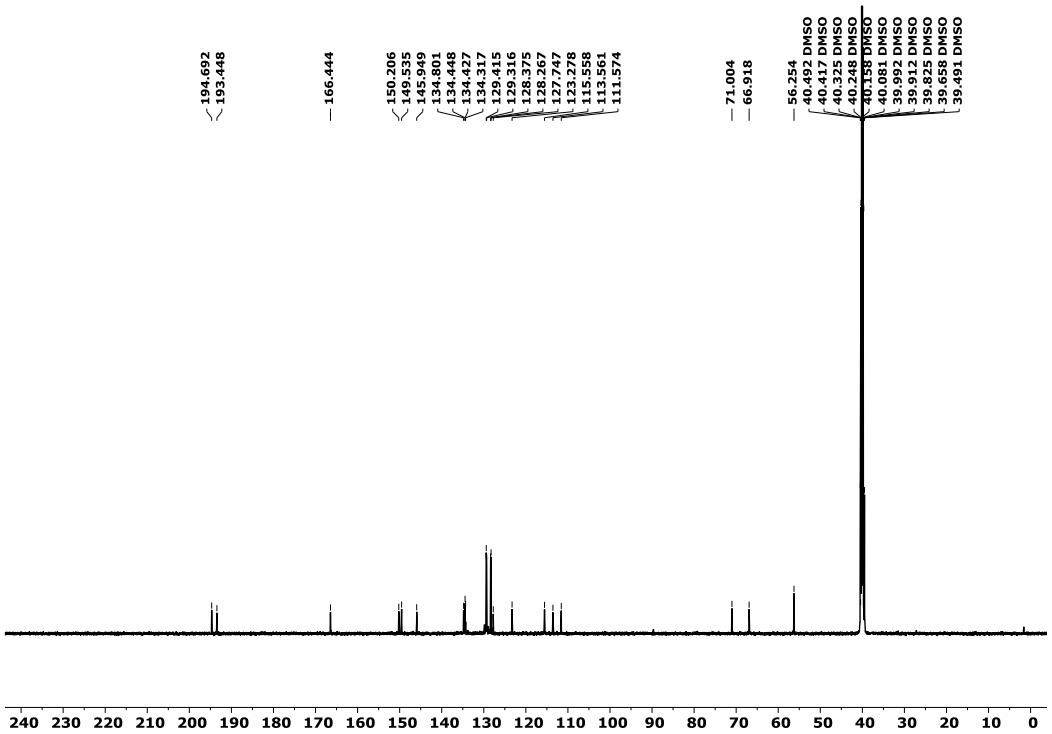

Figure S2. ^{13}C NMR (125 MHz, DMSO-d_6) spectrum of compound **4a**

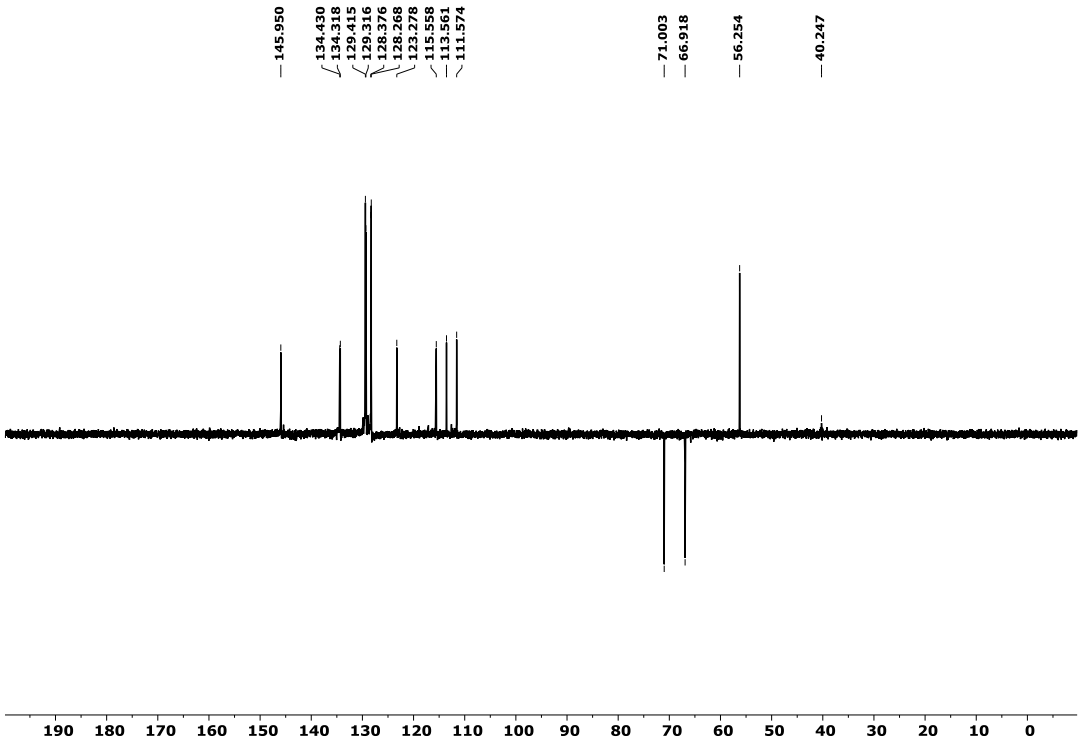

Figure S3. DEPT-135 (125 MHz, DMSO-d_6) spectrum of compound **4a**

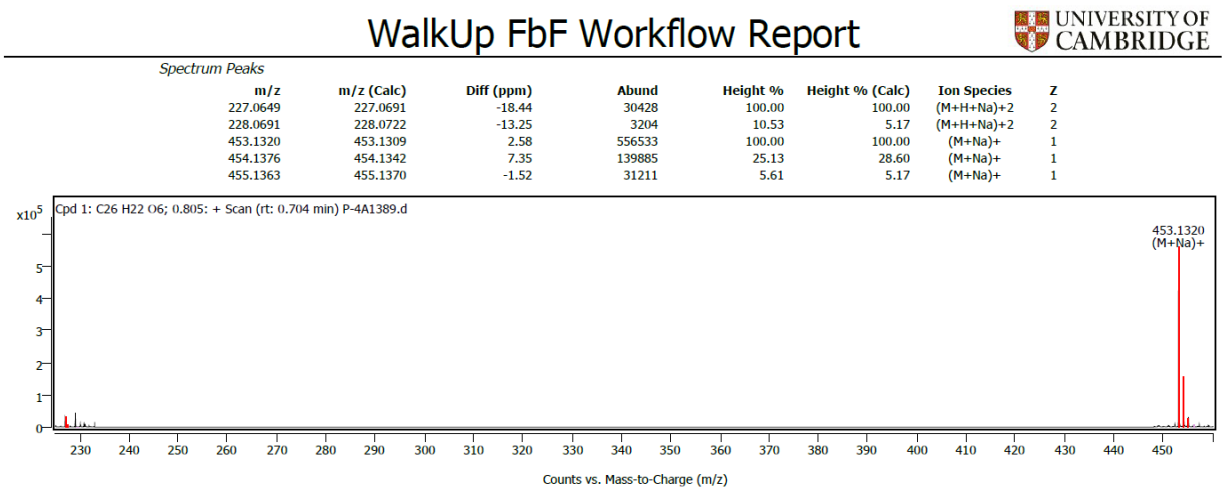

Figure S4. High-resolution mass spectrum of compound **4a**

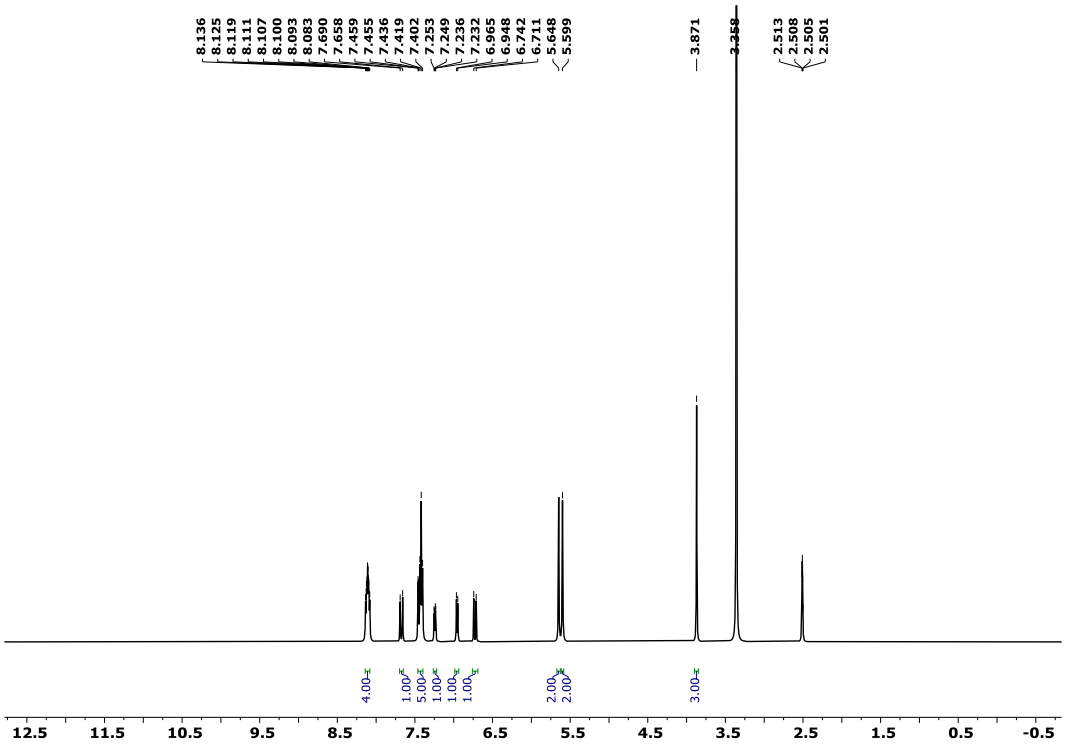

