

Synthesis and Crystallographic Characterisation of Pyridyl- and Indoleninyl-Substituted Pyrimido[1,2-b]Indazoles

Abdul Qaiyum Ramle ^{1,*}, **Sang Loon Tan** ^{2,*} and **Edward R. T. Tiekink** ^{2,*}

¹ School of Chemical Sciences, Universiti Sains Malaysia (USM), Penang 11800, Malaysia

² Research Centre for Crystalline Materials, School of Medical and Life Sciences, Sunway University, Bandar Sunway 47500, Malaysia

* Correspondence: qaiyum@usm.my (A.Q.R.); alant@sunway.edu.my (S.L.T.); edwardt@sunway.edu.my (E.R.T.T.); Tel.: +60-3-7491-7181 (E.R.T.T.)

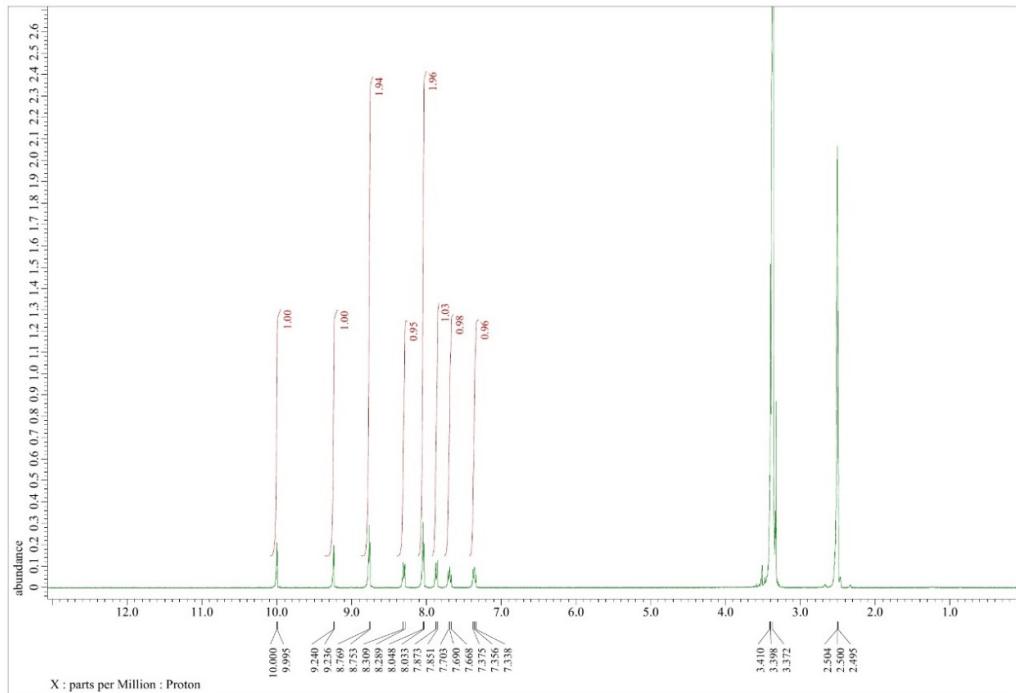


Figure S1. ^1H NMR (400 MHz, DMSO- d_6) spectrum of **1a**.

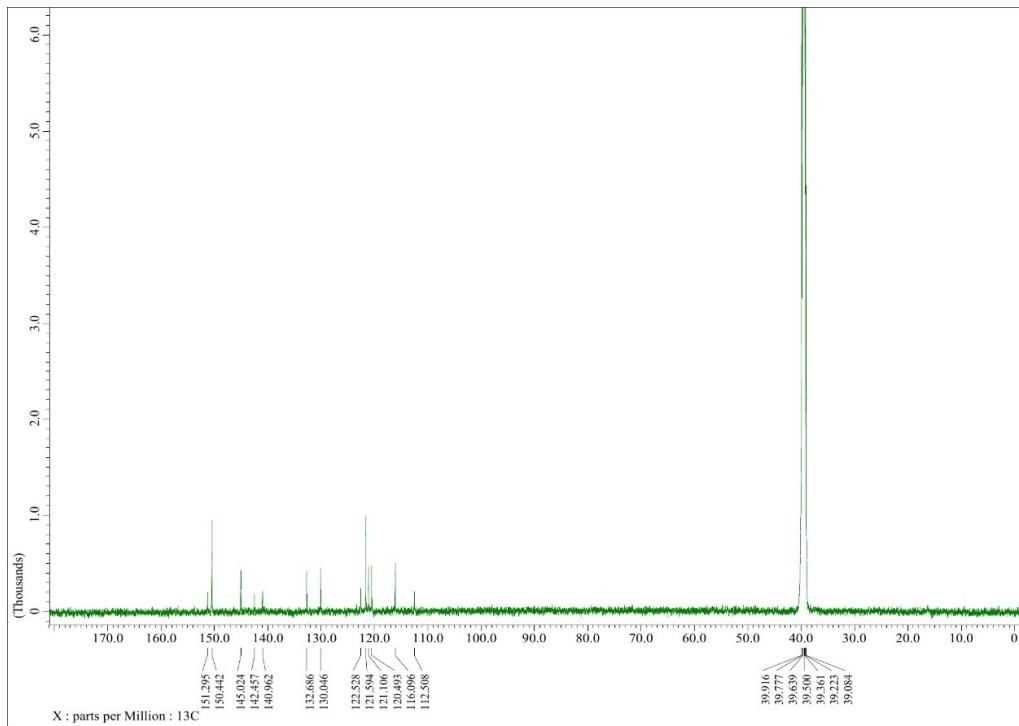


Figure S2. ^{13}C NMR (150 MHz, DMSO- d_6) spectrum of **1a**.

