

Supplementary material

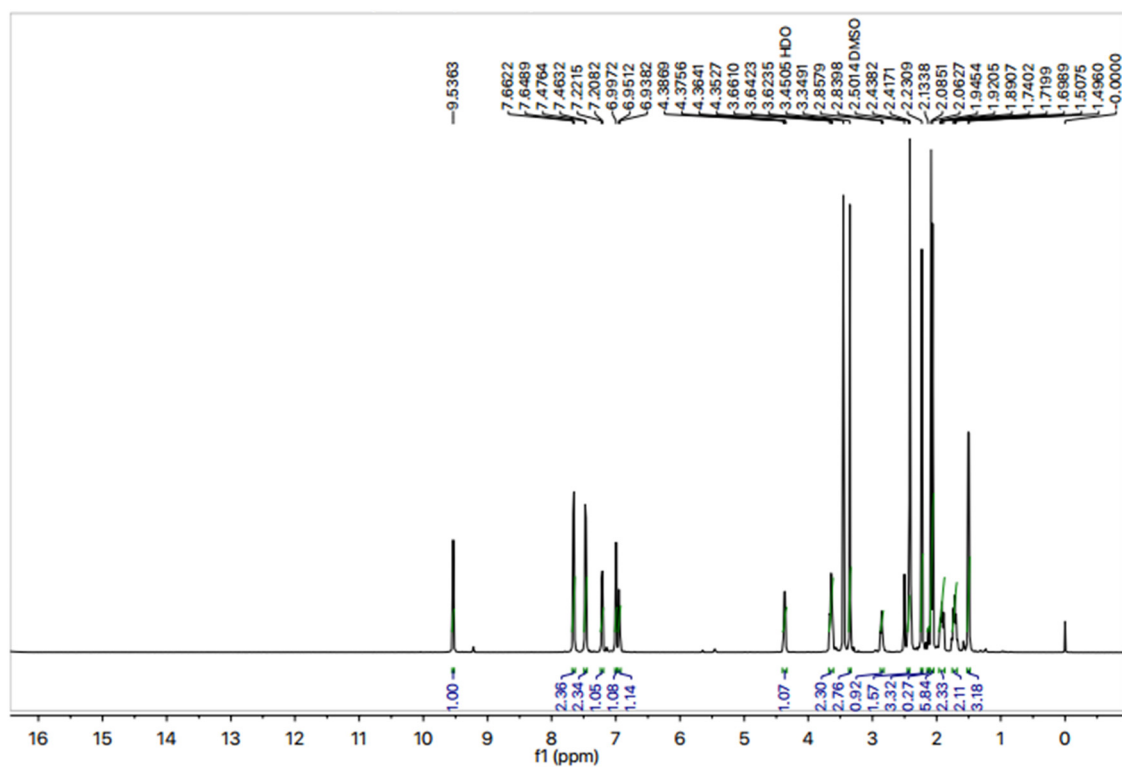
