

Supplementary Material: Evaluation of a resorcinarene-based sorbent as a solid-phase extraction material for the enrichment of L-carnitine from aqueous solutions

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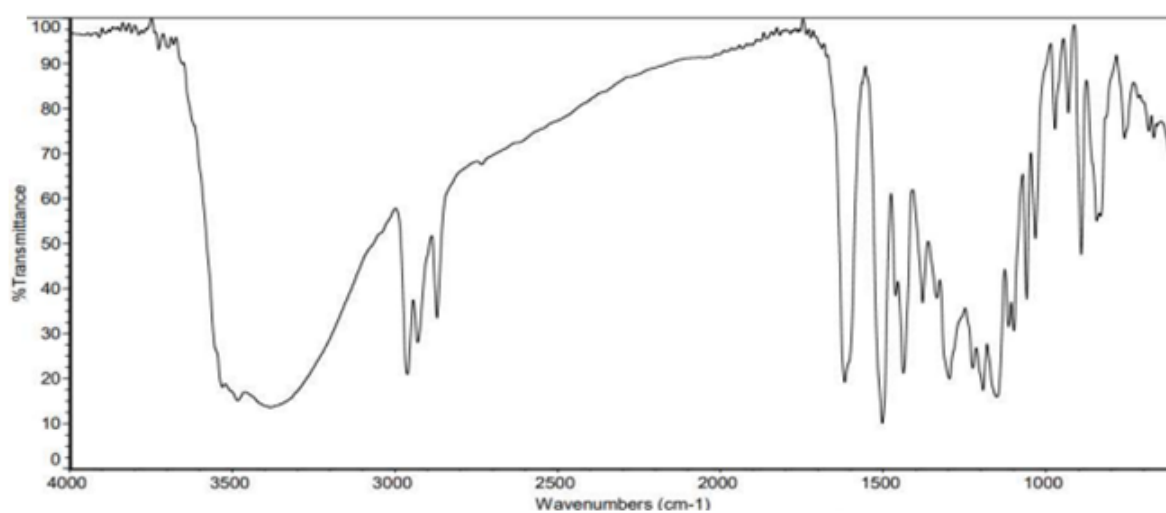