Figure S5. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **4b**

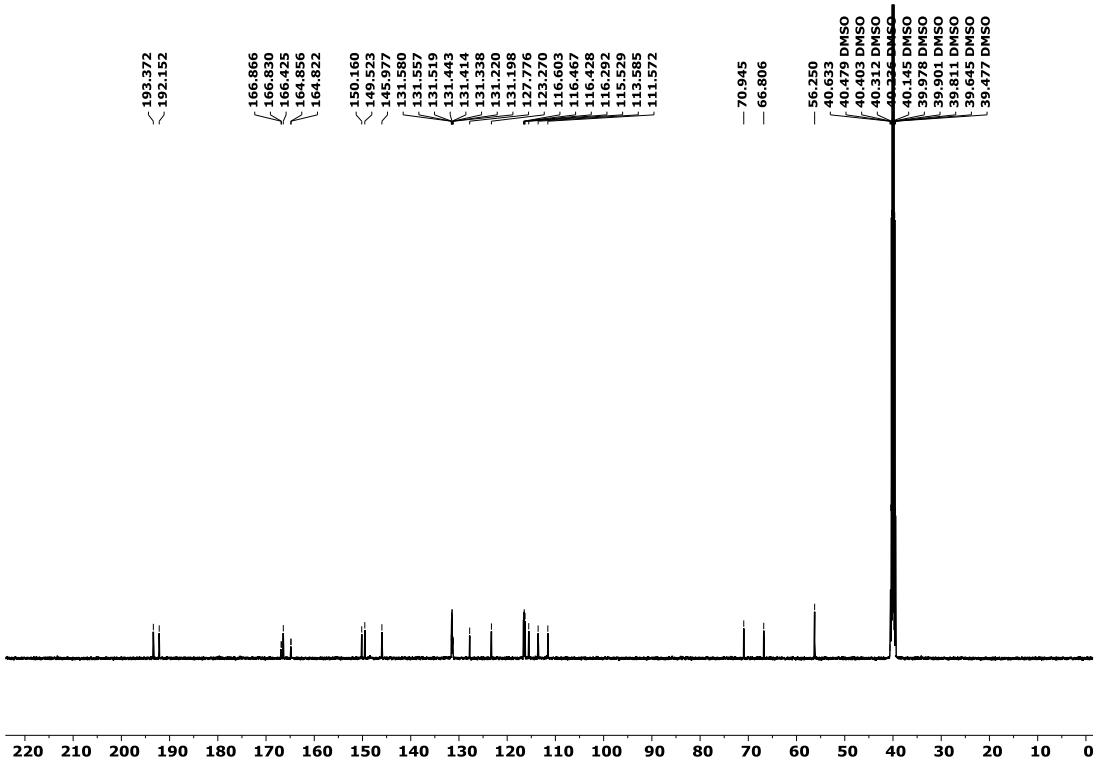

Figure S6. ^{13}C NMR (125 MHz, DMSO-d_6) spectrum of compound **4b**

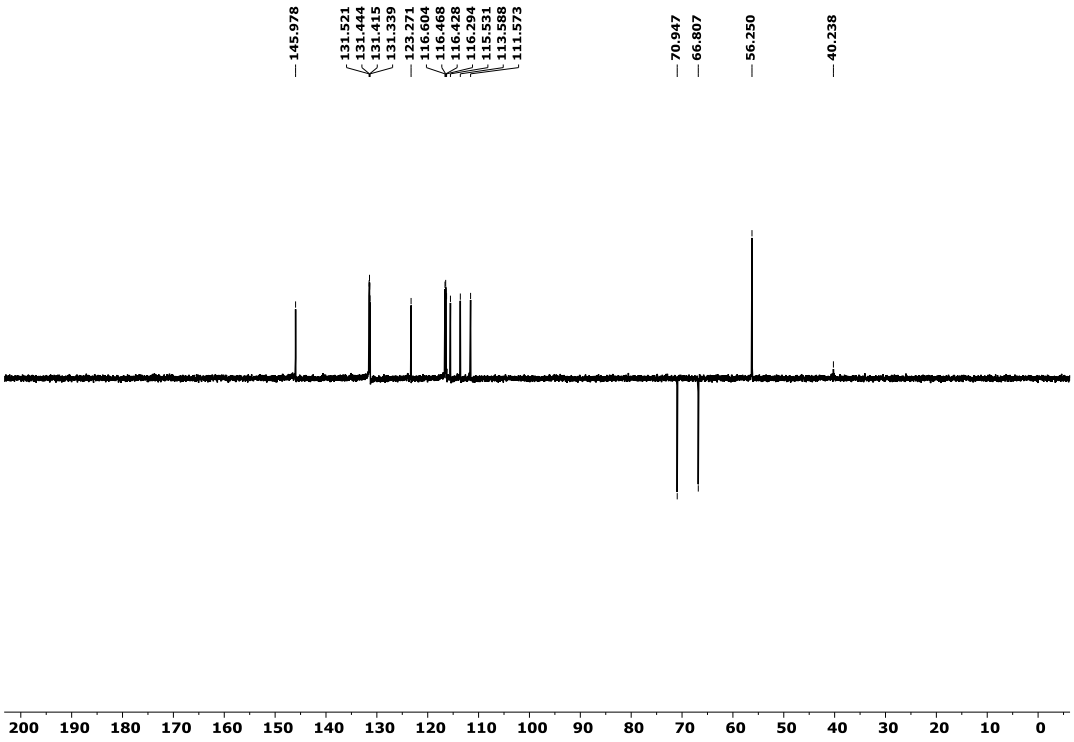

Figure S7. DEPT-135 (125 MHz, DMSO-d_6) spectrum of compound **4b**

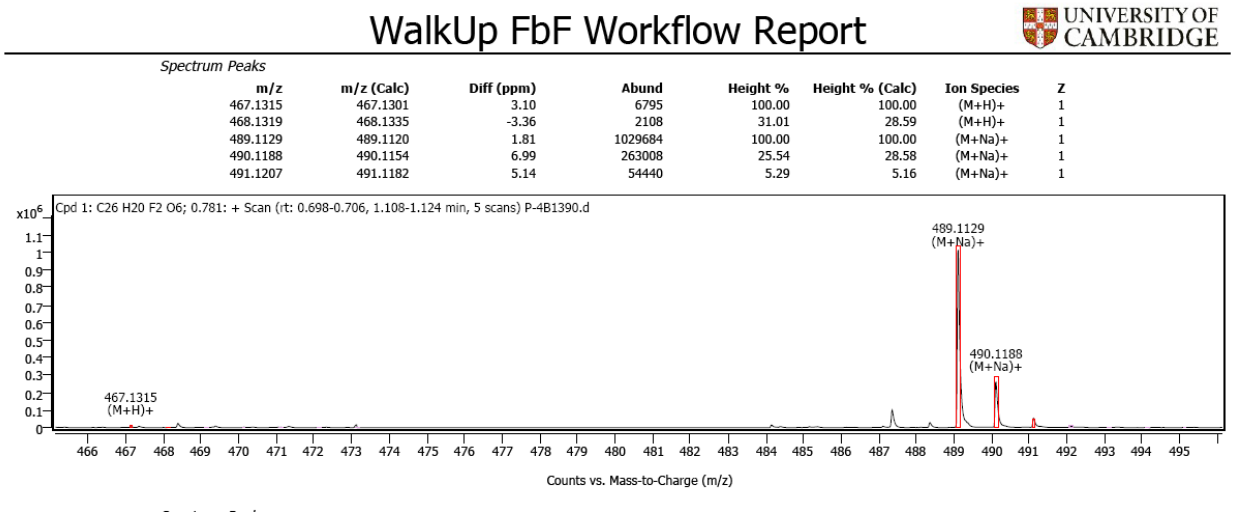

Figure S8. High-resolution mass spectrum of compound **4b**

