Electronic Supplementary Material (ESI) for ChemComm.

Supplementary Information II

Ribosomal incorporation of cyclic β-amino acids into peptides using *in vitro* translation

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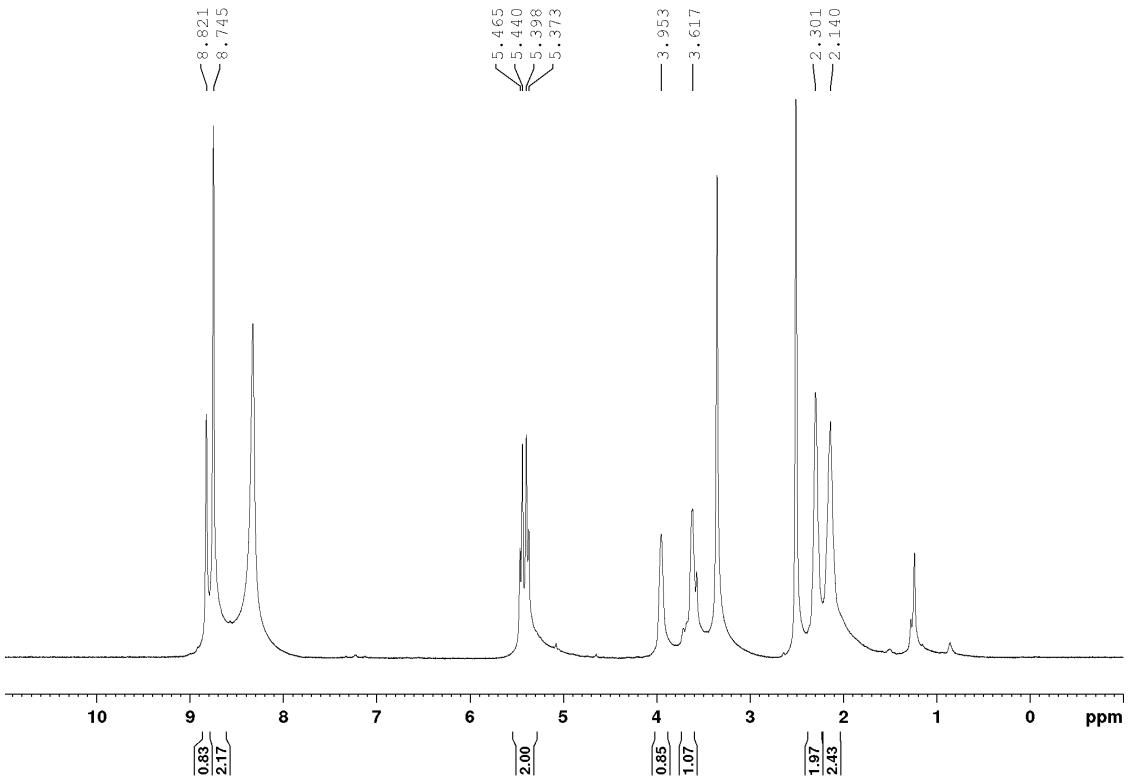

Figure 1. ^{1}H N MR (500 MHz, DMSO-d_6) of **1a.**

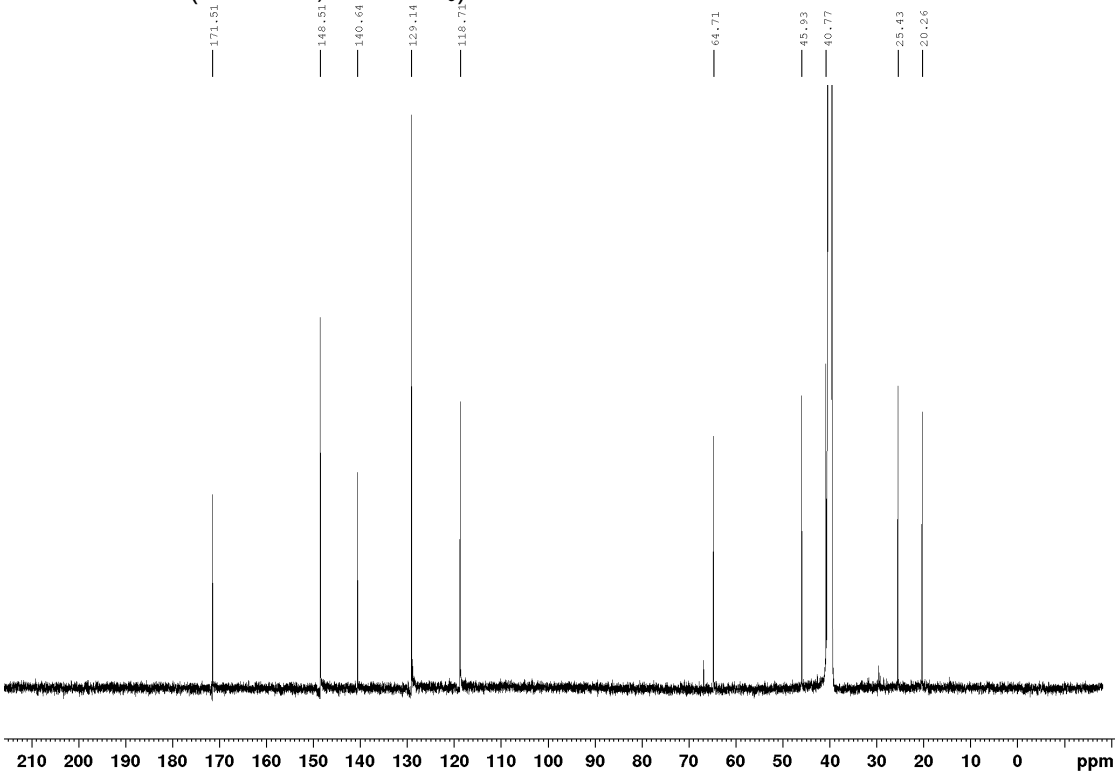

Figure 2. ^{13}C NMR (125 MHz, DMSO-d_6) of **1a.**

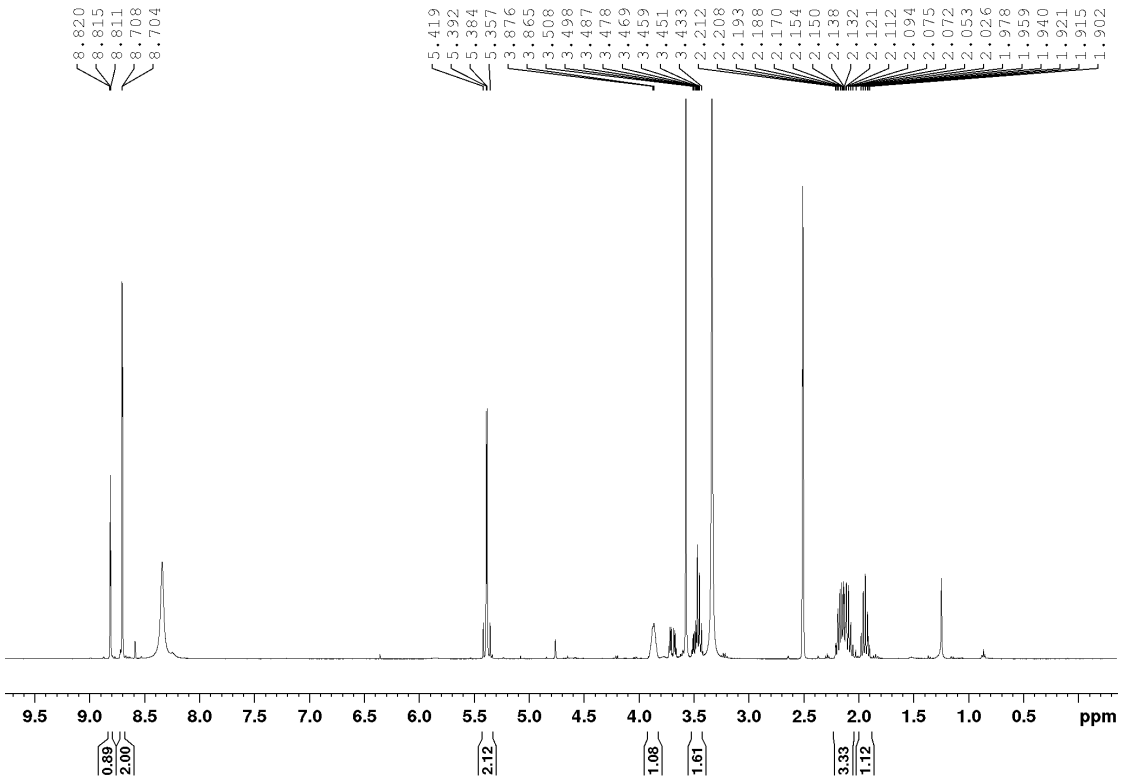

Figure 3. ^{1}H NMR (500 MHz, DMSO-d_6) of **1b**.