Figure S1. FT-IR spectrum of compound 1

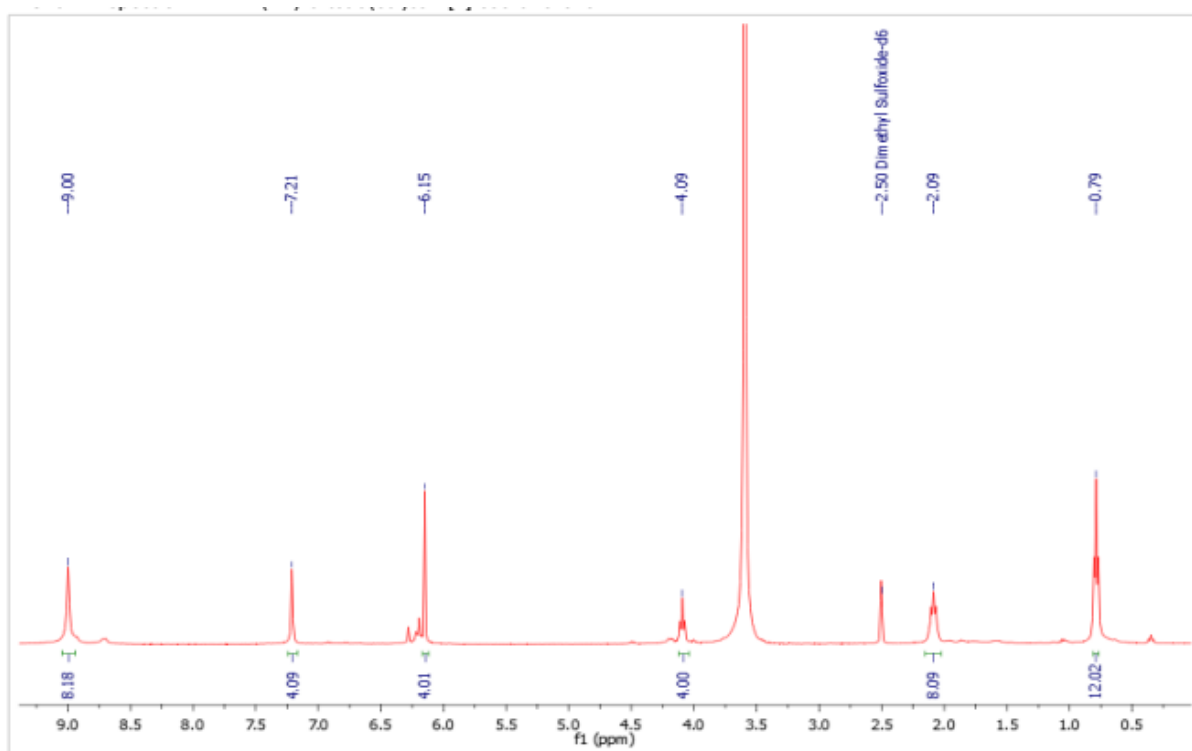


Figure S2. ¹H-NMR spectrum (400 MHz, DMSO-*d*₆, 293 K) of compound **1**

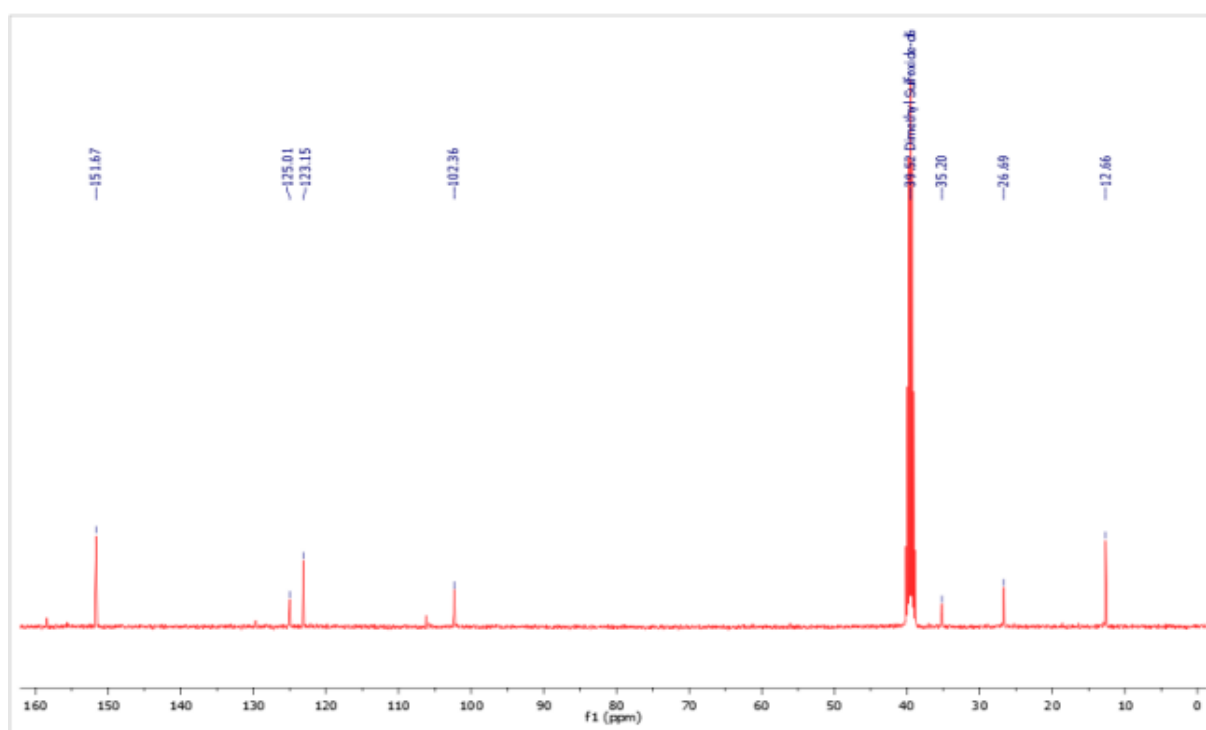


Figure S3. ¹³C-NMR spectrum (400 MHz, DMSO-*d*₆, 293 K) of compound **1**

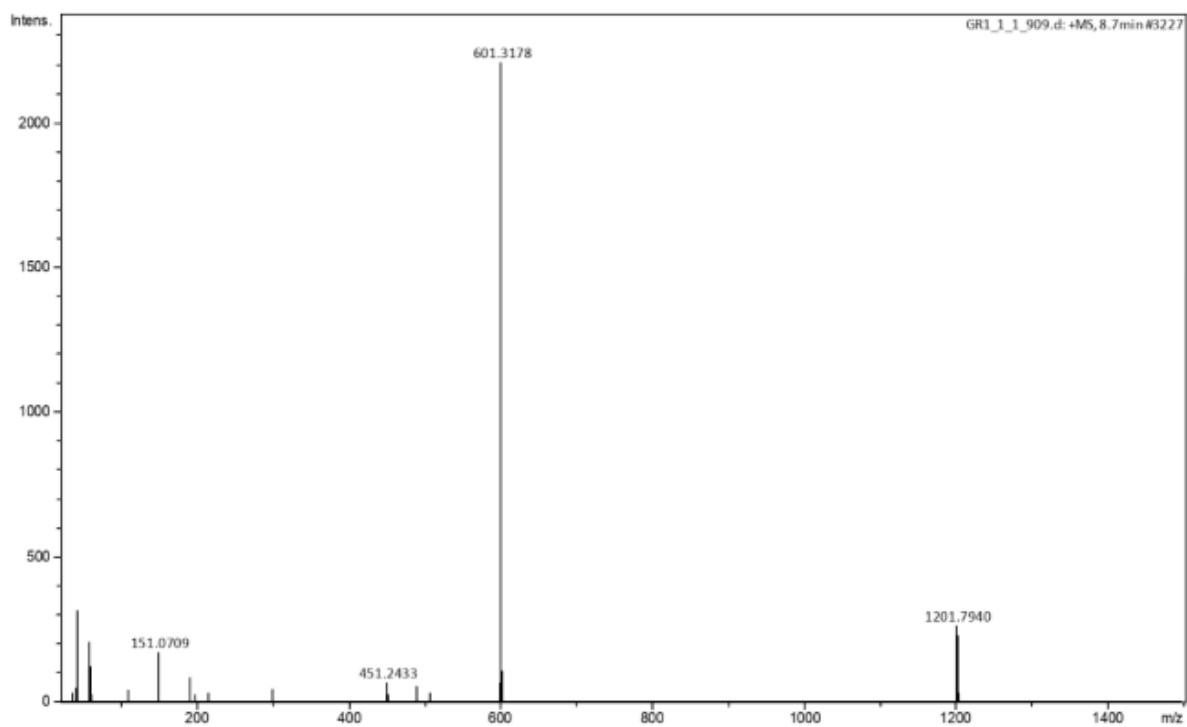


Figure S4. MS spectrum of compound 1