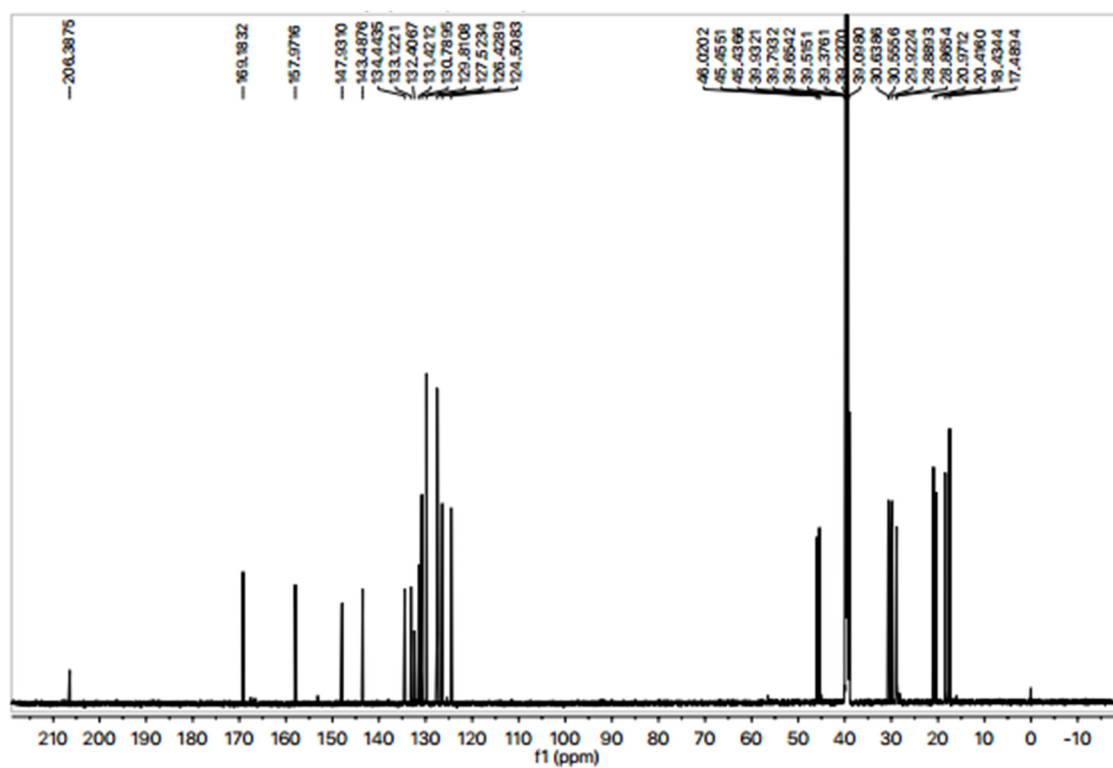
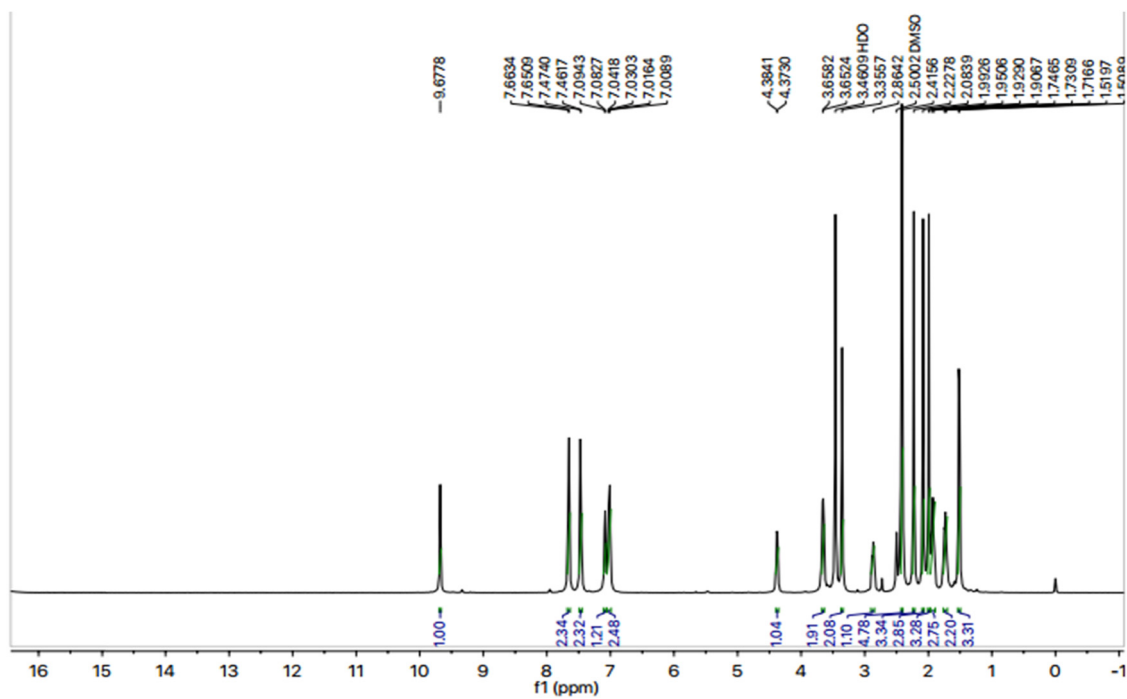


