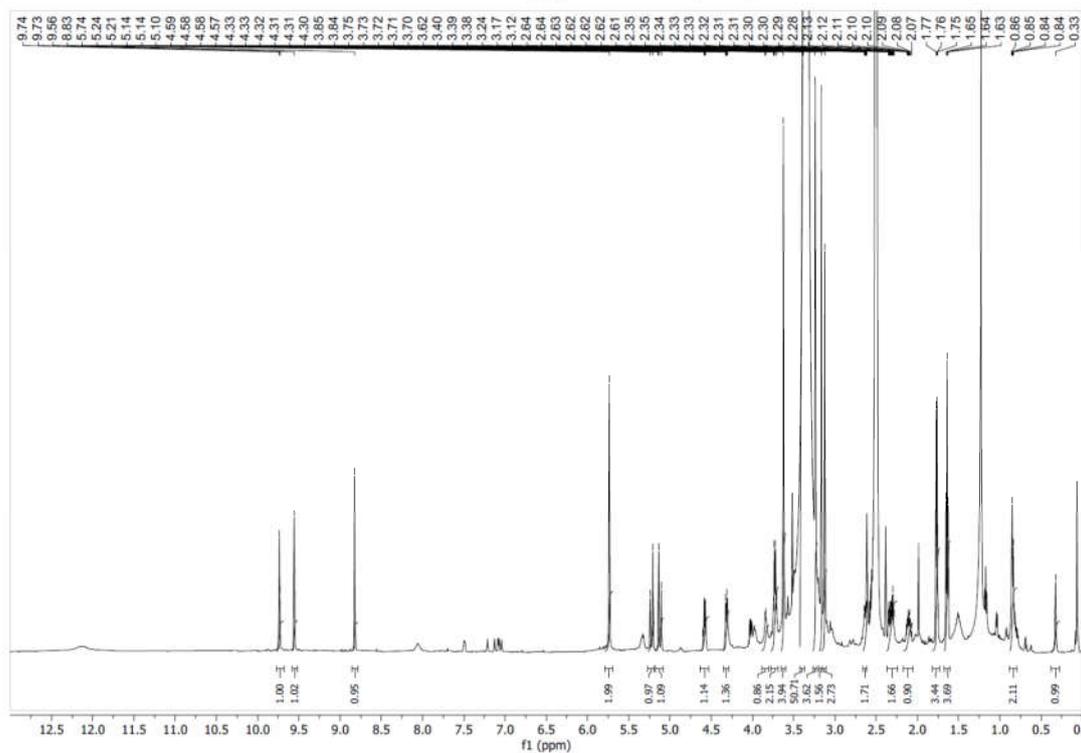
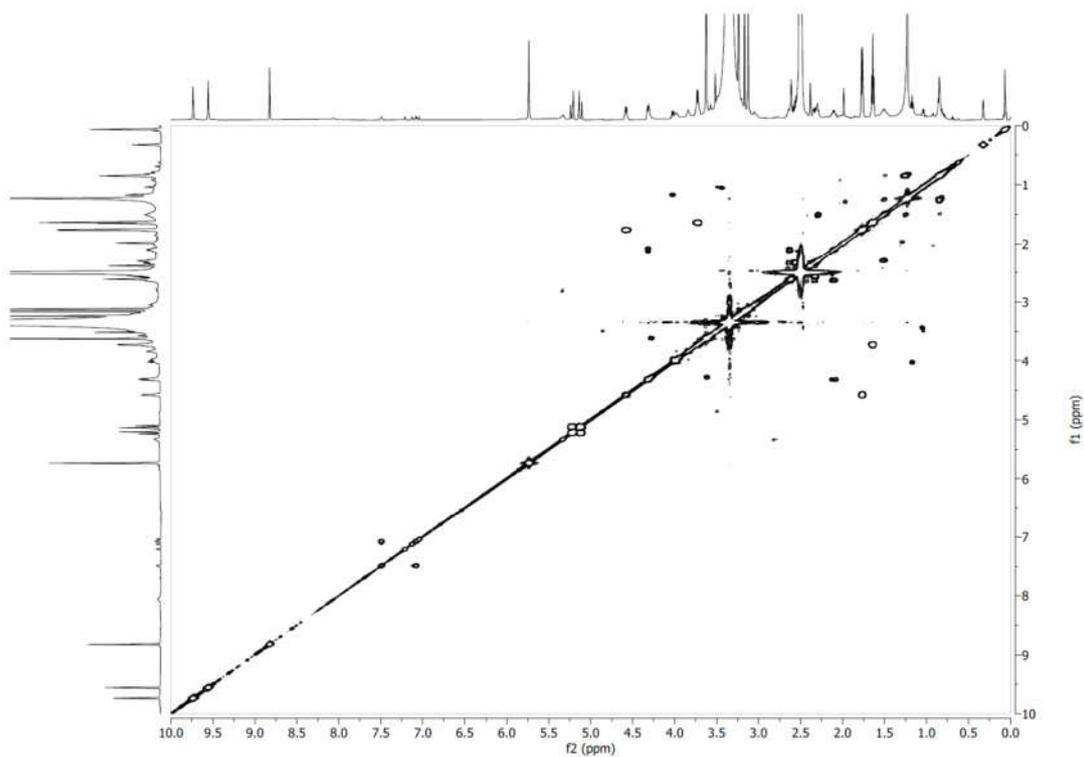


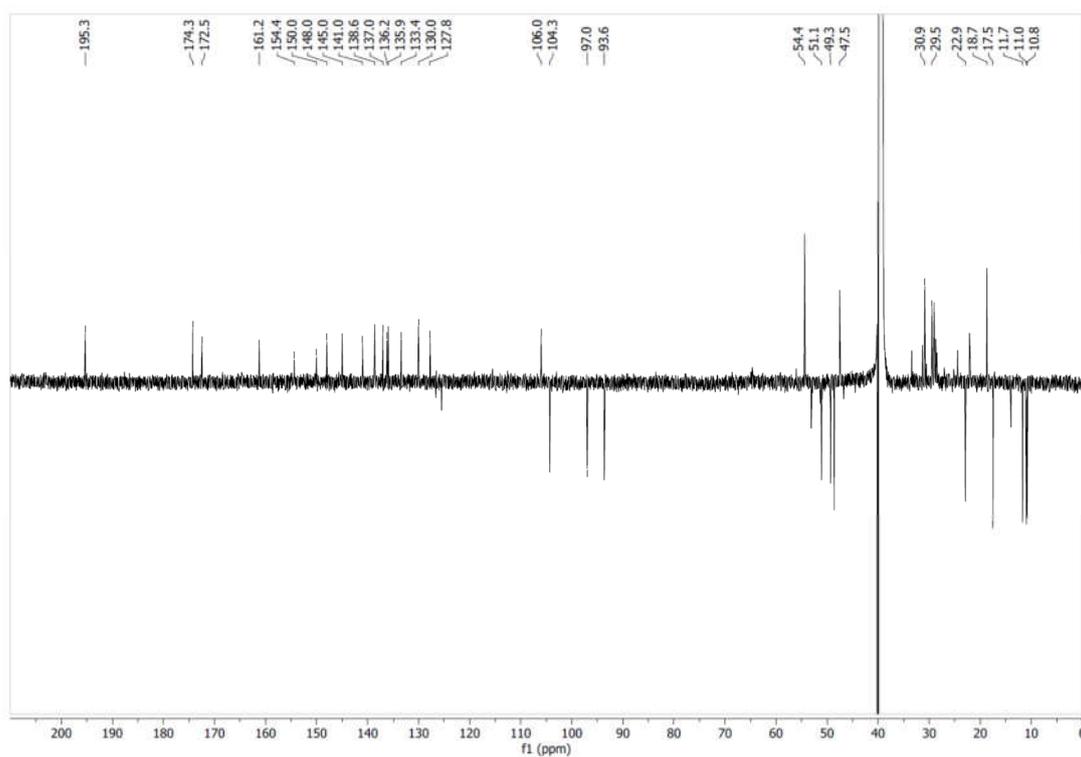
SUPPLEMENTARY MATERIALS include Supplementary Figures S1-S36.



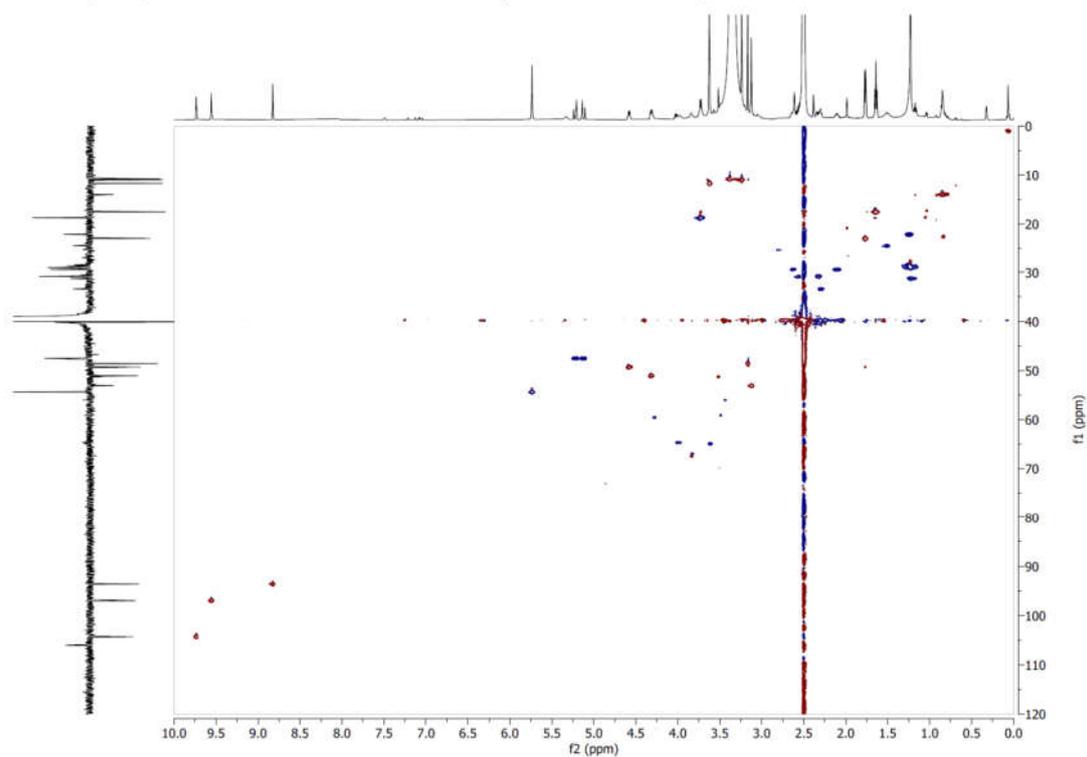
Supplementary Figure S1. ^1H NMR spectrum of compound **1** in $\text{DMSO-}d_6$ at 600 MHz.



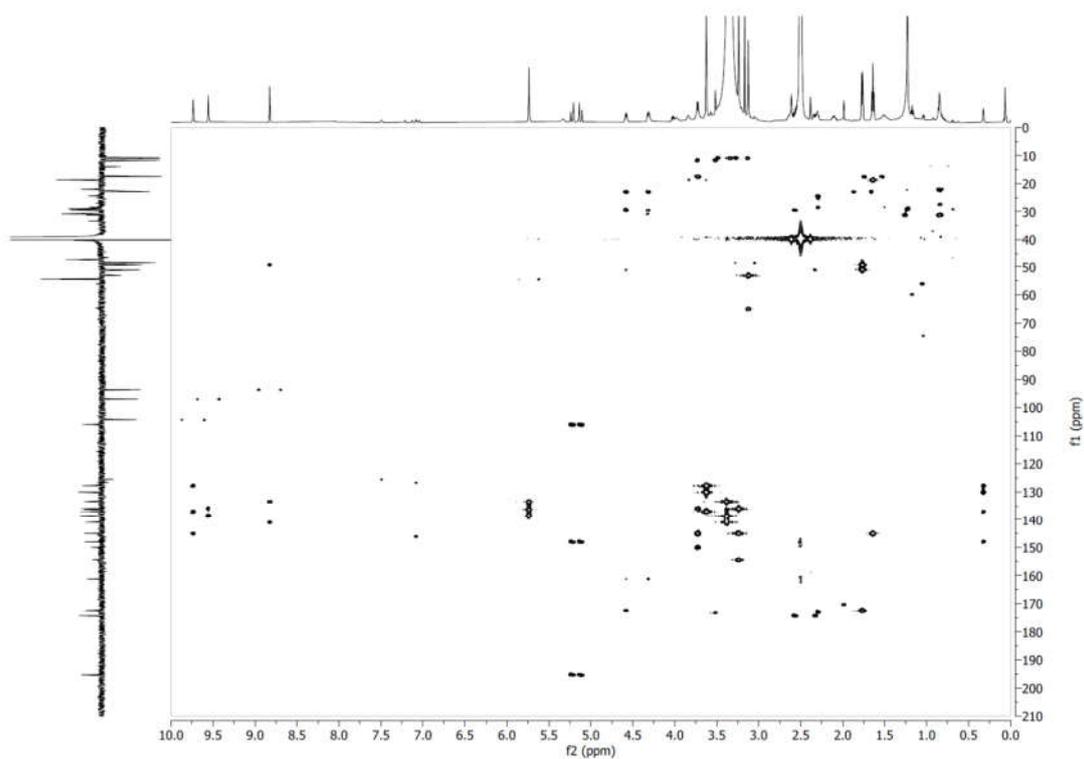
Supplementary Figure S2. COSY NMR spectrum of compound **1** in $\text{DMSO-}d_6$.