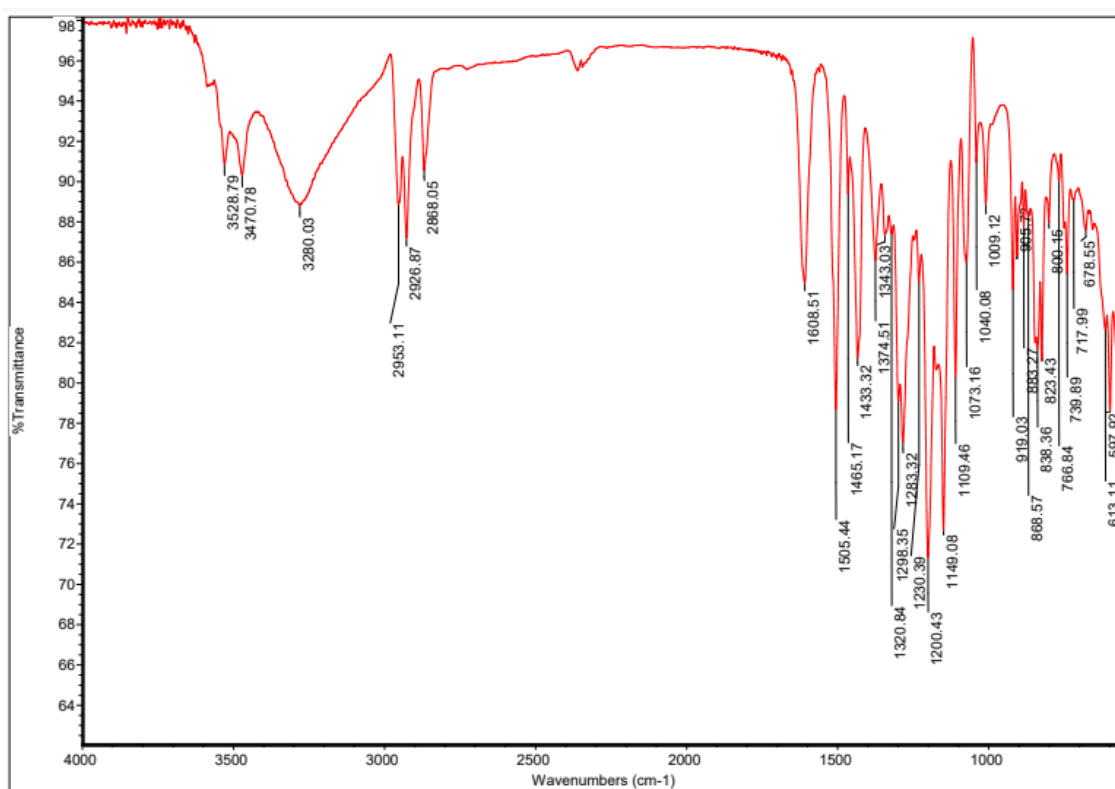


Figure S5. FT-IR spectrum of compound 2

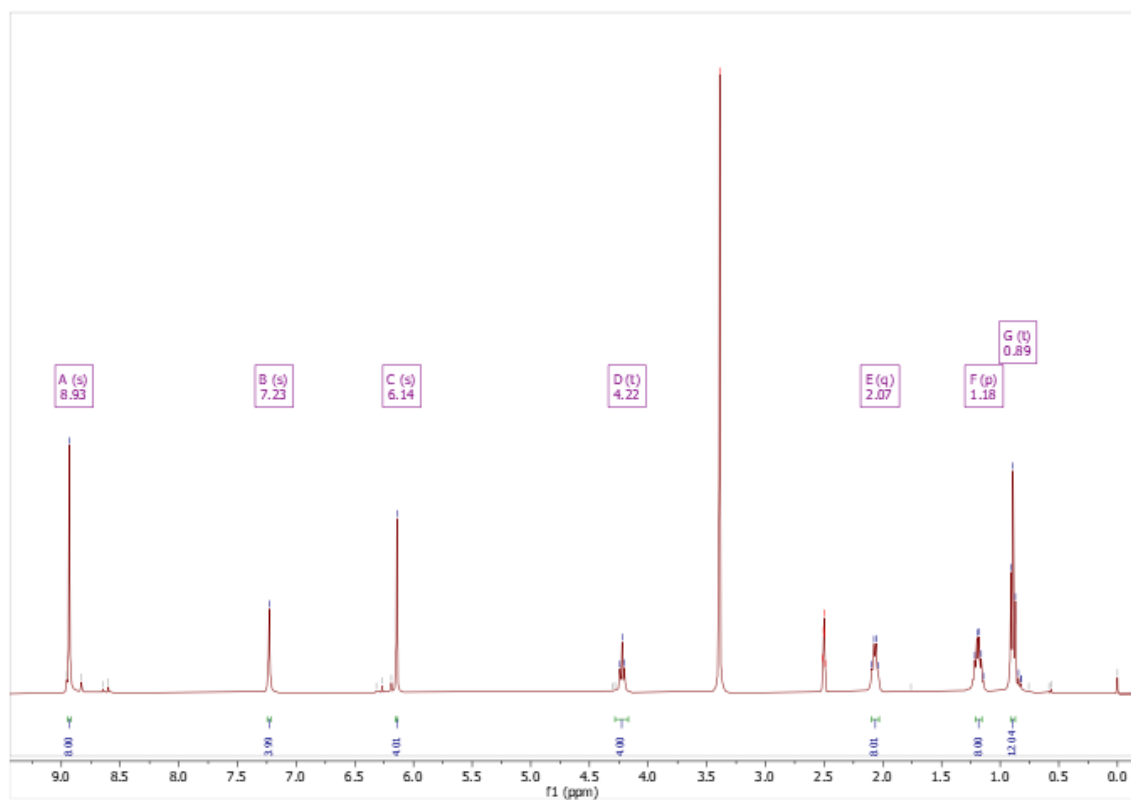


Figure S6. ^1H -NMR spectrum (400 MHz, $\text{DMSO}-d_6$, 293 K) of compound **2**

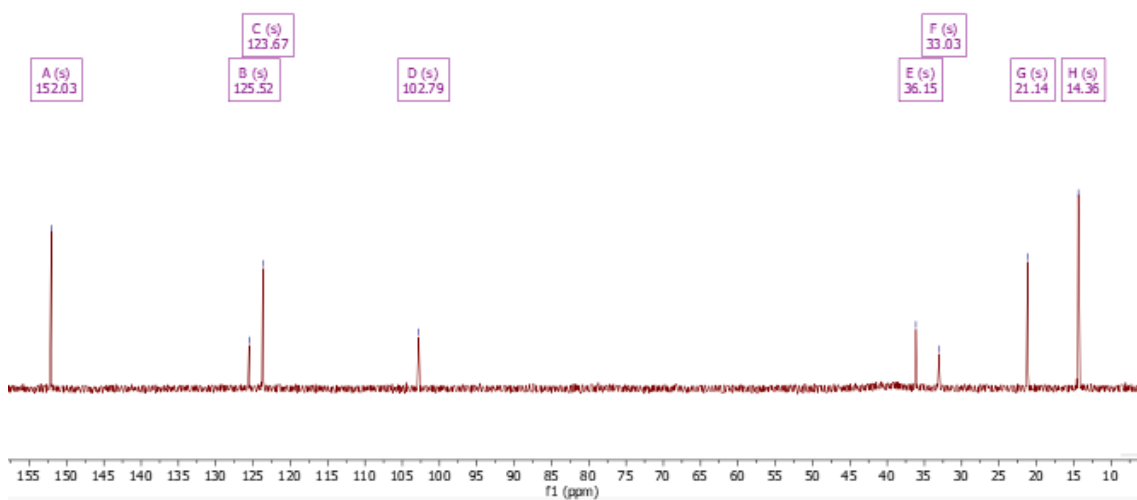


Figure S7. ^{13}C -NMR spectrum (400 MHz, $\text{DMSO}-d_6$, 293 K) of compound **2**