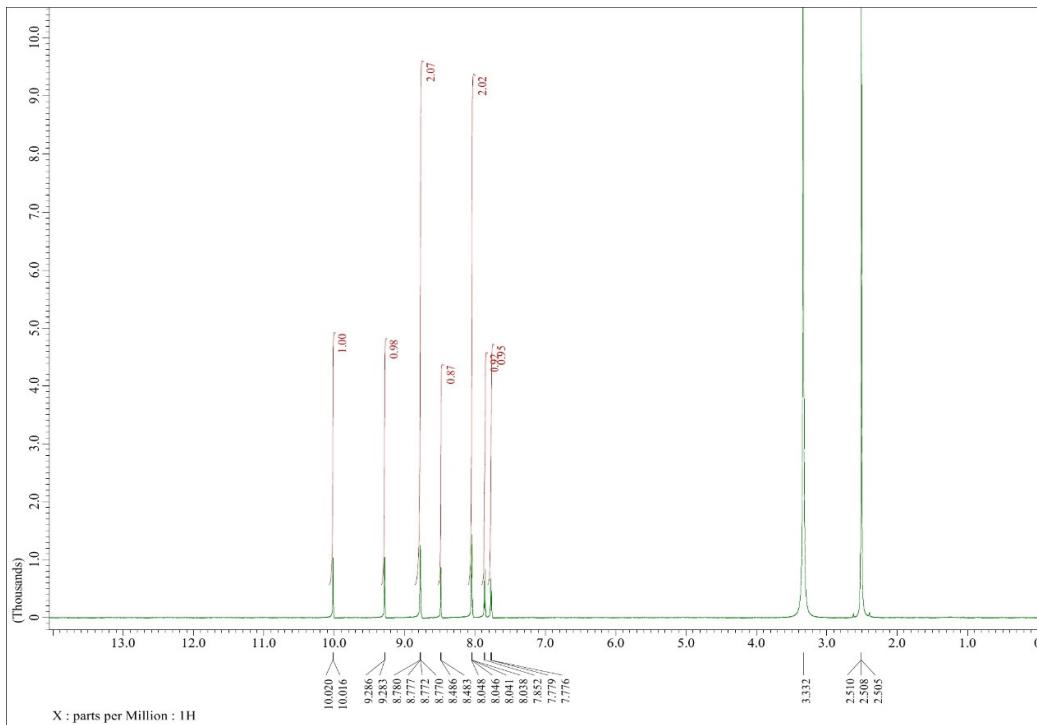


Figure S3. ^1H NMR (600 MHz, DMSO- d_6) spectrum of **1b**.

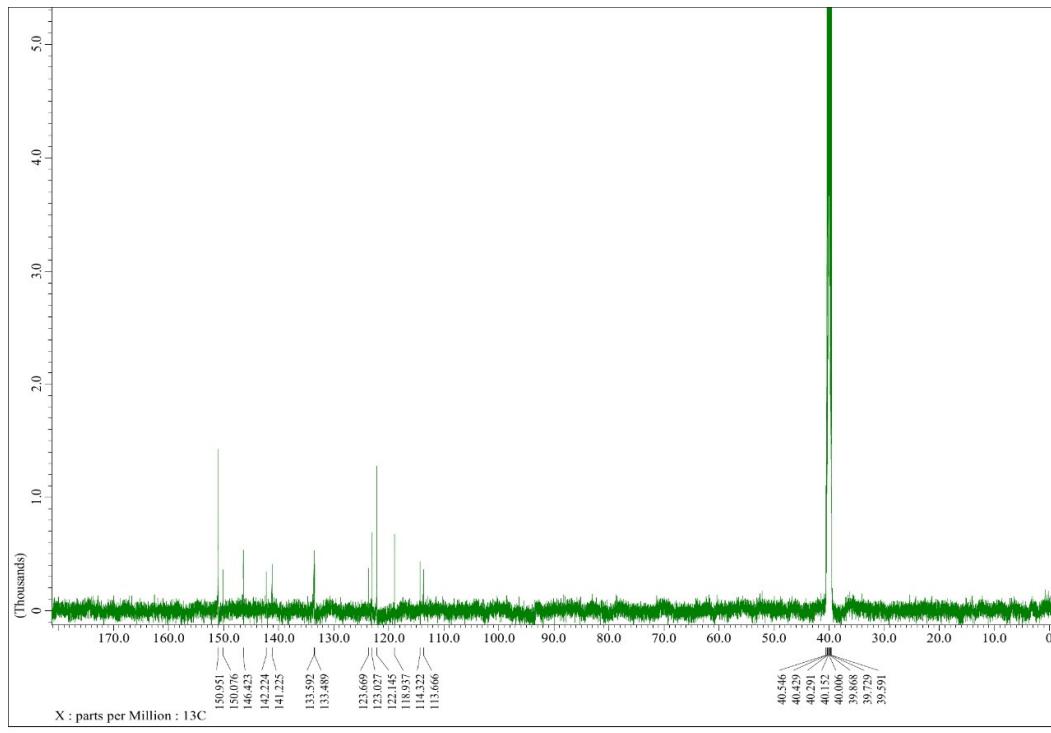


Figure S4. ^{13}C NMR (150 MHz, DMSO- d_6) spectrum of **1b**.