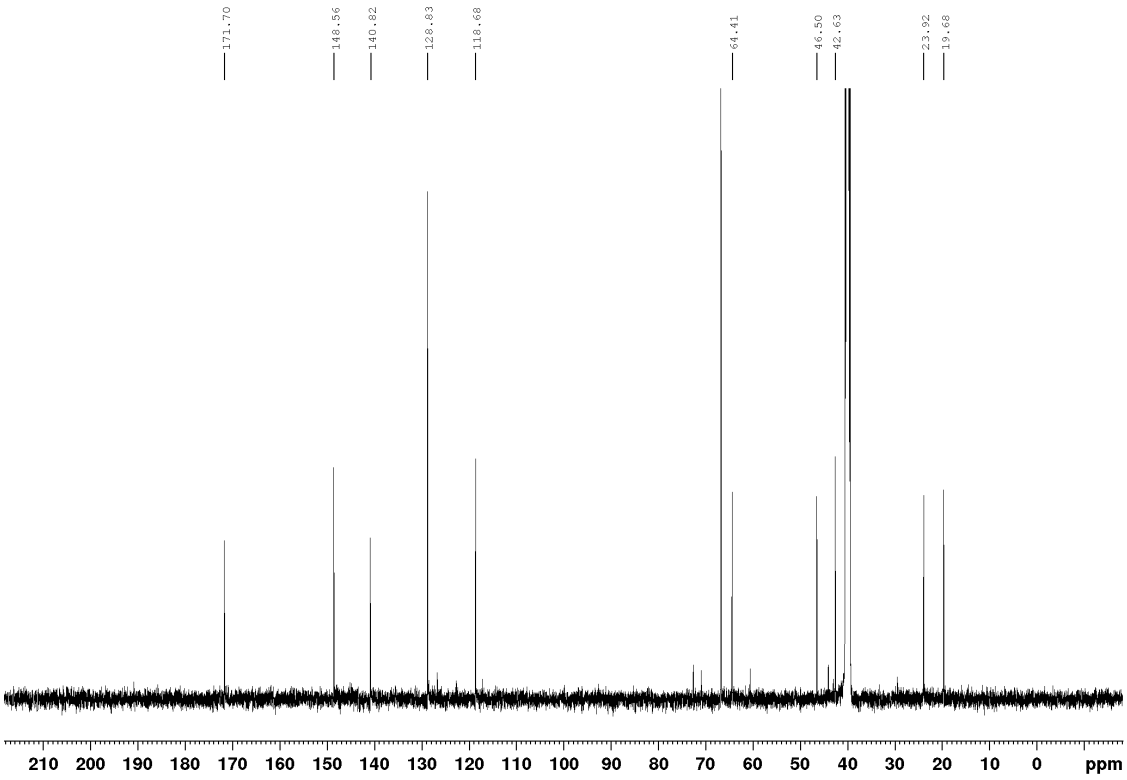

Figure 4. ^{13}C NMR (125 MHz, DMSO-d6) of **1b**.

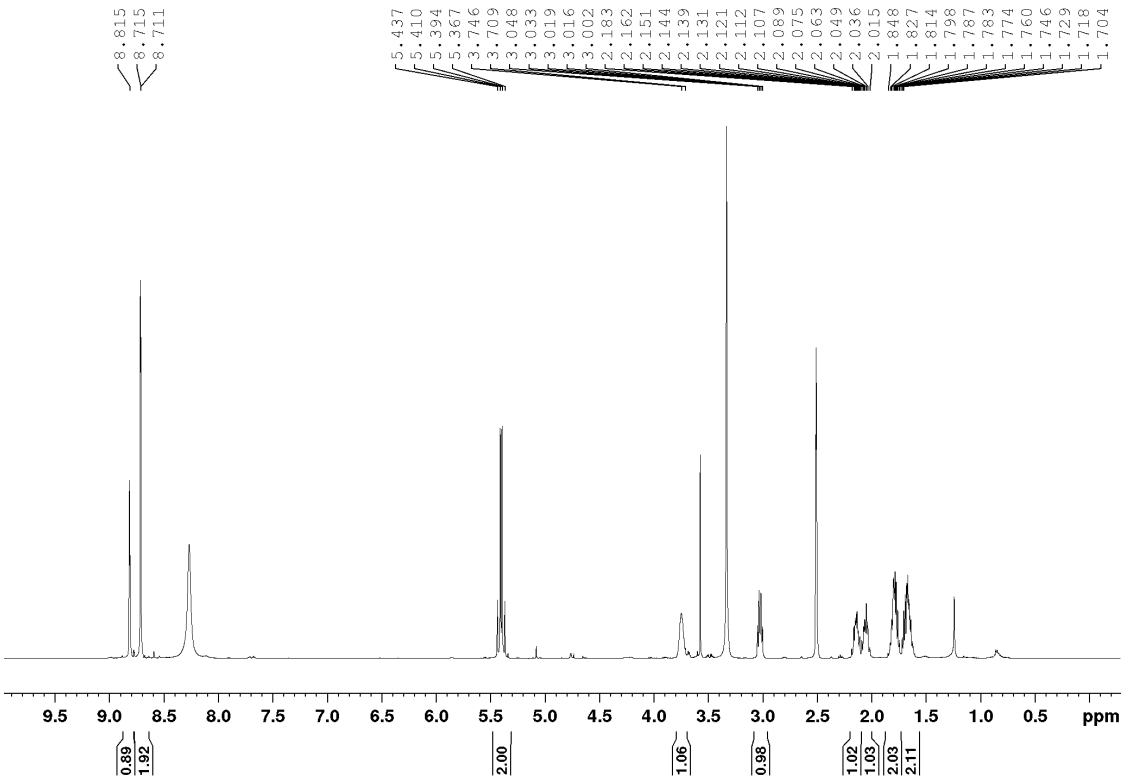

Figure 5. ^{1}H NMR (500 MHz, DMSO-d_6) of **2a**.

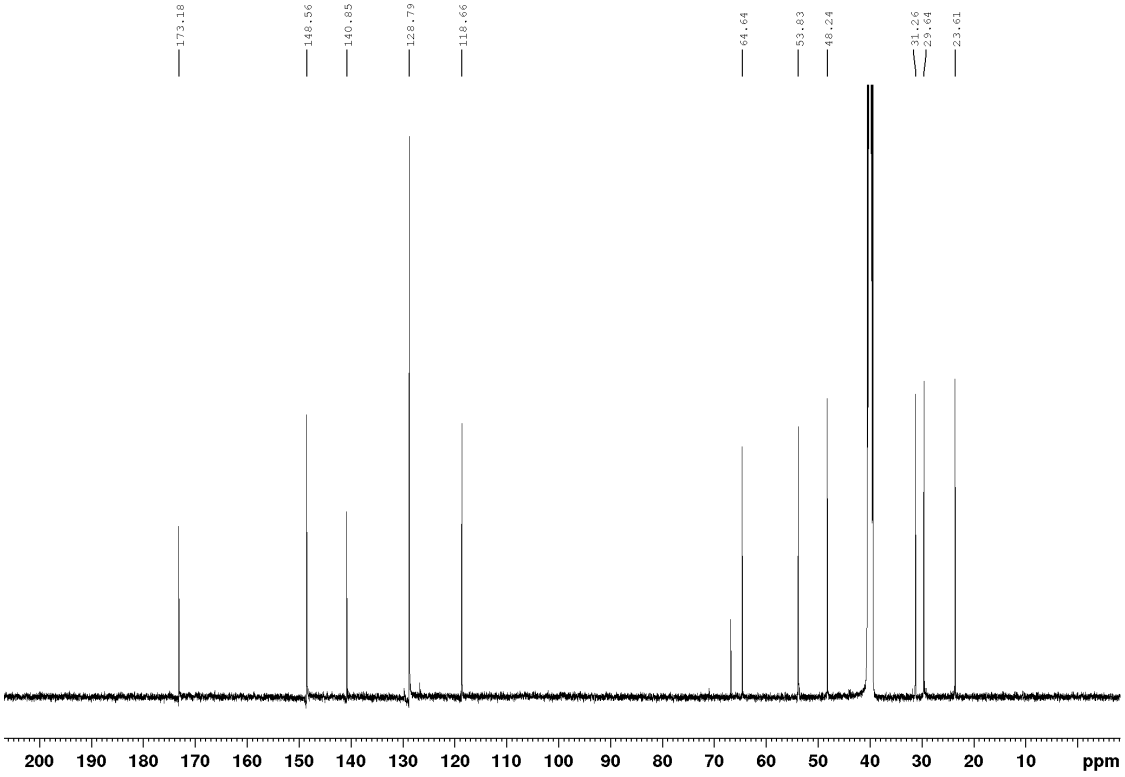

Figure 6. ^{13}C NMR (125 MHz, DMSO-d_6) of **2a**.