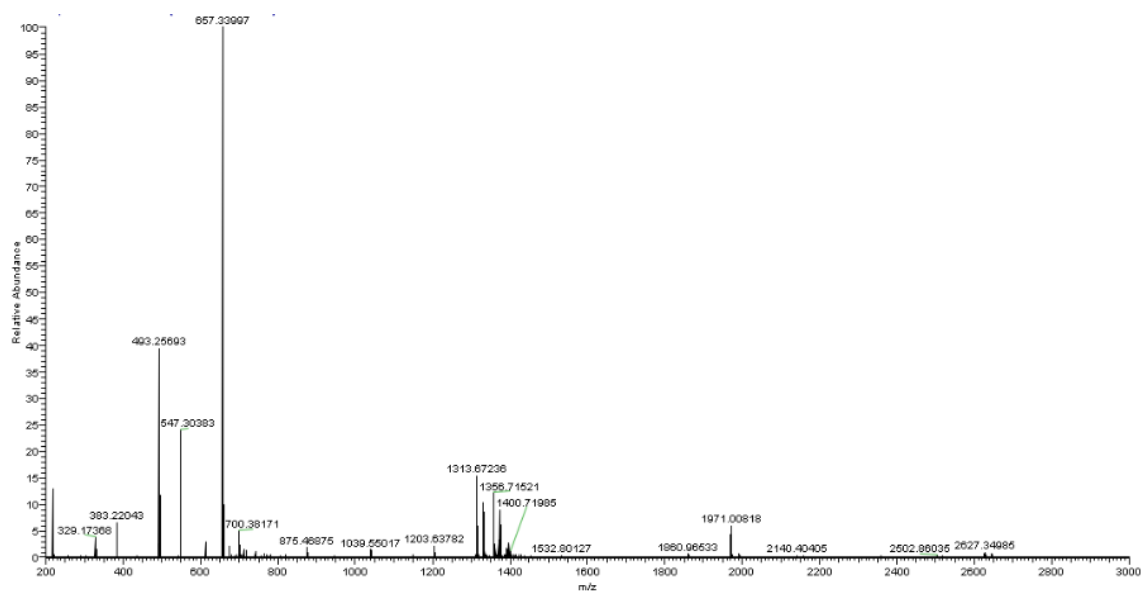


Figure S8. MS spectrum of compound 2

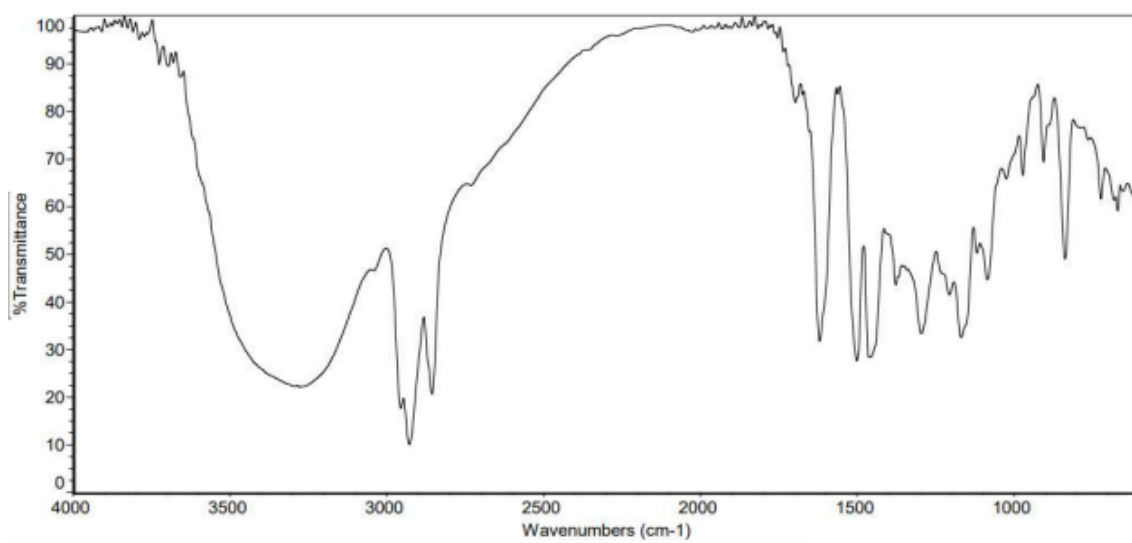


Figure S9. FT-IR spectrum of compound 3

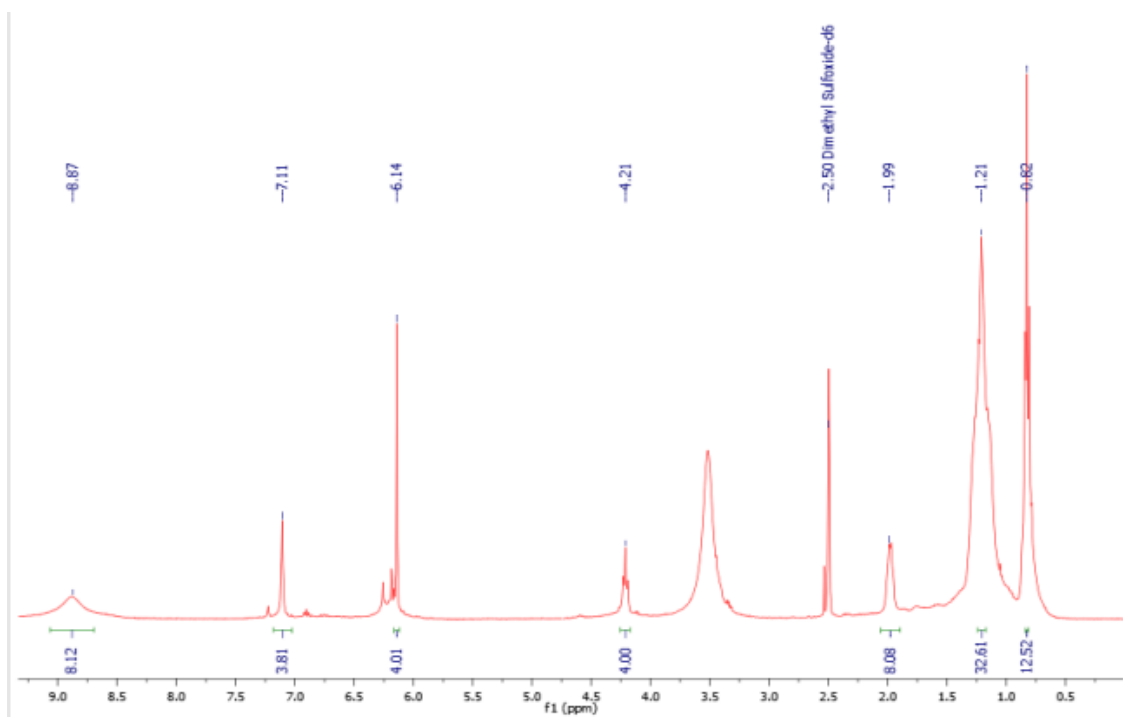