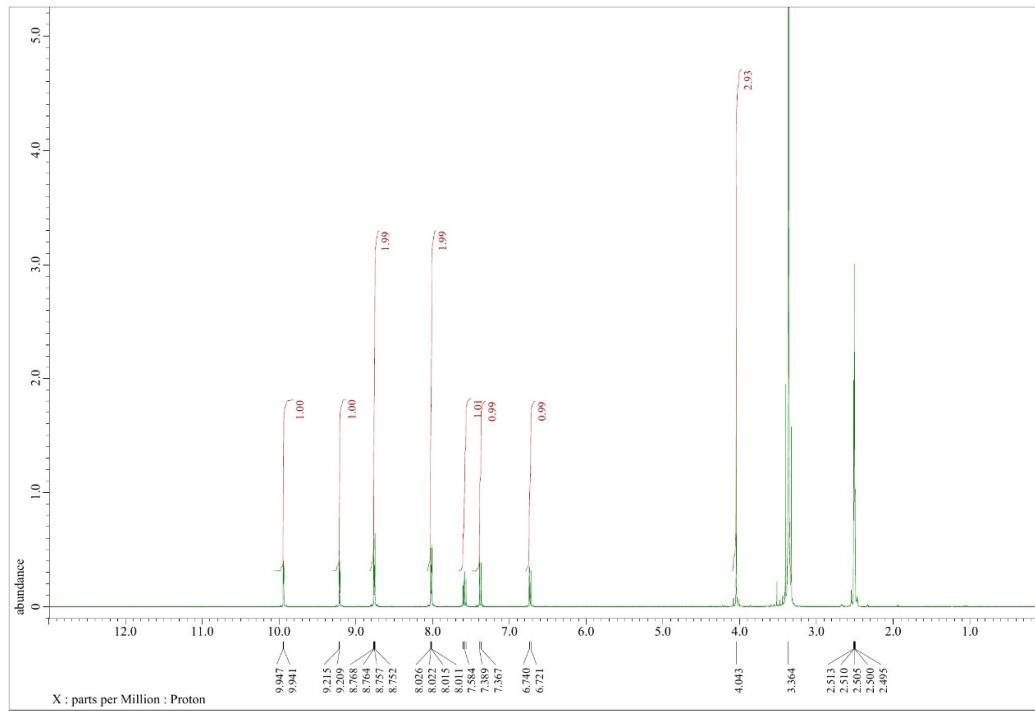


Figure S5. ^1H NMR (400 MHz, DMSO- d_6) spectrum of **1c**.

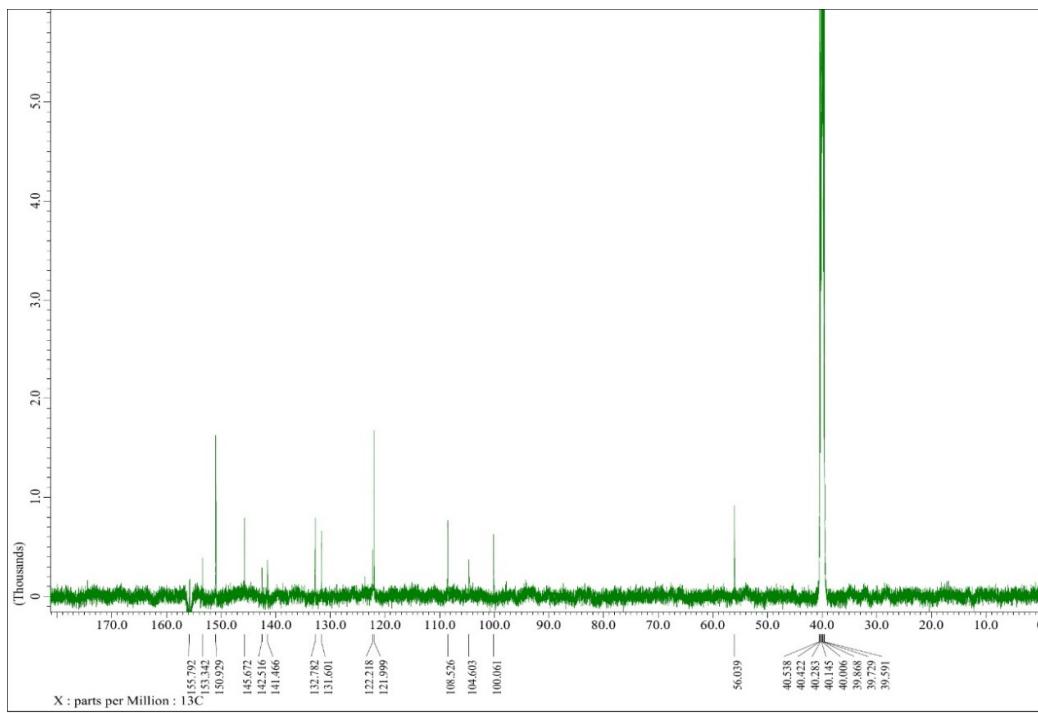


Figure S6. ^{13}C NMR (150 MHz, DMSO- d_6) spectrum of **1c**.

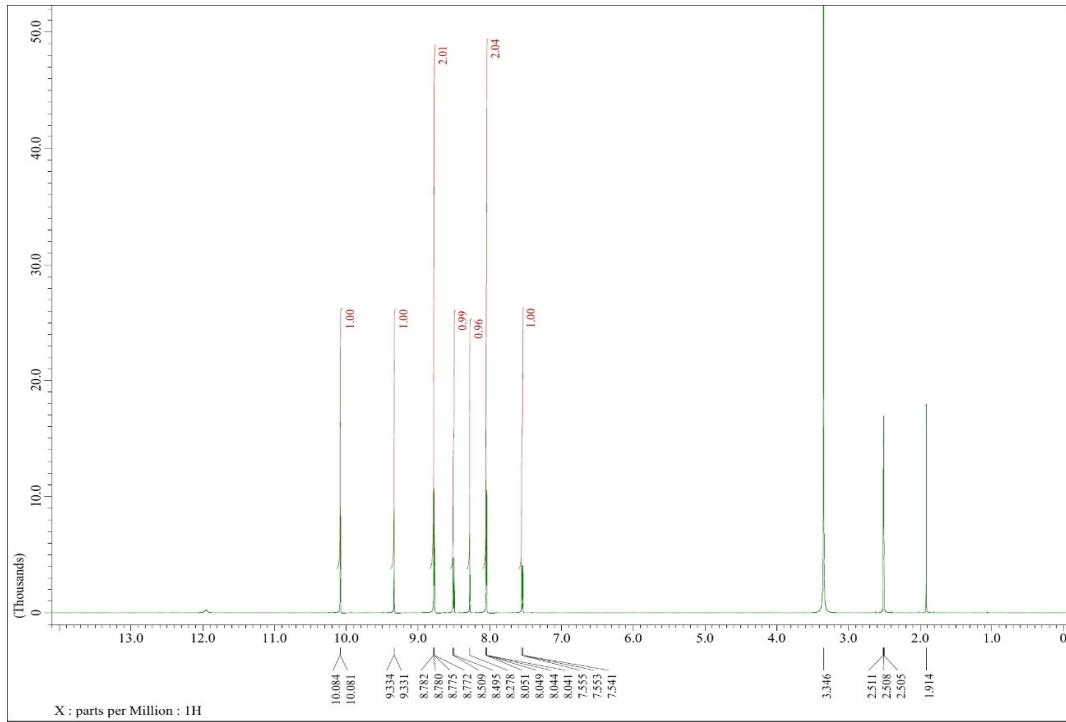


Figure S7. ^1H NMR (600 MHz, DMSO- d_6) spectrum of **1d**.