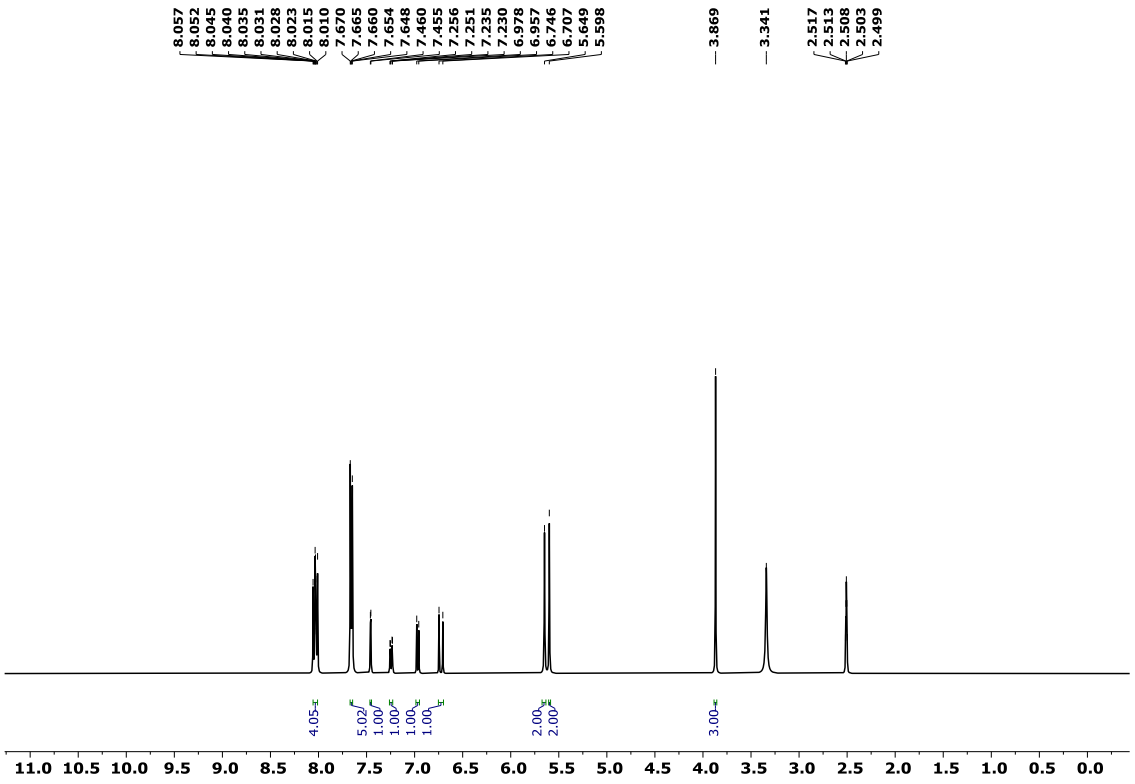

Figure S9. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **4c**

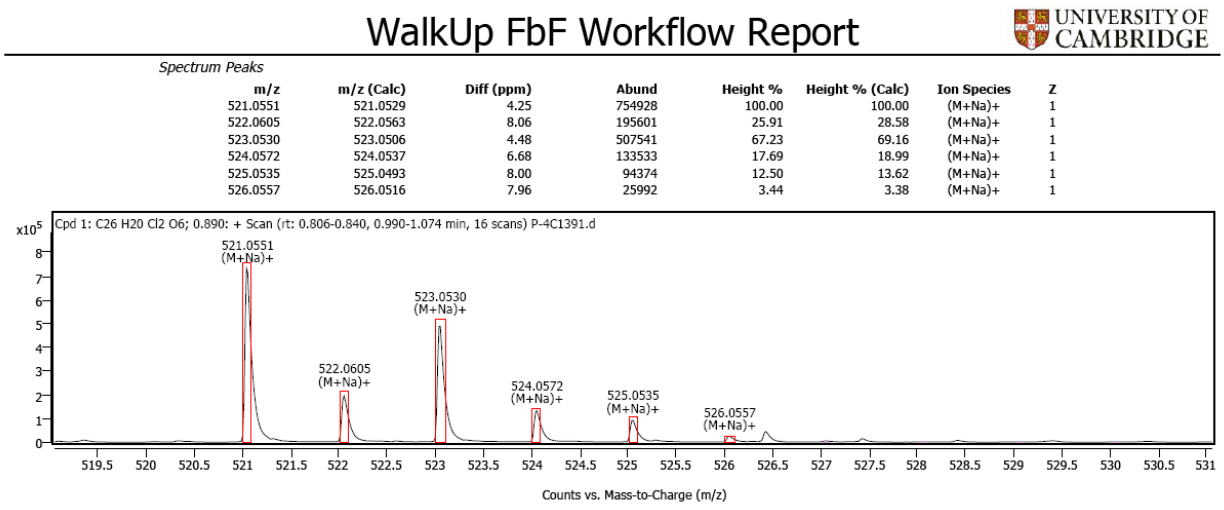

Figure S10. High-resolution mass spectrum of compound **4c**

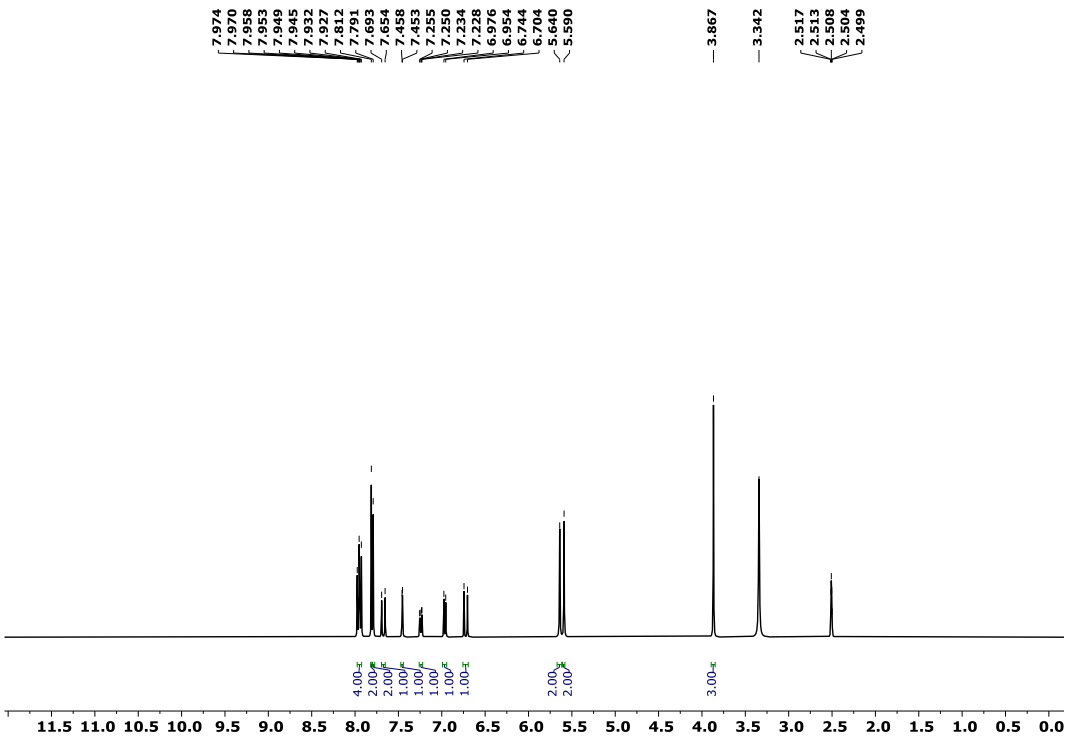

Figure S11. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **4d**

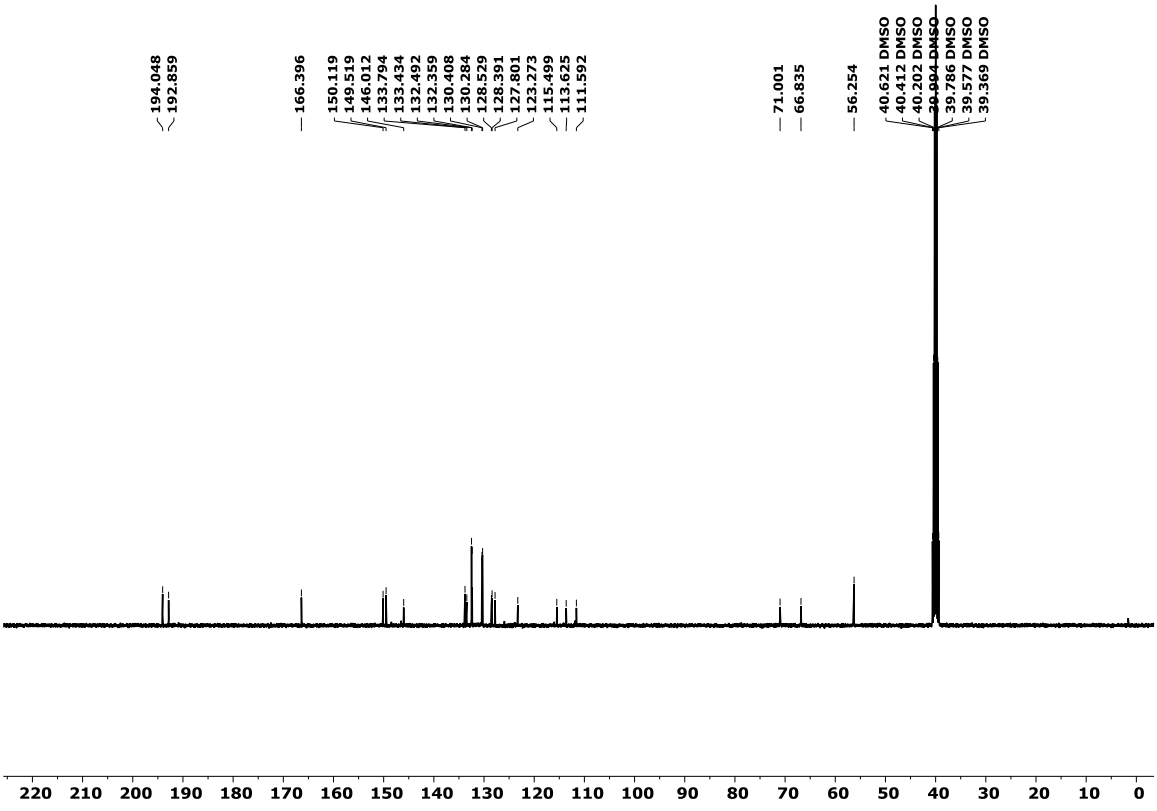