Figure S10. ¹H-NMR spectrum (400 MHz, DMSO-*d*₆, 293 K) of compound 3

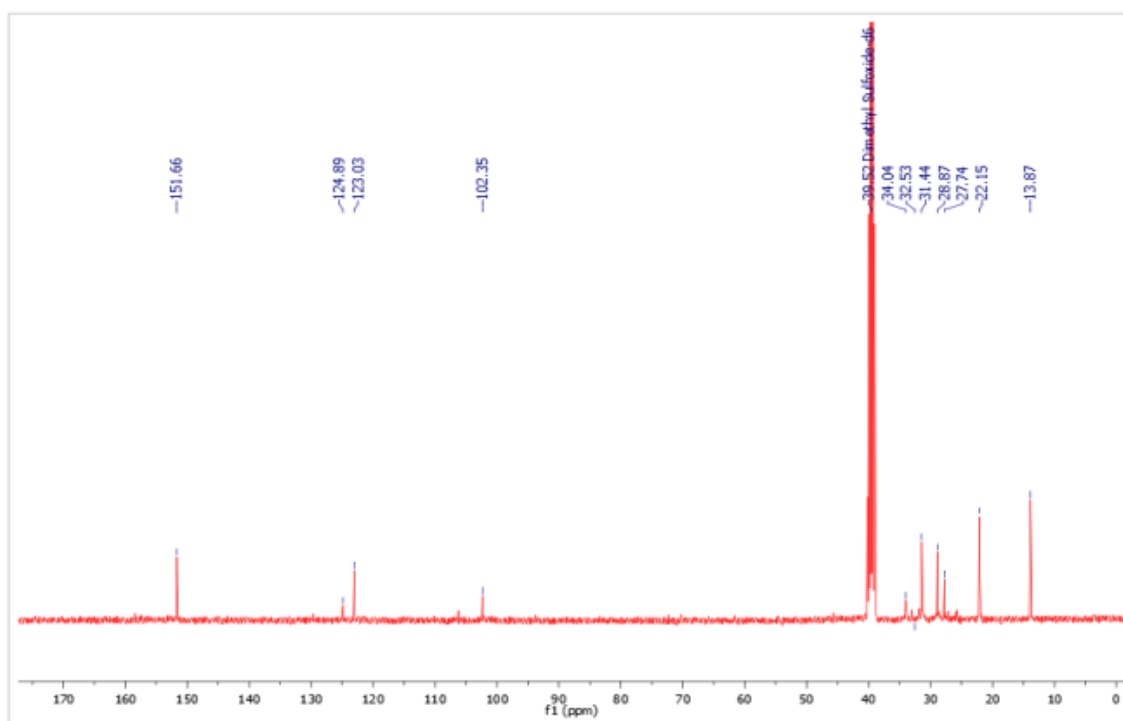


Figure S11. ¹³C-NMR spectrum (400 MHz, DMSO-*d*₆, 293 K) of compound 3