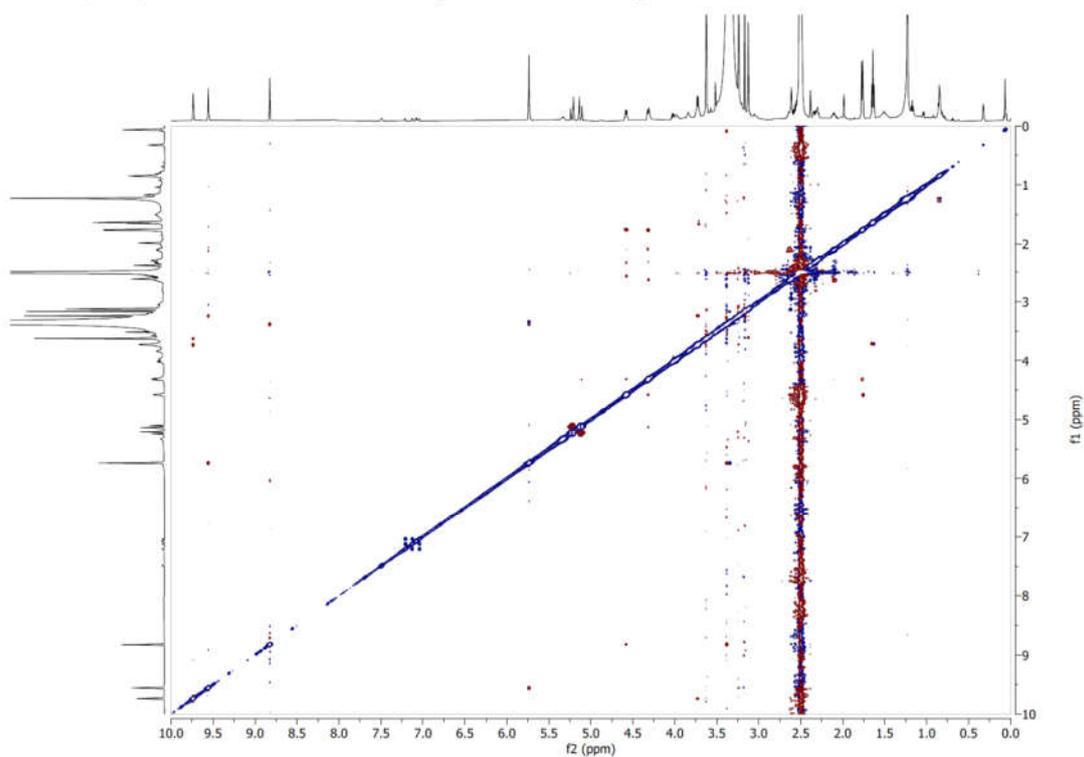
Supplementary Figure S3. ^{13}C -DEPTQ NMR spectrum of compound **1** in $\text{DMSO-}d_6$ at 151 MHz.



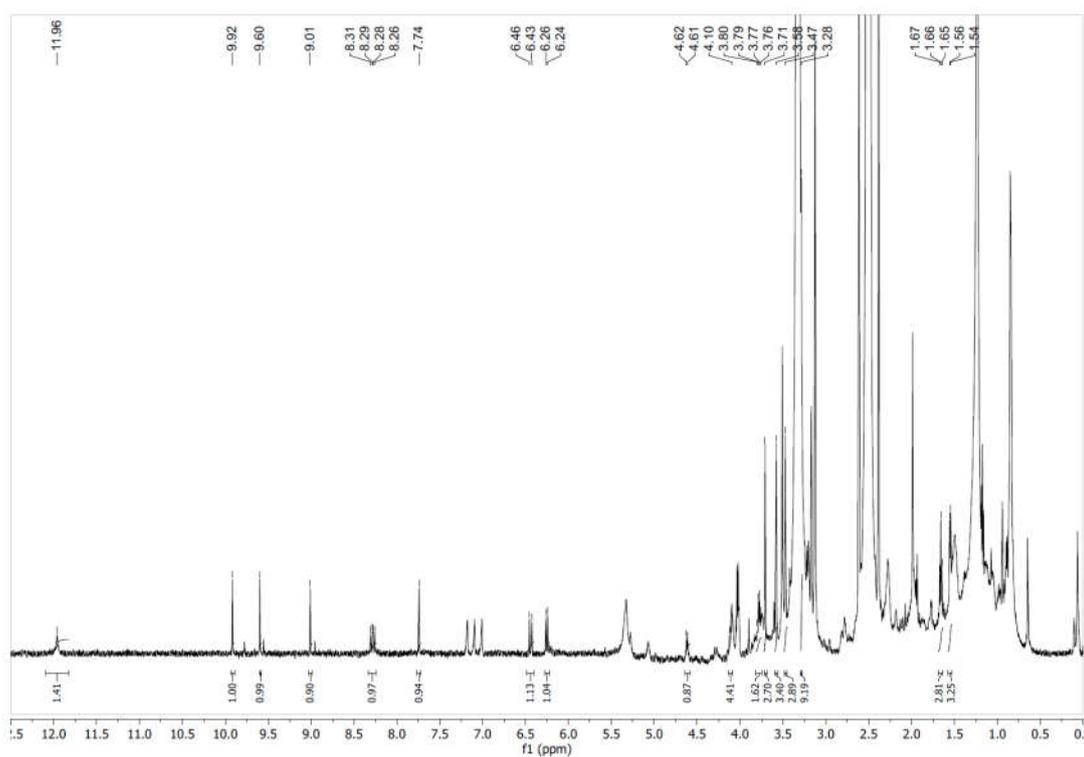
Supplementary Figure S4. Edited HSQC NMR spectrum of compound **1** in $\text{DMSO-}d_6$.



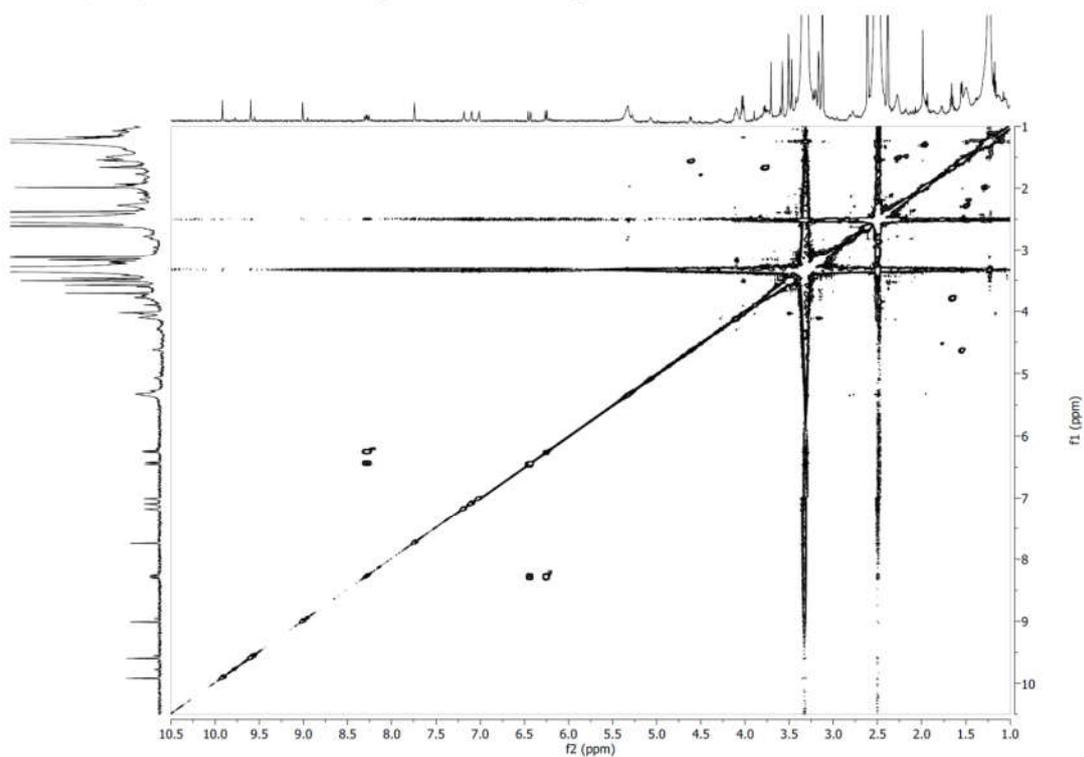
Supplementary Figure S5. HMBC NMR spectrum of compound **1** in DMSO-*d*₆.



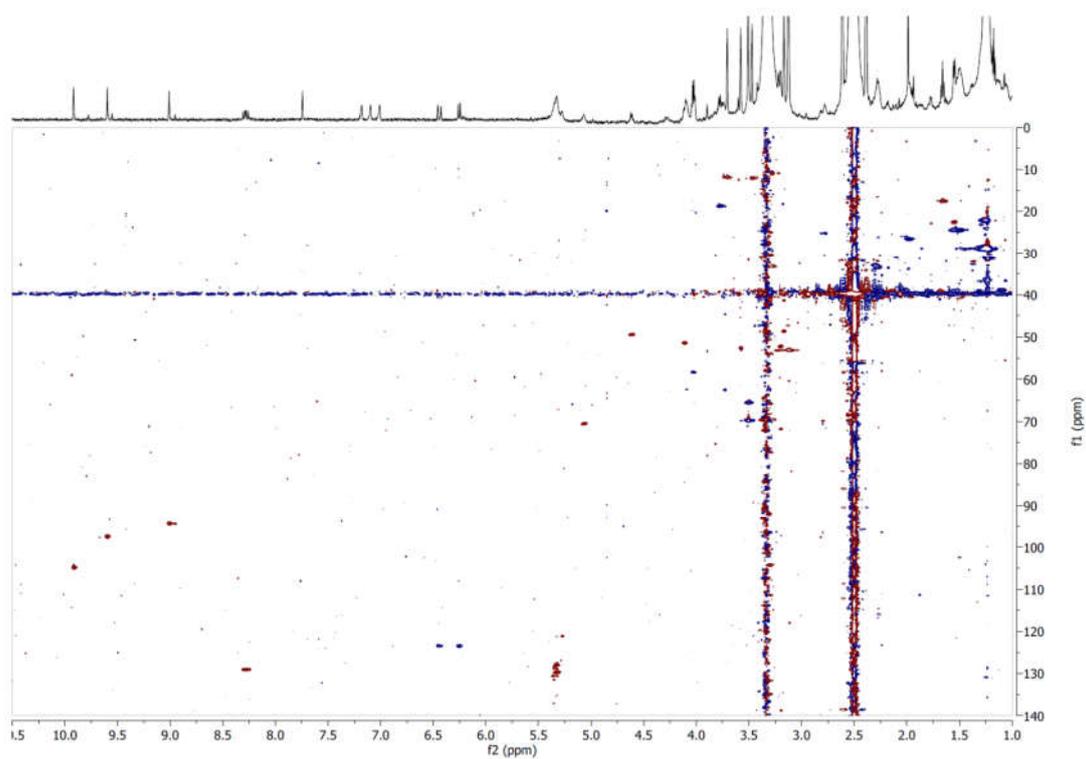
Supplementary Figure S6. ROESY NMR spectrum of compound **1** in DMSO-*d*₆.