Figure S12. ^{13}C NMR (125 MHz, DMSO-d_6) spectrum of compound **4d**

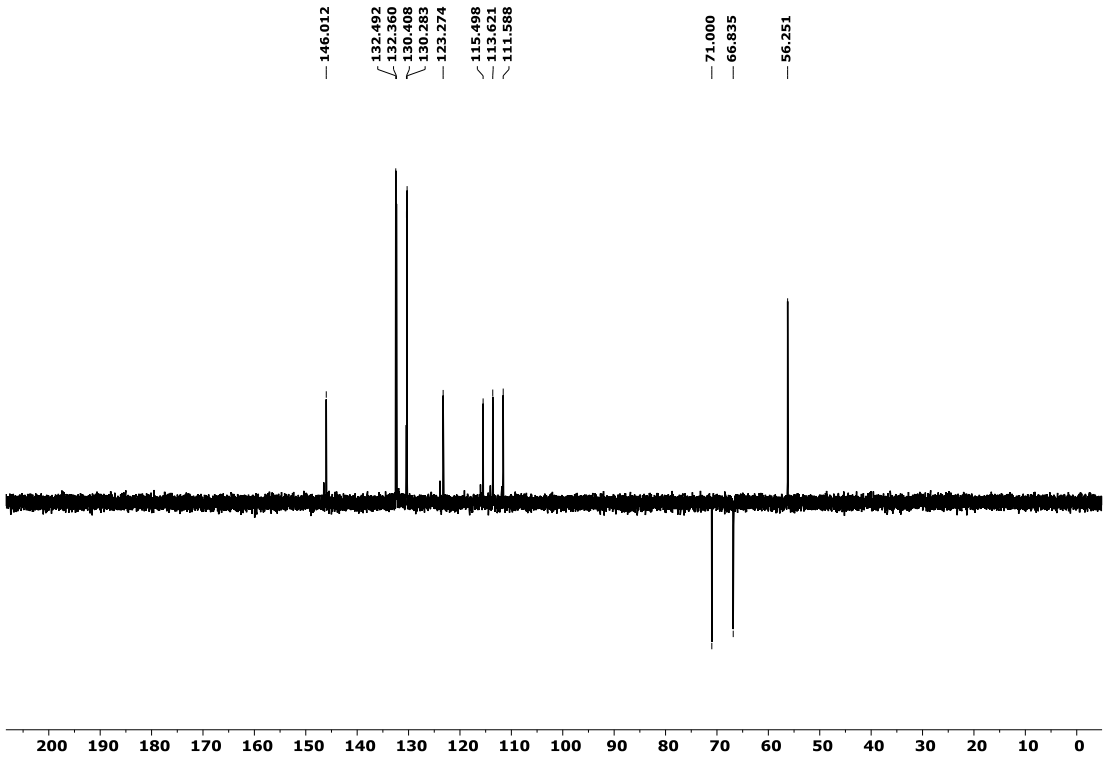

Figure S13. DEPT-135 (125 MHz, DMSO-d_6) spectrum of compound **4d**

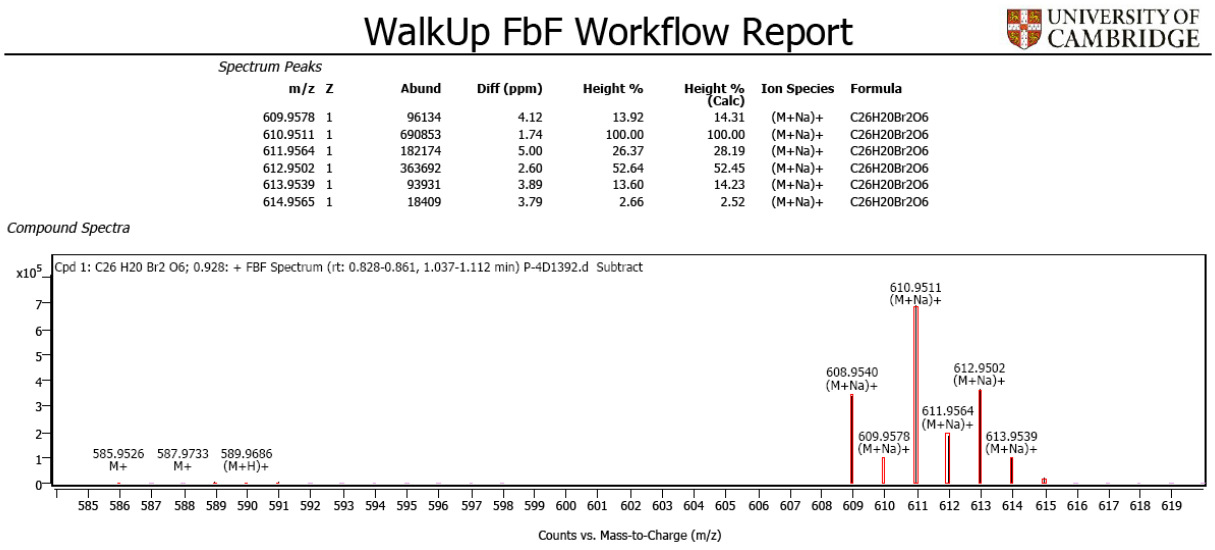

Figure S14. High-resolution mass spectrum of compound **4d**

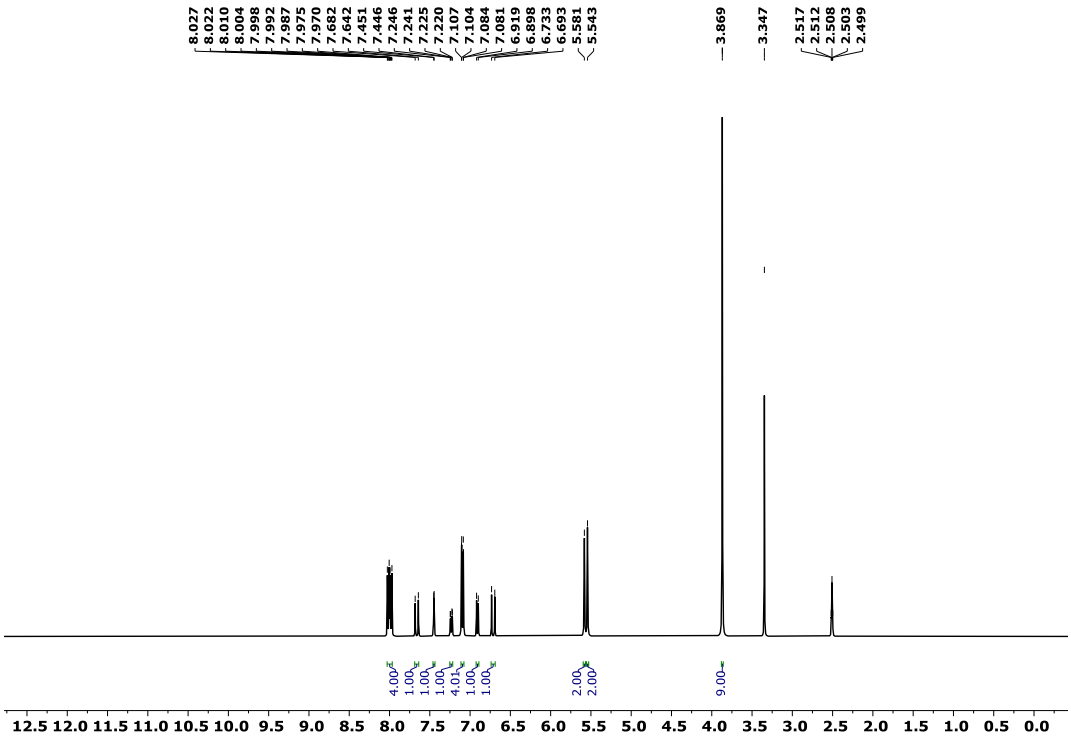