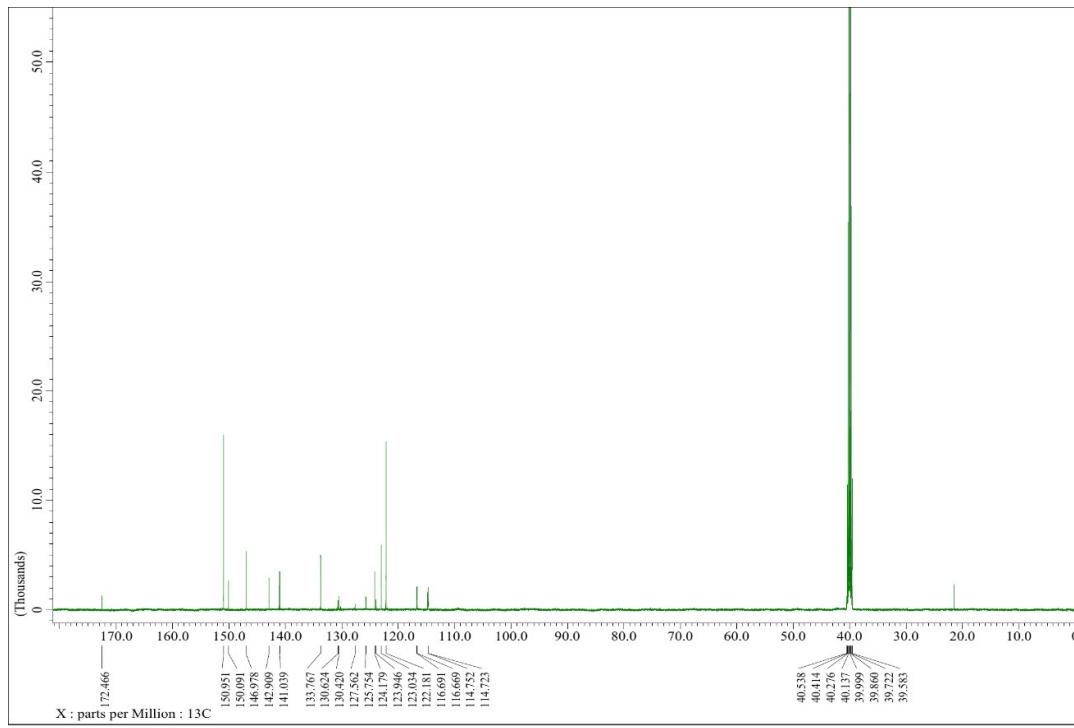


Figure S8. ^{13}C NMR (150 MHz, $\text{DMSO}-d_6$) spectrum of **1d**.

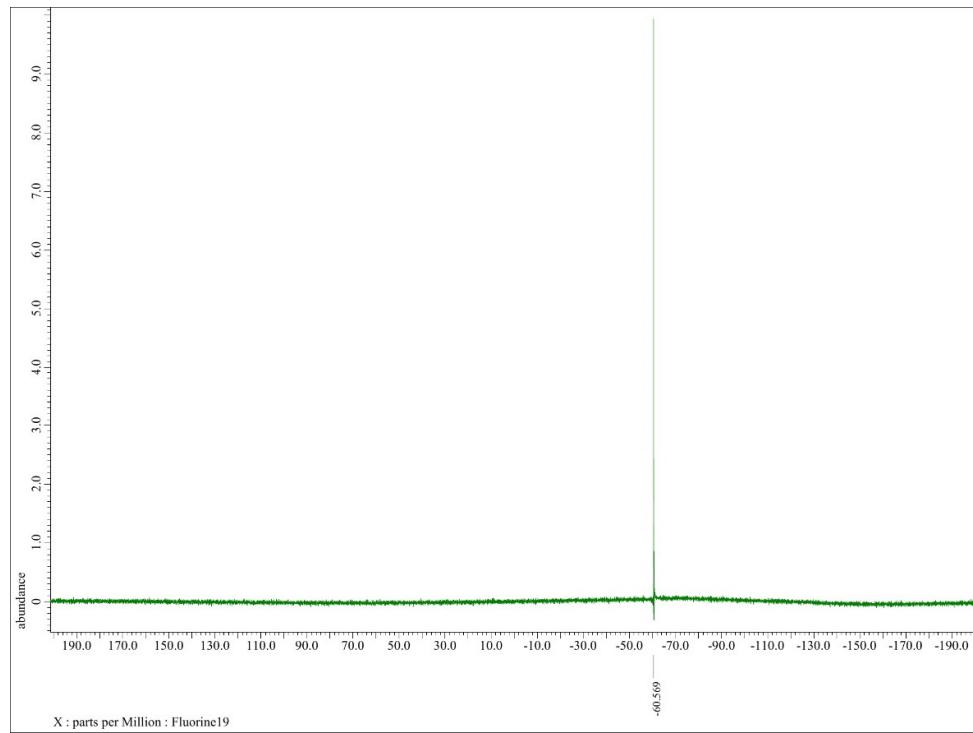


Figure S9. ^{19}F NMR (376 MHz, $\text{DMSO}-d_6$) of **1d**.

