

Supplementary Material

Synthesis and biological evaluation of new indole and pyrrole carboxamides based on amino acids

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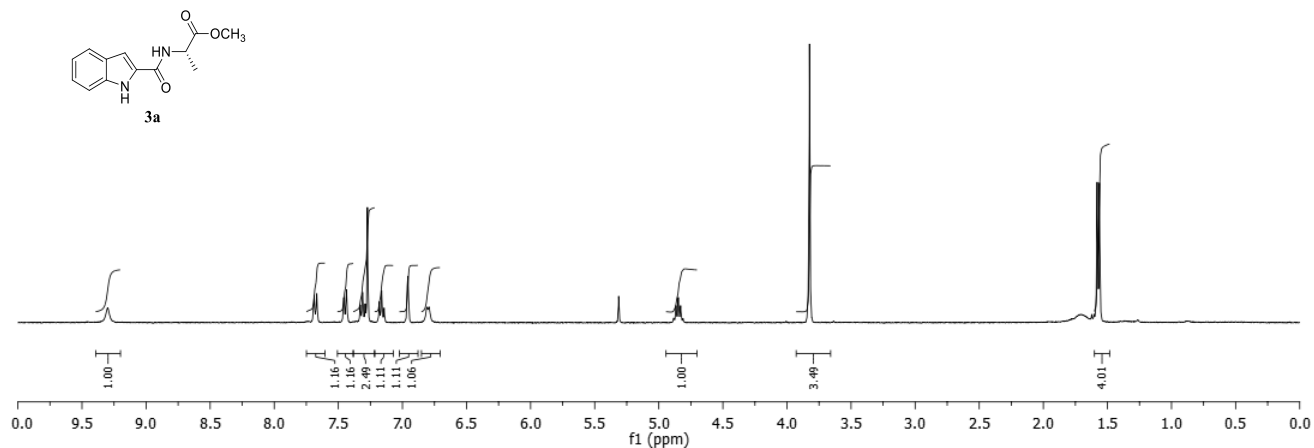
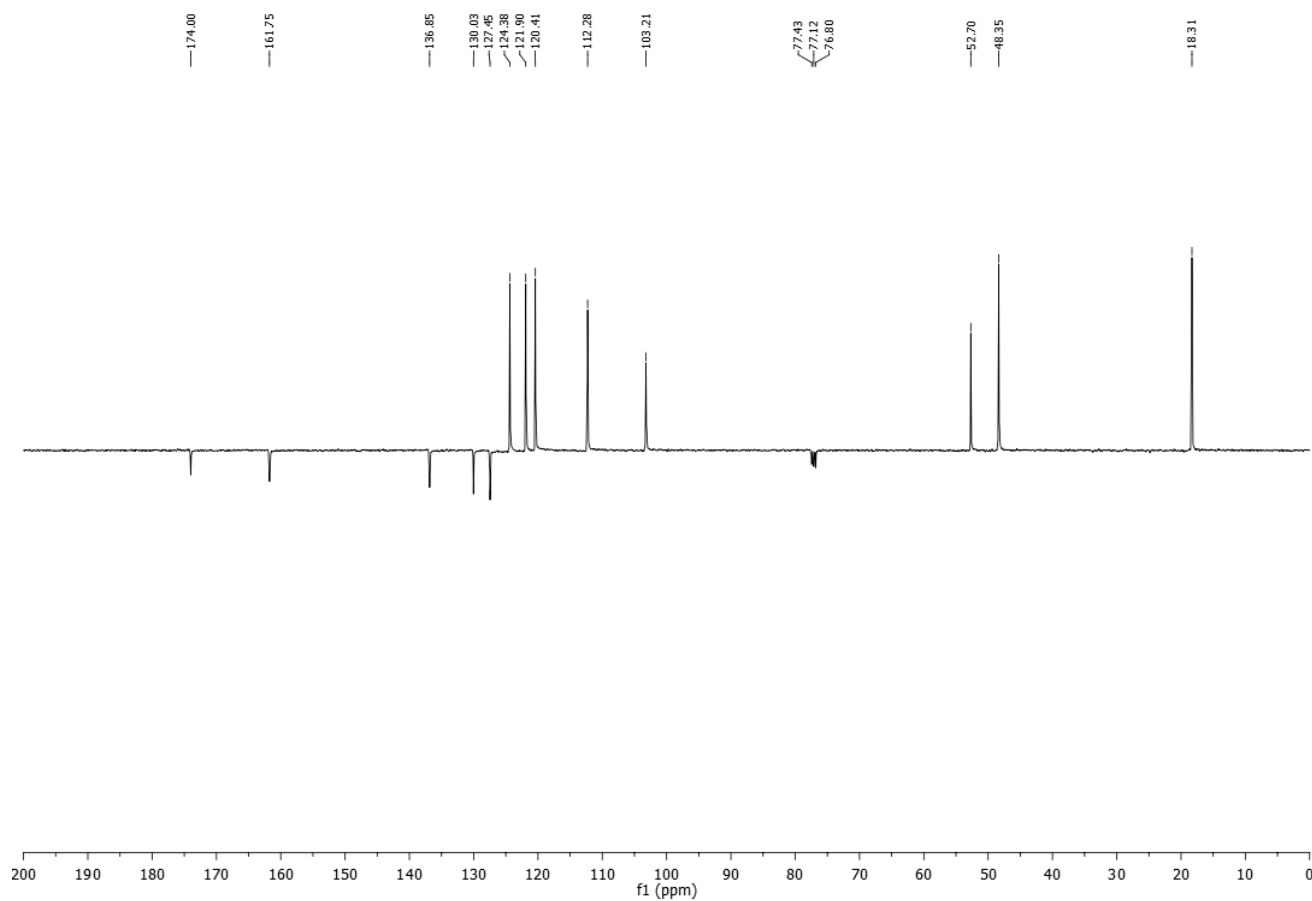
Figure 1: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3a**)**Figure 2:** ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3a**)

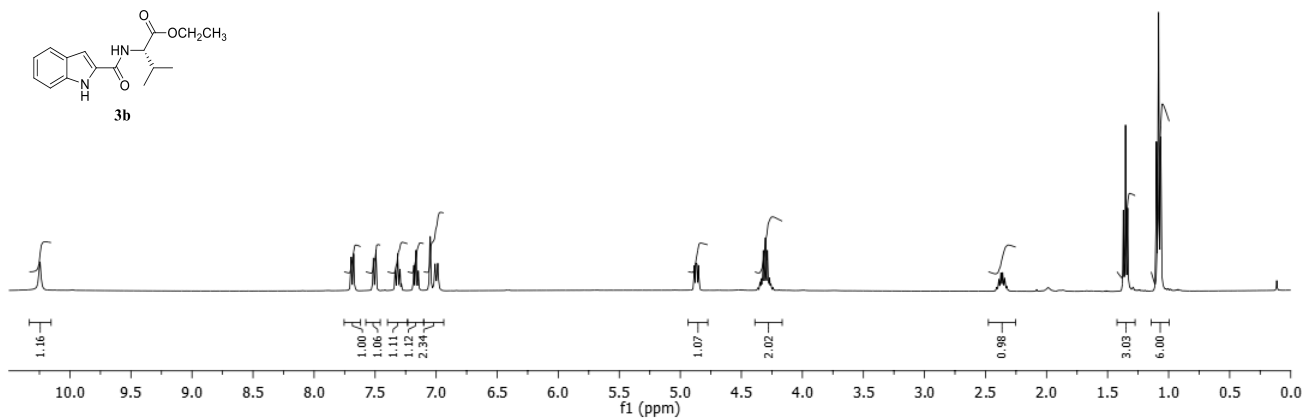
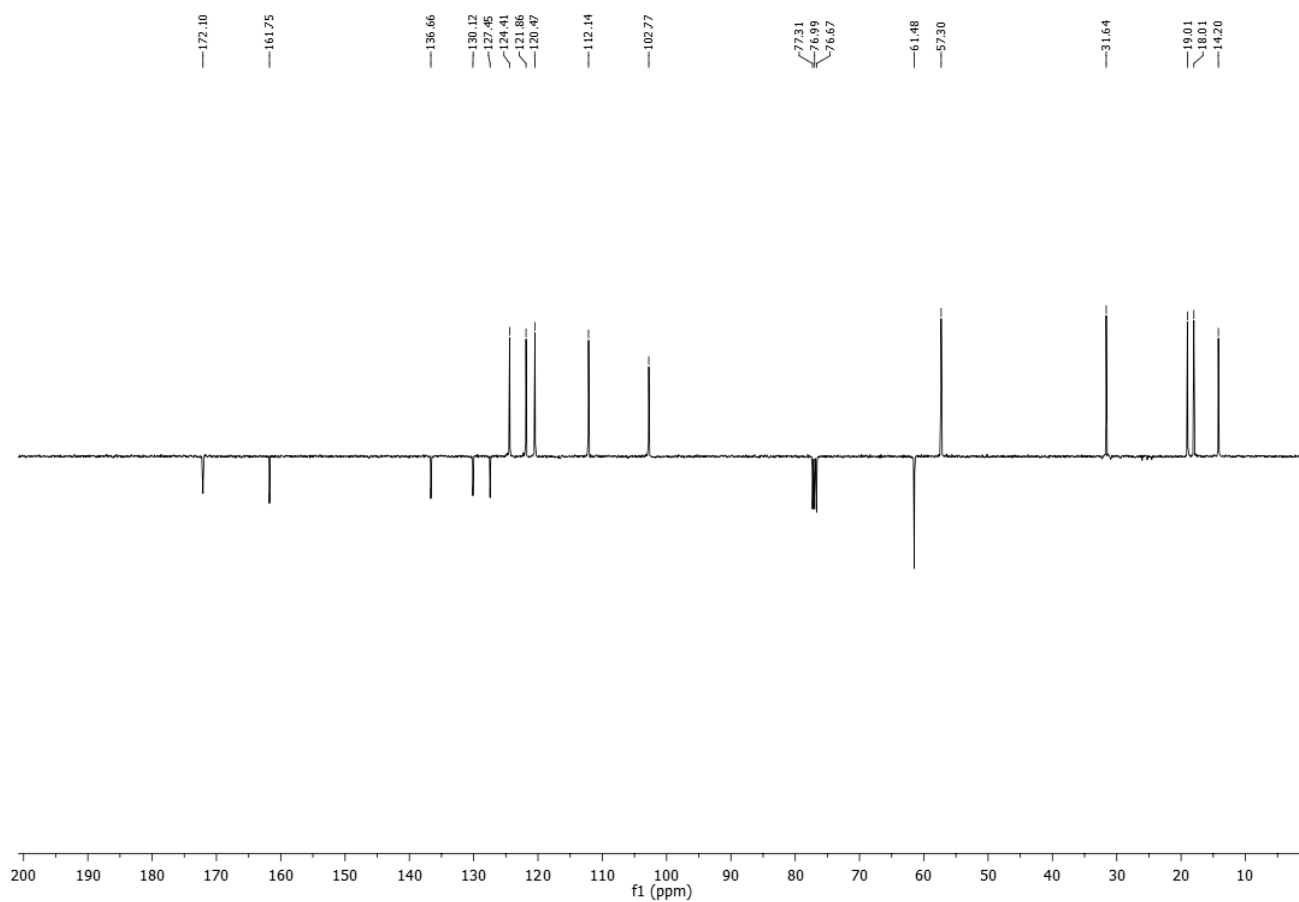
Figure 3: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3b**)**Figure 4:** ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3b**)