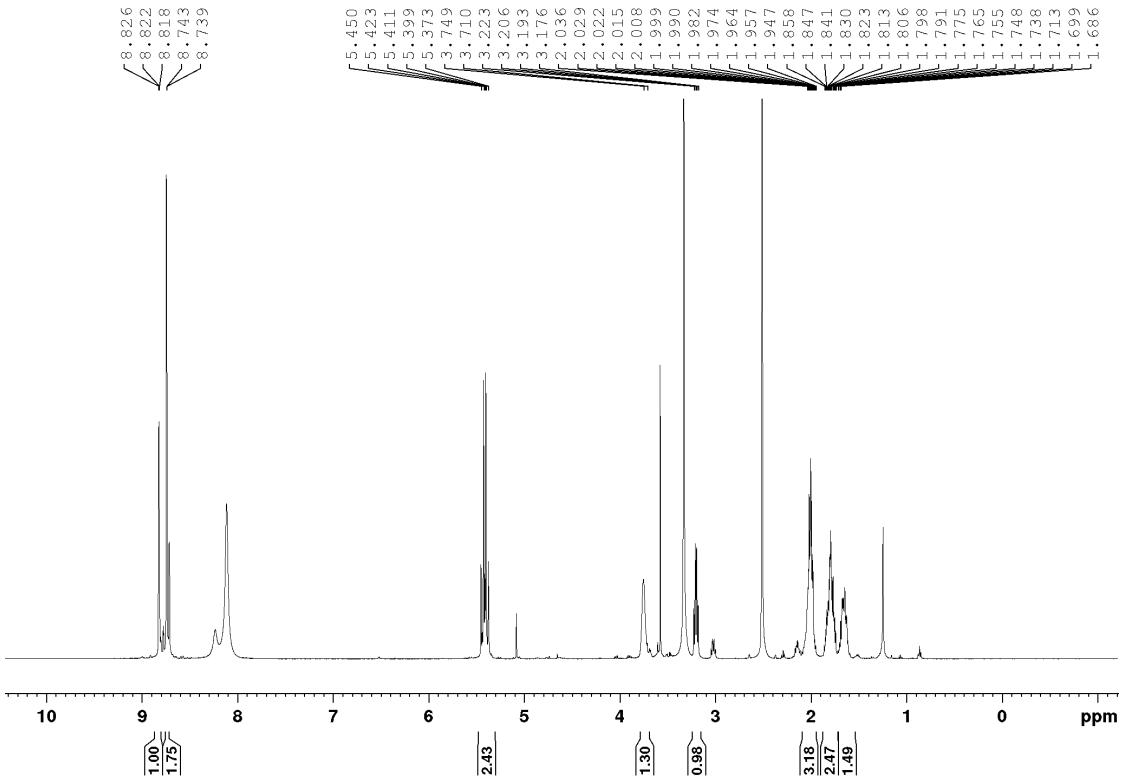

Figure 7. ^{1}H NMR (500 MHz, DMSO-d_6) of **2b**.

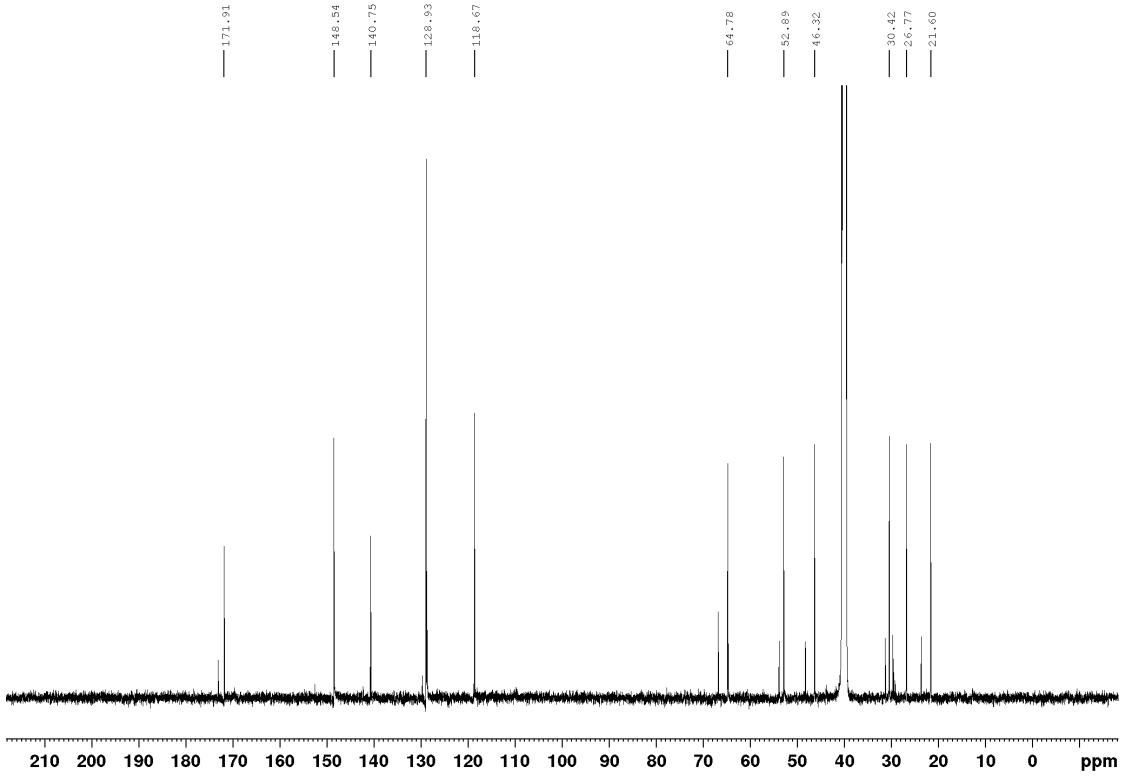

Figure 8. ^{13}C NMR (125 MHz, DMSO-d_6) of **2b**.

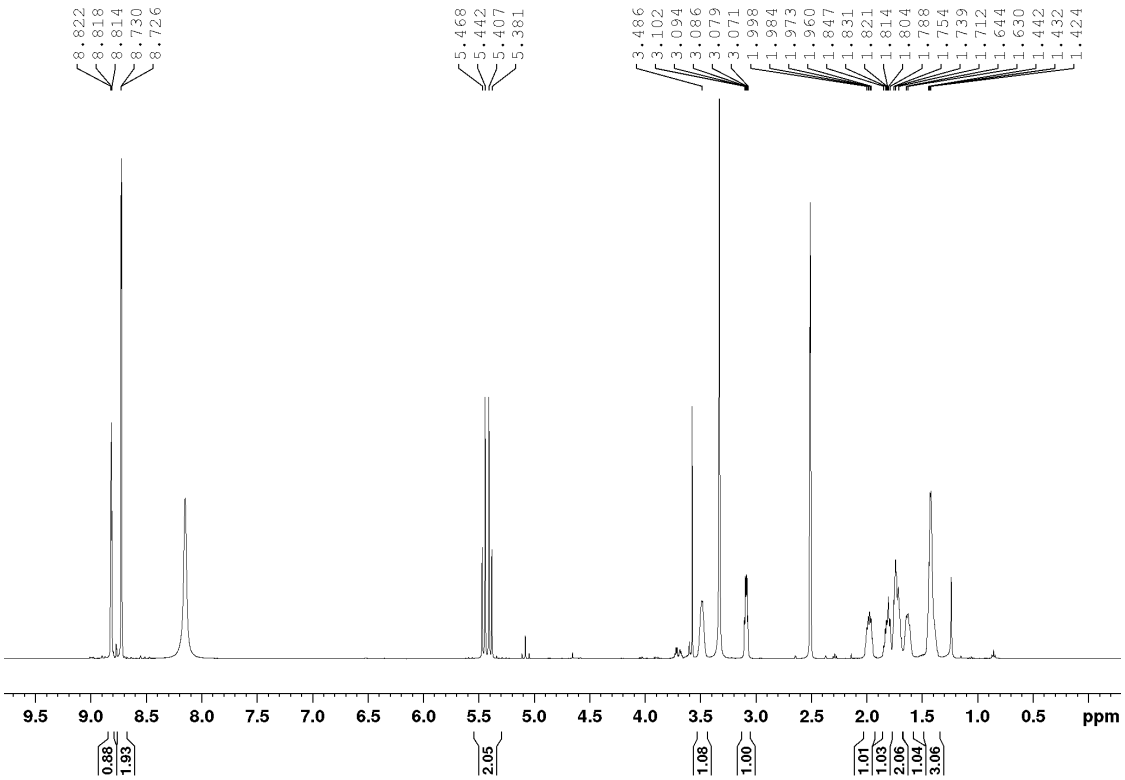

Figure 9. ^{1}H NMR (500 MHz, DMSO-d_6) of **2c**.