Figure S15. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **4e**

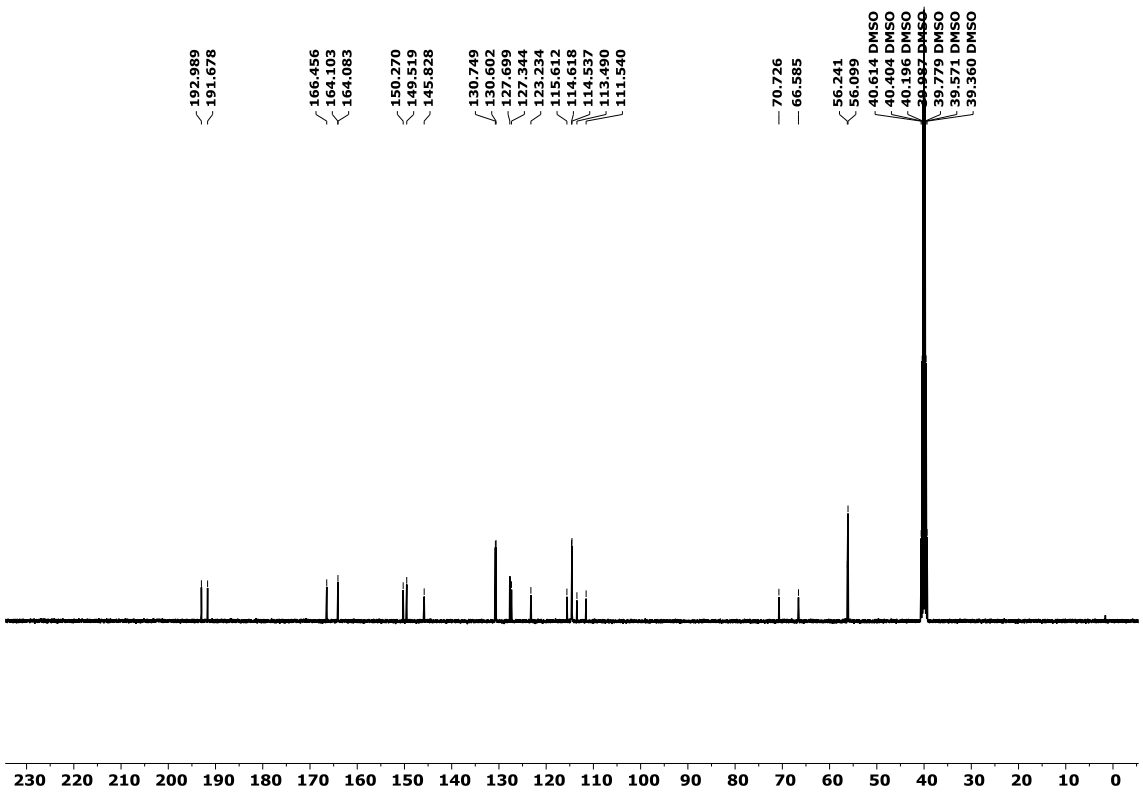

Figure S16. ^{13}C NMR (125 MHz, DMSO-d_6) spectrum of compound **4e**

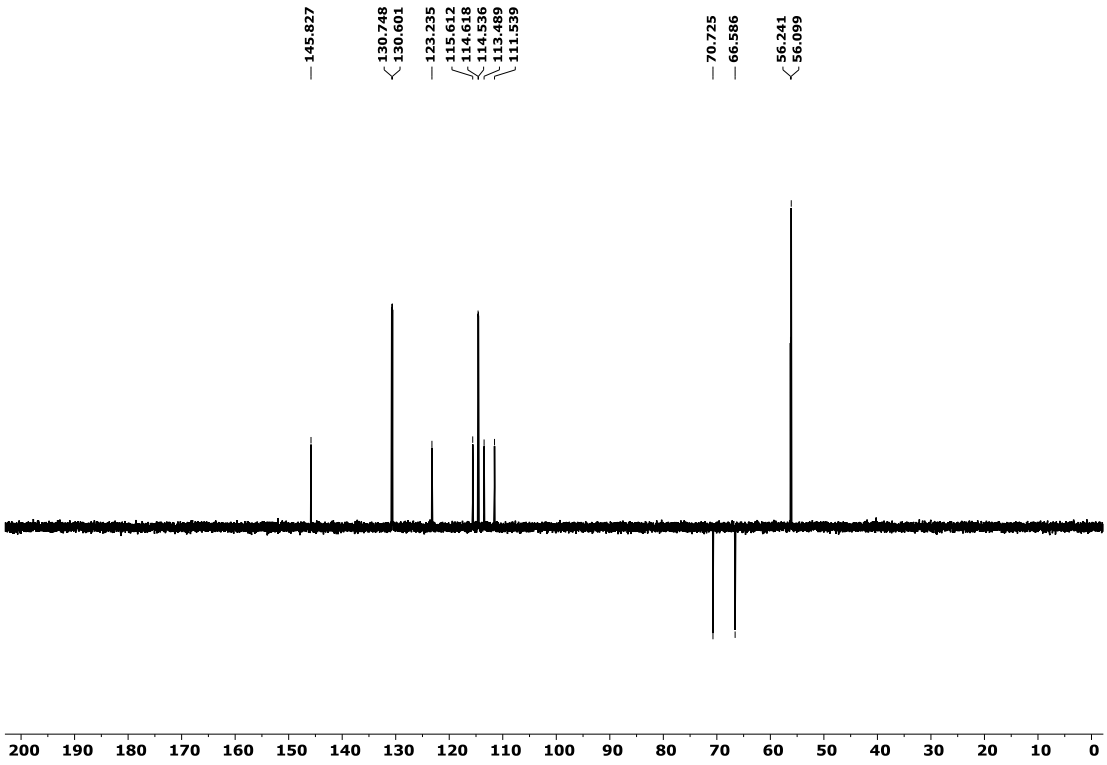

Figure S17. DEPT-135 (125 MHz, DMSO-d_6) spectrum of compound **4e**

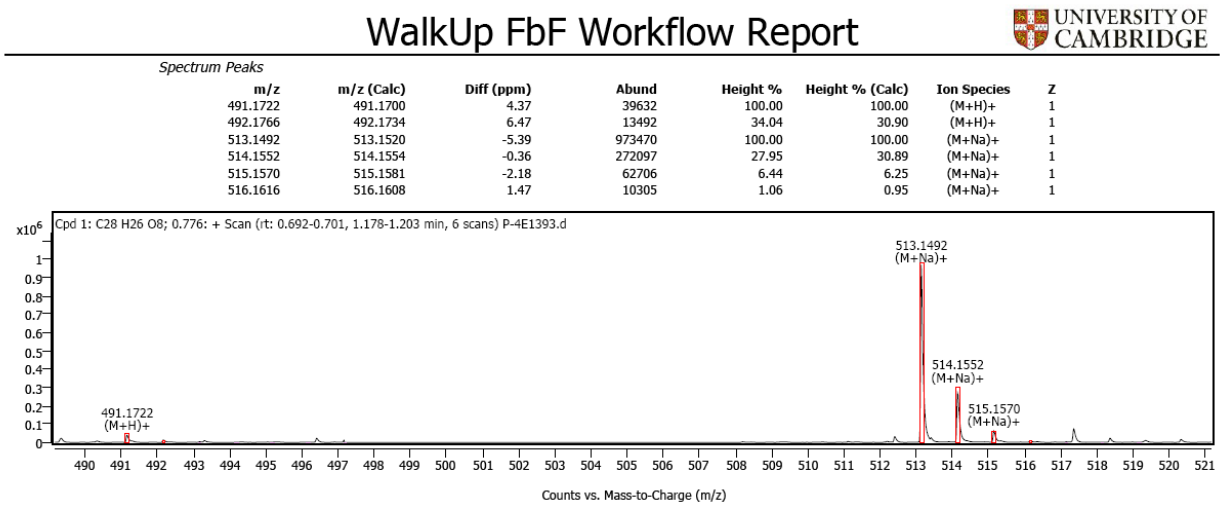

Figure S18. High-resolution mass spectrum of compound **4e**