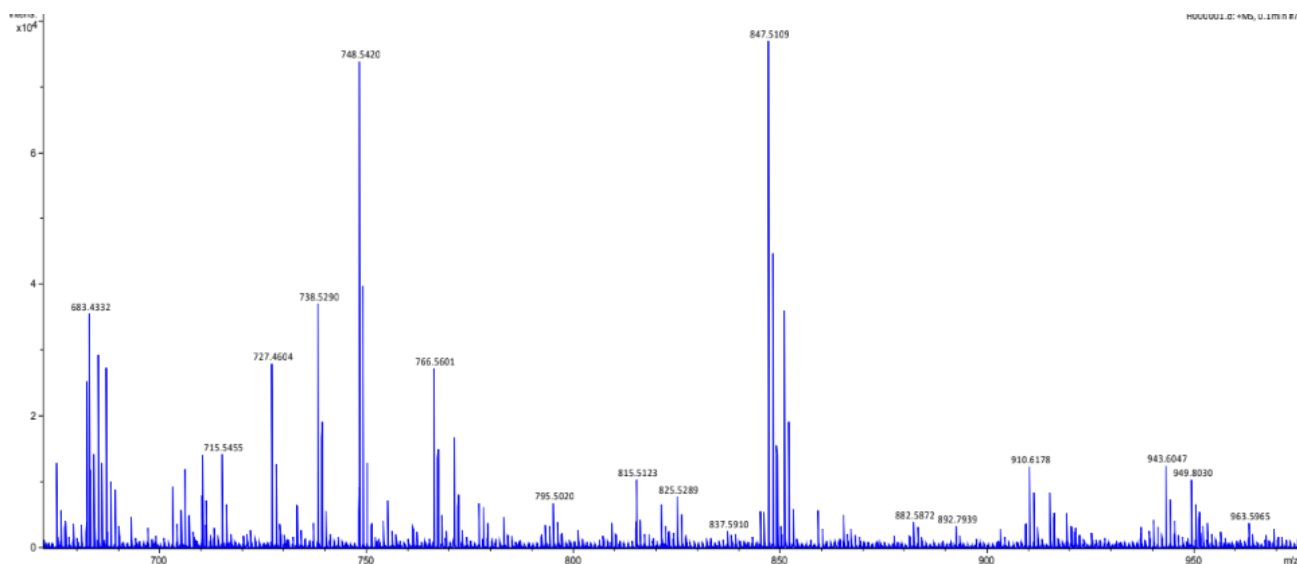


Figure S12. MS spectrum of compound 3

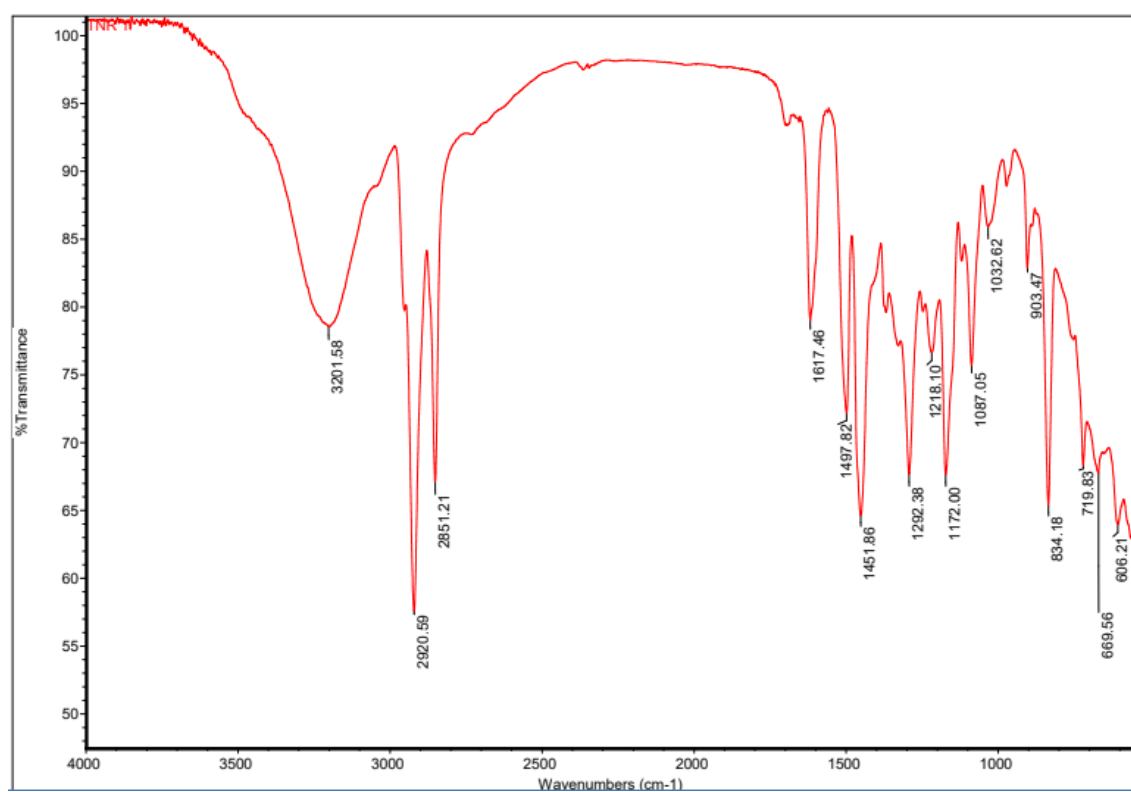
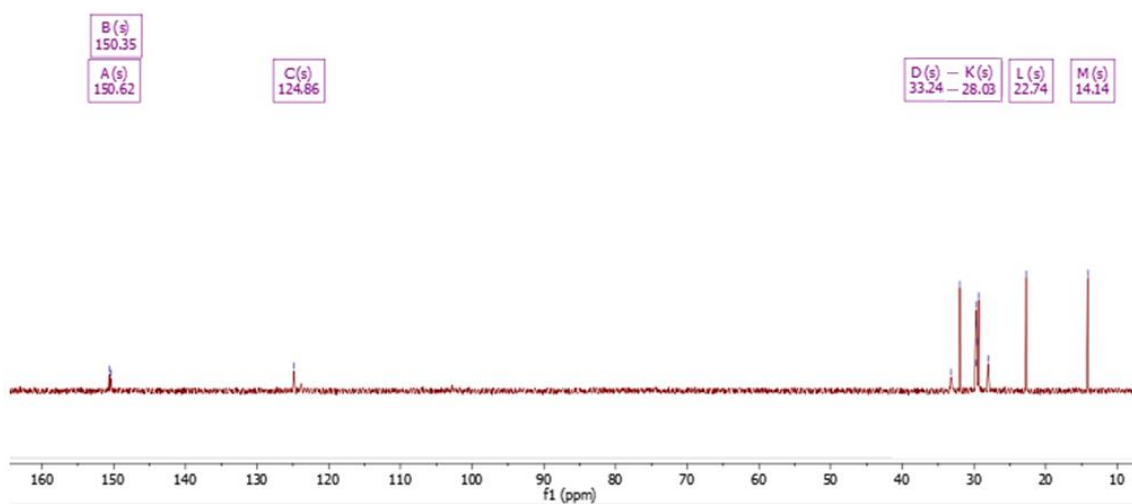
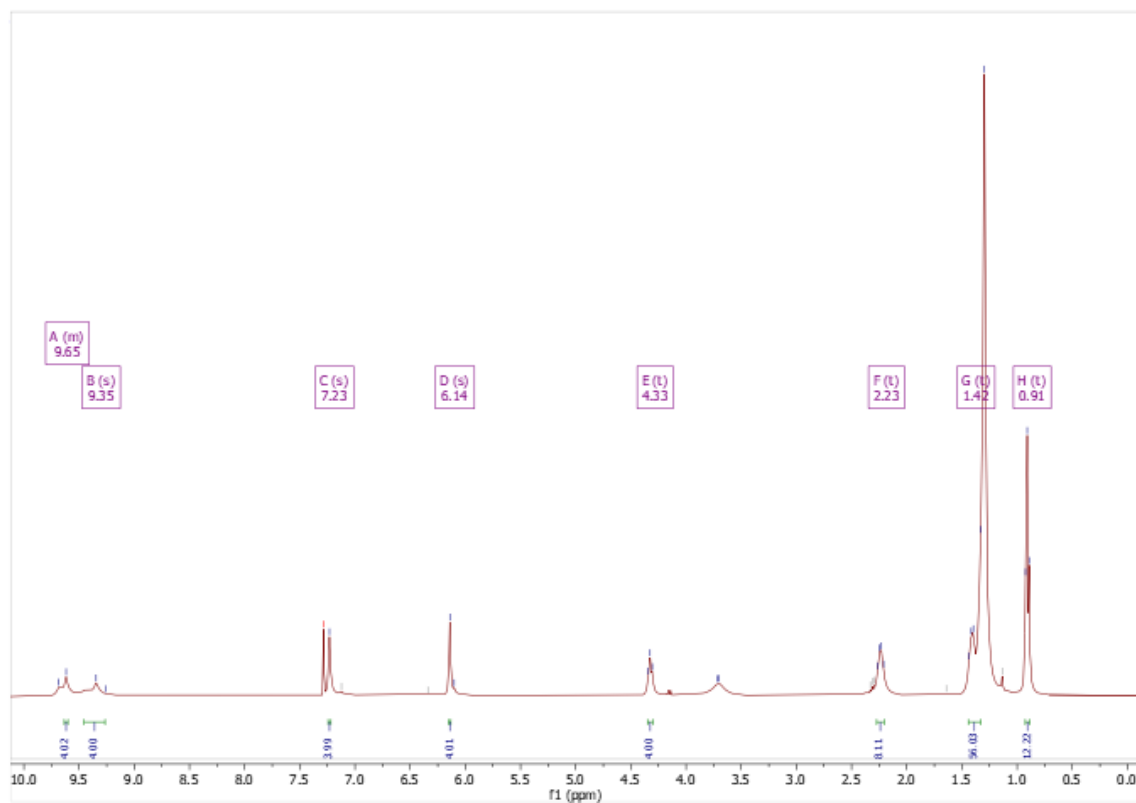