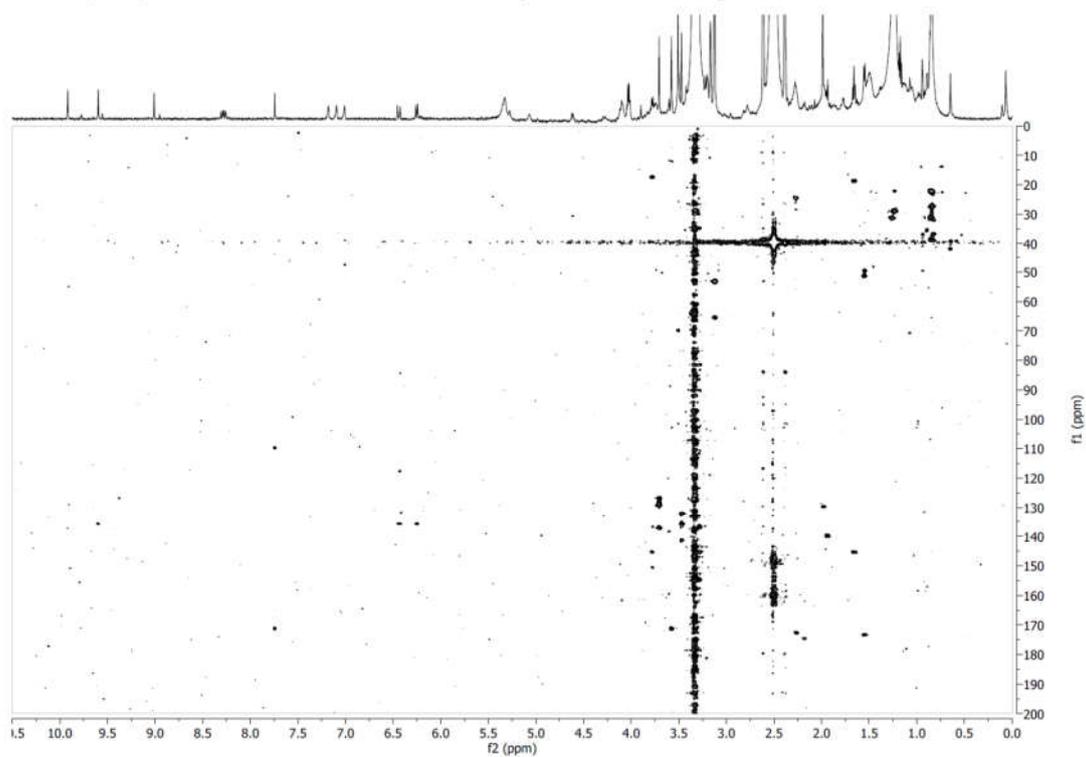
Supplementary Figure S7. ^1H NMR spectrum of compound **2** in $\text{DMSO-}d_6$ at 600 MHz.



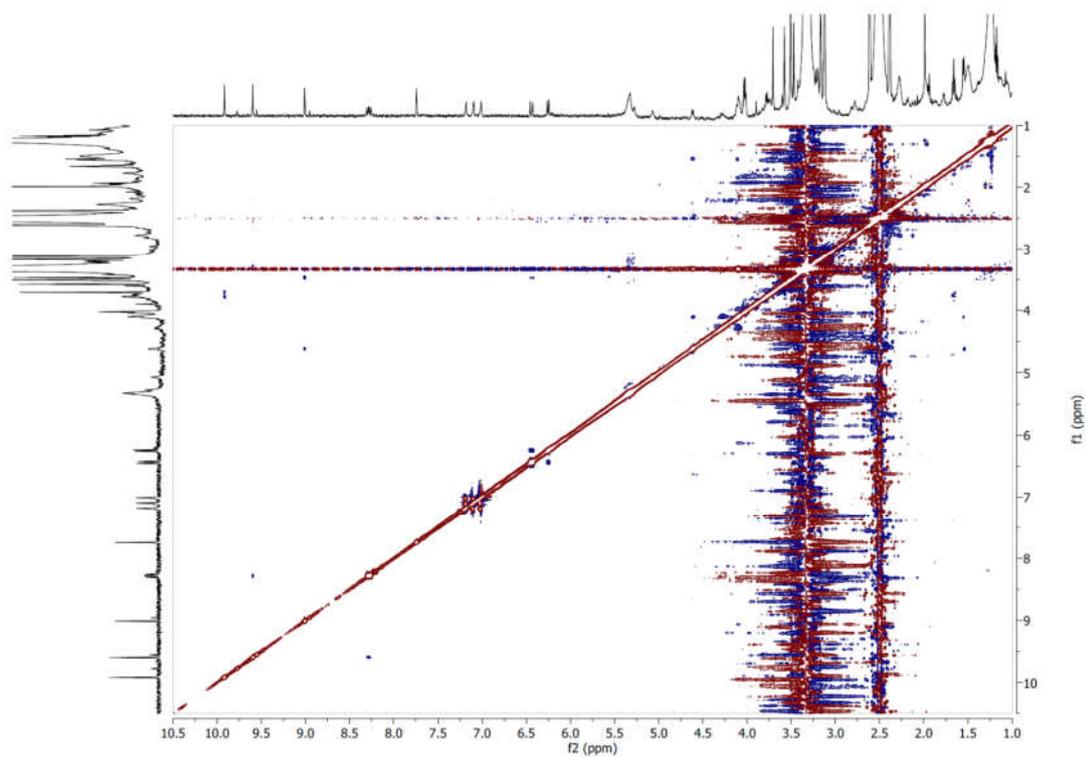
Supplementary Figure S8. COSY NMR spectrum of compound **2** in $\text{DMSO-}d_6$.



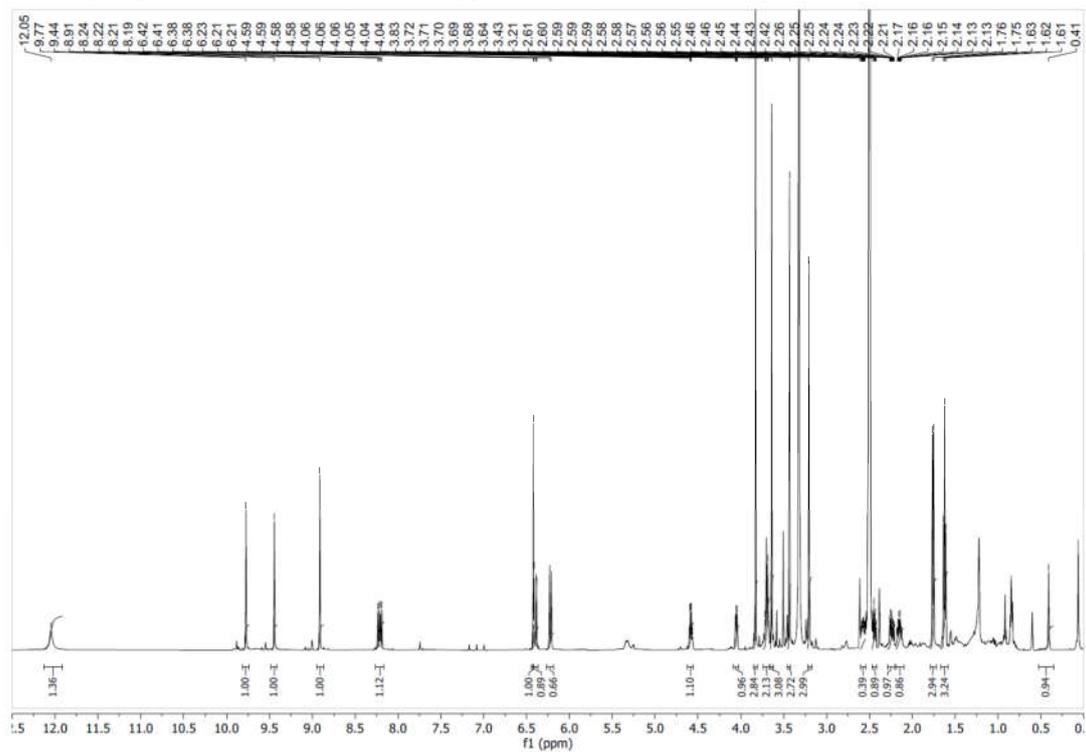
Supplementary Figure S9. Edited HSQC NMR spectrum of compound 2 in DMSO-*d*₆.

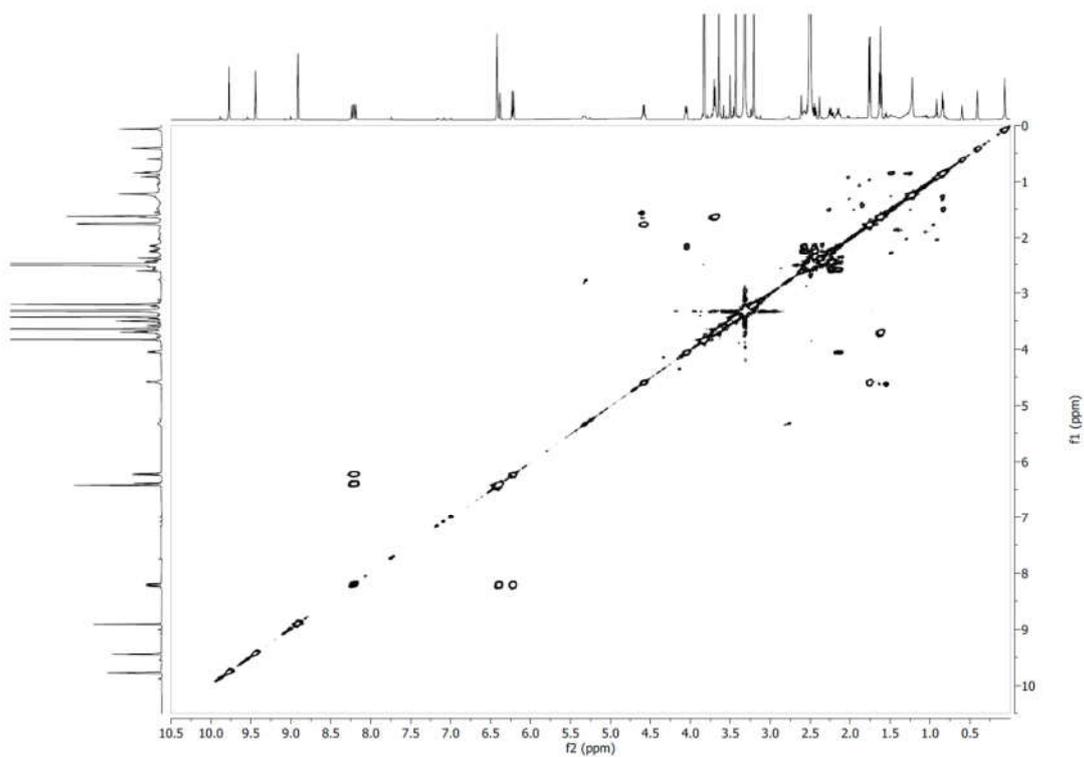


Supplementary Figure S10. HMBC NMR spectrum of compound 2 in DMSO-*d*₆.

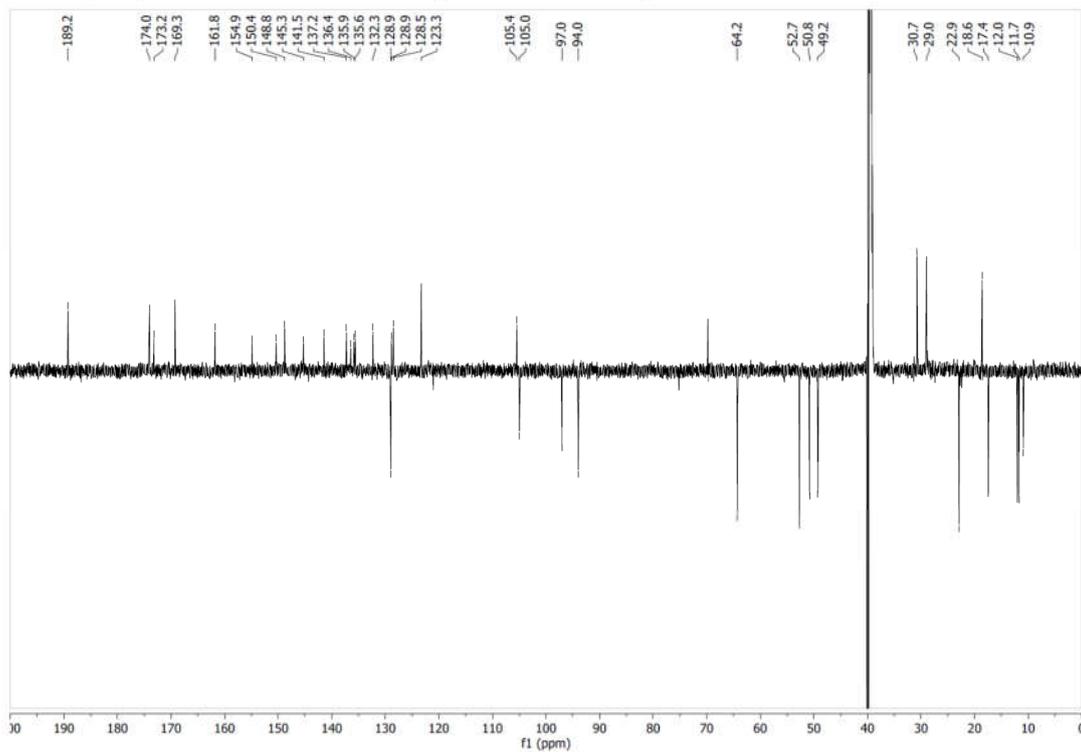


Supplementary Figure S11. ROESY NMR spectrum of compound **2** in DMSO- d_6 .