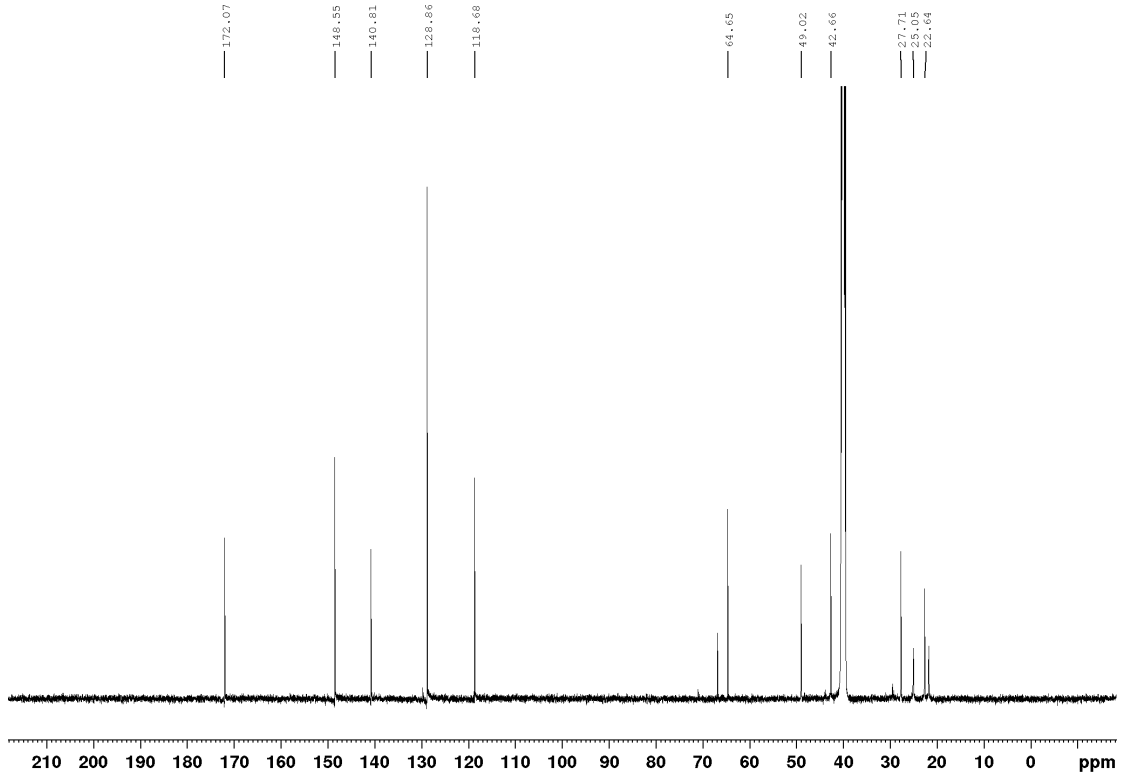

Figure 10. ^{13}C NMR (125 MHz, DMSO-d_6) of **2c**.

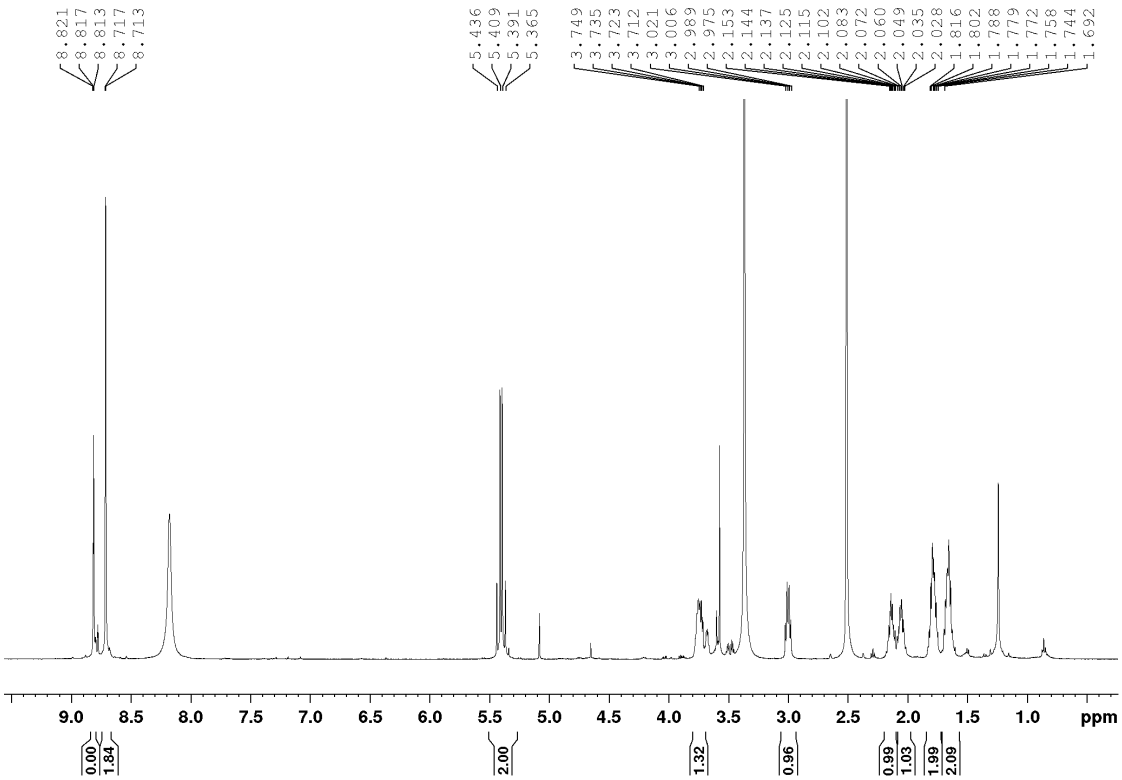

Figure 11. ^{1}H NMR (500 MHz, DMSO-d_6) of **2d**.

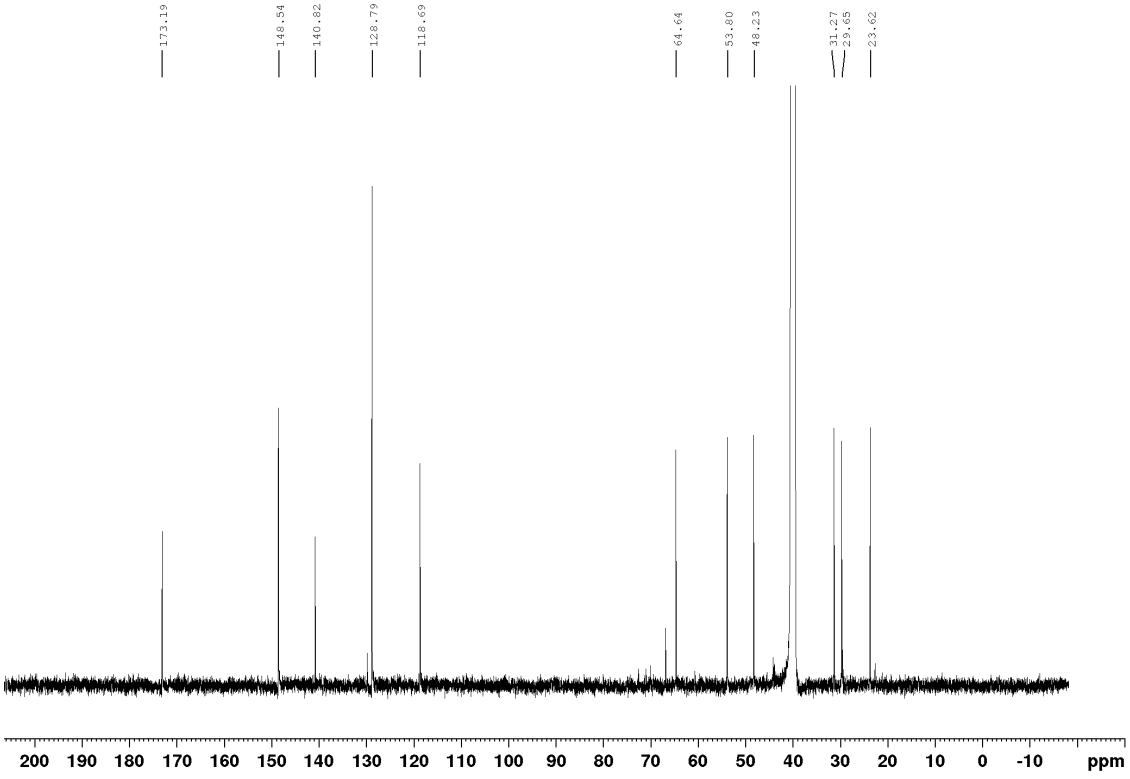

Figure 12. ^{13}C NMR (125 MHz, DMSO-d_6) of **2d**.