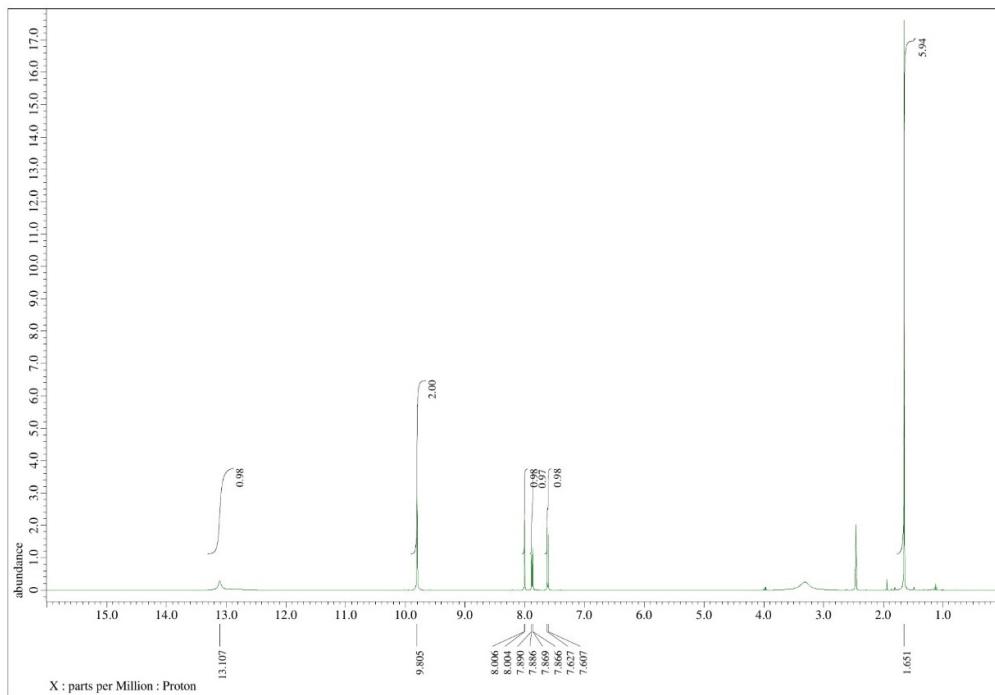


Figure S10. ^1H NMR (400 MHz, DMSO- d_6) of **3**.

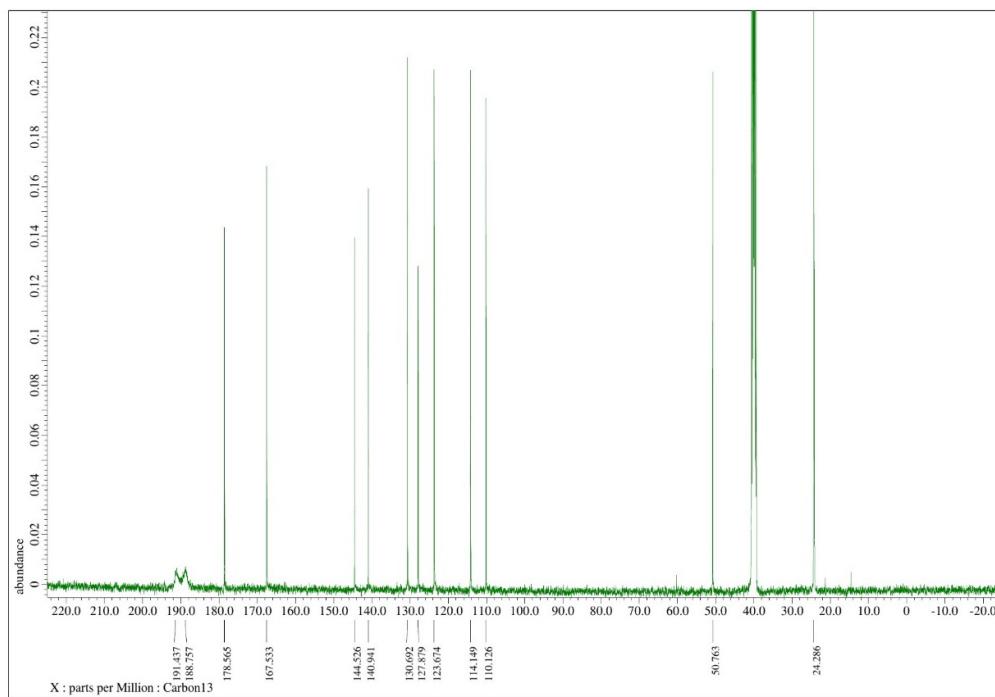


Figure S11. ^{13}C NMR (100 MHz, DMSO- d_6) spectrum of **3**.