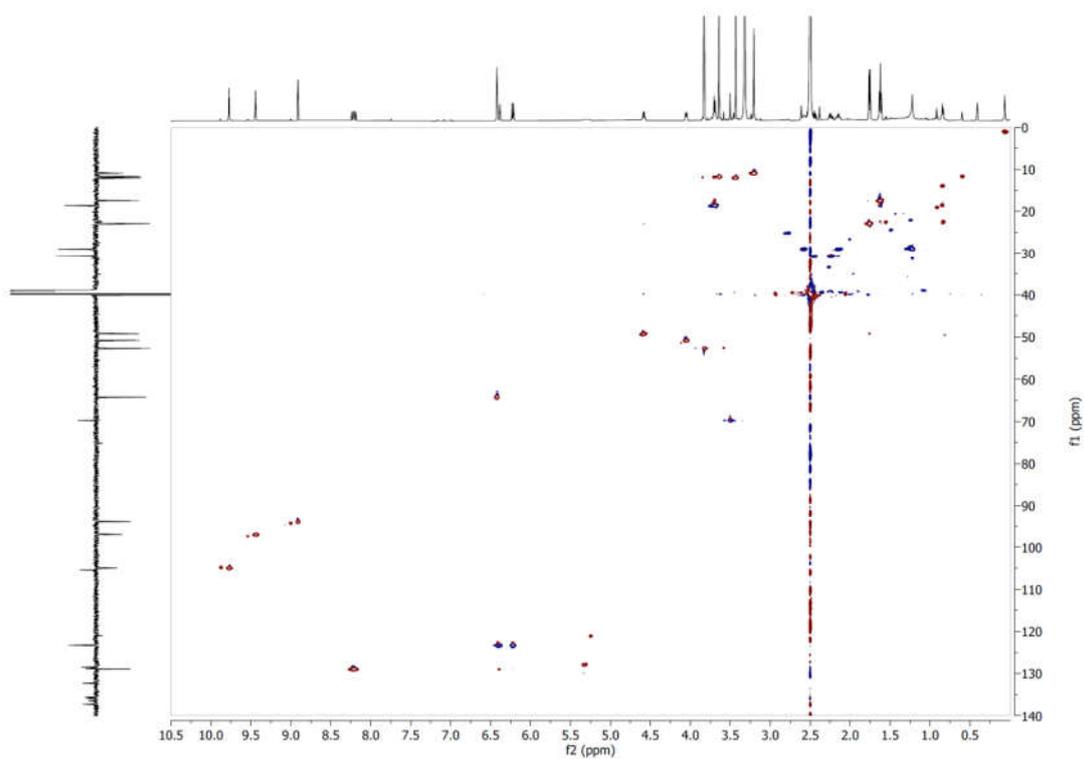




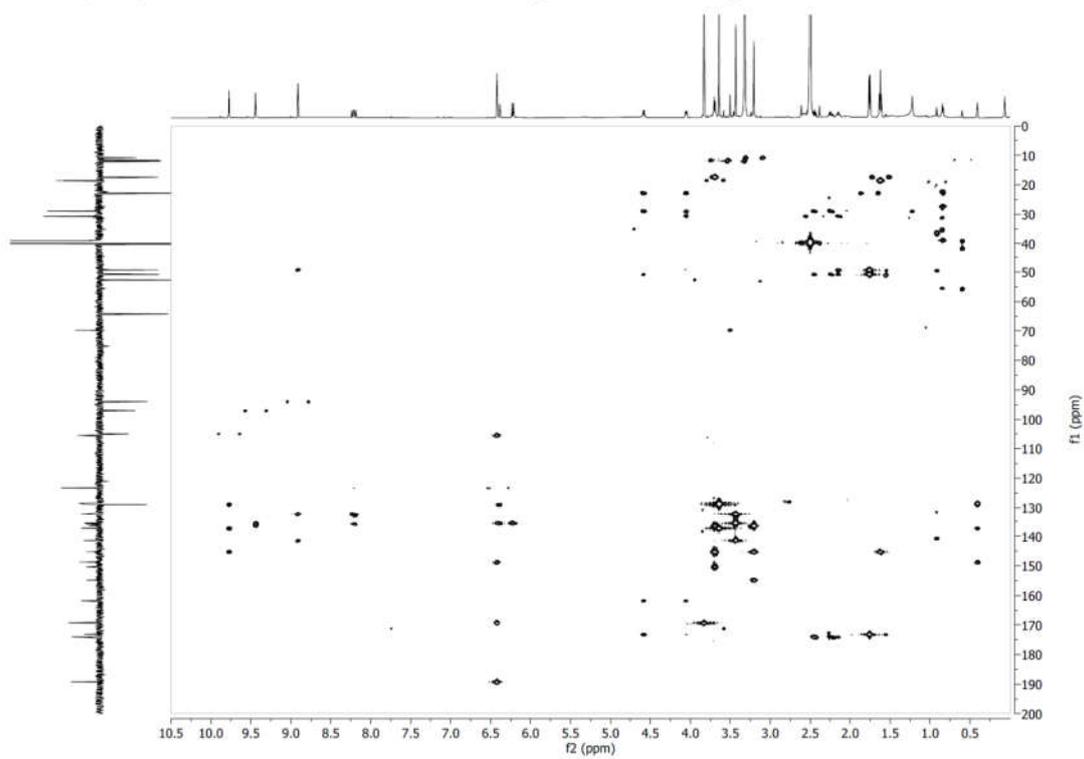
Supplementary Figure S13. COSY NMR spectrum of compound **3** in DMSO-*d*₆.



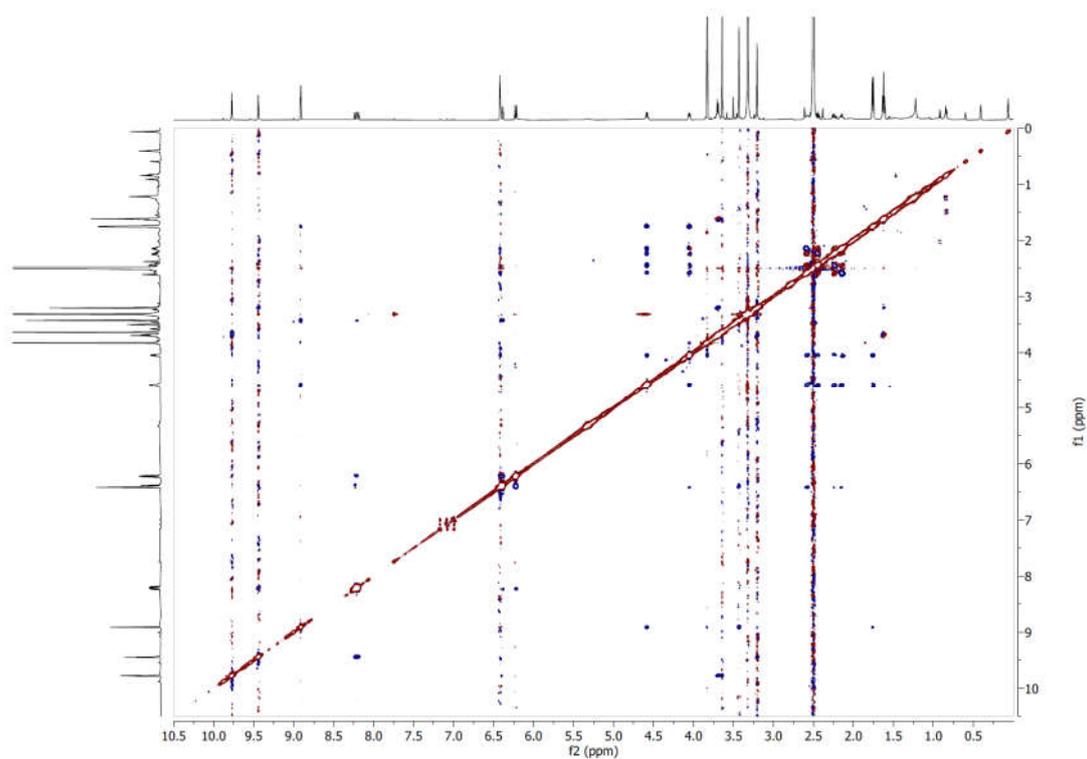
Supplementary Figure S14. ¹³C-DEPTQ NMR spectrum of compound **3** in DMSO-*d*₆ at 151 MHz.



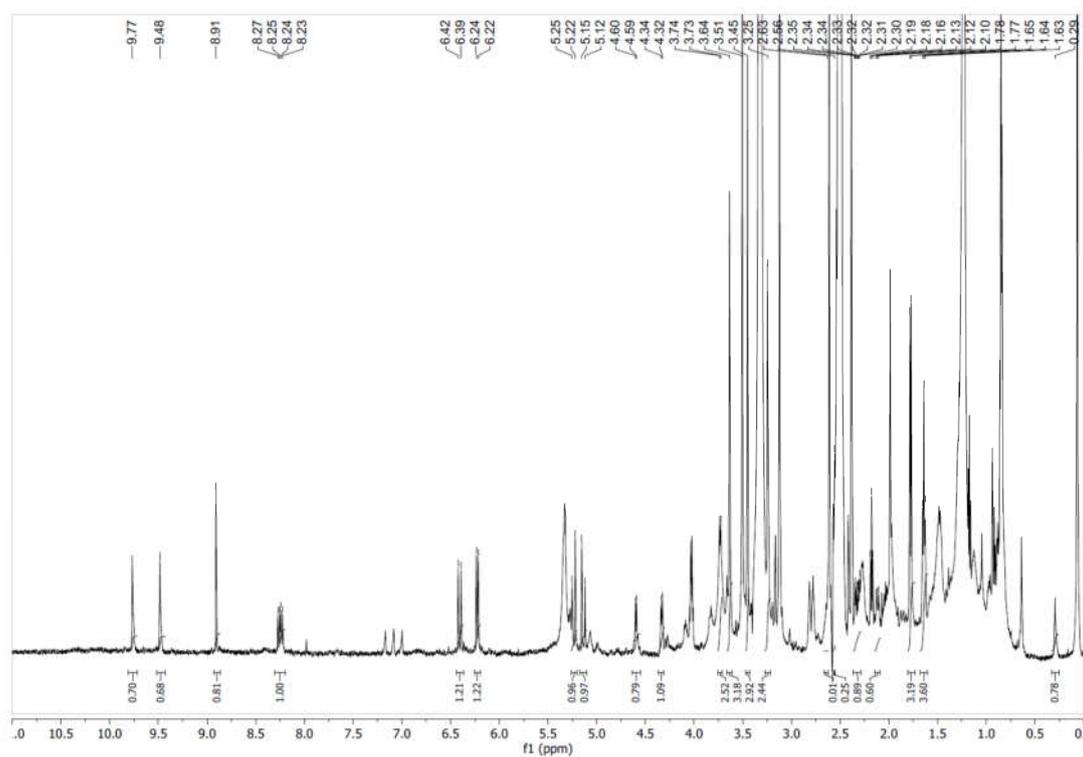
Supplementary Figure S15. Edited HSQC NMR spectrum of compound **3** in DMSO- d_6 .