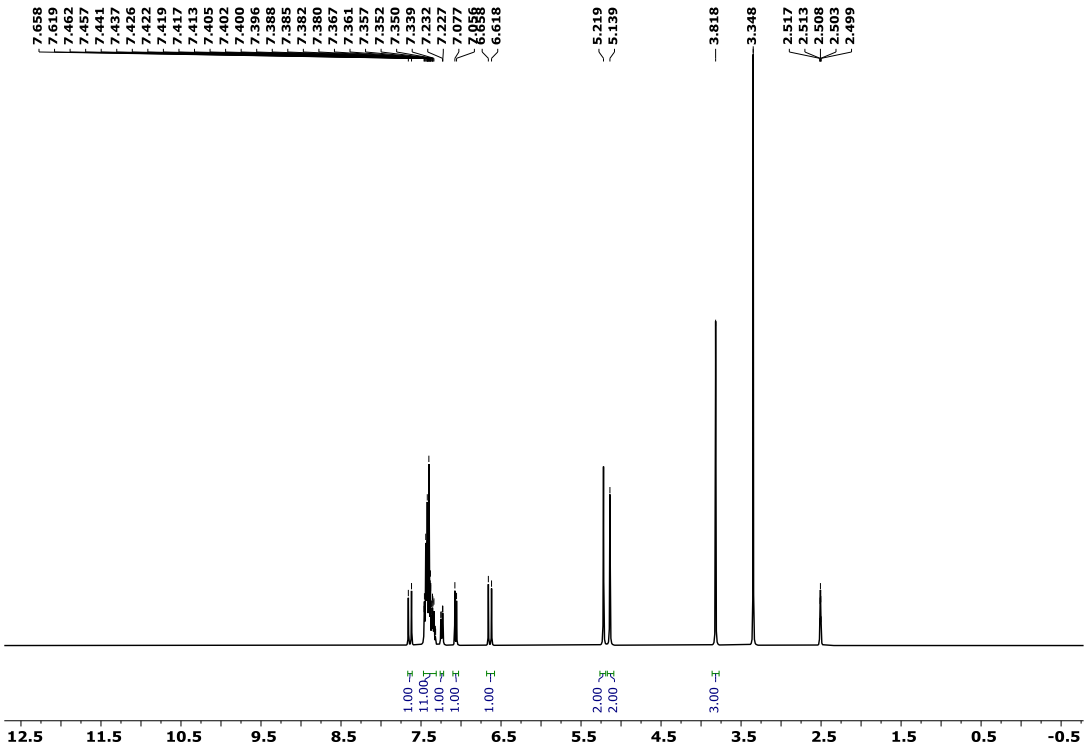

Figure S19. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **6**

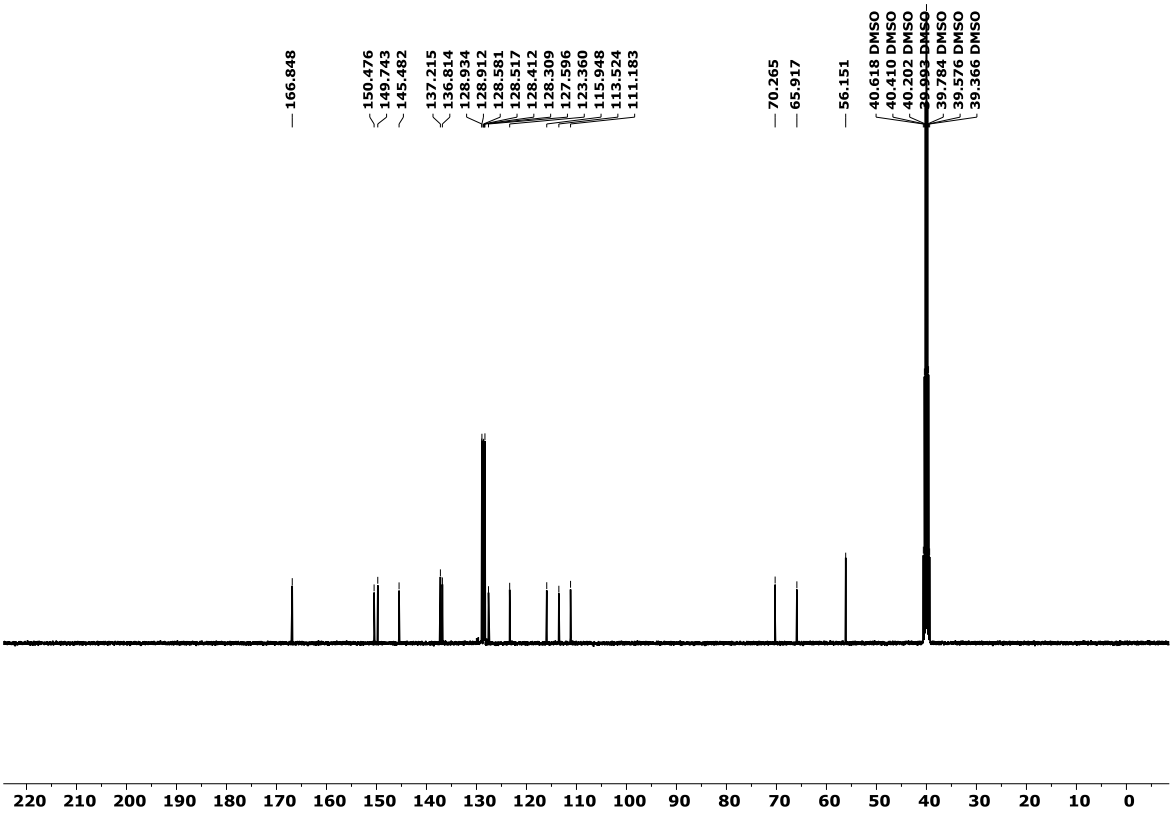

Figure S20. ^{13}C NMR (125 MHz, DMSO-d_6) spectrum of compound **6**

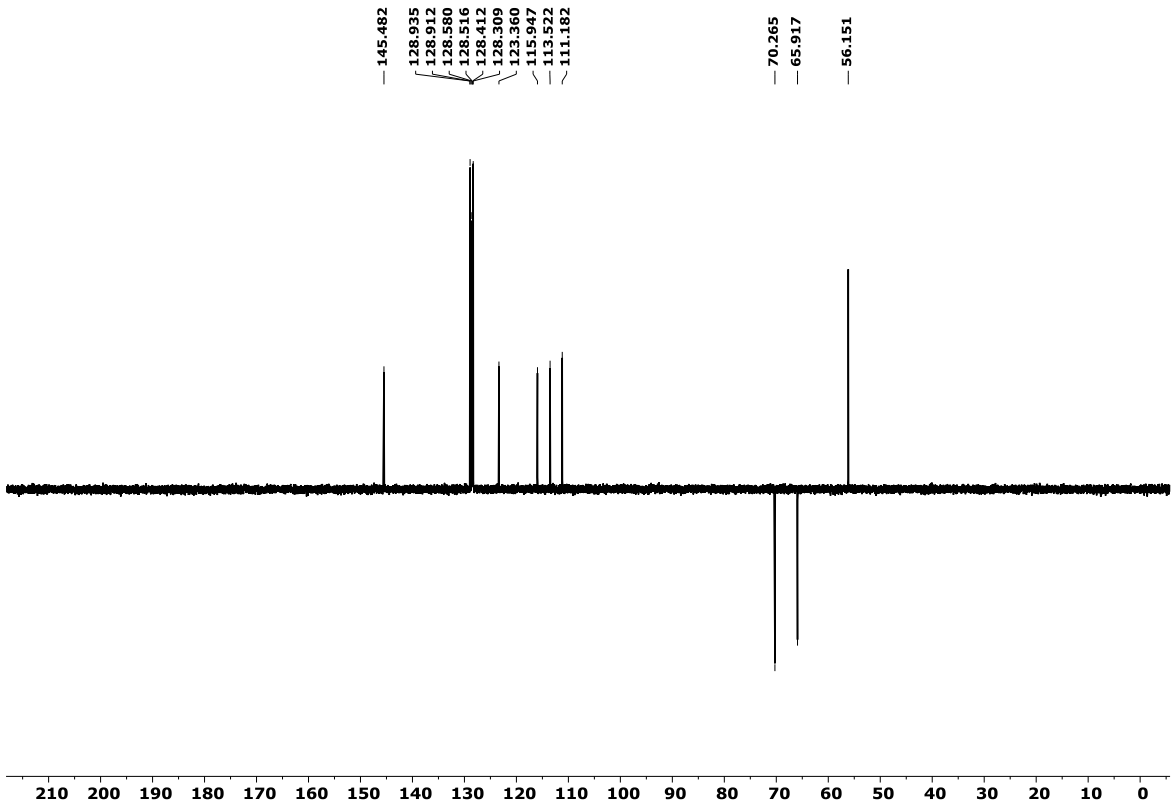

Figure S21. DEPT-135 (125 MHz, DMSO-d_6) spectrum of compound **6**

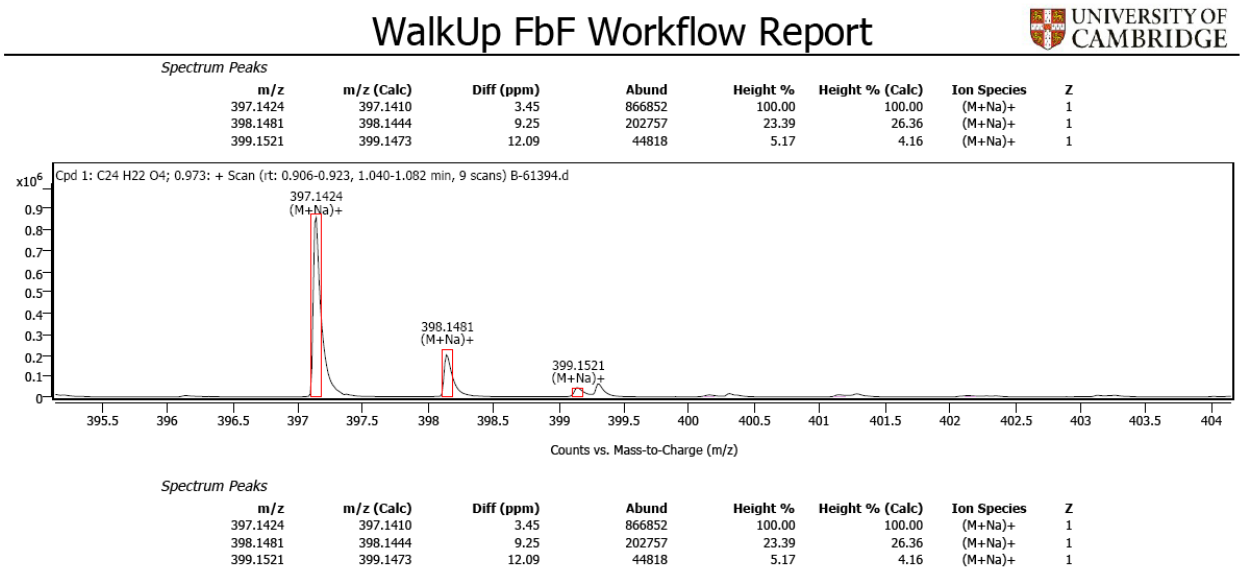