Figure S13. FT-IR spectrum of compound 4



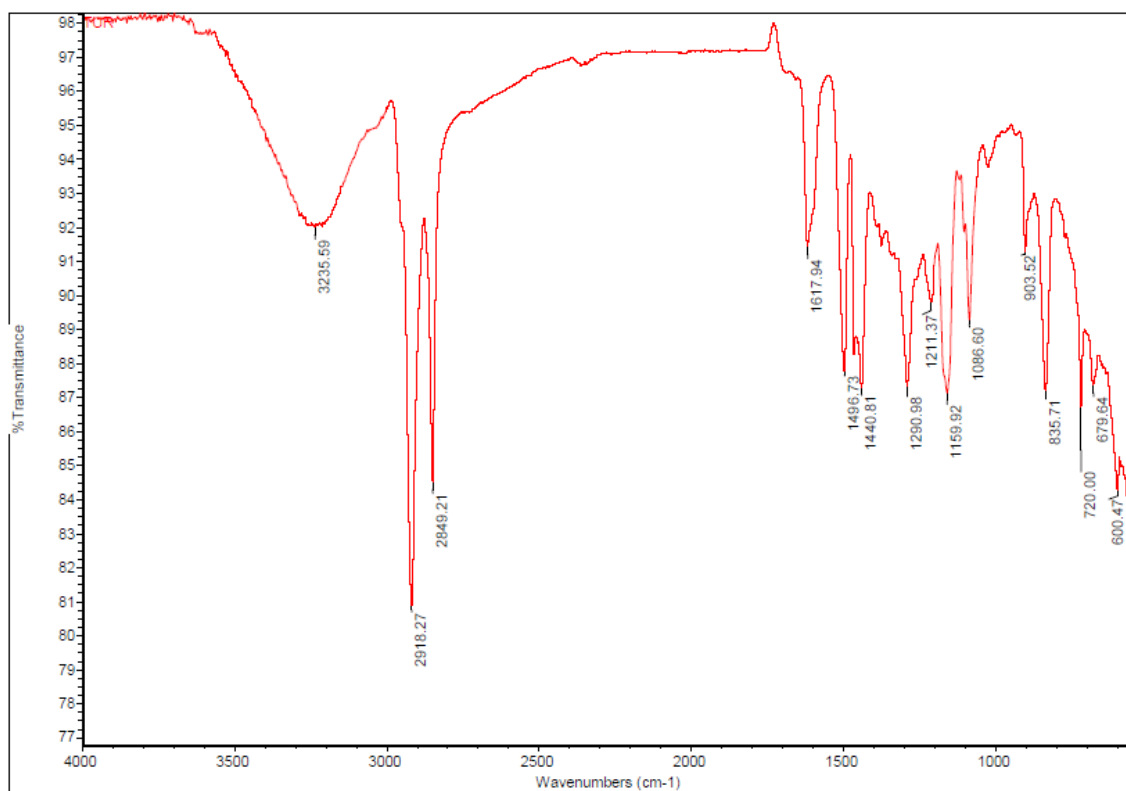


Figure S16. FT-IR spectrum of compound **5**

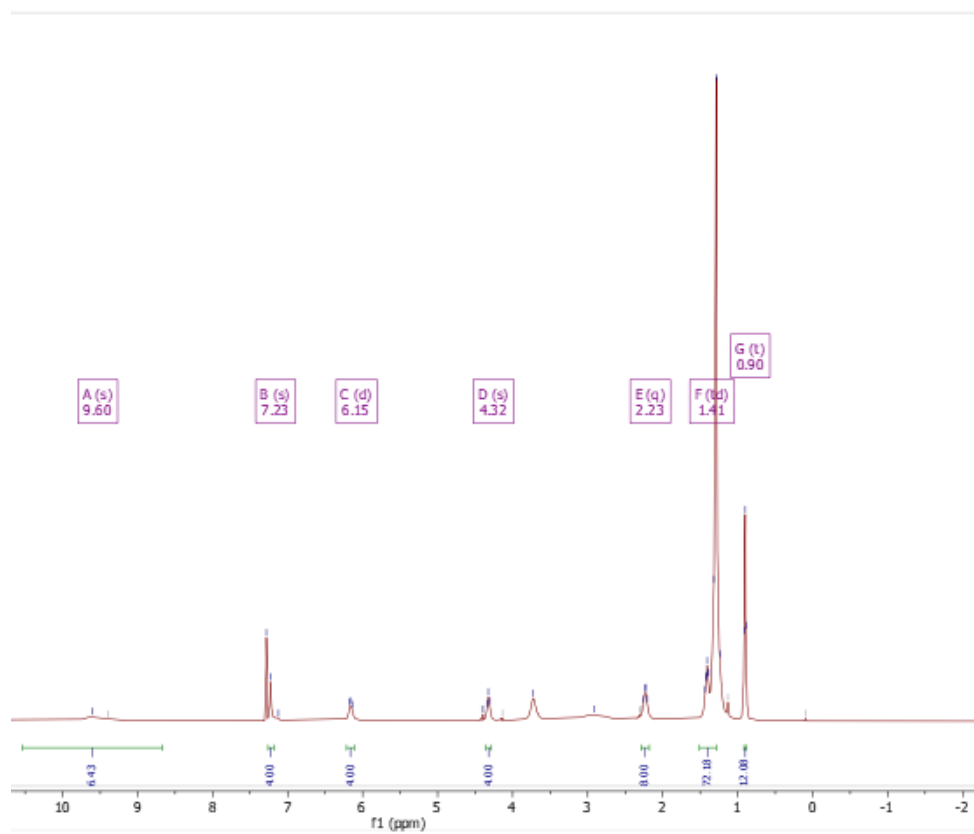


Figure S17. ¹H-NMR spectrum (400 MHz, CDCl₃-d₁, 293 K) of compound **5**

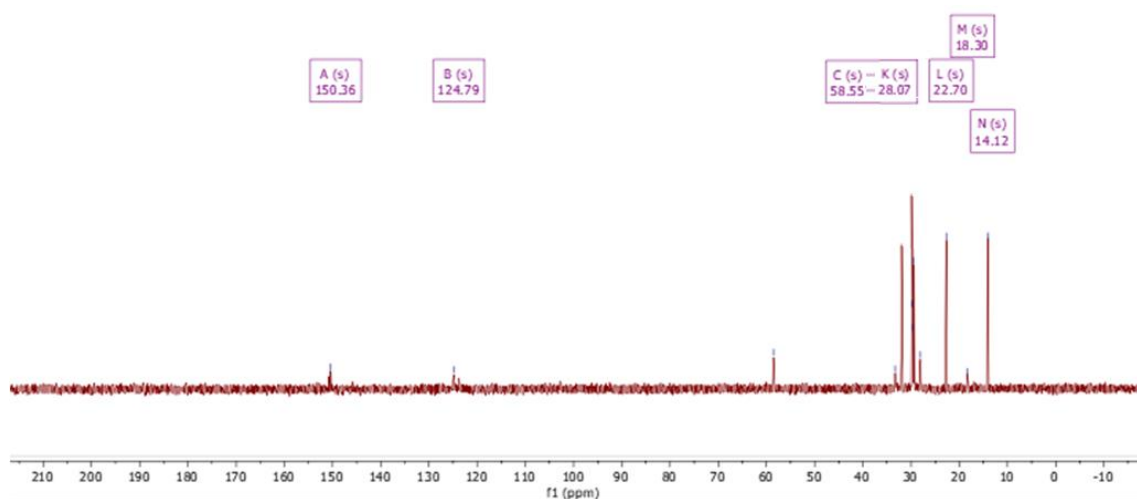


Figure S18. ^{13}C -NMR spectrum (400 MHz, $\text{CDCl}_3\text{-}d_1$, 293 K) of compound 5