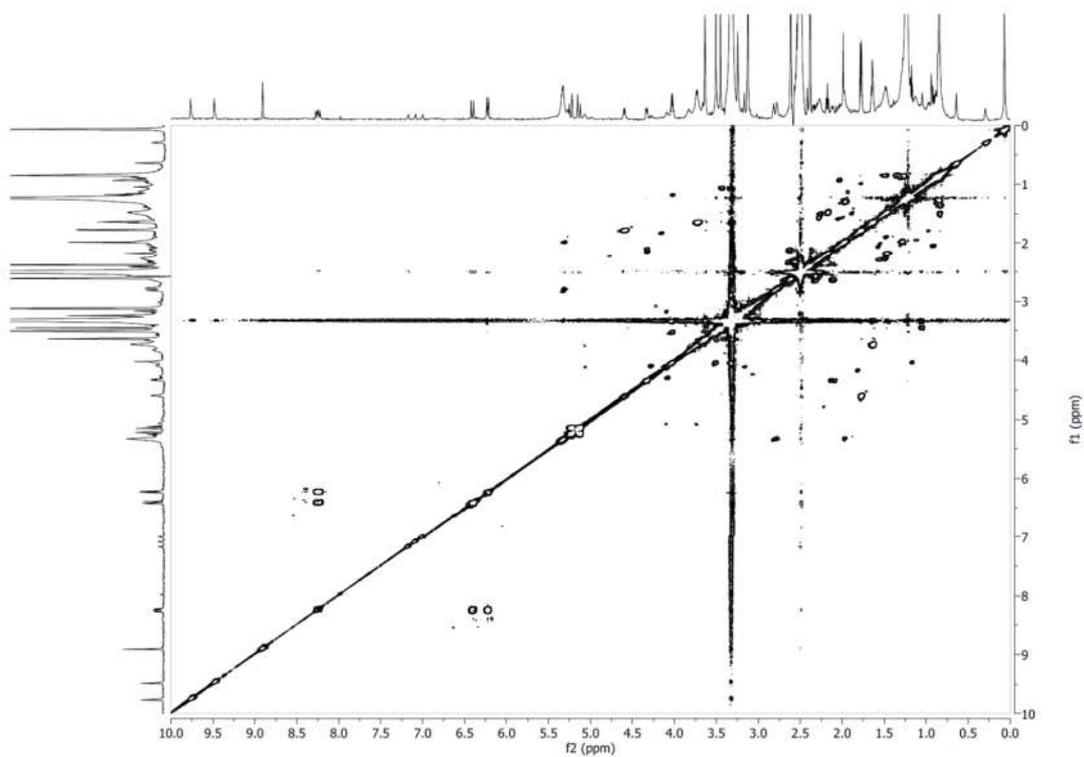
Supplementary Figure S16. HMBC NMR spectrum of compound **3** in DMSO- d_6 .



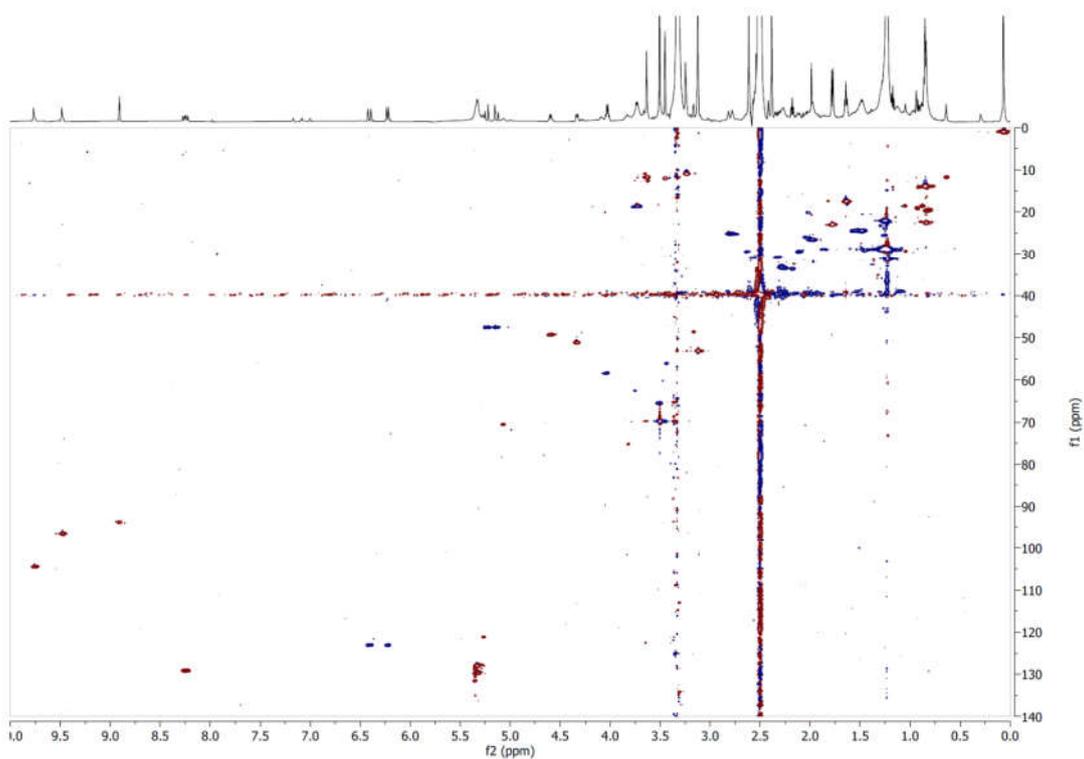
Supplementary Figure S17. ROESY NMR spectrum of compound **3** in DMSO- d_6 .



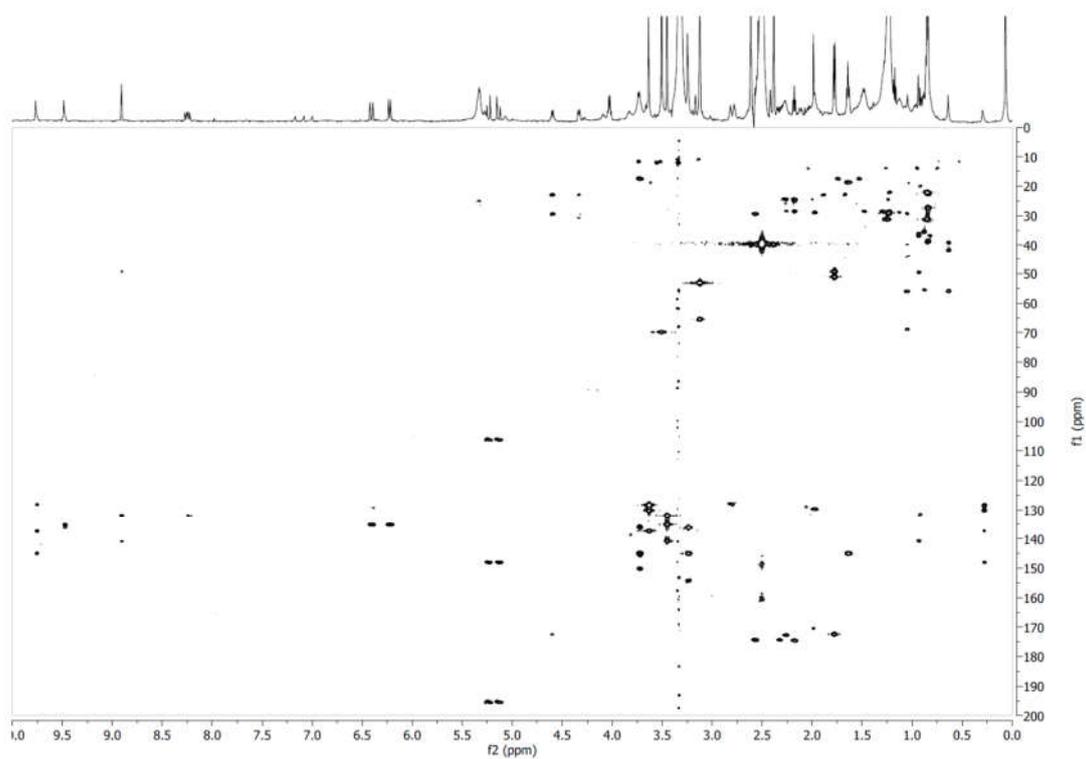
Supplementary Figure S18. ^1H NMR spectrum of compound **4** in DMSO- d_6 at 600 MHz.



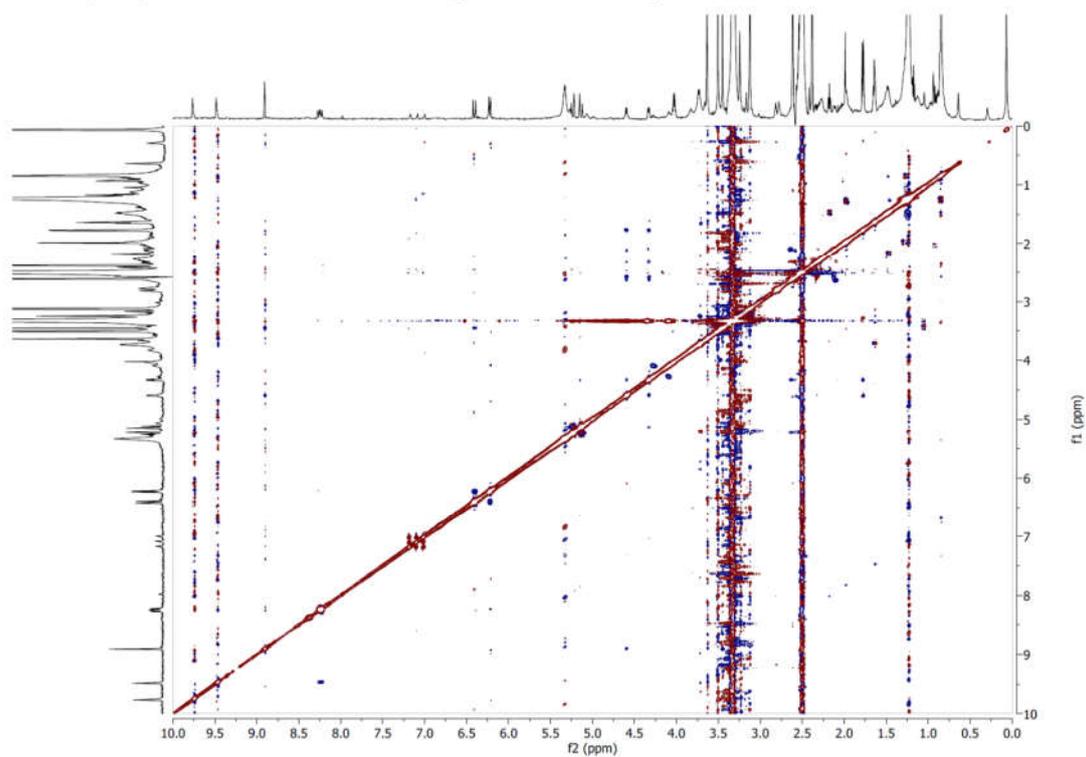
Supplementary Figure S19. COSY NMR spectrum of compound **4** in DMSO-*d*₆.



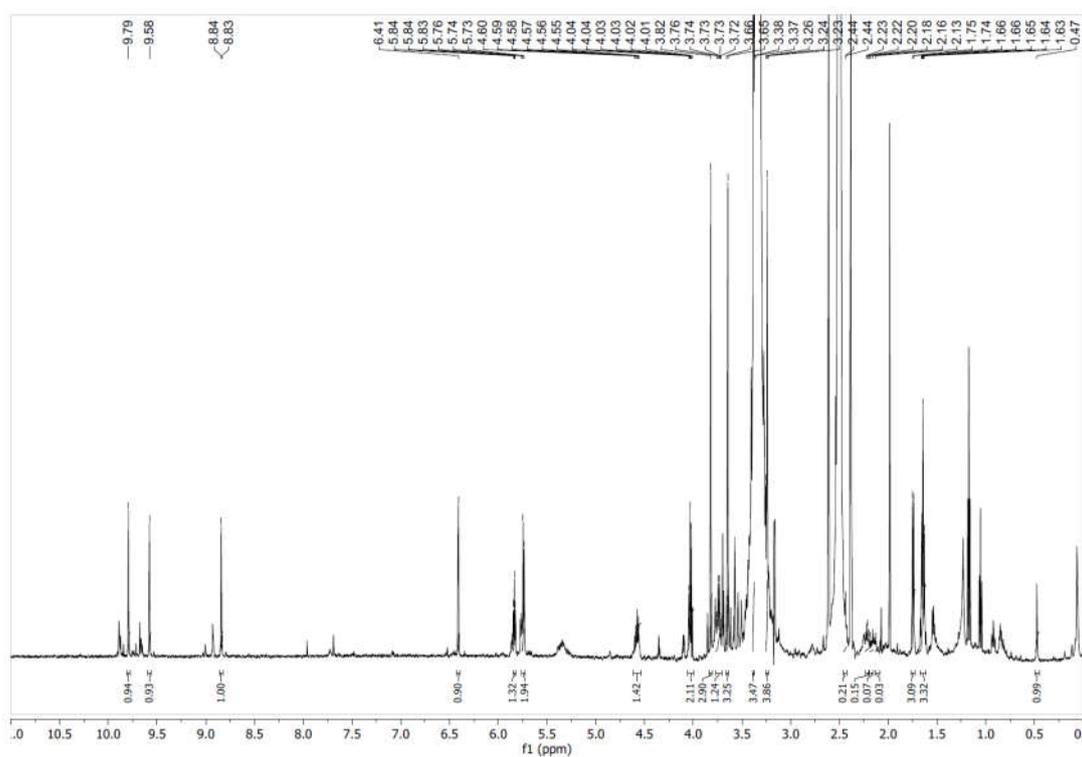
Supplementary Figure S20. Edited HSQC NMR spectrum of compound **4** in DMSO-*d*₆.