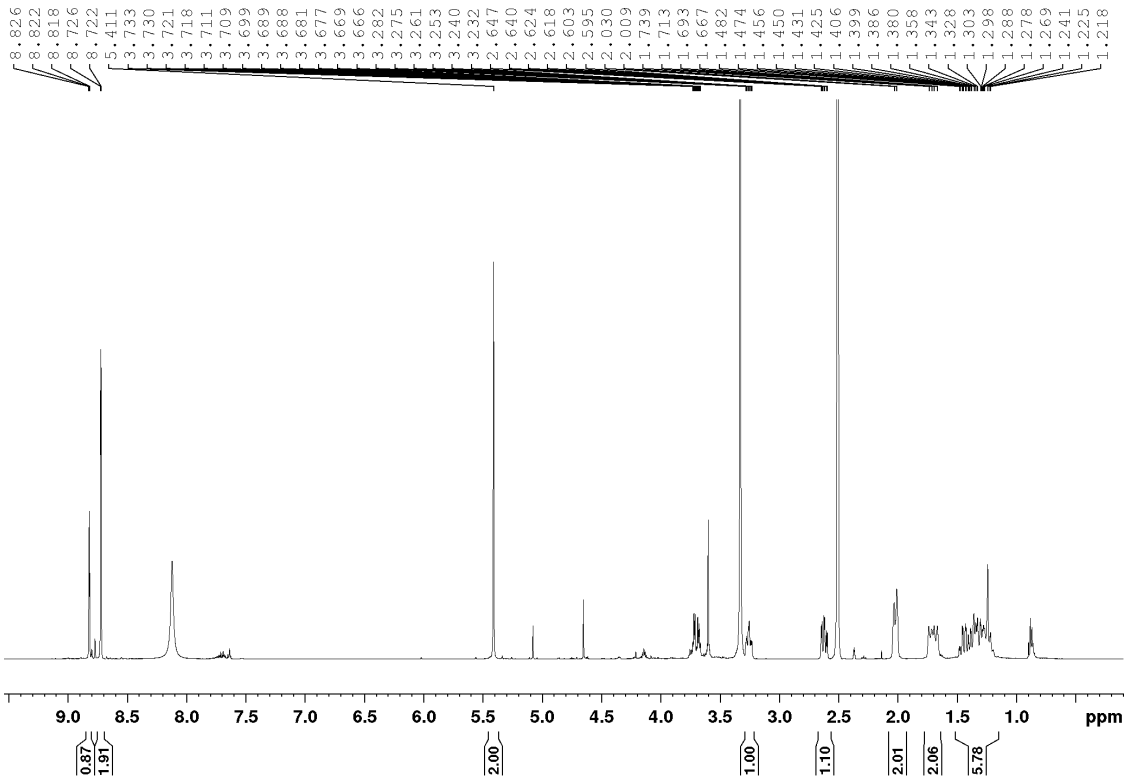

Figure 13. ^{1}H NMR (500 MHz, DMSO-d_6) of **3a**.

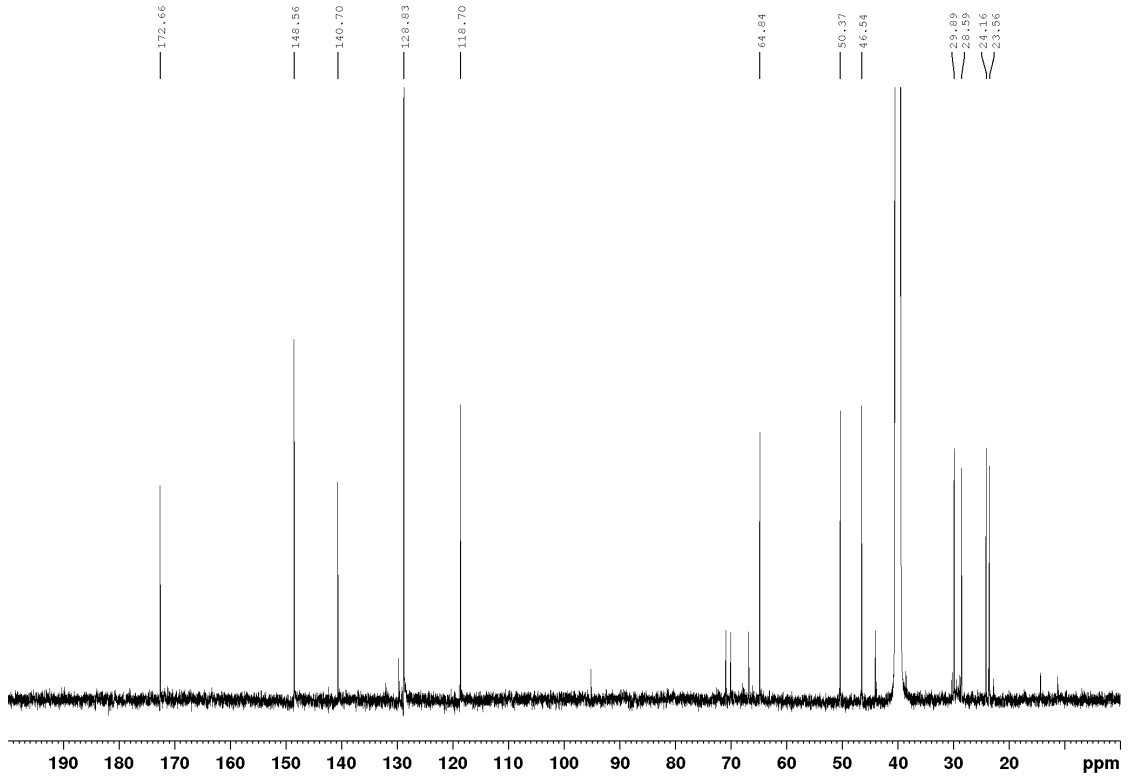

Figure 14. ^{13}C NMR (125 MHz, DMSO-d_6) of **3a**.

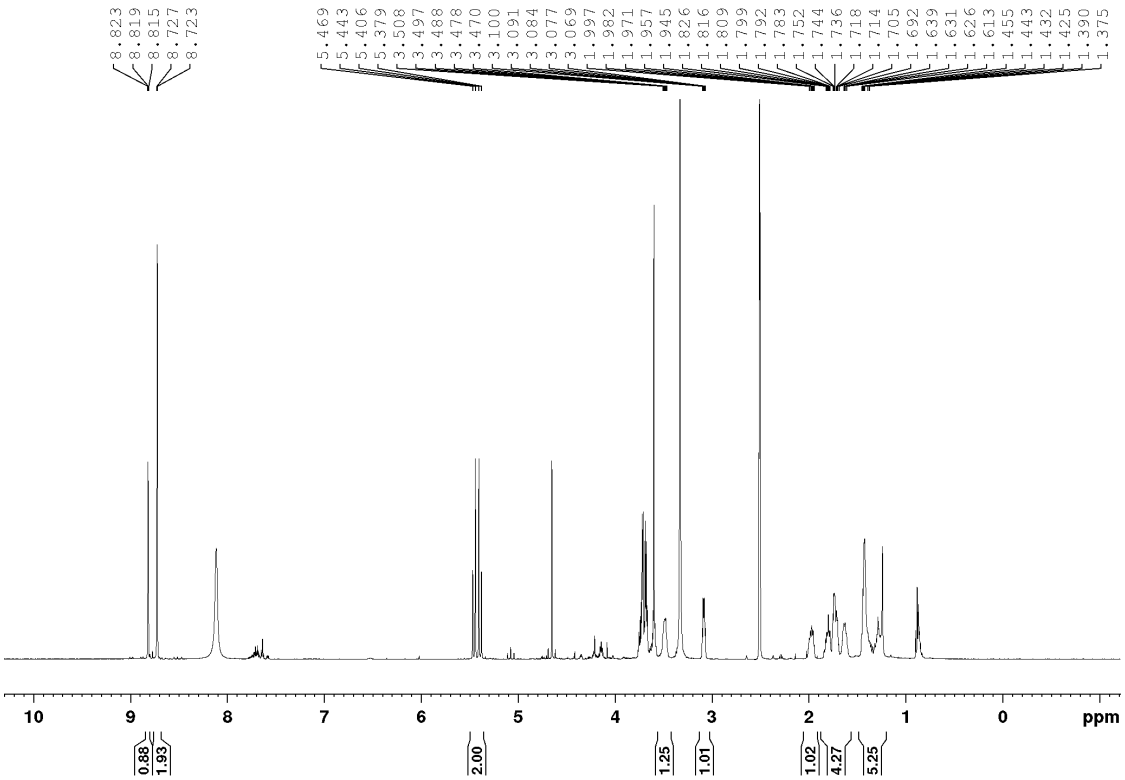

Figure 15. ^{1}H NMR (500 MHz, DMSO-*d6*) of **3b**.