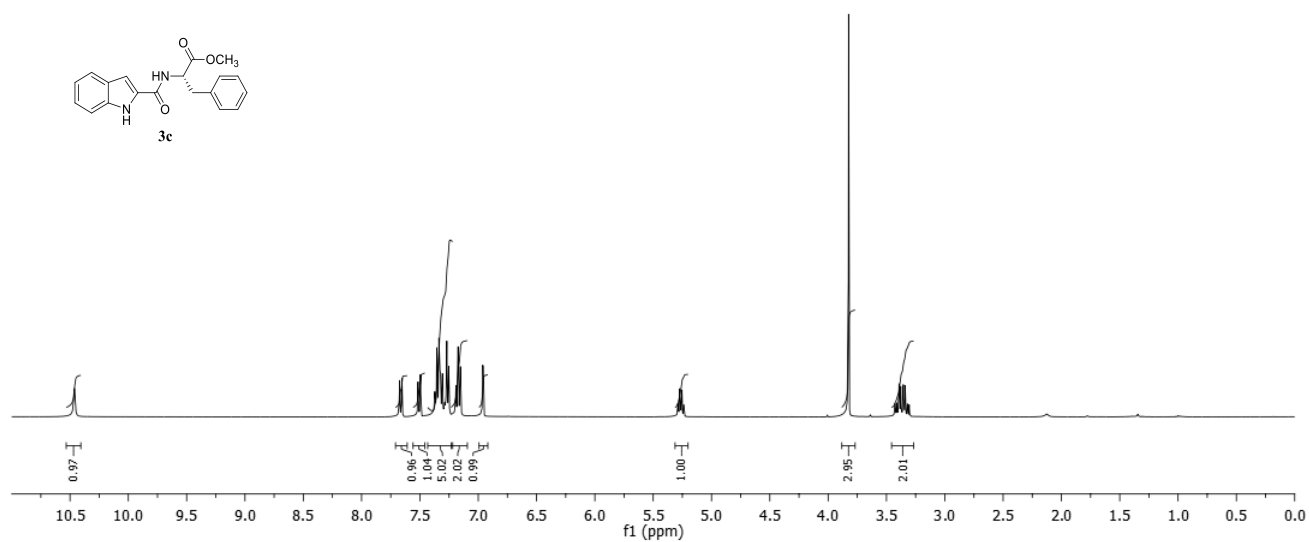
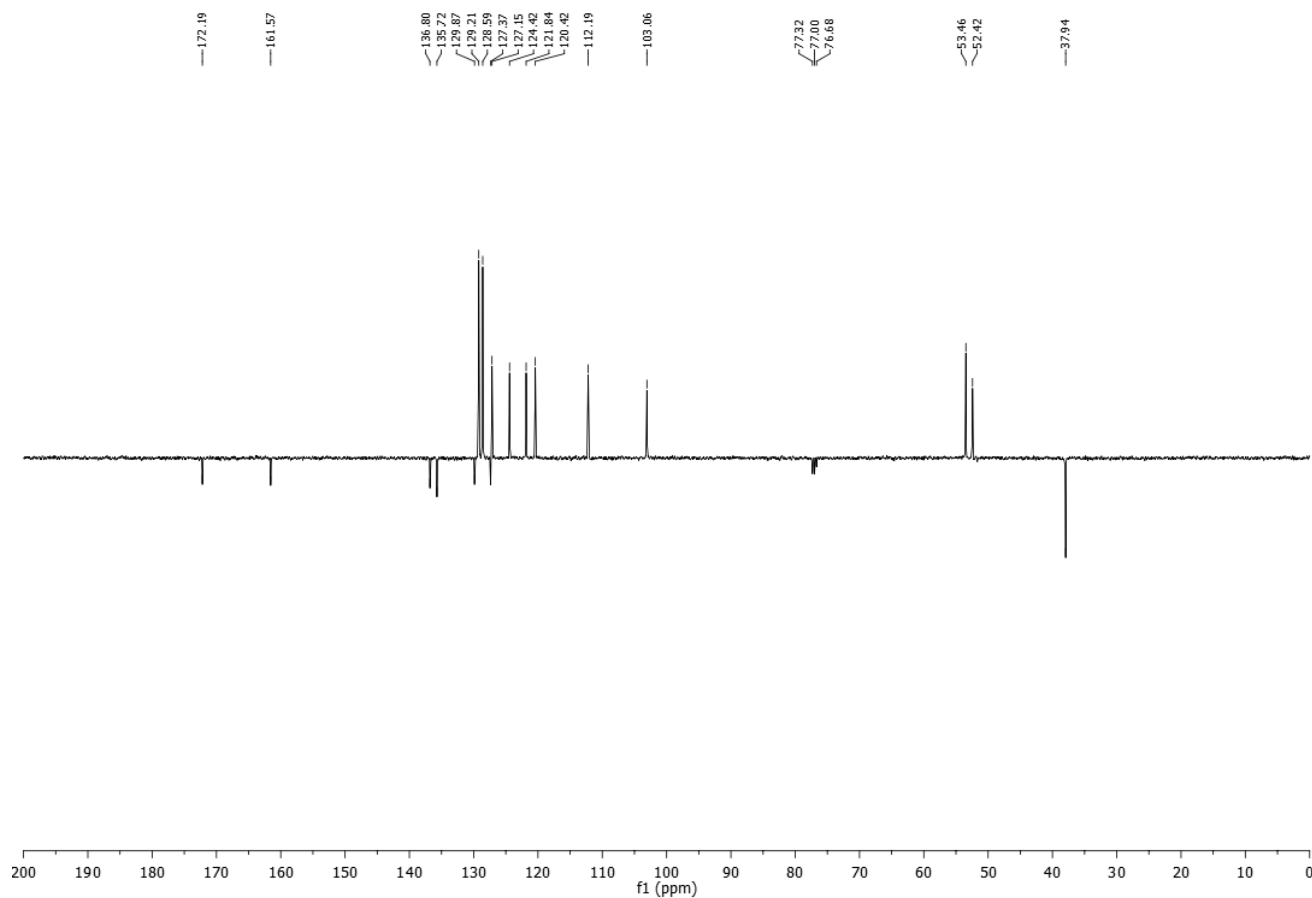
Figure 5: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3c**)Figure 6: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3c**)