Figure S1: ¹H-NMR spectrum of compound **8a**.

Figure S2: ^{13}C -NMR spectrum of compound 8a.Figure S3: ^1H -NMR spectrum of compound 8b.

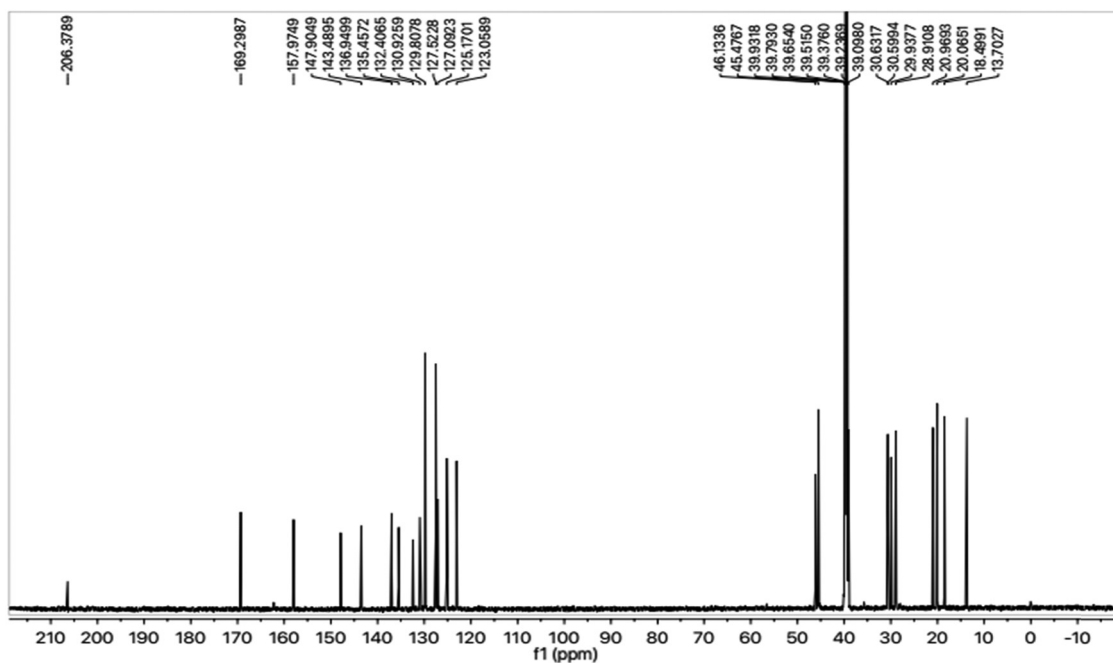


Figure S4: ¹³C-NMR spectrum of compound **8b**.

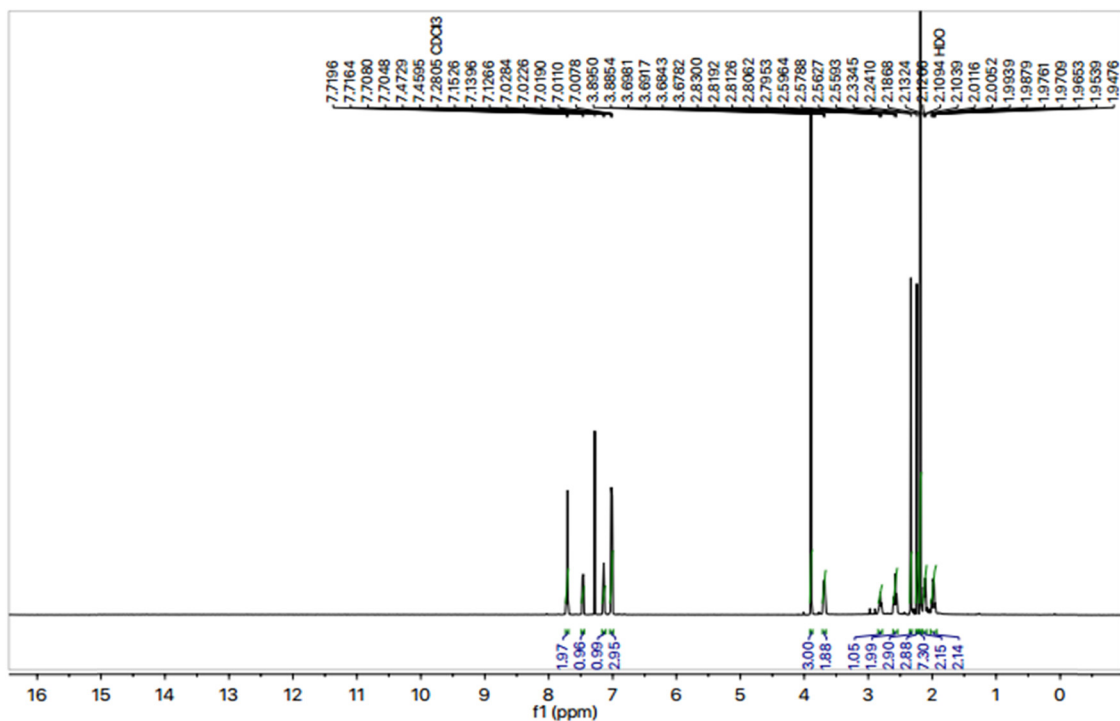


Figure S5: ¹H-NMR spectrum of compound **8c**.