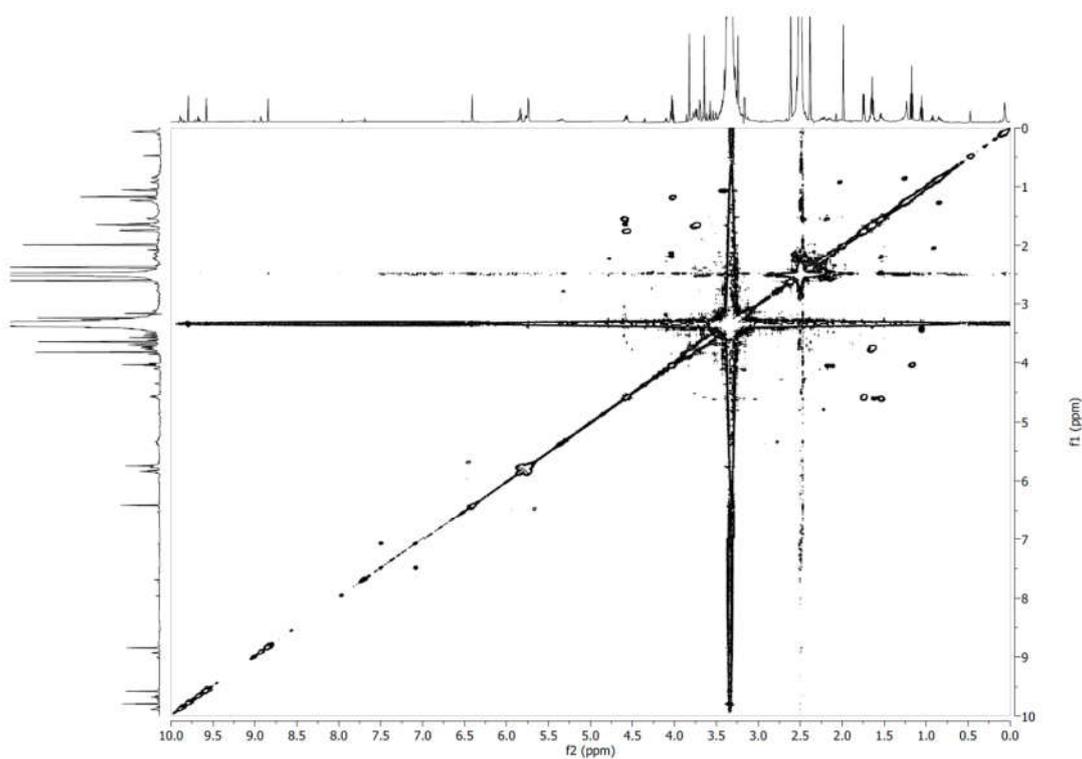
Supplementary Figure S21. HMBC NMR spectrum of compound 4 in DMSO-*d*₆.



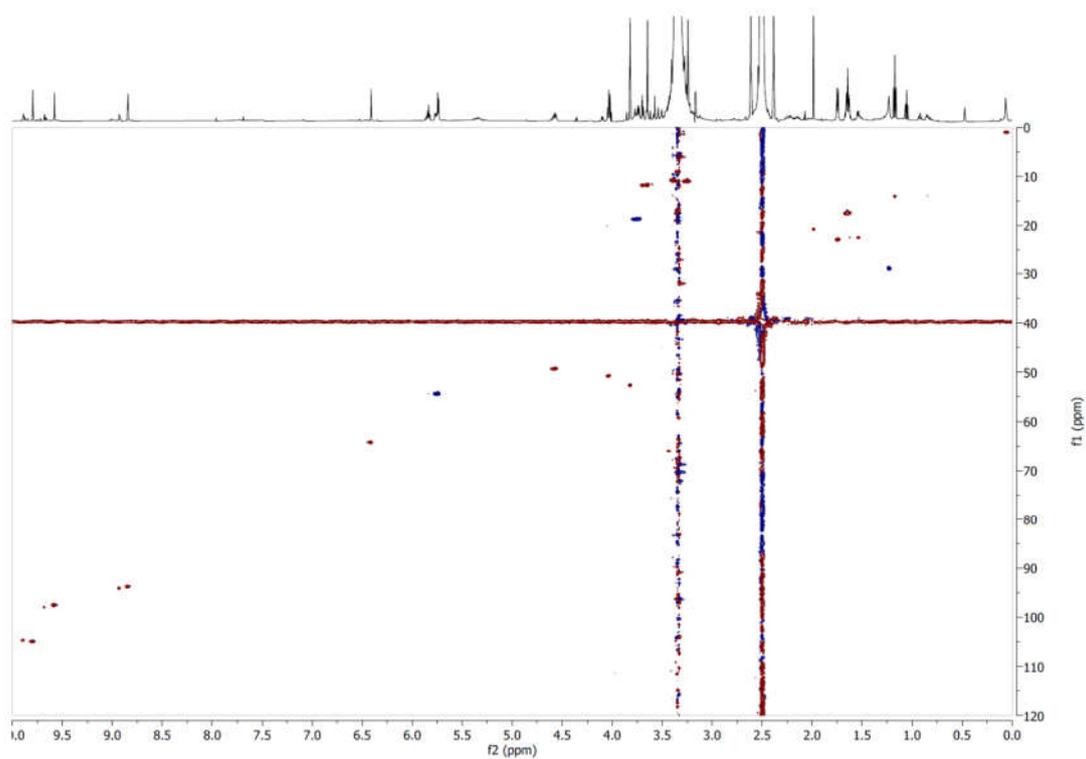
Supplementary Figure S22. ROESY NMR spectrum of compound 4 in DMSO-*d*₆.



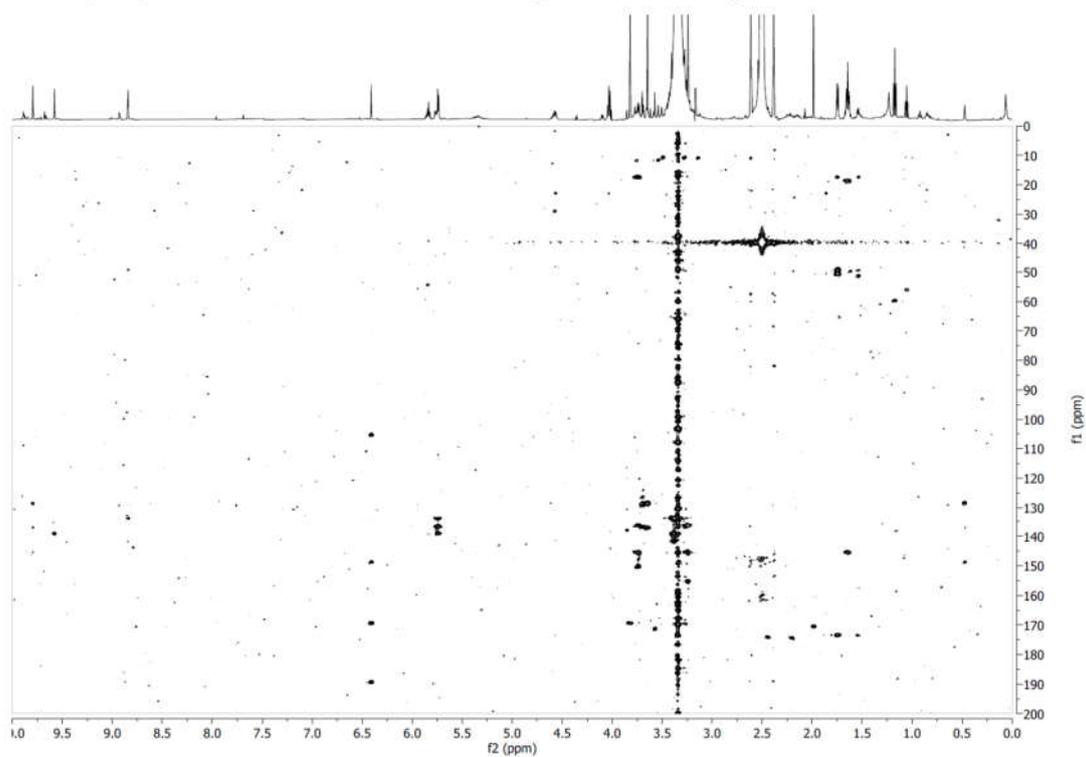
Supplementary Figure S23. ^1H NMR spectrum of compound **5** in $\text{DMSO-}d_6$ at 600 MHz.



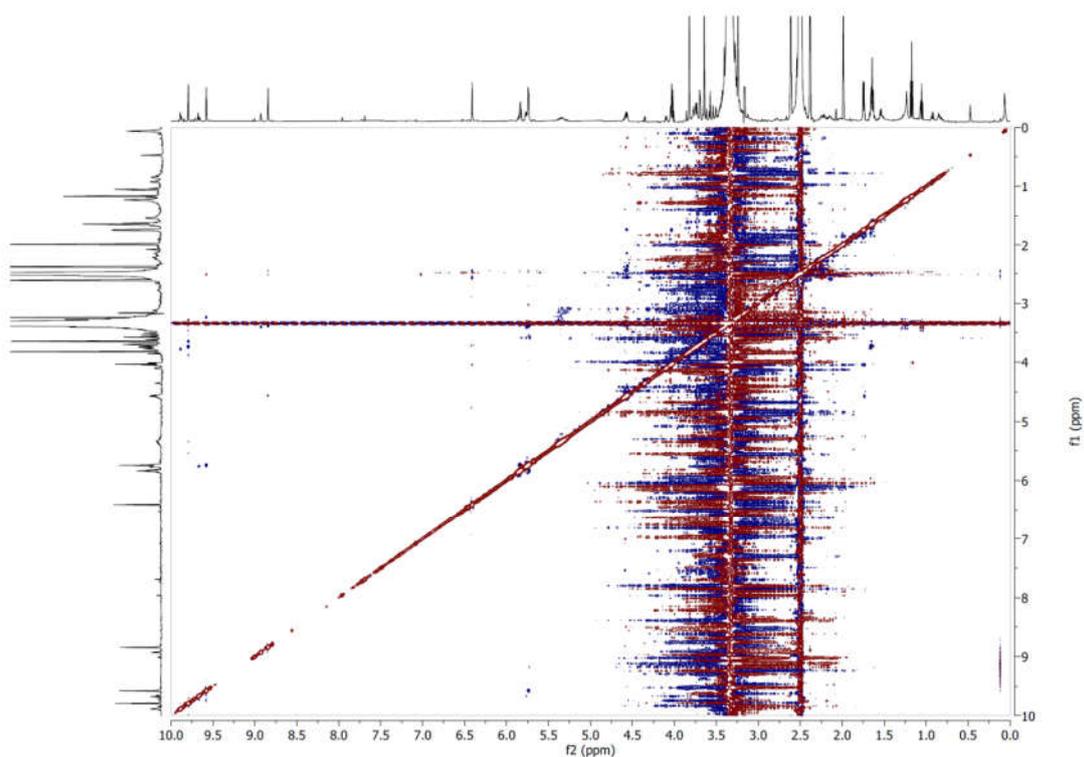
Supplementary Figure S24. COSY NMR spectrum of compound **5** in $\text{DMSO-}d_6$.