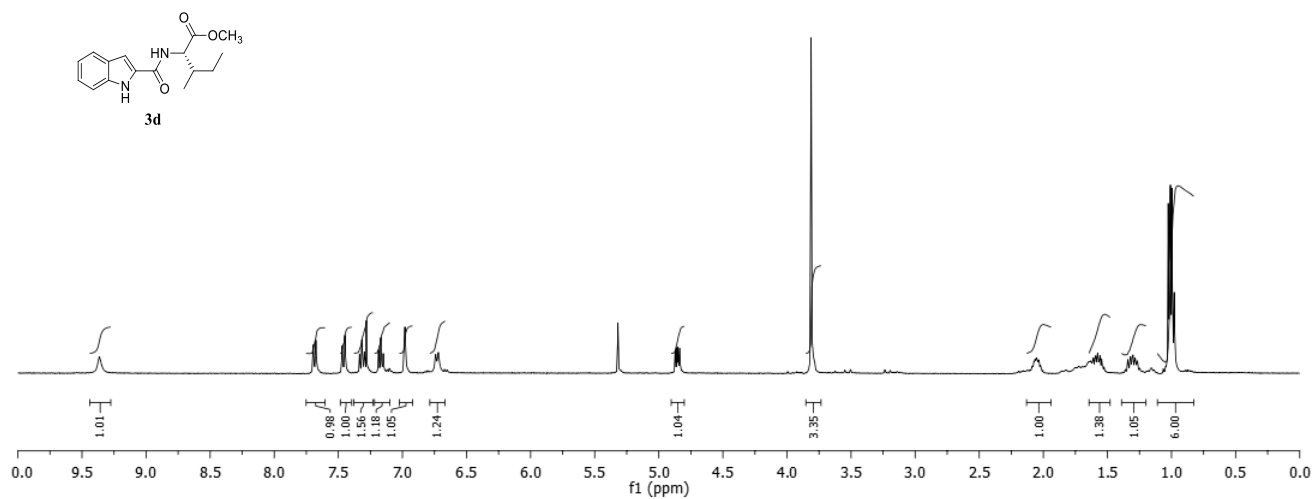
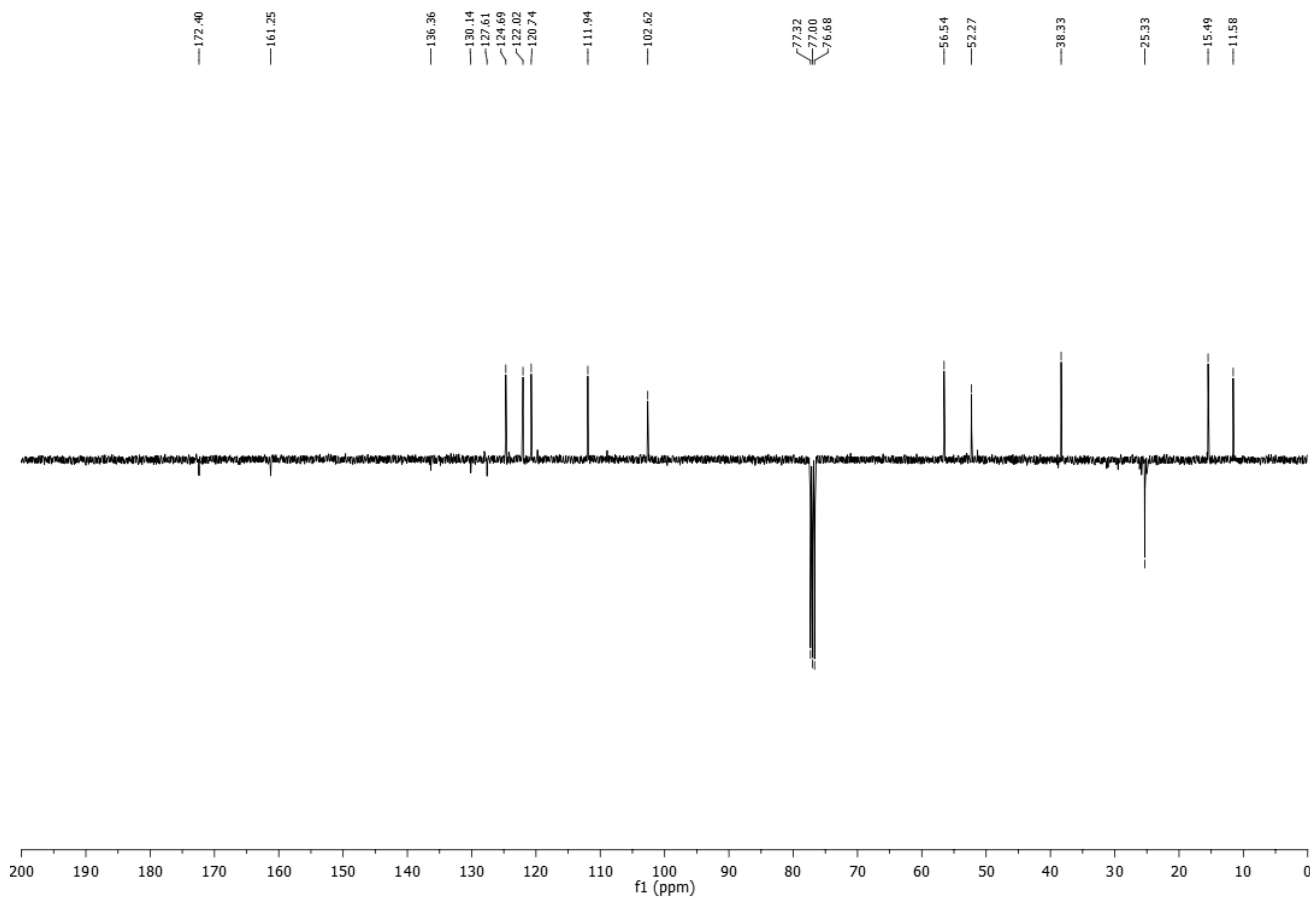
Figure 7: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3d**)Figure 8: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3d**)

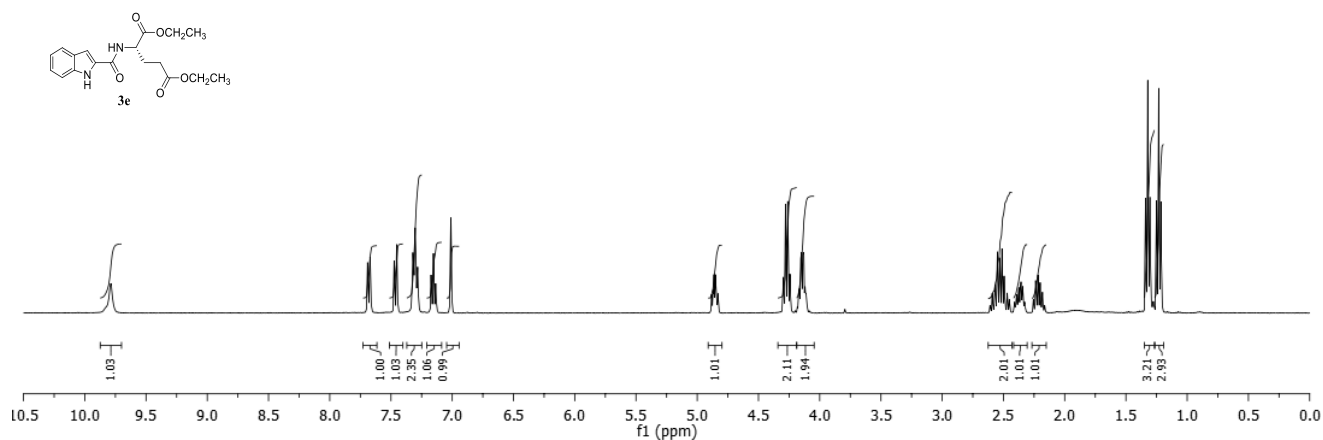
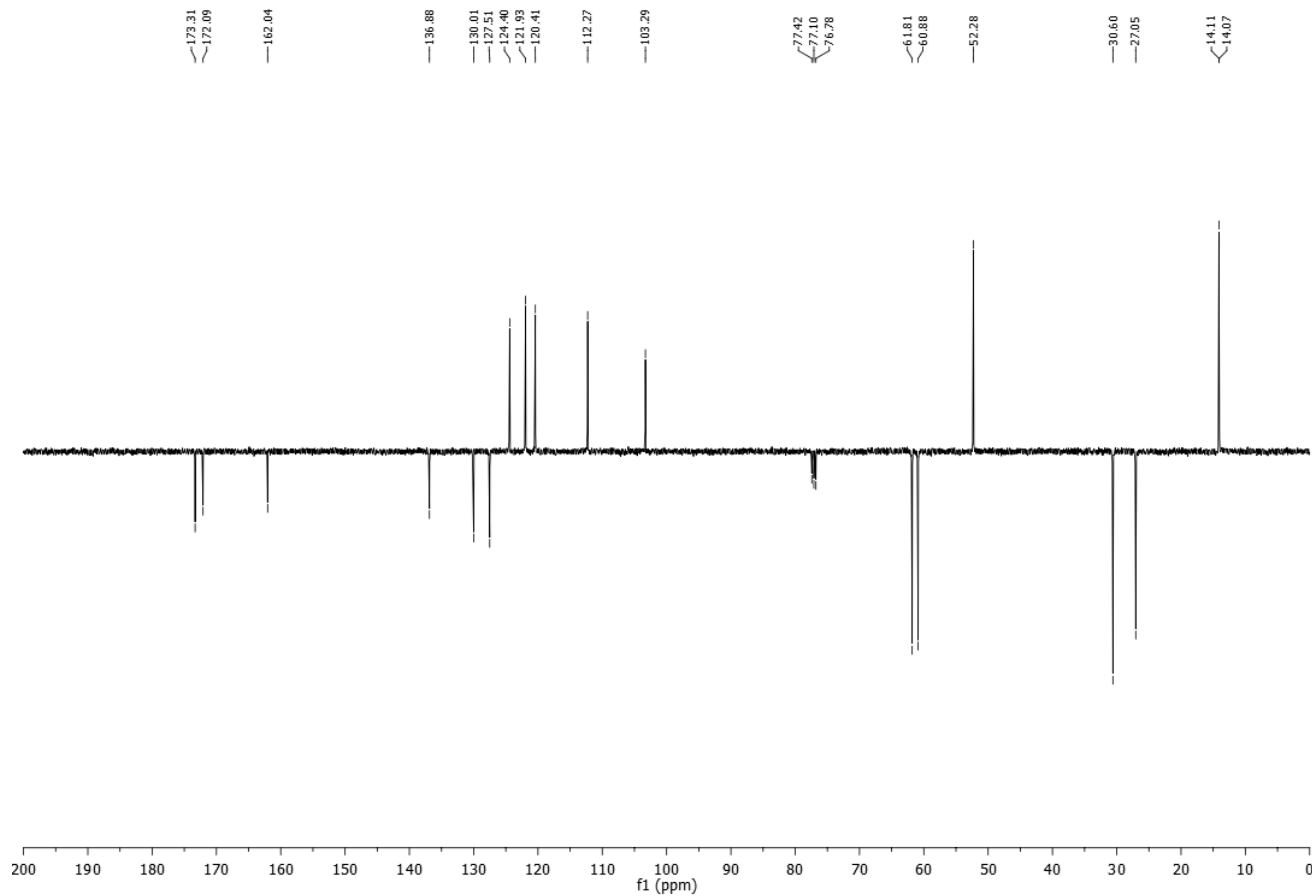
Figure 9: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3e**)Figure 10: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3e**)