Figure S22. High-resolution mass spectrum of compound **6**

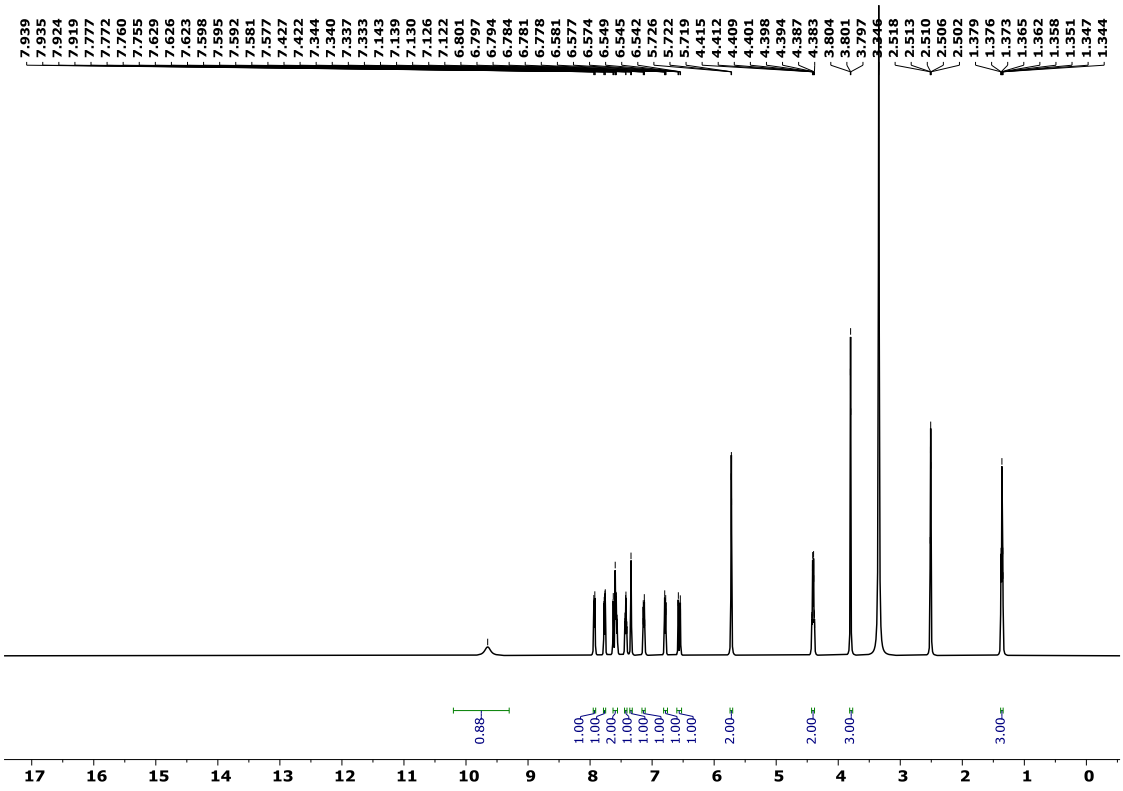

Figure S23. ^{1}H NMR (500 MHz, DMSO-d_6) spectrum of compound **12**

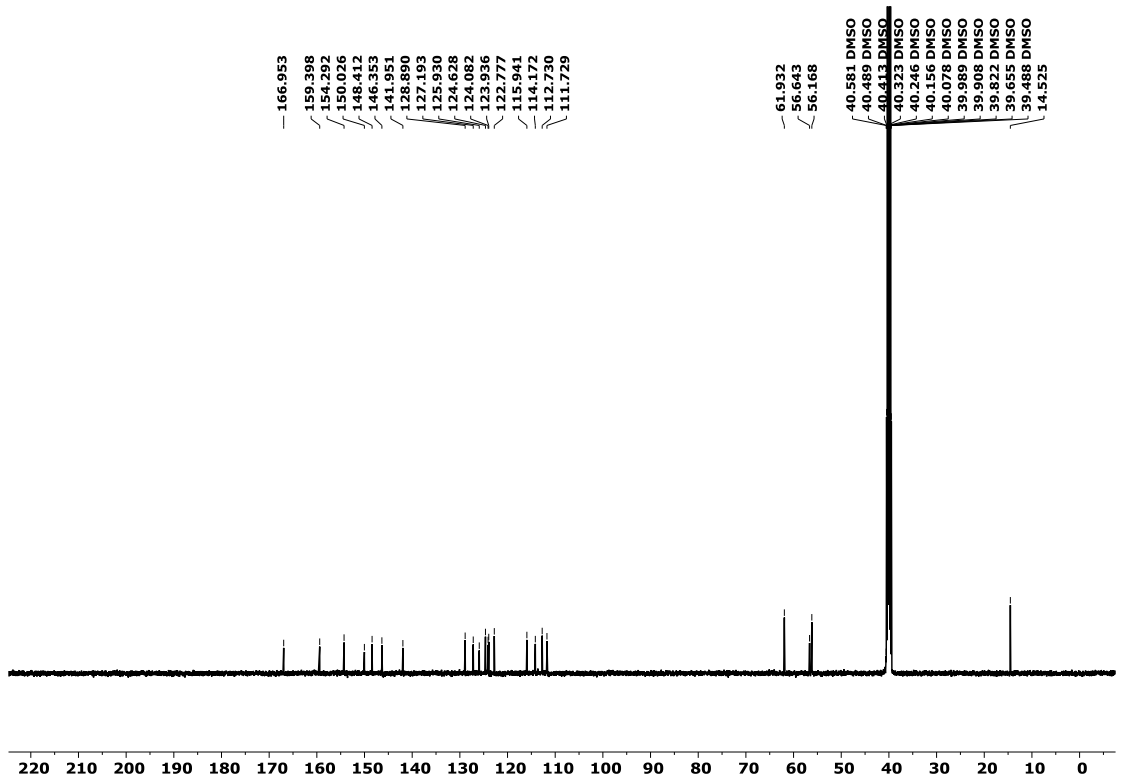

Figure S24. ^{13}C NMR (125 MHz, DMSO-d_6) spectrum of compound **12**

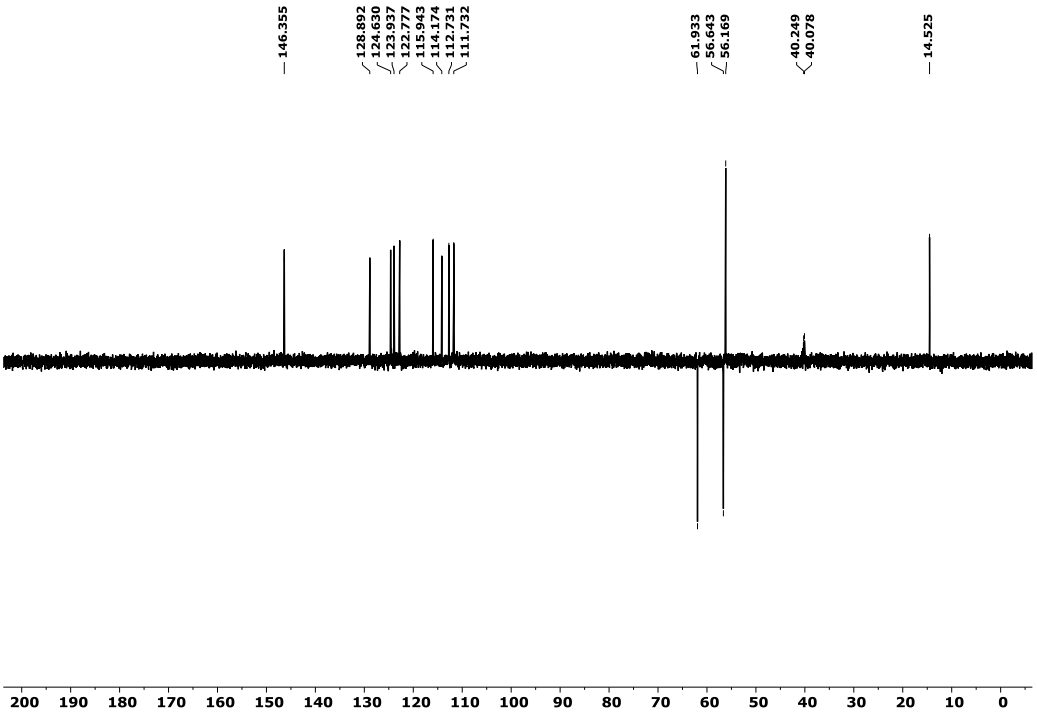