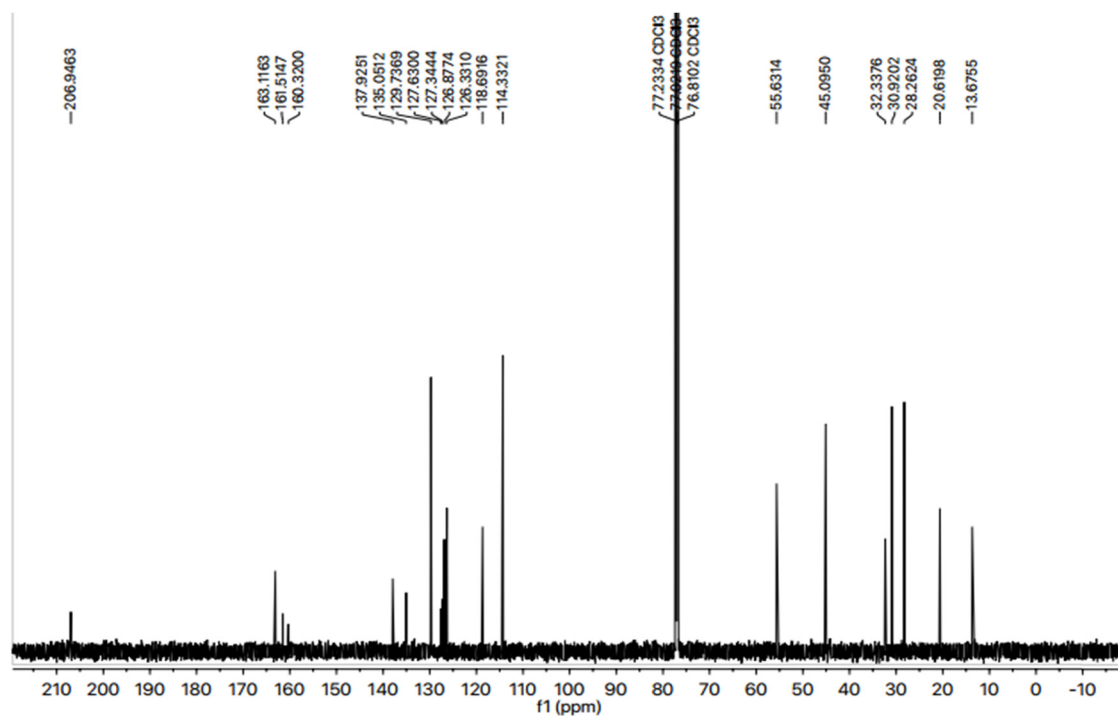


Figure S6: ^{13}C -NMR spectrum of compound **8c**.