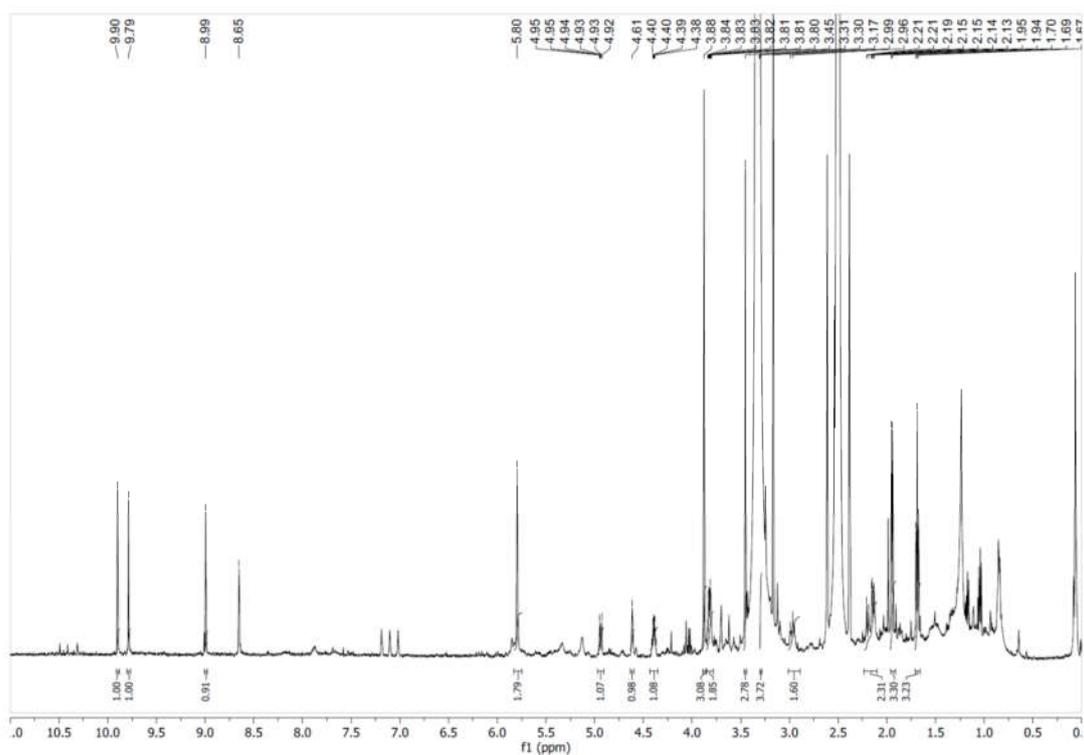
Supplementary Figure S25. Edited HSQC NMR spectrum of compound **5** in DMSO- d_6 .



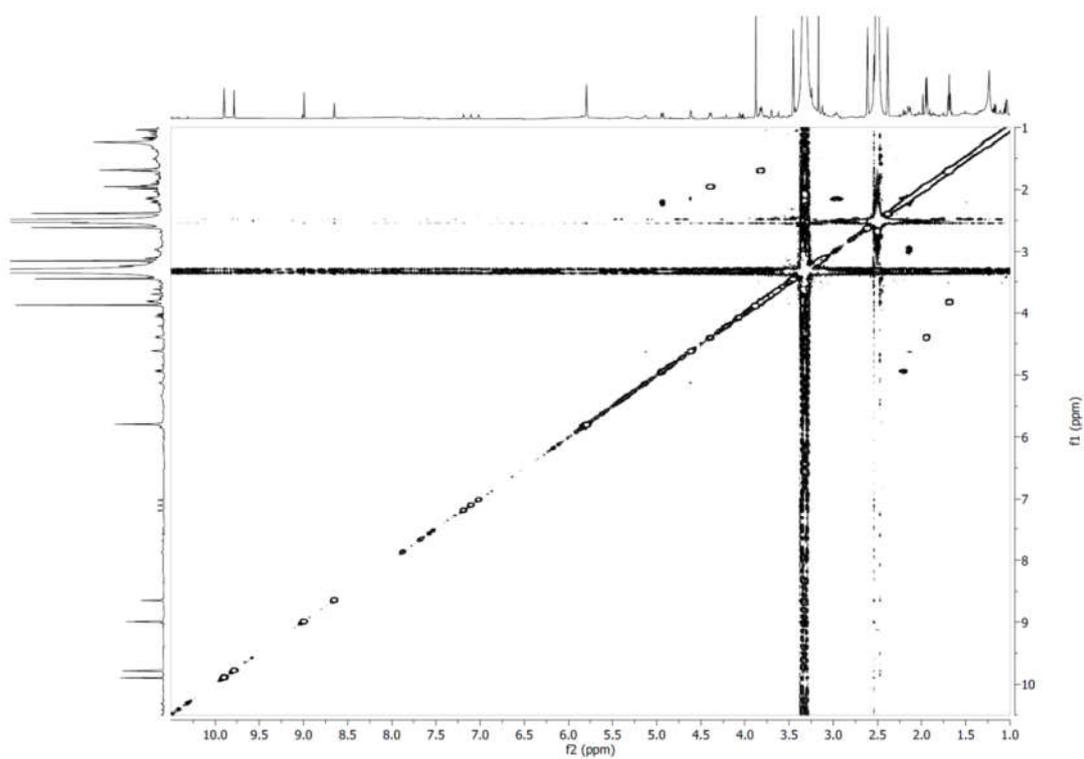
Supplementary Figure S26. HMBC NMR spectrum of compound **5** in DMSO- d_6 .



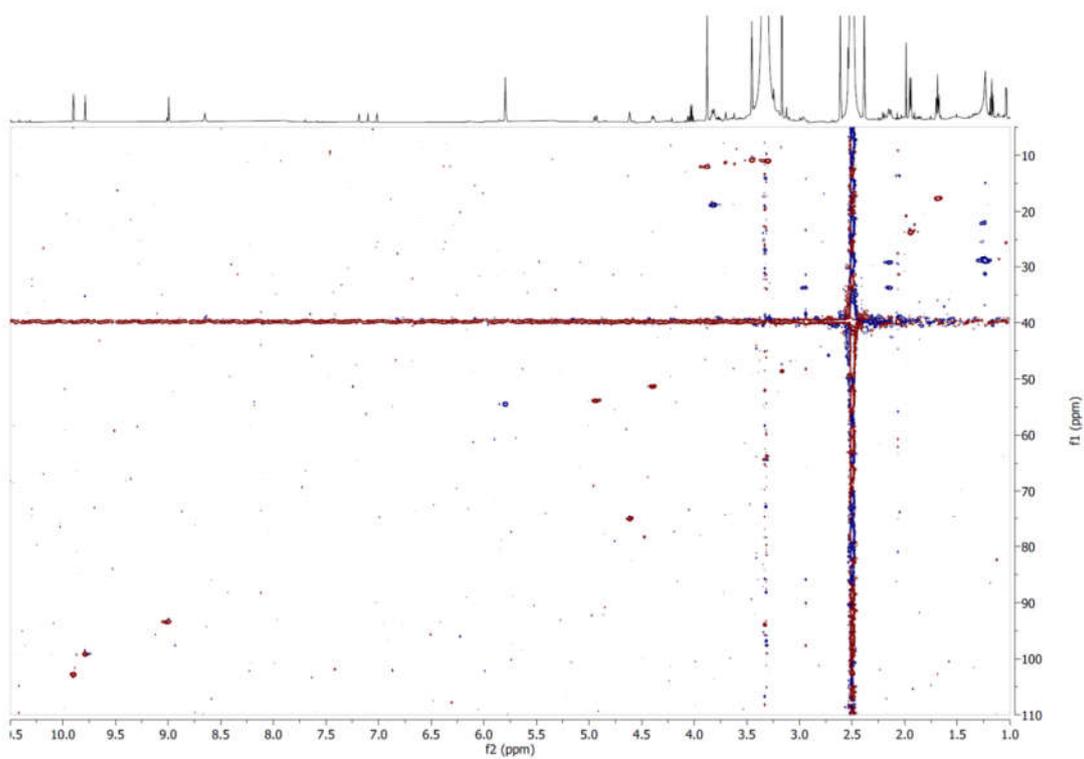
Supplementary Figure S27. ROESY NMR spectrum of compound **5** in DMSO- d_6 .



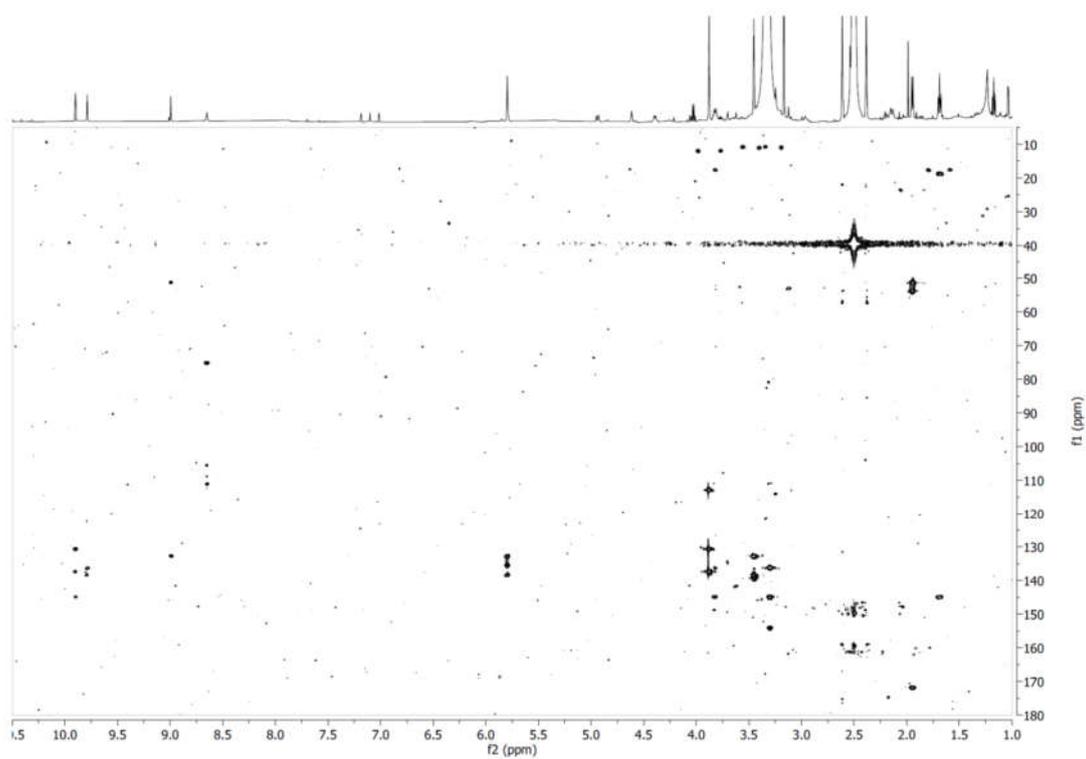
Supplementary Figure S28. ^1H NMR spectrum of compound **6** in DMSO- d_6 at 600 MHz.



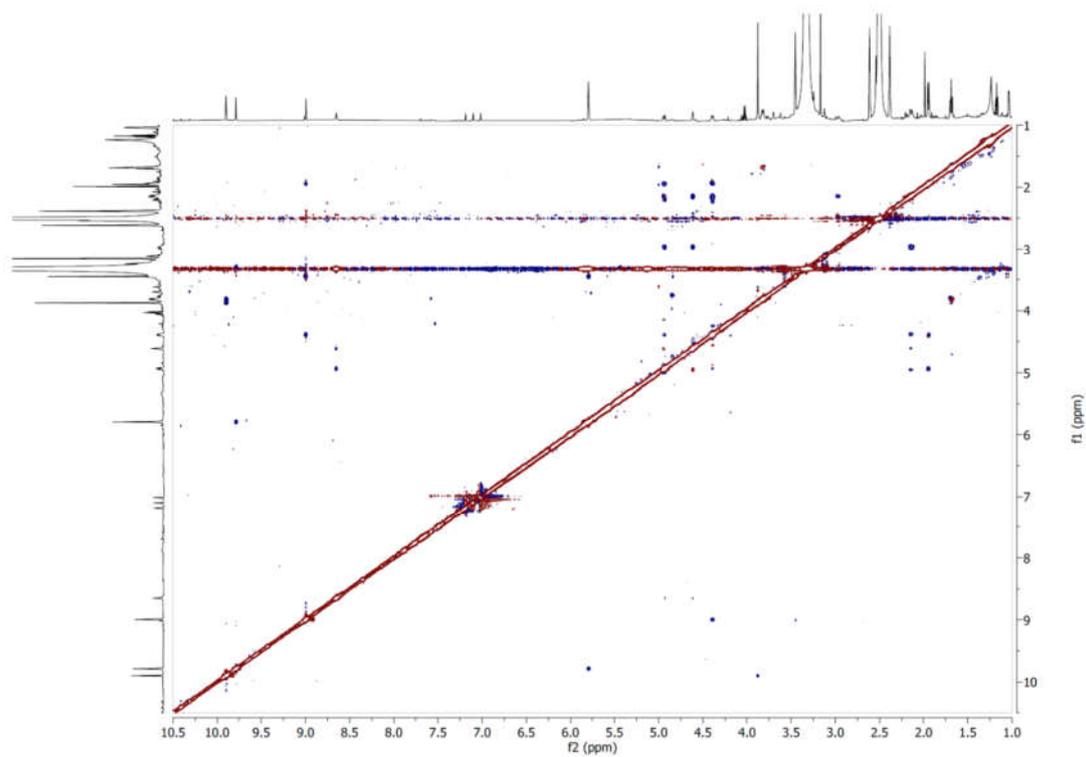
Supplementary Figure S29. COSY NMR spectrum of compound 6 in DMSO-*d*₆.