Figure S25. DEPT-135 (125 MHz, DMSO-d_6) spectrum of compound **12**

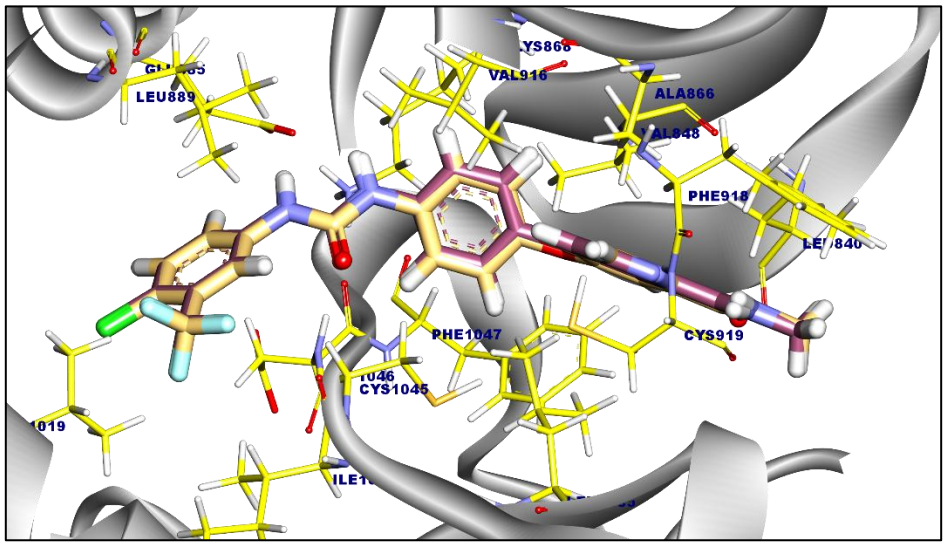

Figure S26. Superimposition of the co-crystalized ligand (sorafenib) complexed with VEGFR-2 TK. Original pose of Sorafenib colored by (dark purple), and the redocked pose colored by (faint brown) with RMSD value equal 0.15 Å.

References

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