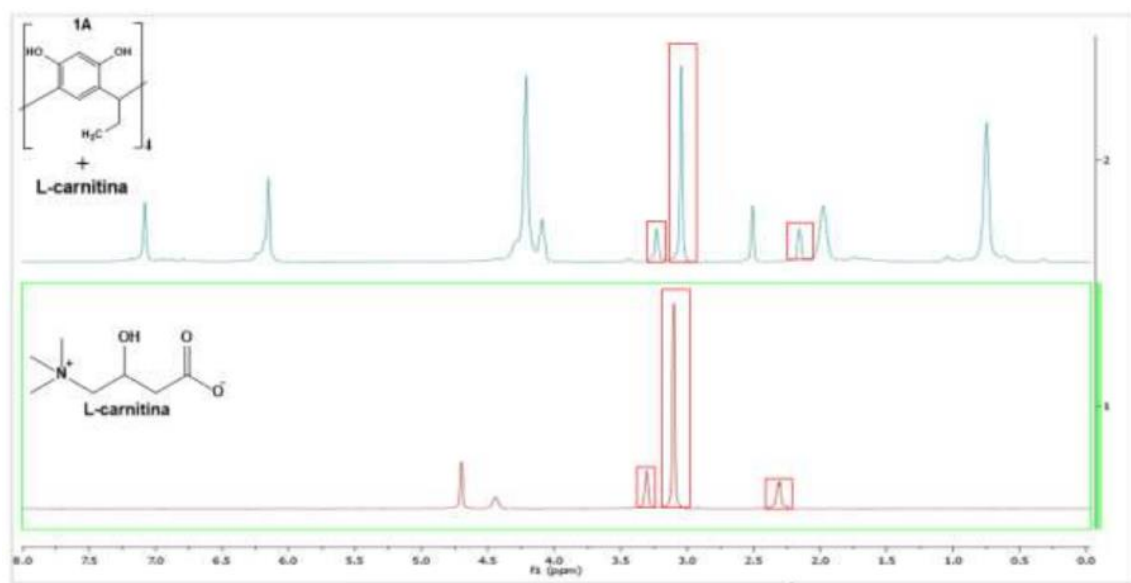


Figure S19. ^1H -NMR spectrum (400 MHz, $\text{DMSO-}d_6$, 293 K) of complex 1

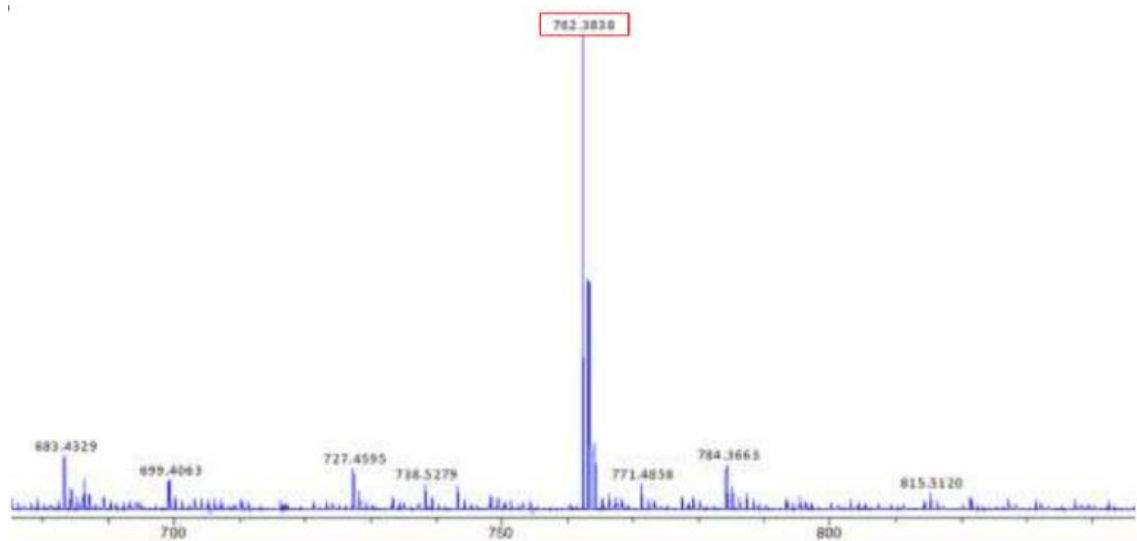


Figure S20. MS spectrum of complex 1

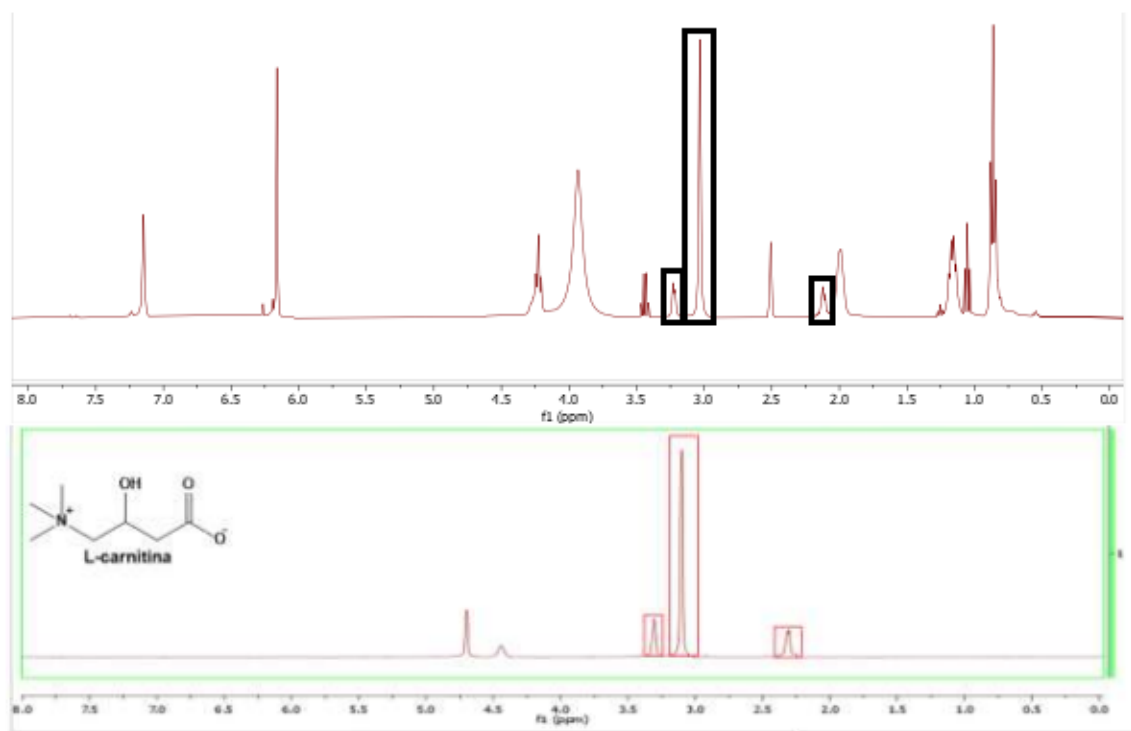


Figure S21. ^1H -NMR spectrum (400 MHz, $\text{DMSO}-d_6$, 293 K) of complex 2

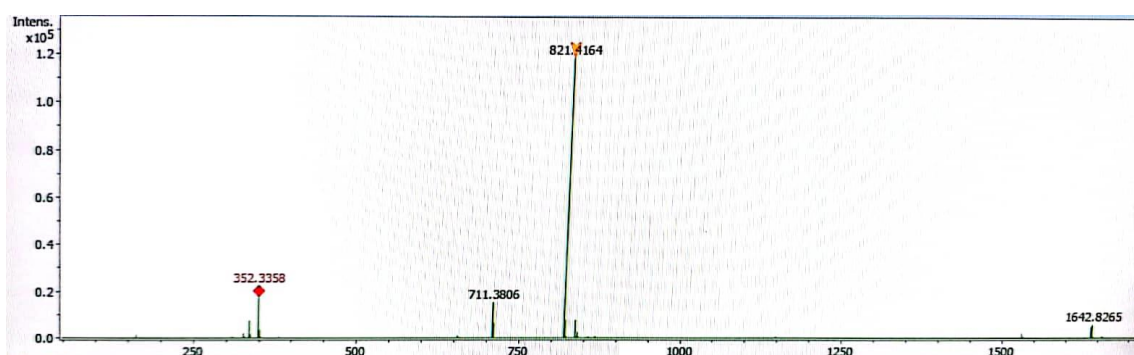


Figure S22. MS spectrum of complex 2

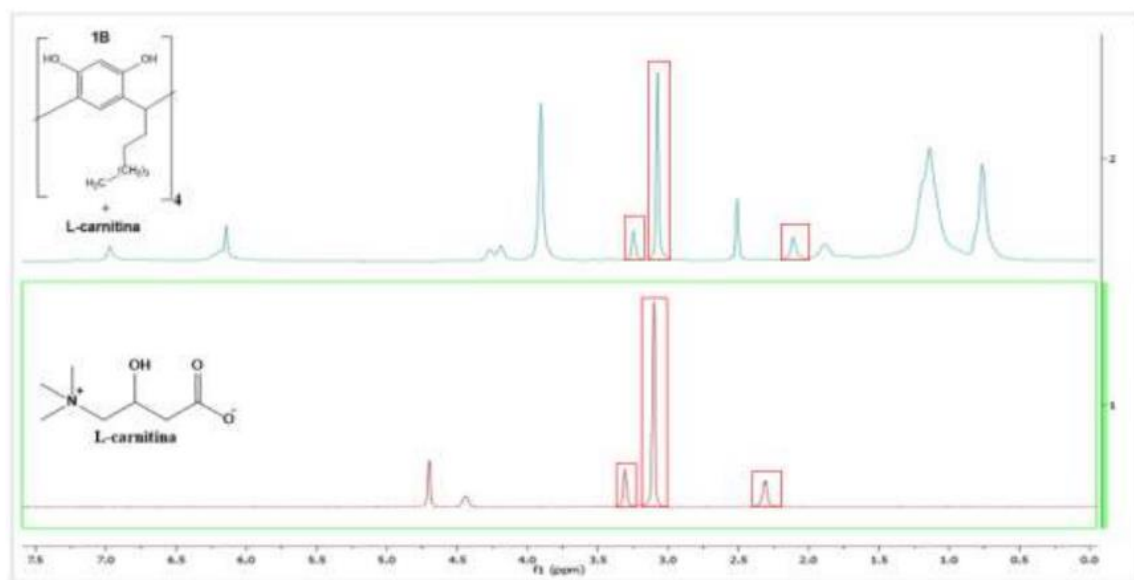


Figure S23. ^1H -NMR spectrum (400 MHz, $\text{DMSO}-d_6$, 293 K) of complex 3

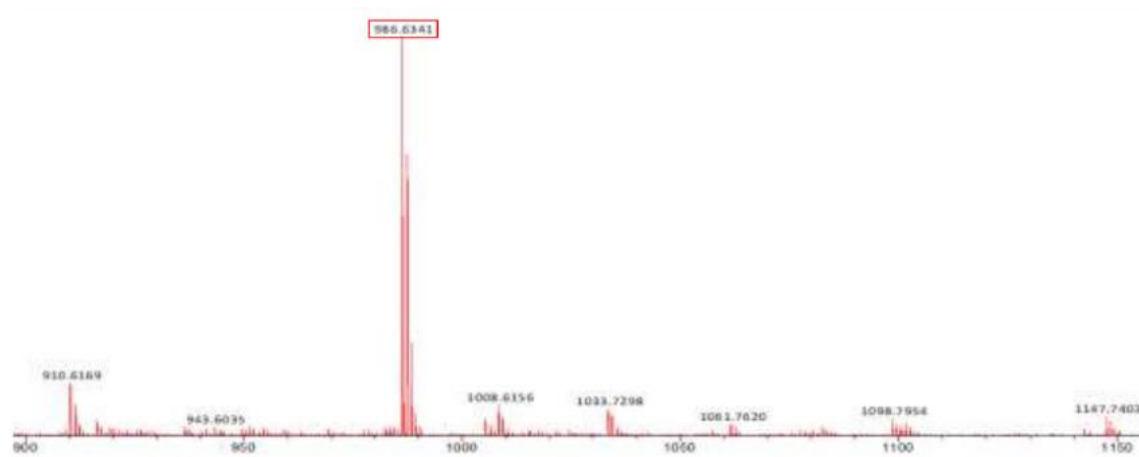


Figure S24. MS spectrum of complex **3**