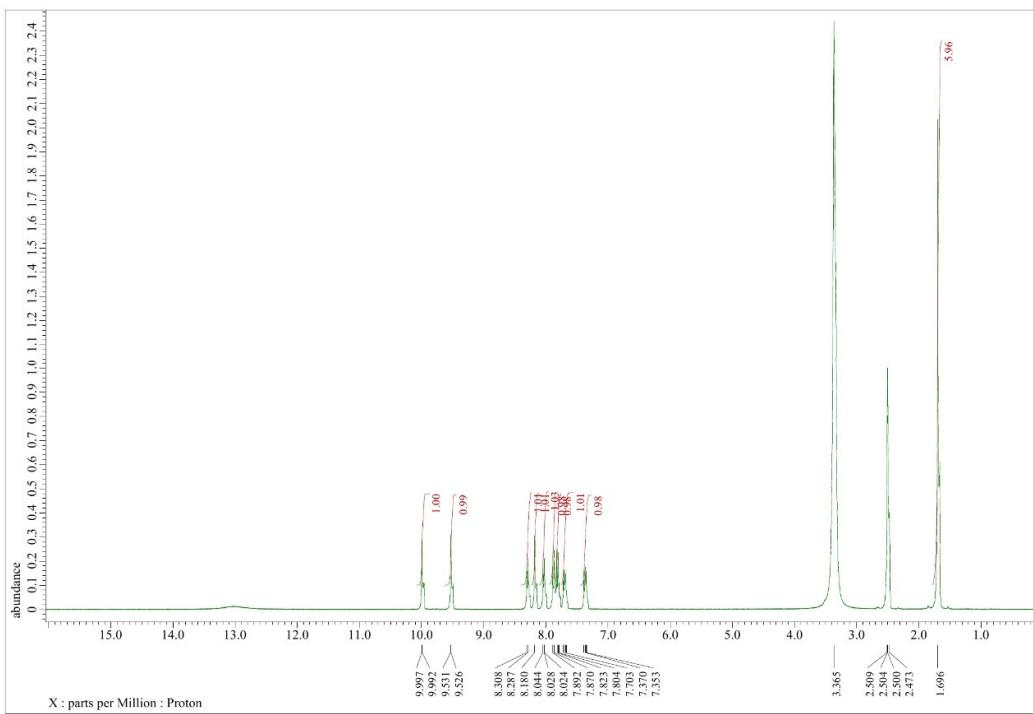


Figure S12. ^1H NMR (400 MHz, $\text{DMSO}-d_6$) spectrum of **4a**.

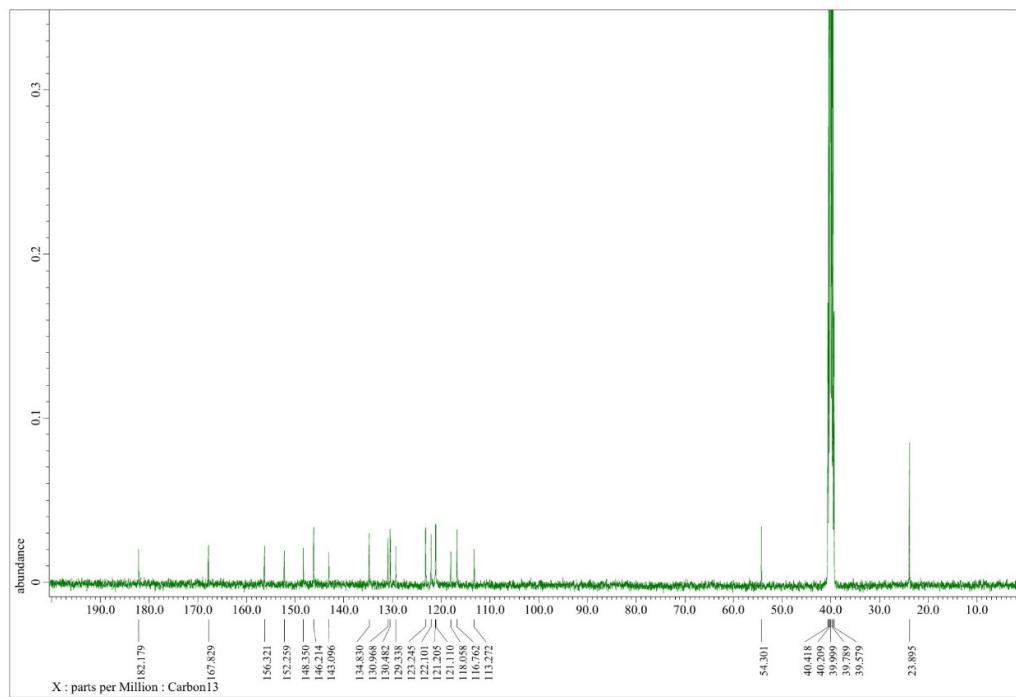


Figure S13. ^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) spectrum of **4a**.

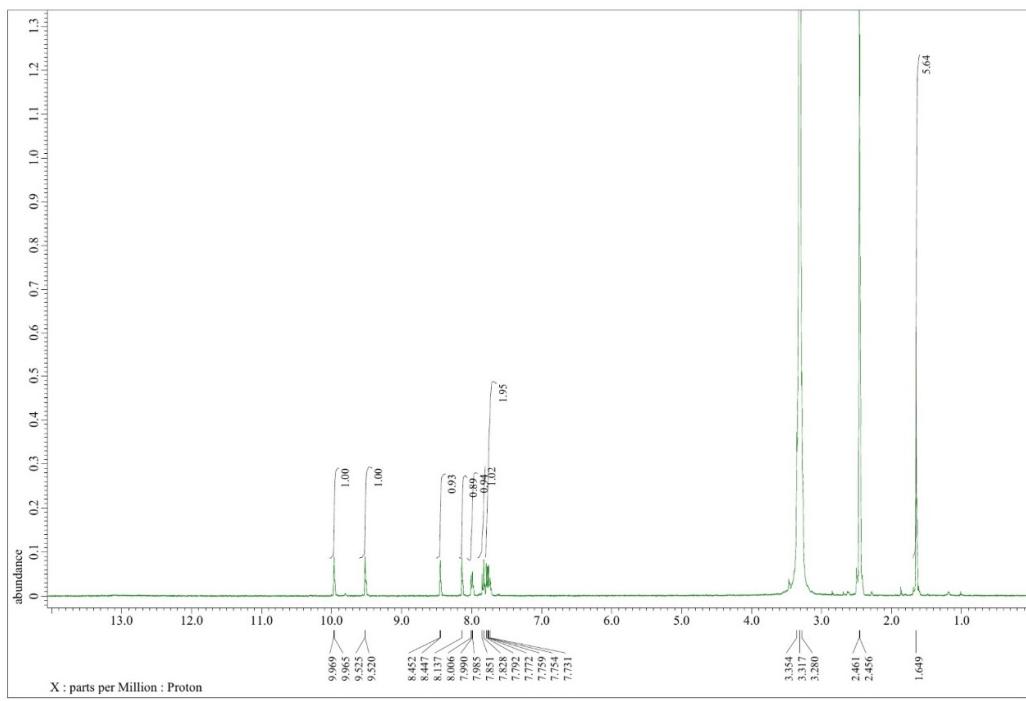


Figure S14. ^1H NMR (400 MHz, $\text{DMSO}-d_6$) spectrum of **4b**.