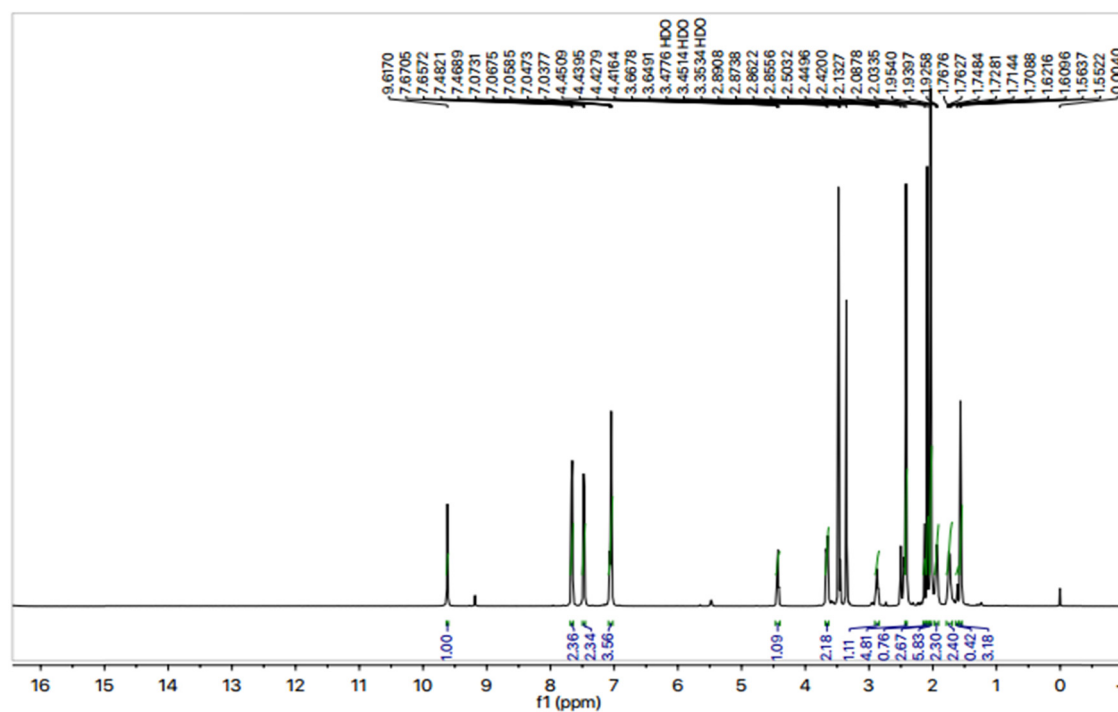


Figure S7: ^1H -NMR spectrum of compound **8d**.

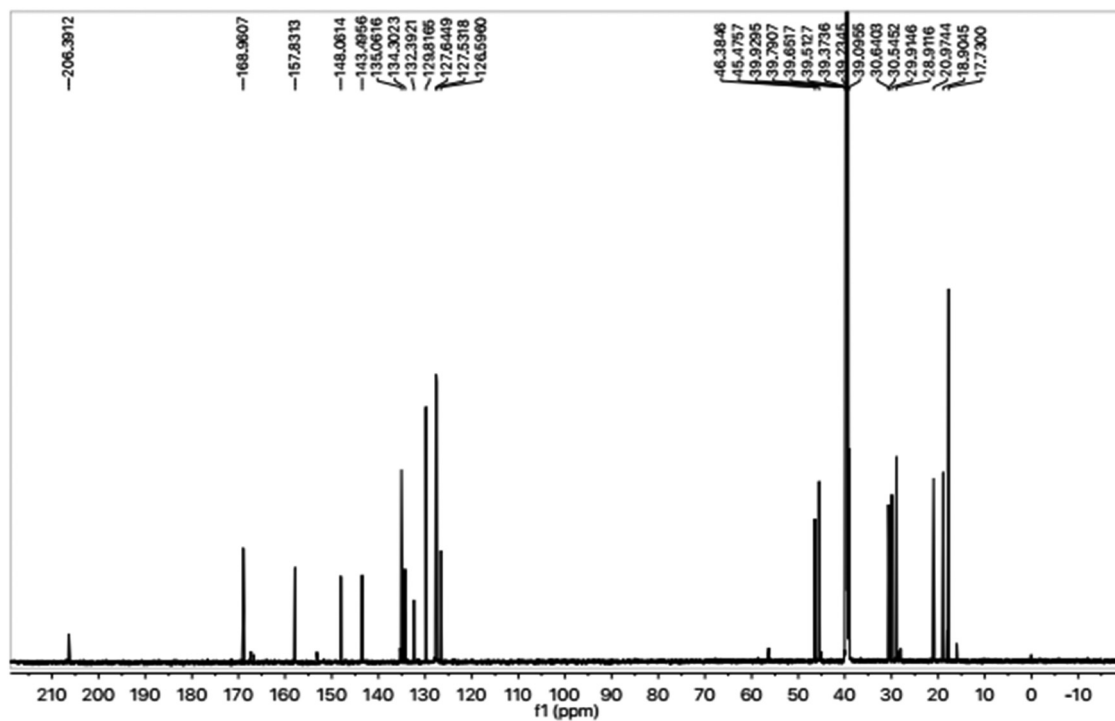


Figure S8: ¹³C-NMR spectrum of compound 8d.