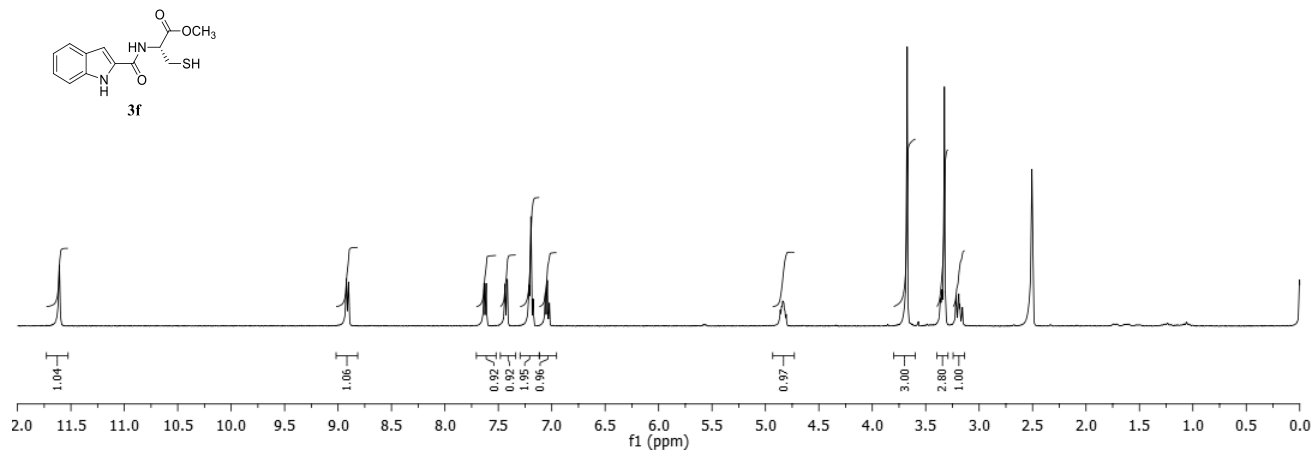
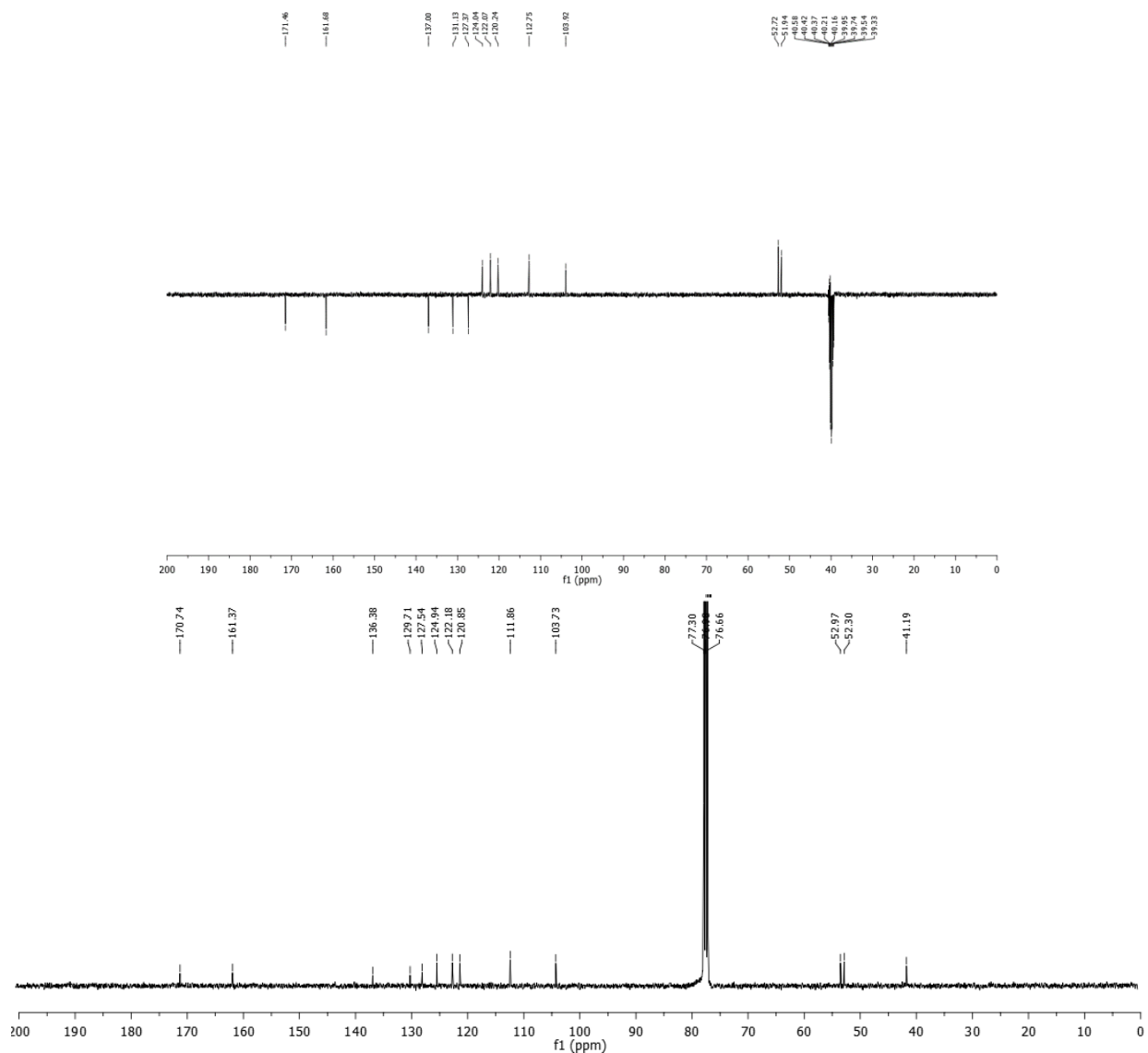
Figure 11: ^1H NMR spectrum (DMSO, 400MHz) (**3f**)Figure 12: ^{13}C NMR spectrum (DMSO and CDCl_3 , 100MHz) (**3f**)

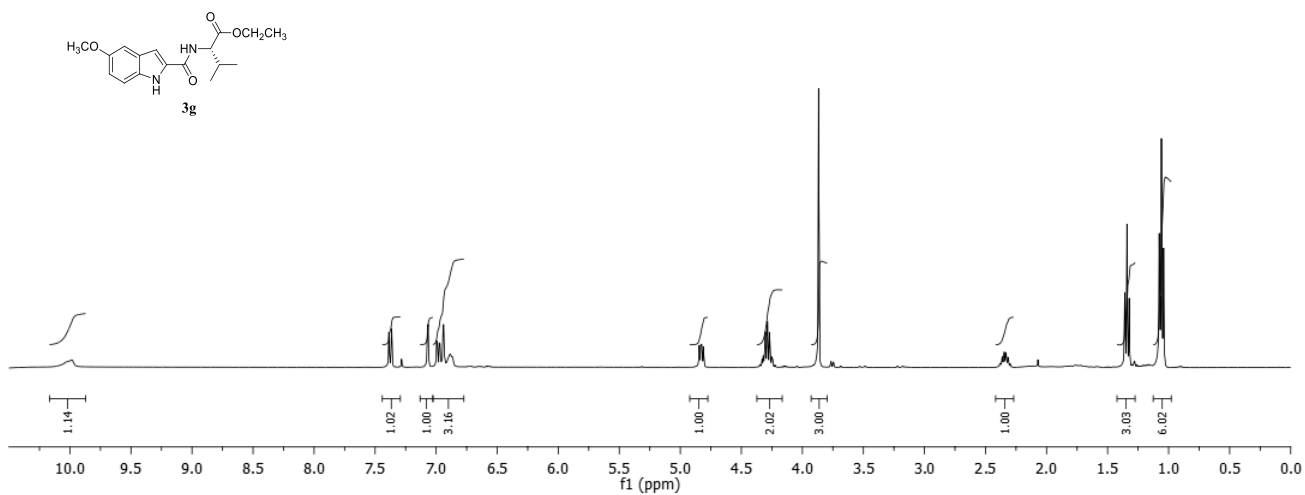
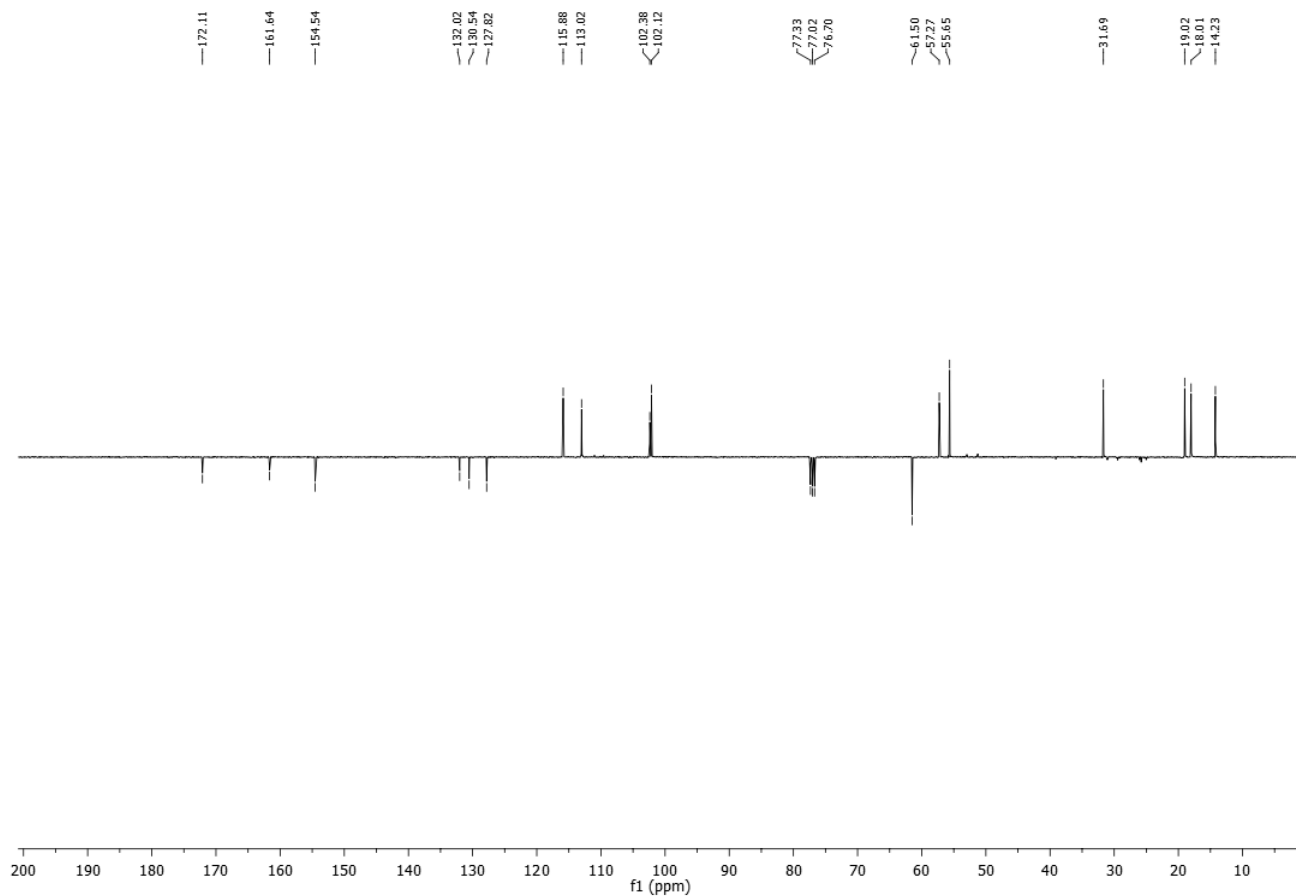
Figure 13: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3g**)Figure 14: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3g**)