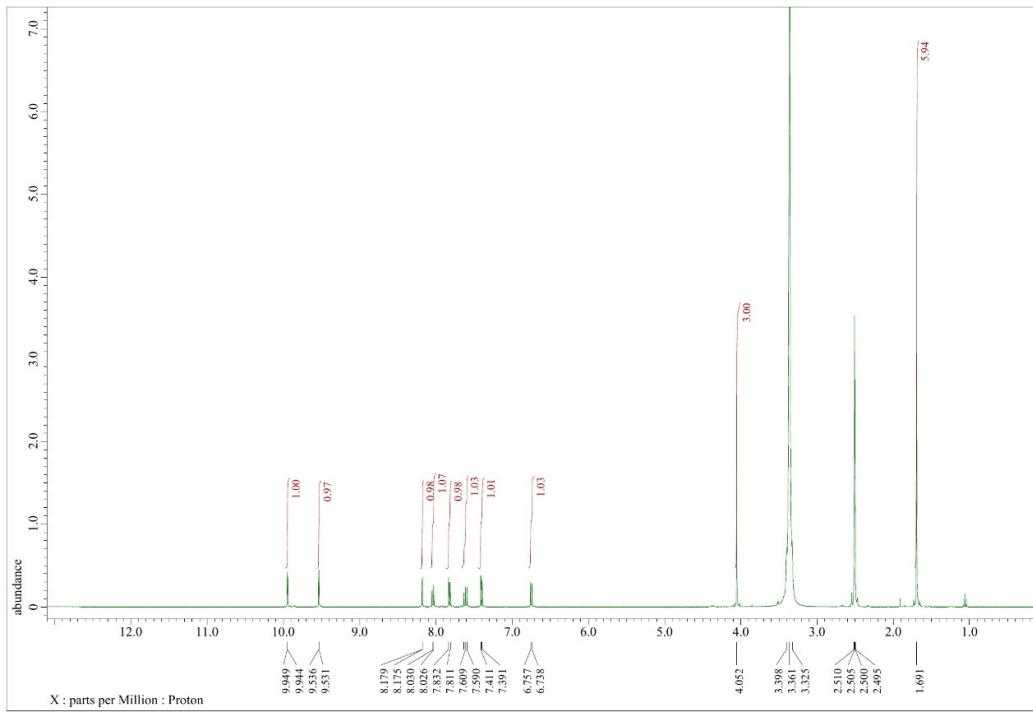


Figure S15. ^1H NMR (400 MHz, $\text{DMSO}-d_6$) spectrum of **4c**.

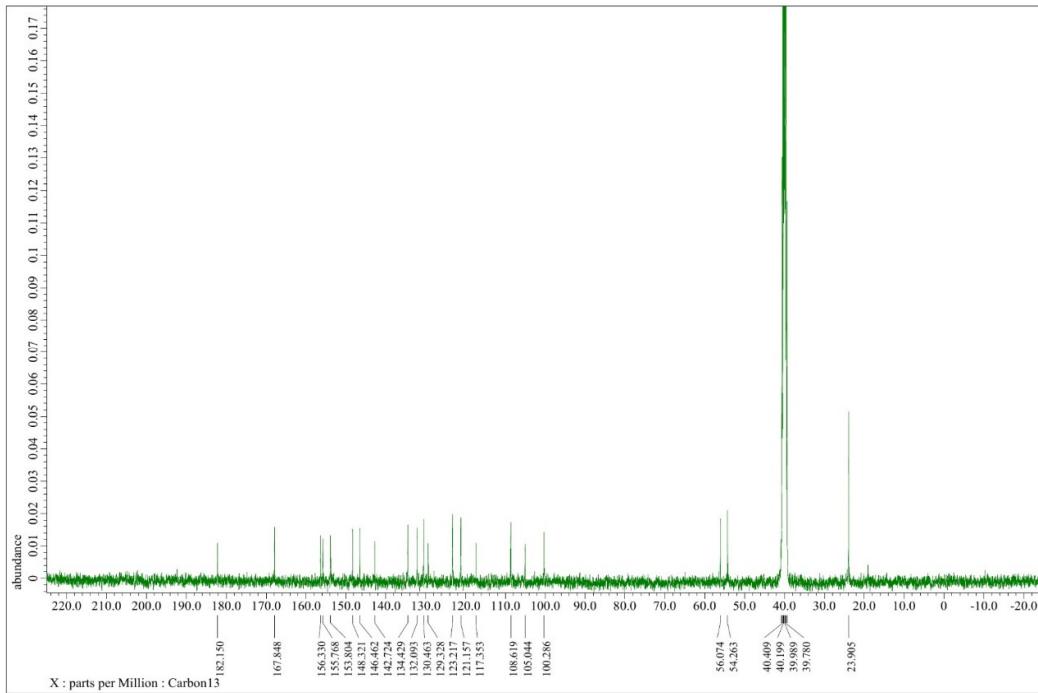


Figure S16. ^{13}C NMR (100 MHz, DMSO- d_6) spectrum of **4c**.