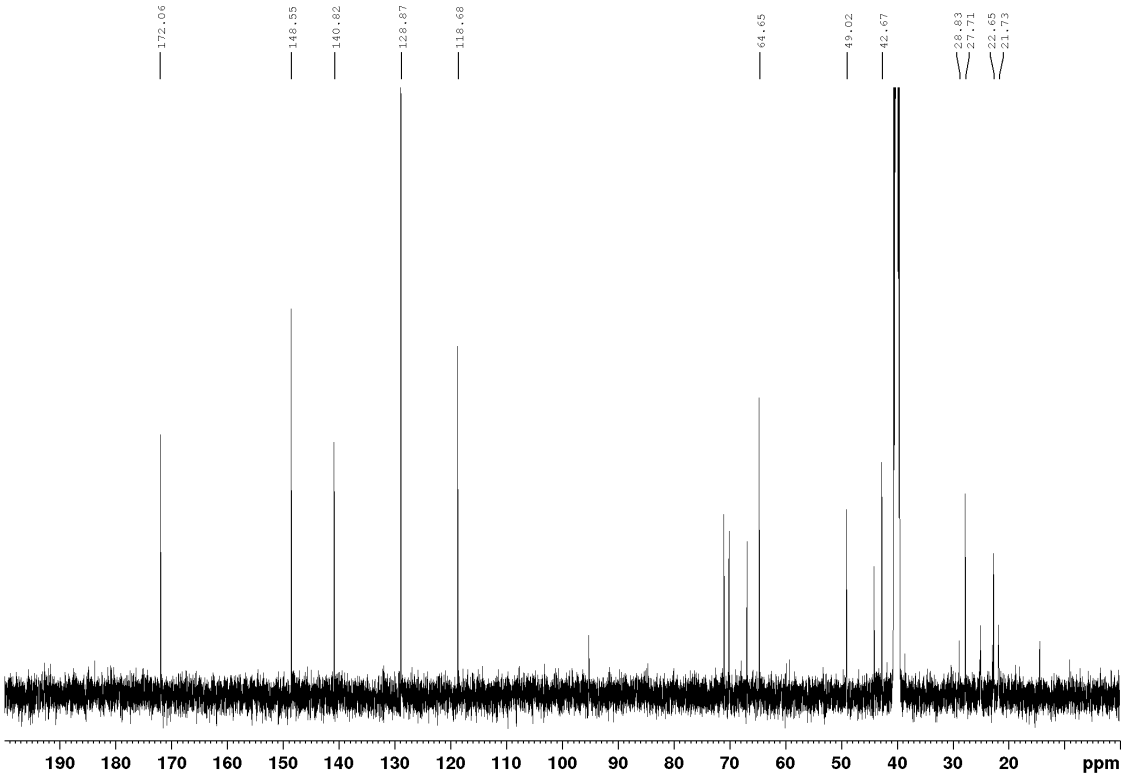

Figure 16. ^{13}C NMR (125 MHz, DMSO-d_6) of **3b**.

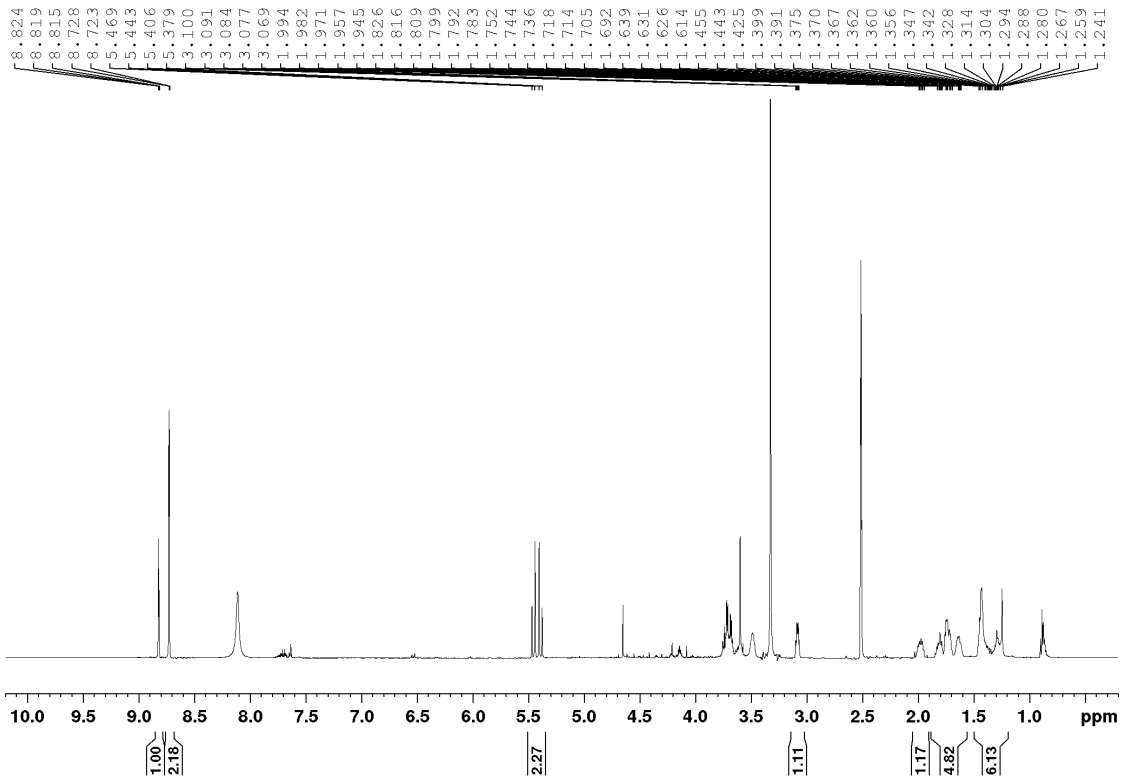

Figure 17. ^{1}H NMR (500 MHz, DMSO-d_6) of **3c**.

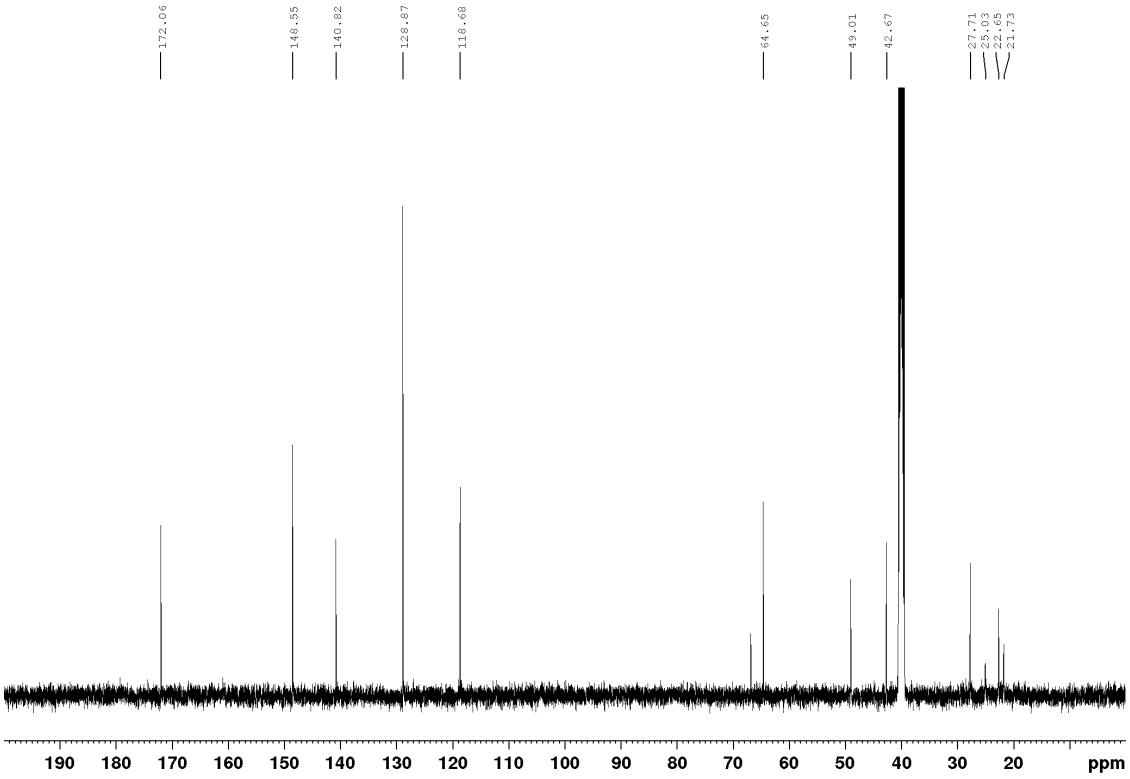

Figure 18. ^{13}C NMR (125 MHz, DMSO-d_6) of **3c**.