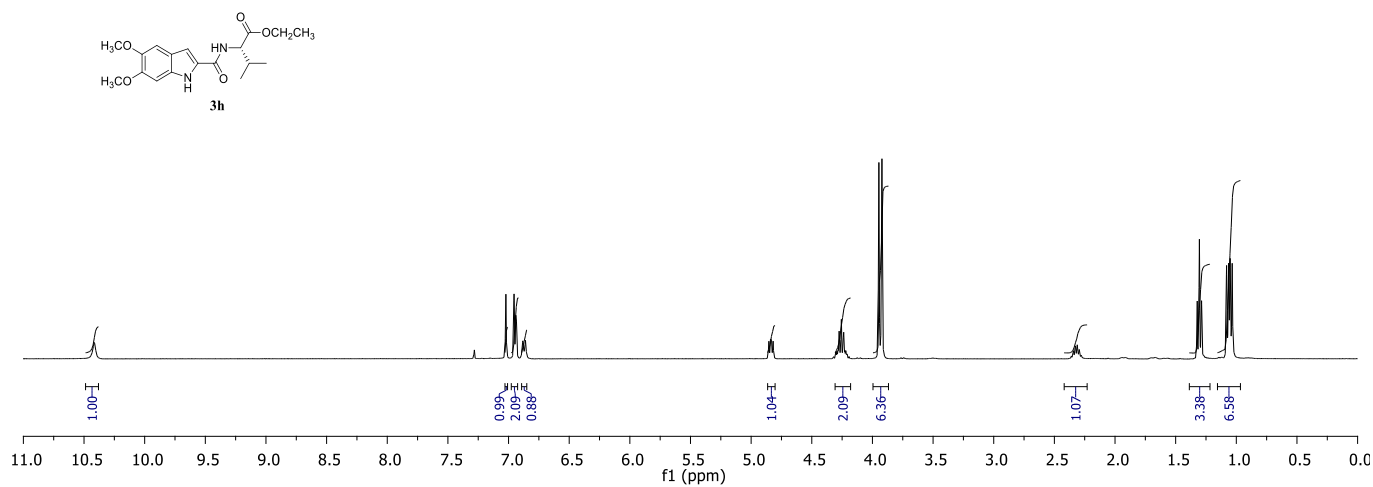
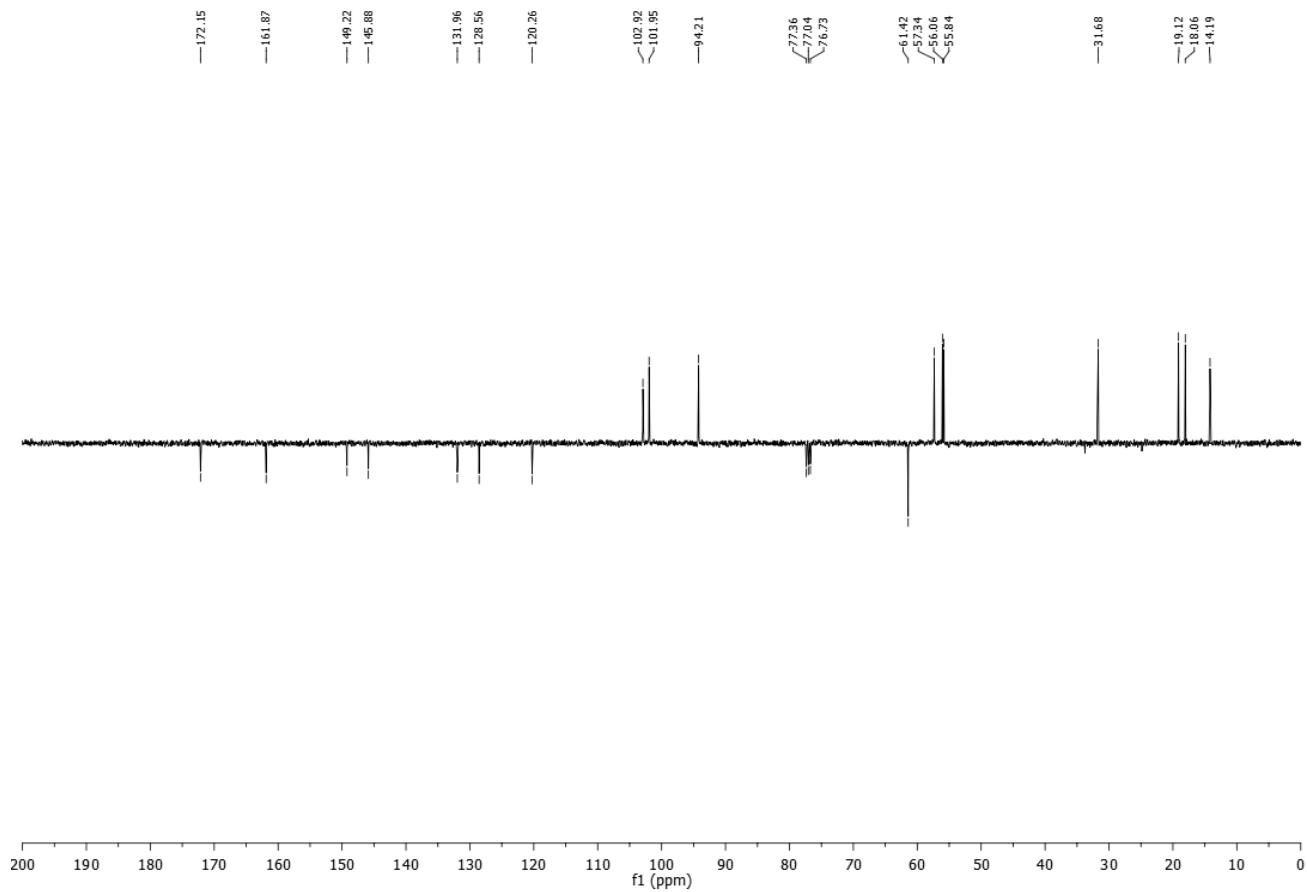
Figure 15: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3h**)Figure 16: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3h**)