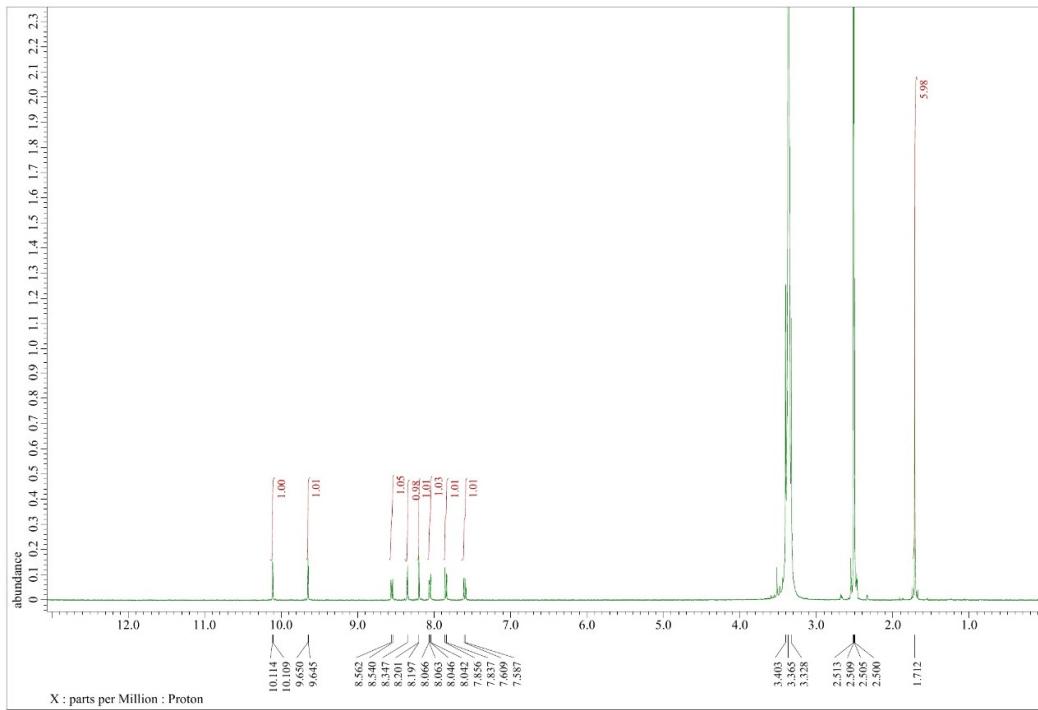


Figure S17. ^1H NMR (400 MHz, DMSO- d_6) spectrum of **4d**.

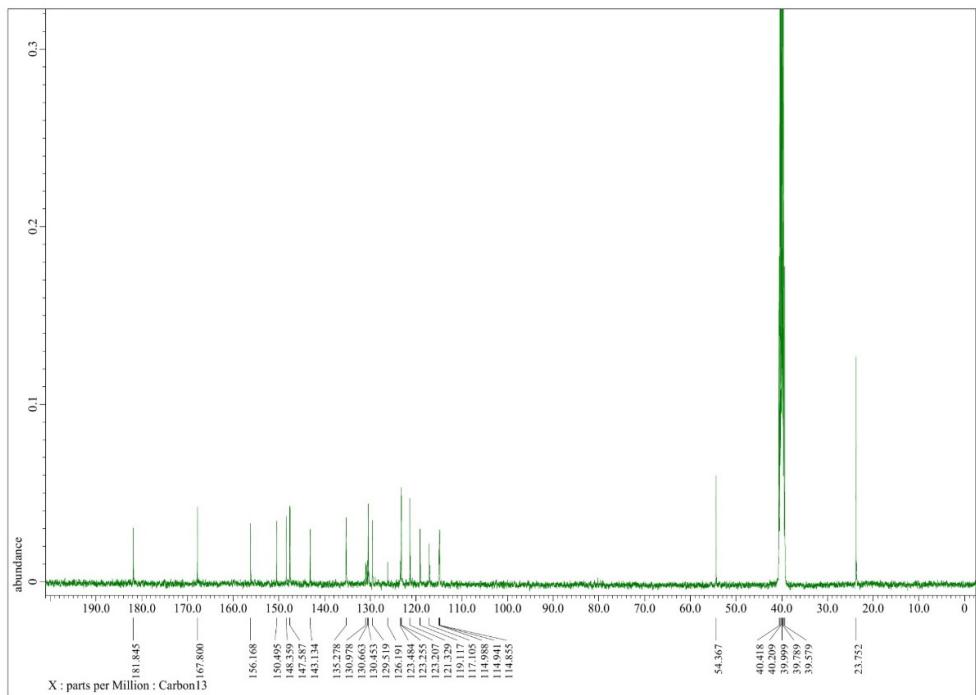


Figure S18. ^{13}C NMR (100 MHz, DMSO- d_6) spectrum of **4d**.

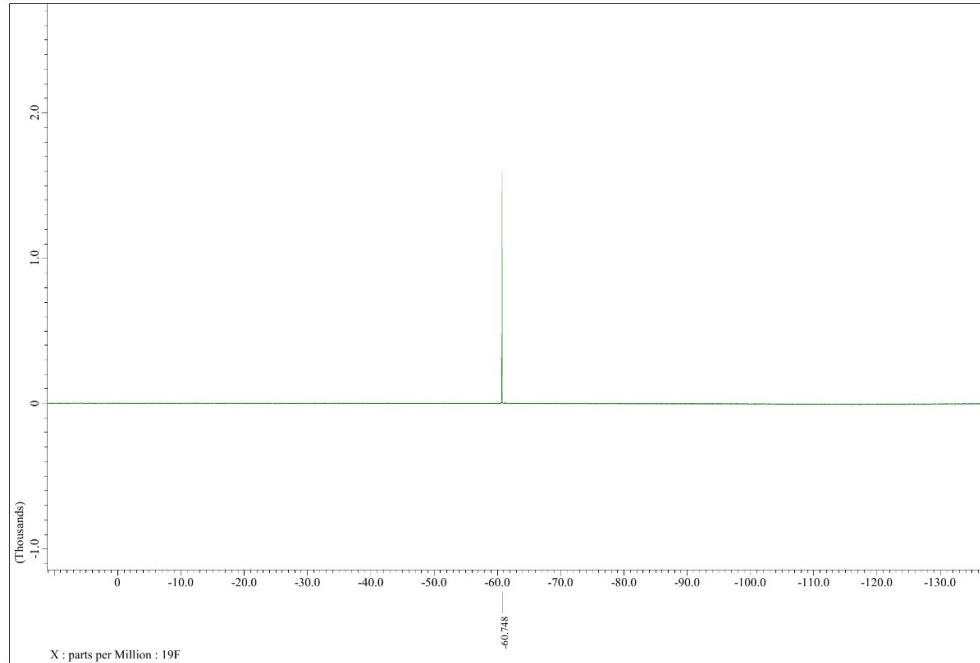


Figure S19. ^{19}F NMR (376 MHz, DMSO- d_6) spectrum of **4d**.