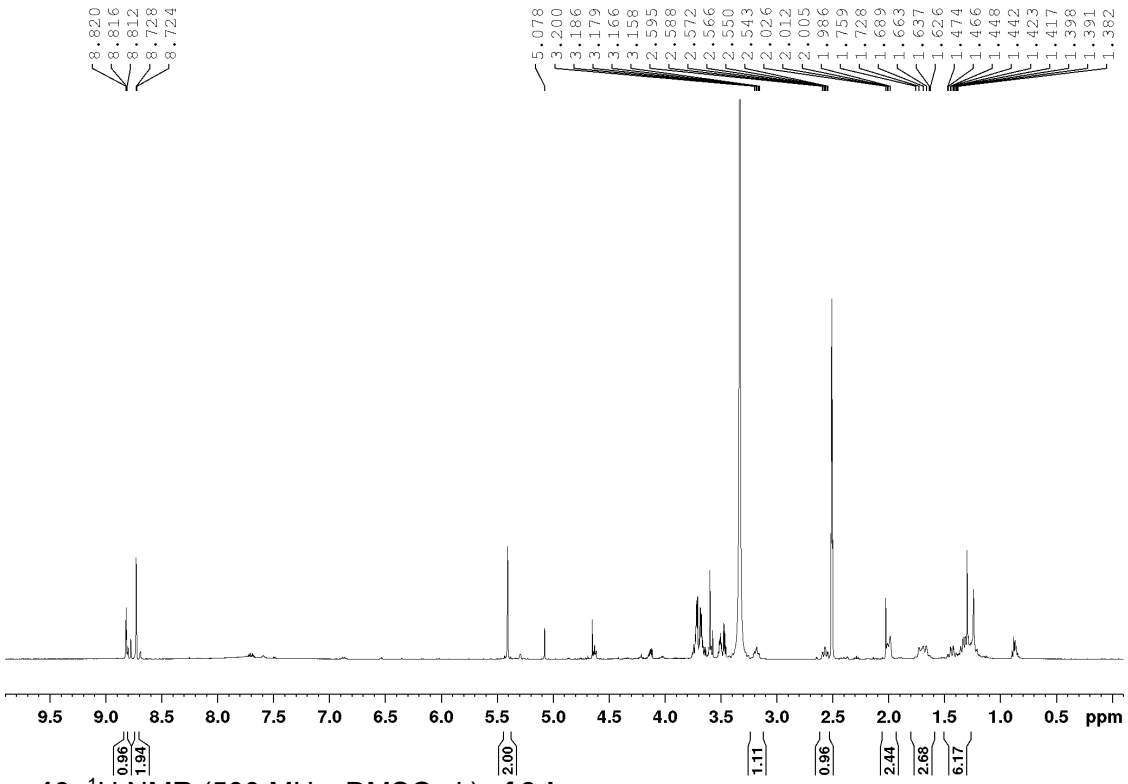

Figure 19. ^{1}H NMR (500 MHz, DMSO-d_6) of **3d**.

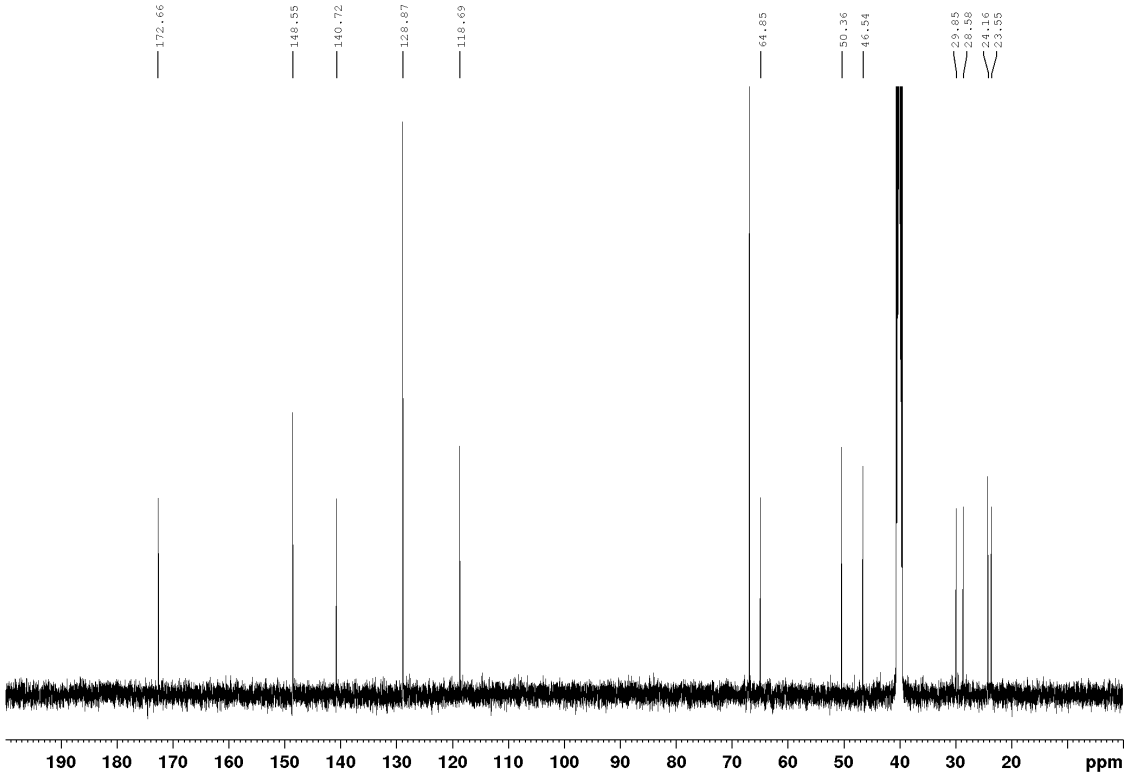

Figure 20. ^{13}C NMR (125 MHz, DMSO-d_6) of **3d**.

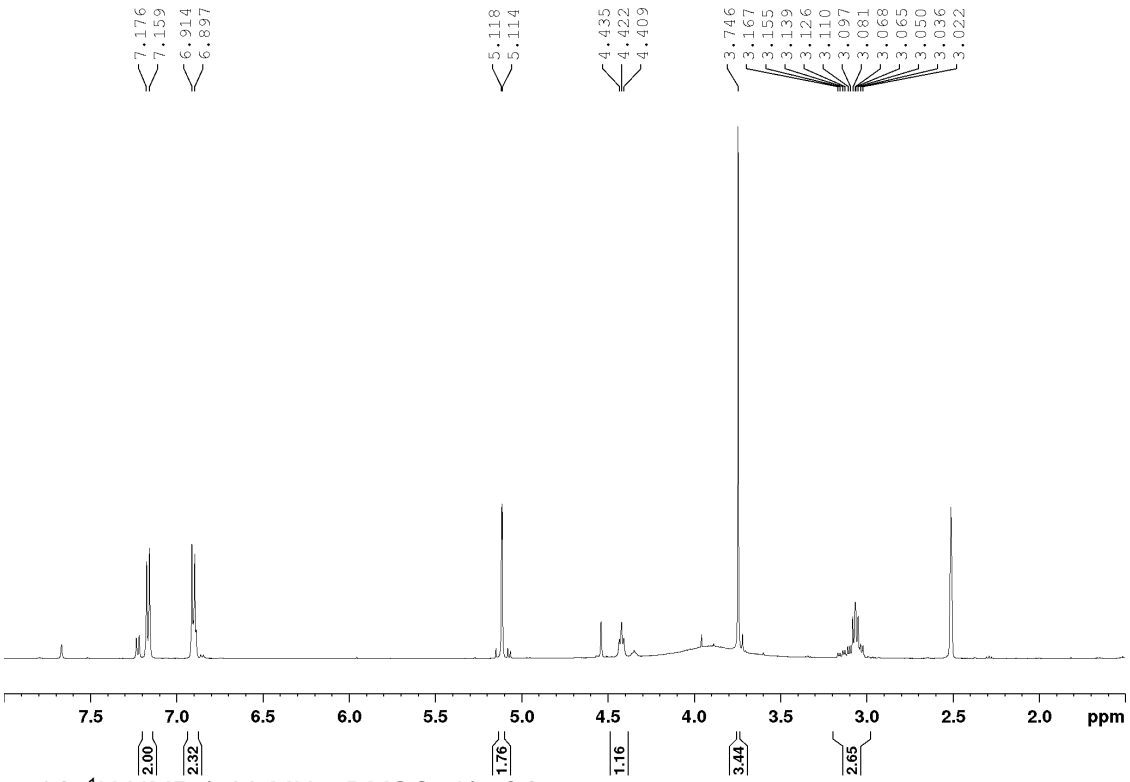

Figure 21. ^{1}H NMR (500 MHz, DMSO-d_6) of **4**.