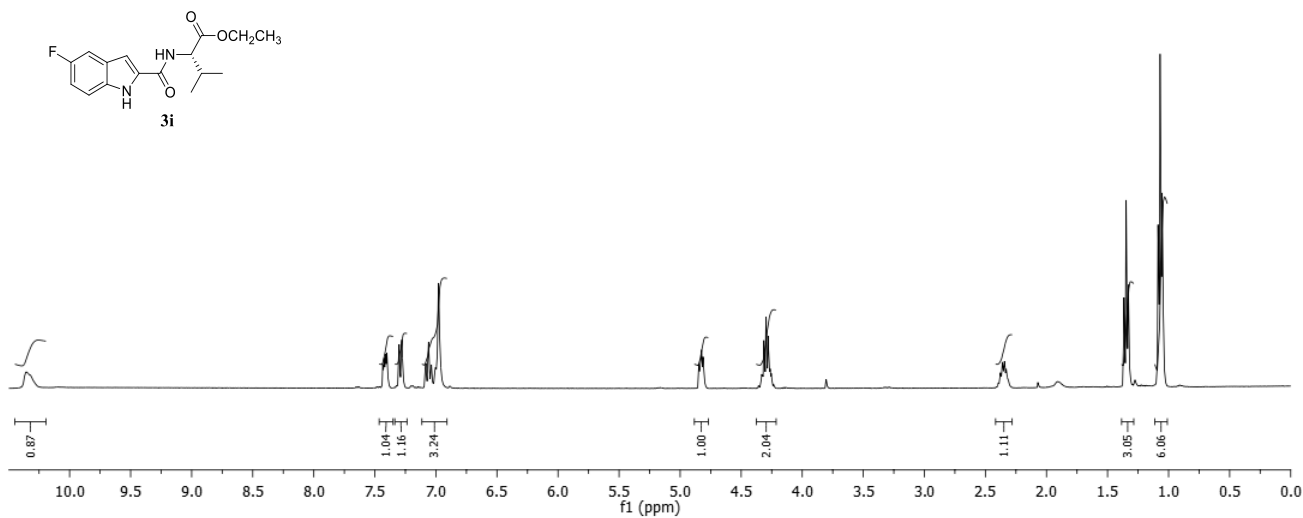
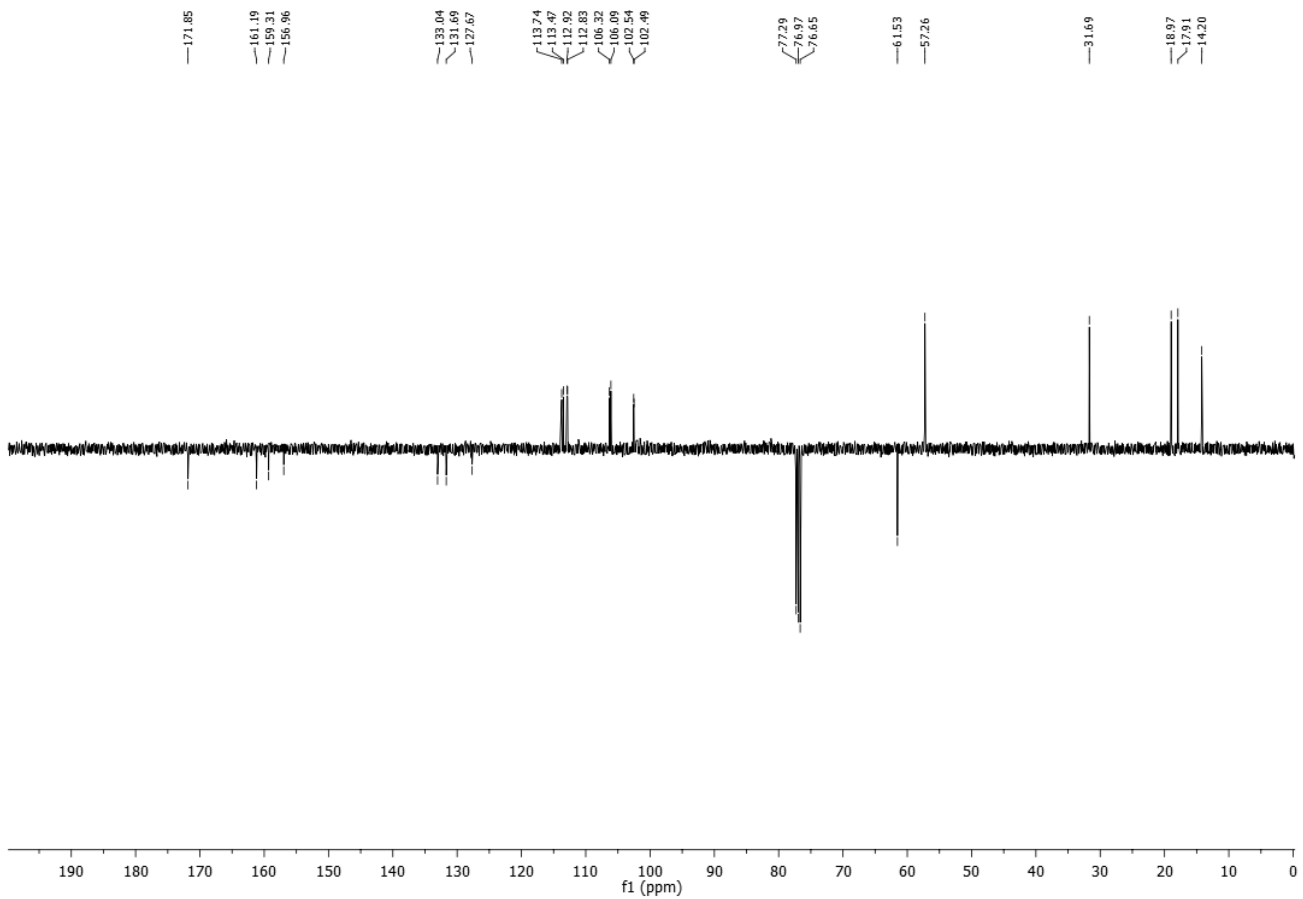
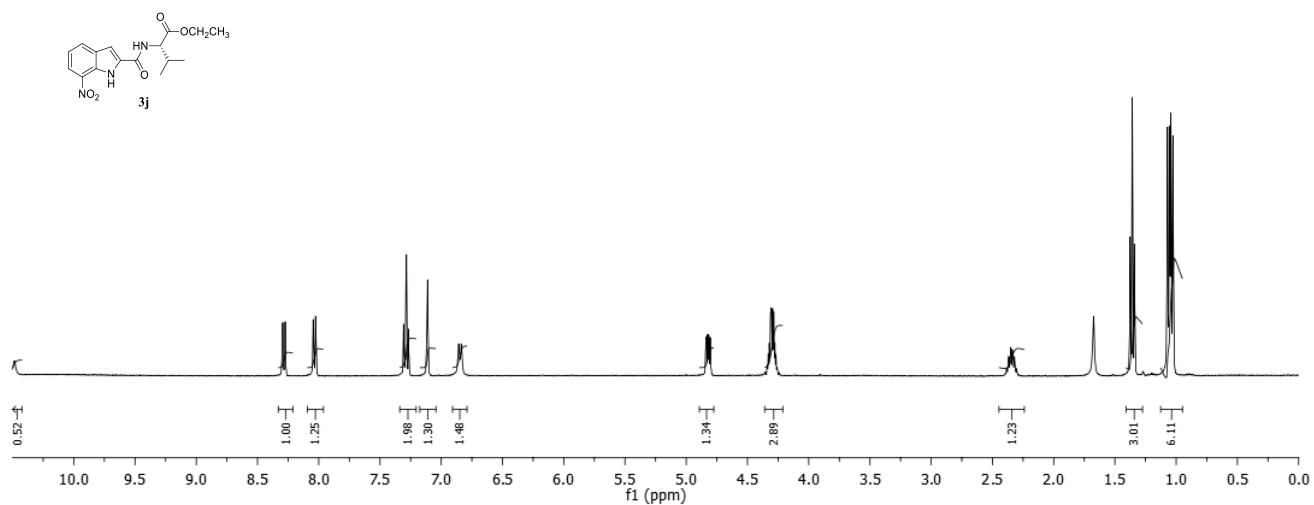
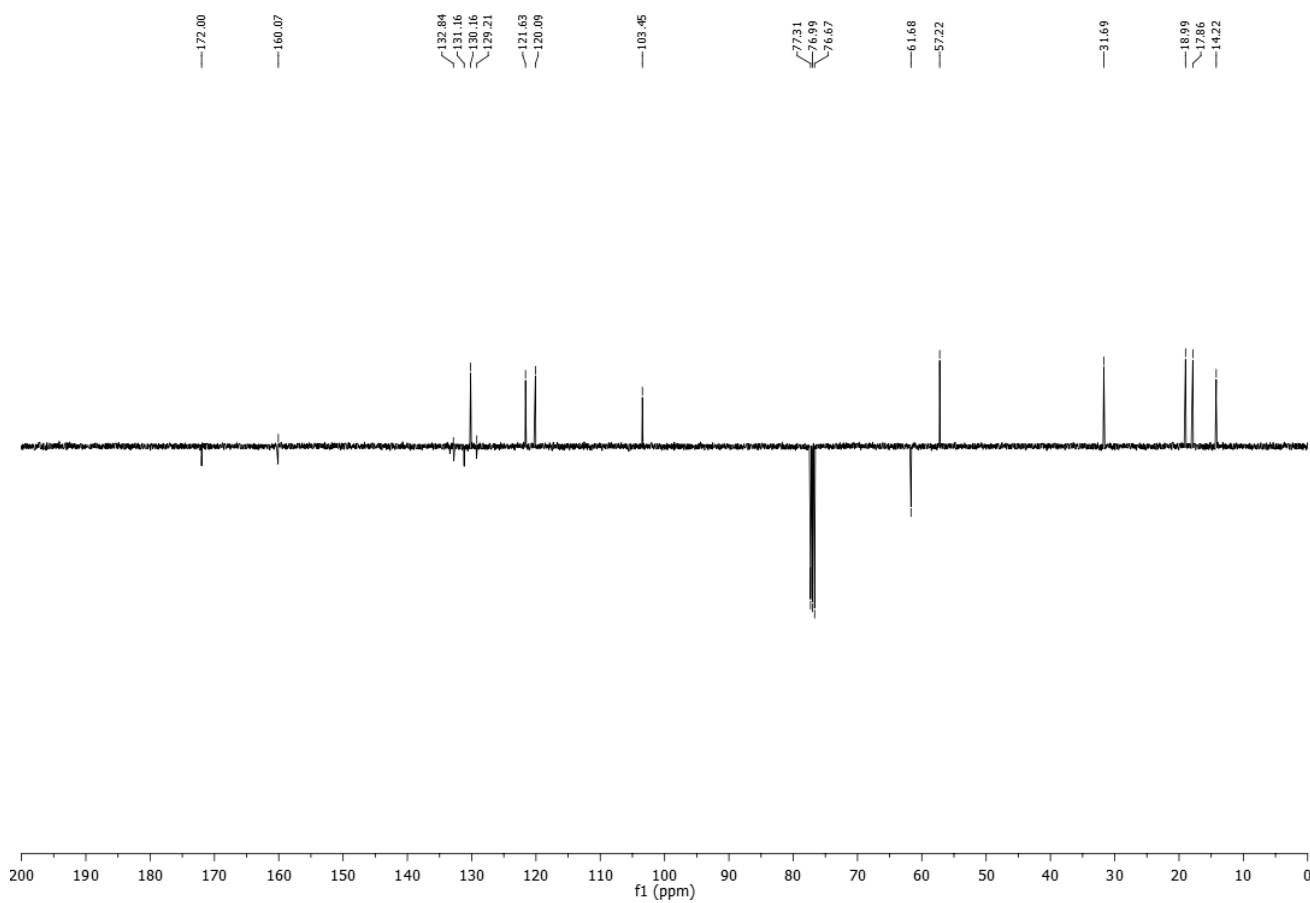
Figure 17: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3i**)Figure 18: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3i**)

Figure 19: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3j**)Figure 20: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3j**)