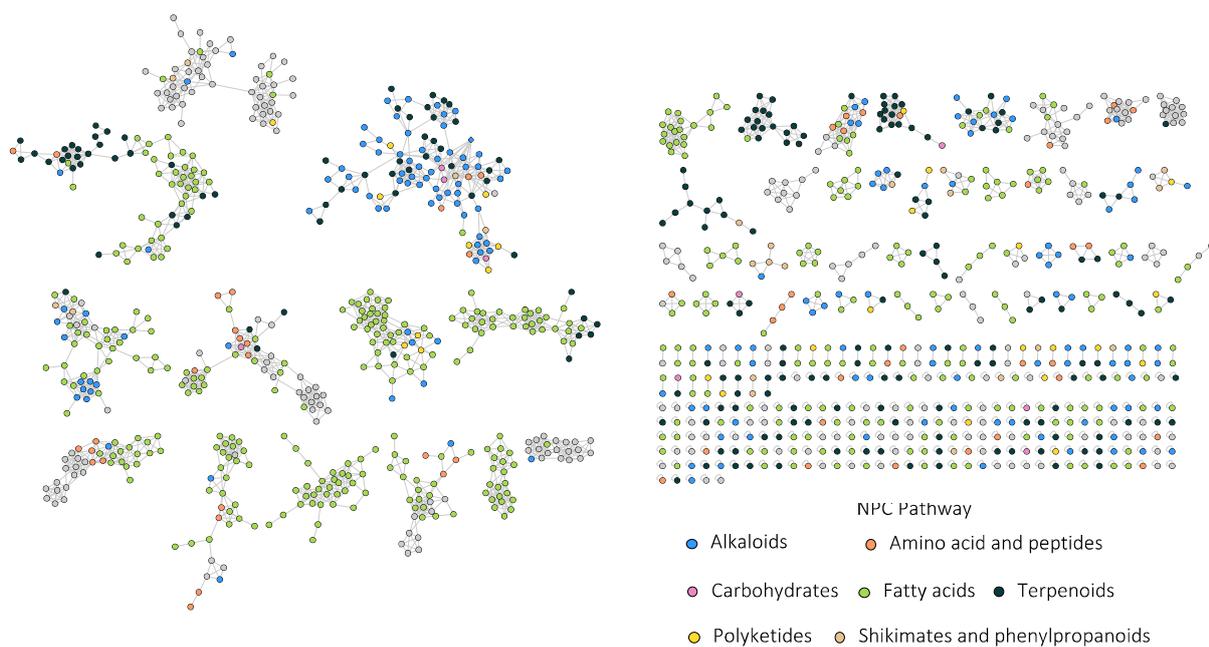
Supplementary Figure S30. Edited HSQC NMR spectrum of compound 6 in DMSO-*d*₆.



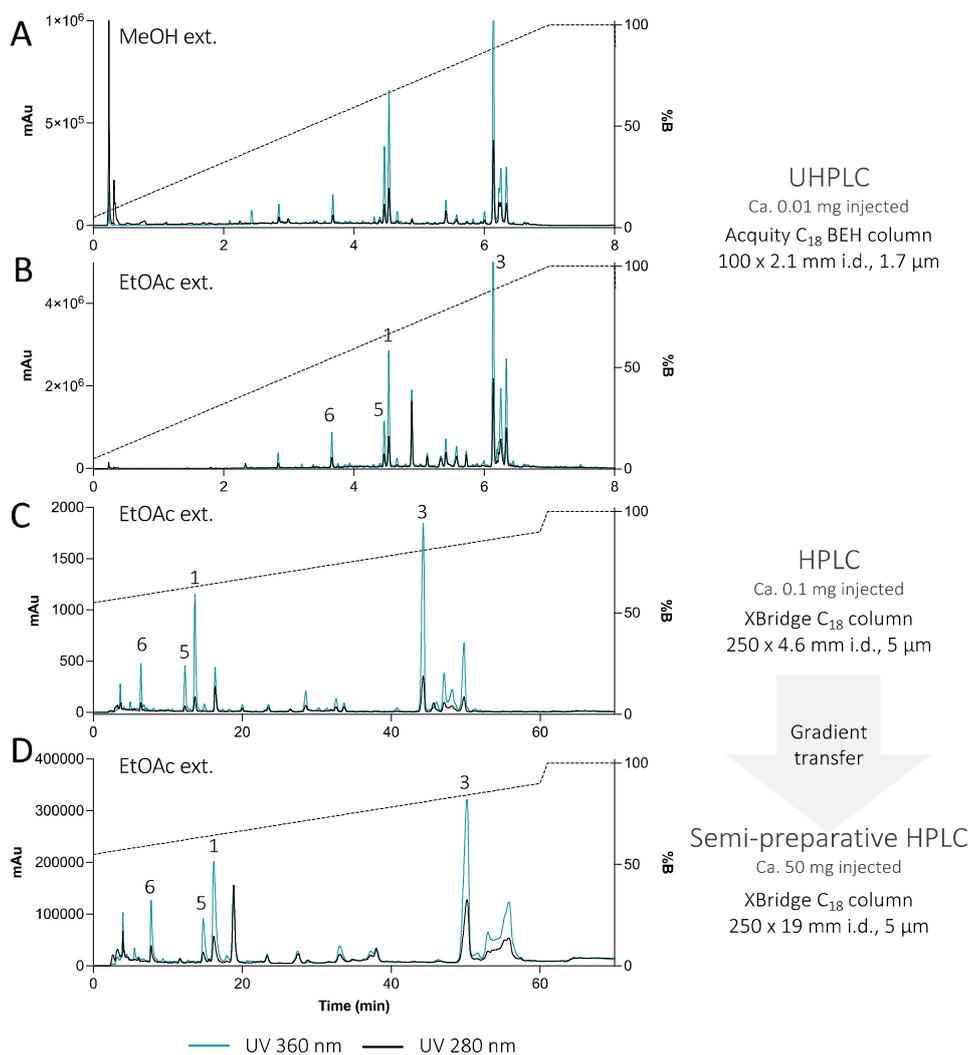
Supplementary Figure S31. HMBC NMR spectrum of compound **6** in DMSO-*d*₆.



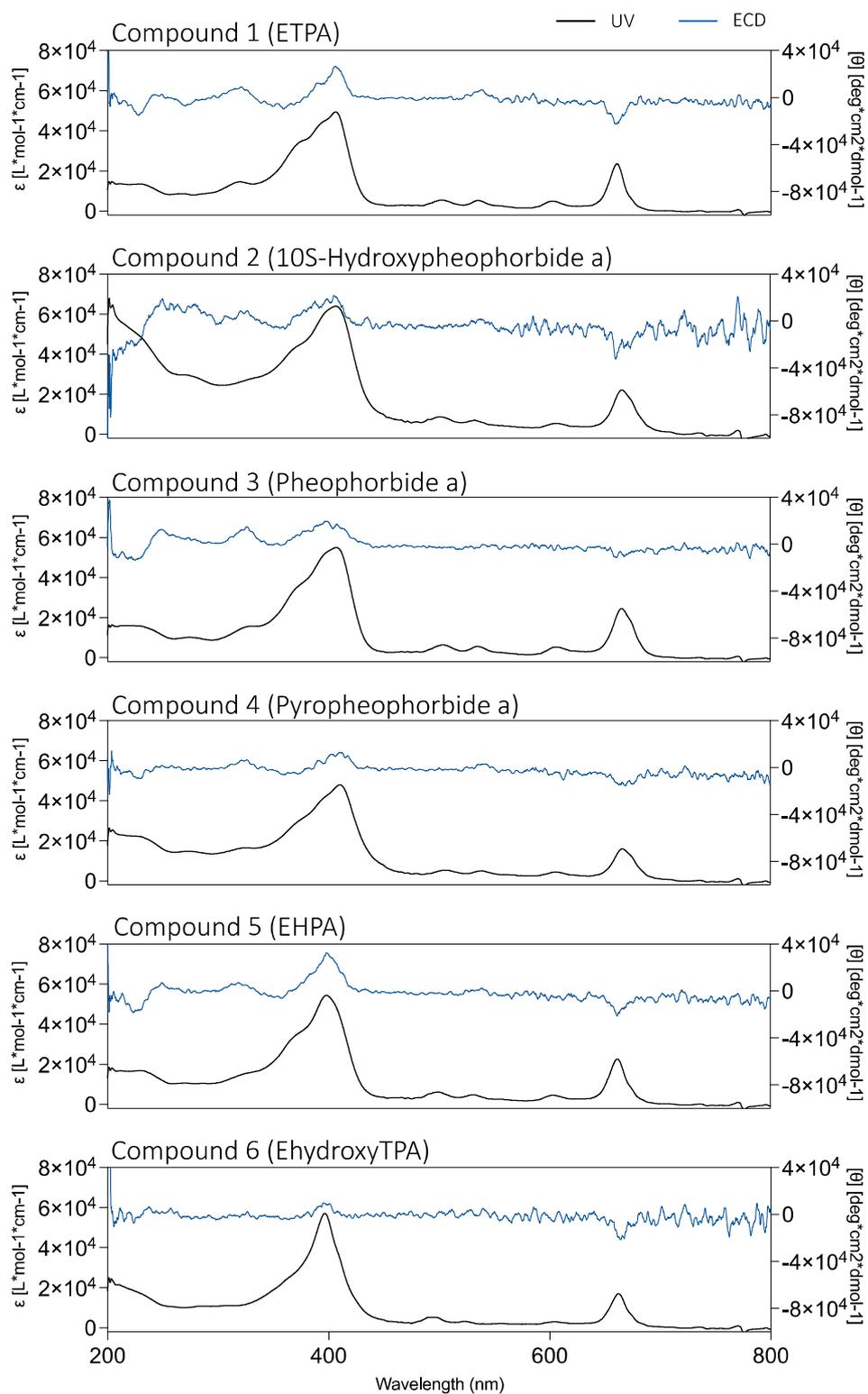
Supplementary Figure S32. ROESY NMR spectrum of compound **6** in DMSO-*d*₆.



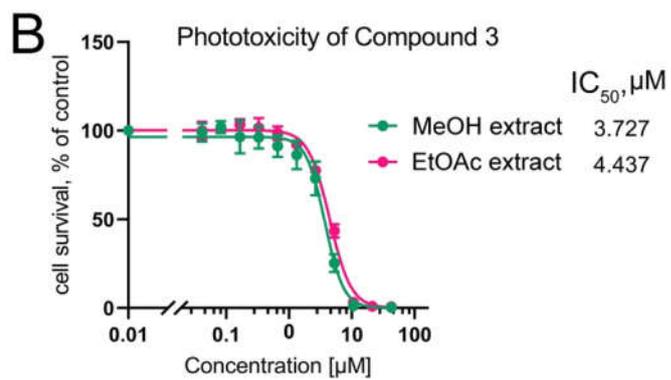
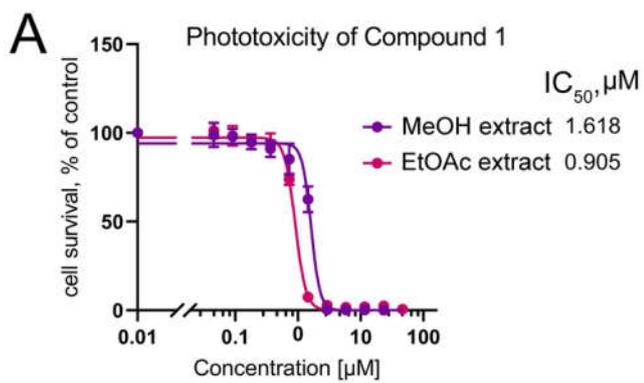
Supplementary Figure S33. Feature-based Molecular Network of the EtOAc and MeOH (butanolic fraction) extracts of *Ophiura sarsii*. Nodes are colored according to their predicted natural product pathway (NPClassifier).



Supplementary Figure S34. (A, B) UHPLC-PDA-ELSD analysis of the raw MeOH and EtOAc extract of *Ophiura sarsii*. (C) Optimized HPLC-PDA-ELSD analysis of the EtOAc extract of *O. sarsii*. (D) semi-preparative HPLC-UV analysis after gradient transfer using a dry load injection.



Supplementary Figure S35. UV and ECD spectra of the isolated compounds.



Supplementary Figure S36. Phototoxicity of compounds **1** (ETPA, A) and **3** (Pheophorbide a, B) isolated from MeOH and EtOAc extracts.