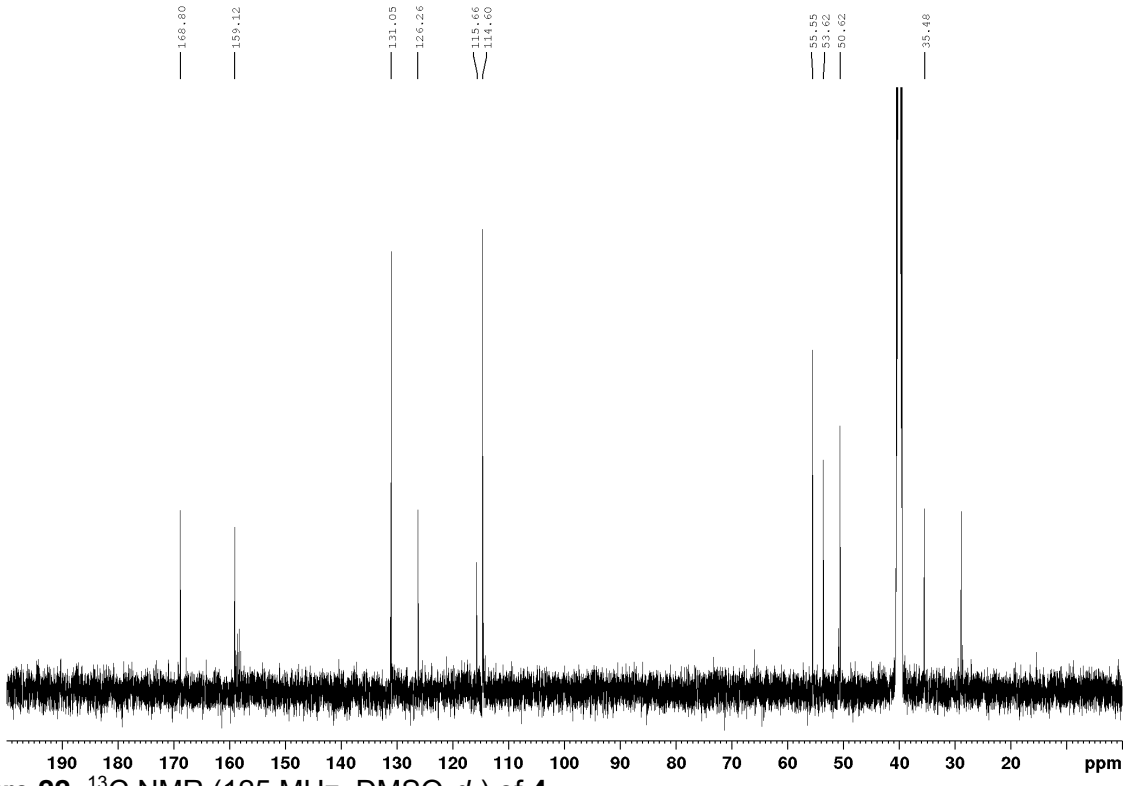

Figure 22. ^{13}C NMR (125 MHz, DMSO-d_6) of **4**.

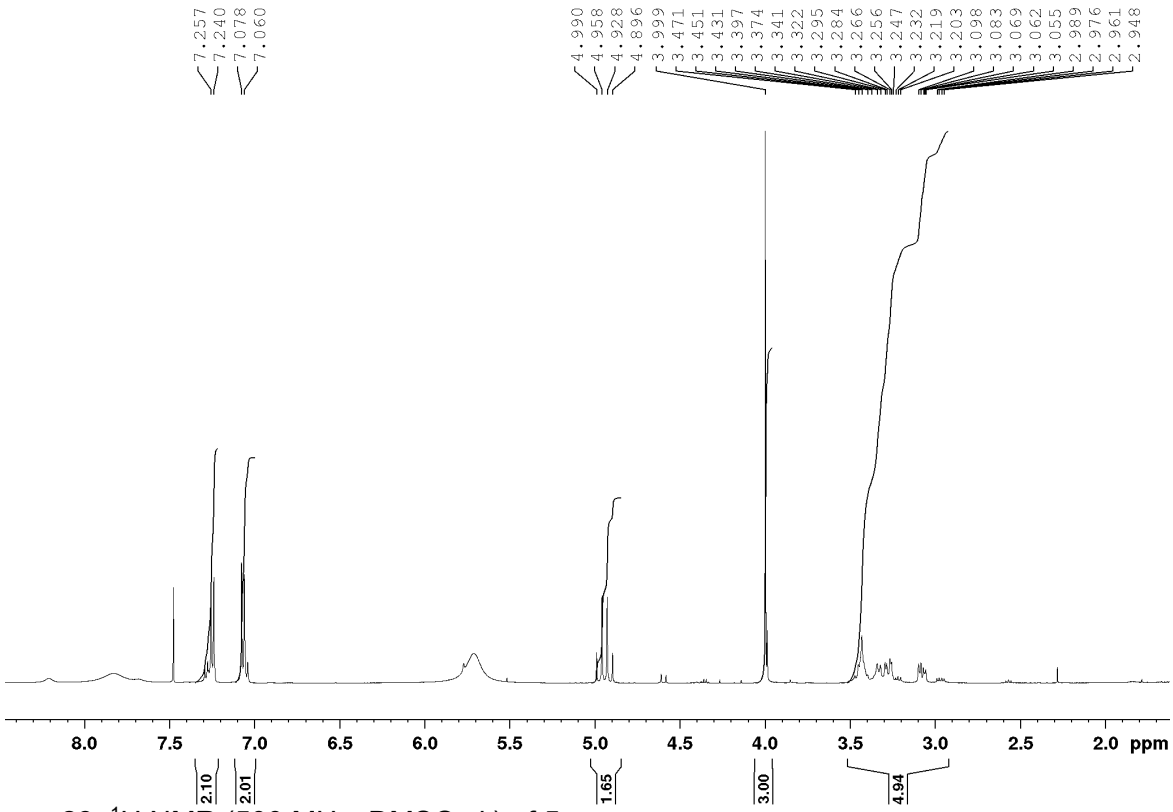

Figure 23. ^{1}H NMR (500 MHz, DMSO-d_6) of **5**.

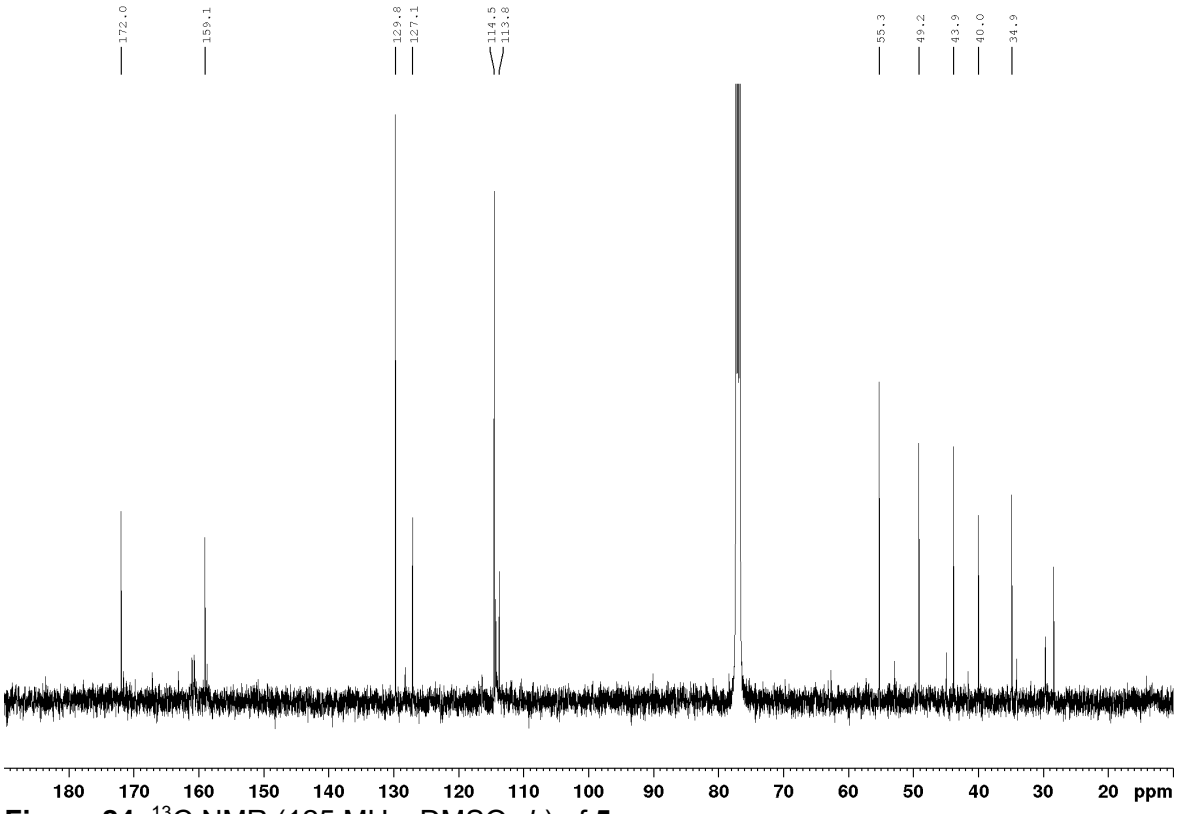

Figure 24. ^{13}C NMR (125 MHz, DMSO-d_6) of **5**.