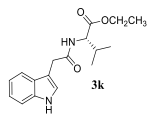
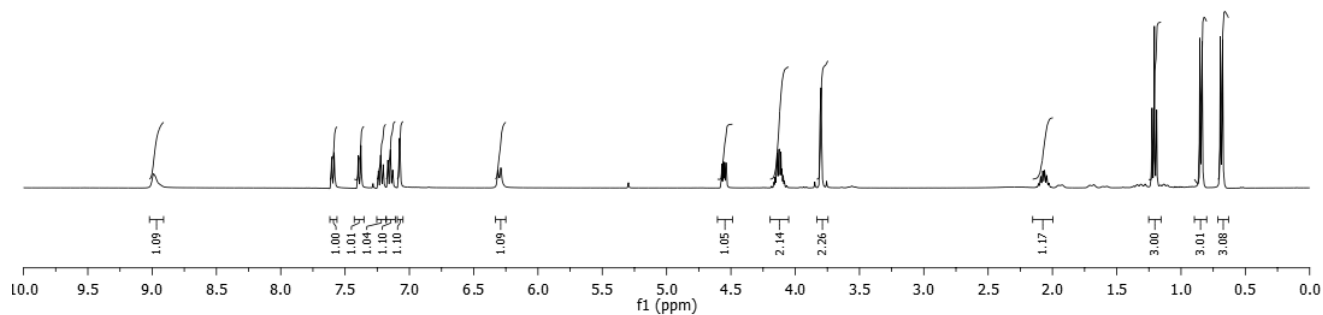
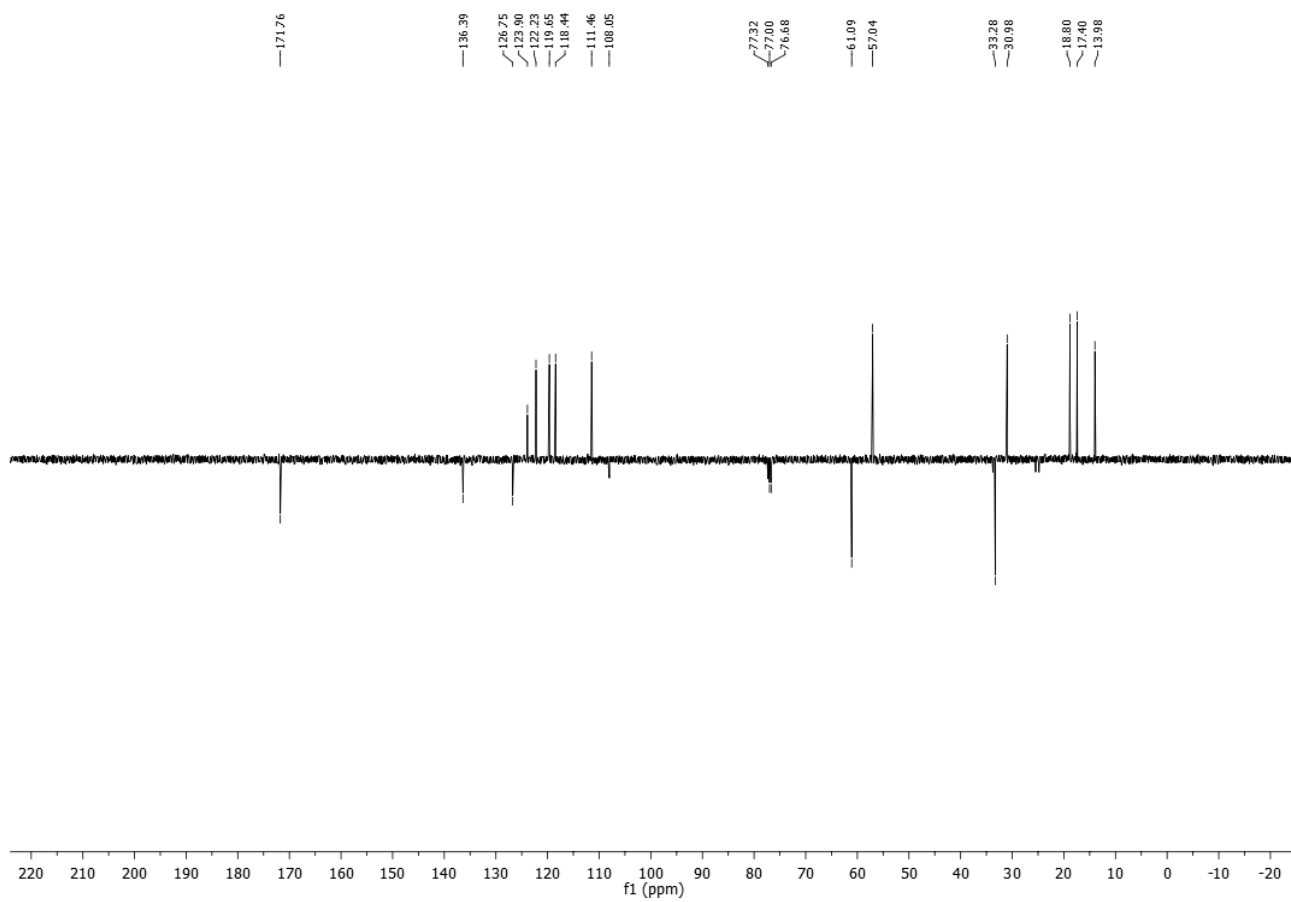
**Figure 21:** ^1H NMR spectrum (CDCl_3 , 400MHz) (**3k**)**Figure 22:** ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3k**)

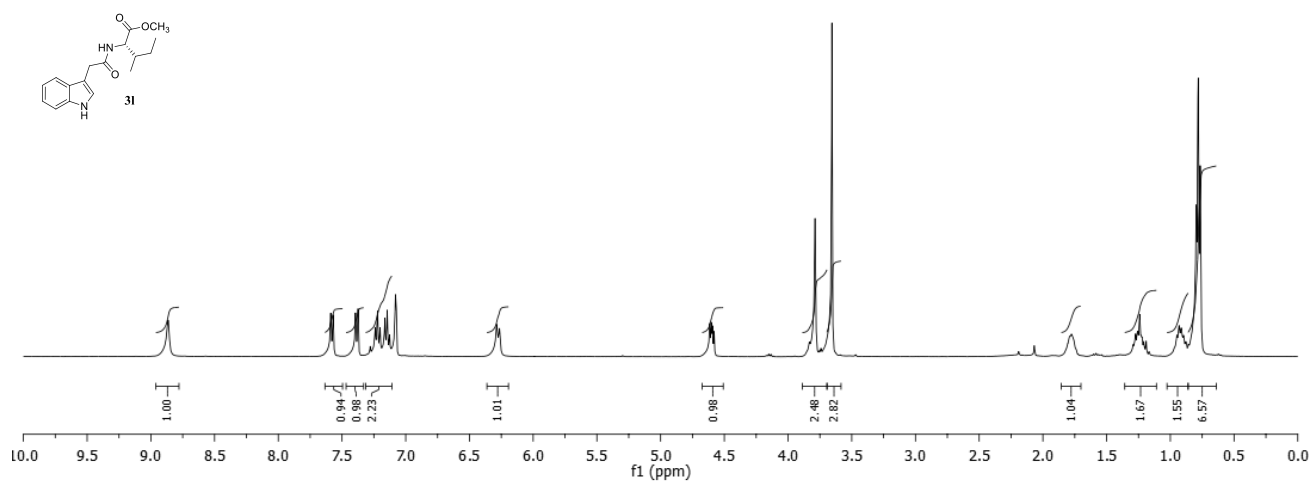
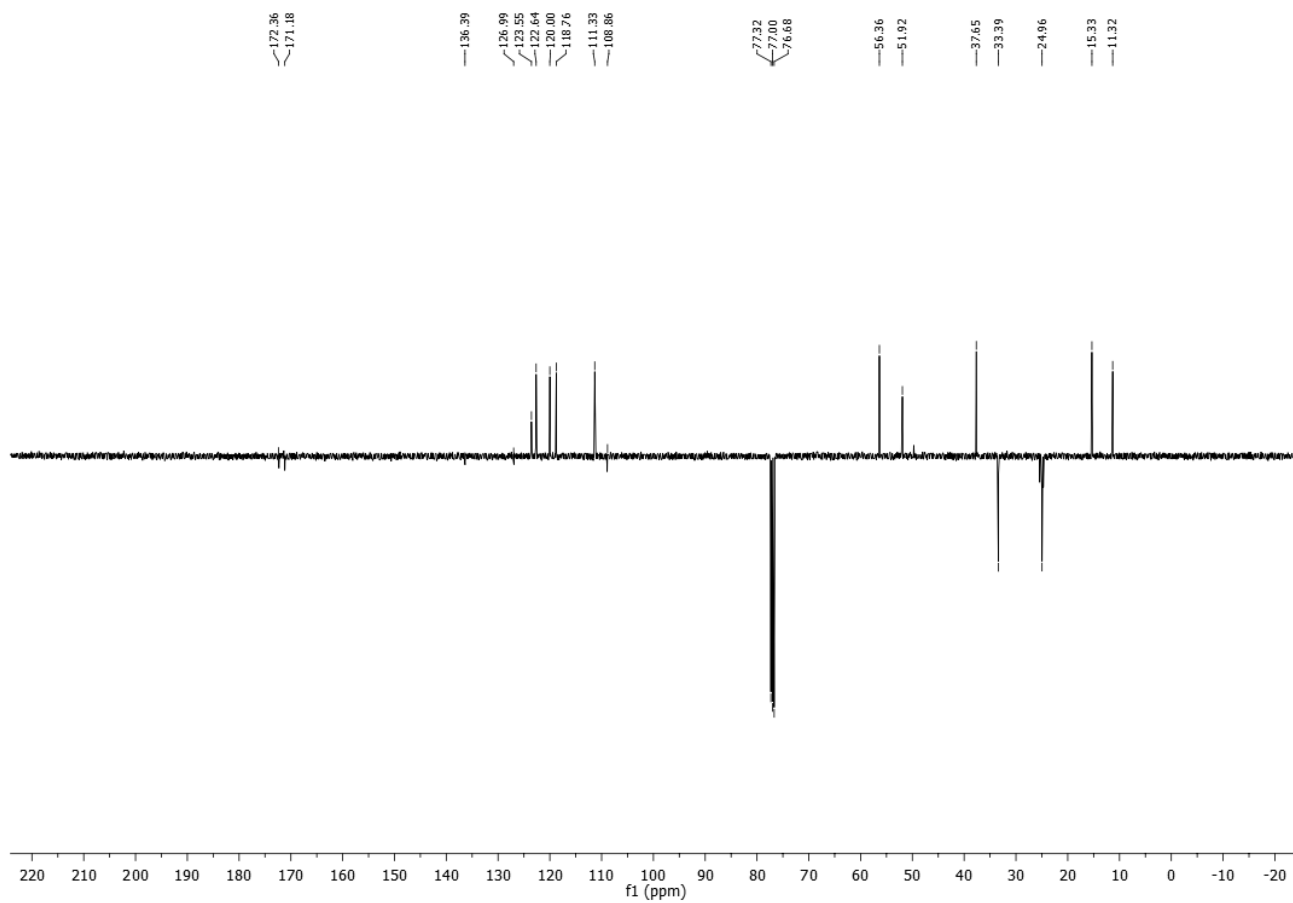
Figure 23: ^1H NMR spectrum (CDCl_3 , 400MHz) (31)Figure 24: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (31)

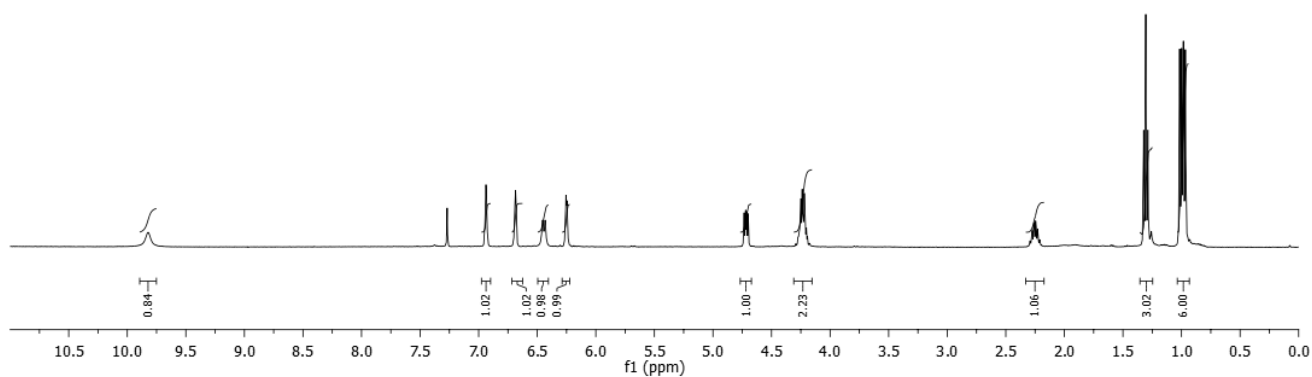
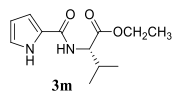
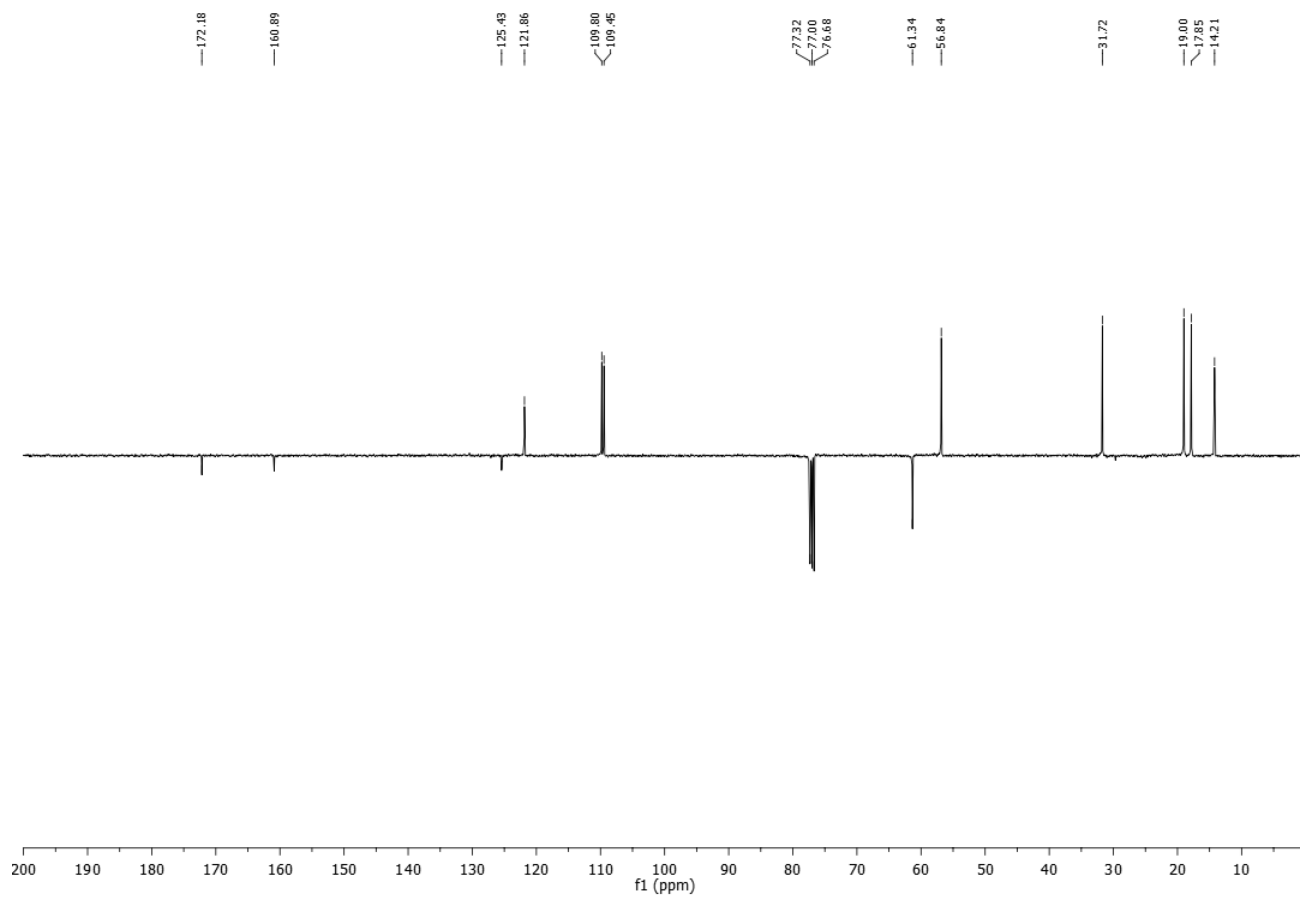
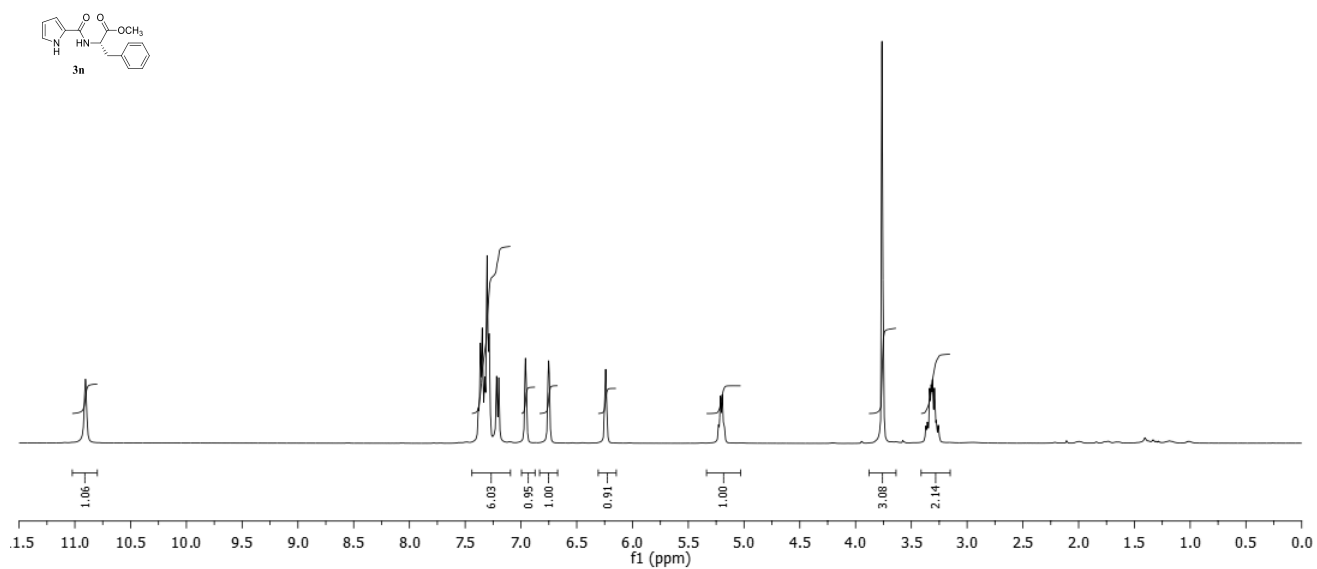
Figure 25: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3m**)Figure 26: ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3m**)

Figure 27: ^1H NMR spectrum (CDCl_3 , 400MHz) (**3n**)**Figure 28:** ^{13}C NMR spectrum (CDCl_3 , 100MHz) (**3n**)