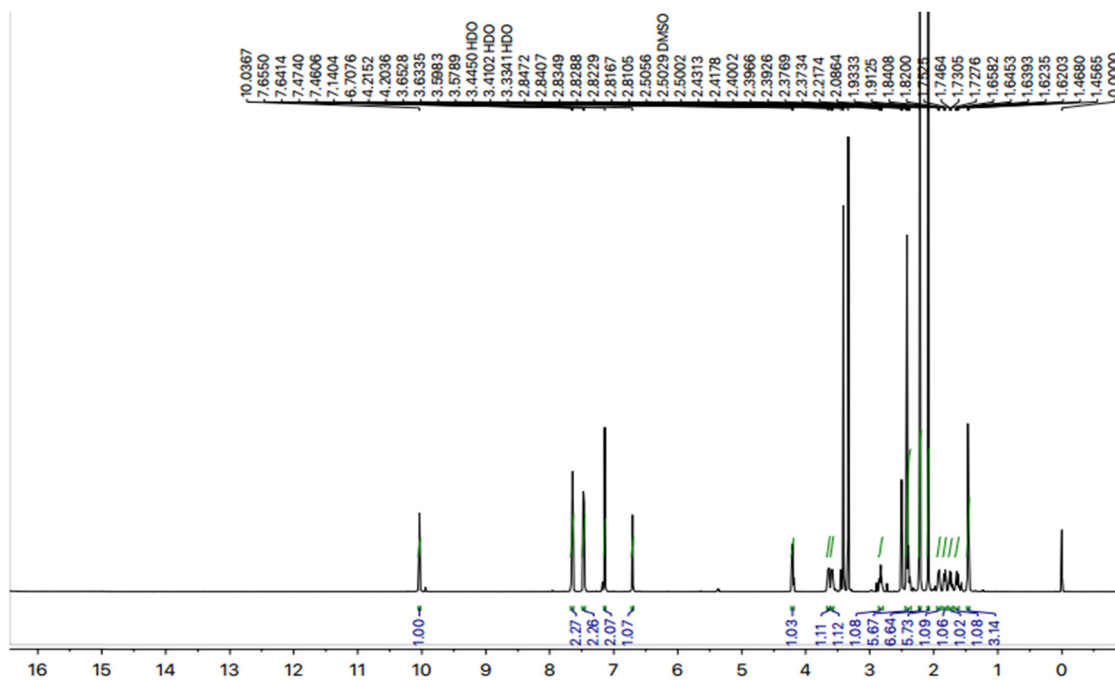


Figure S9: ¹H-NMR spectrum of compound 8e.

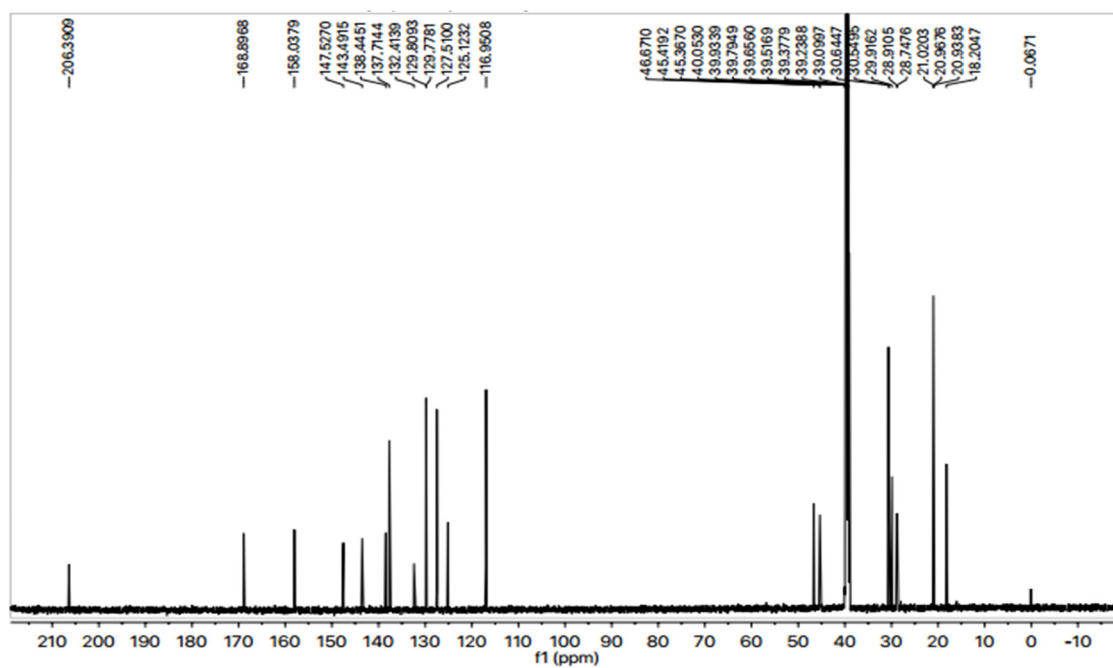


Figure S10: ^{13}C -NMR spectrum of compound **8e**.

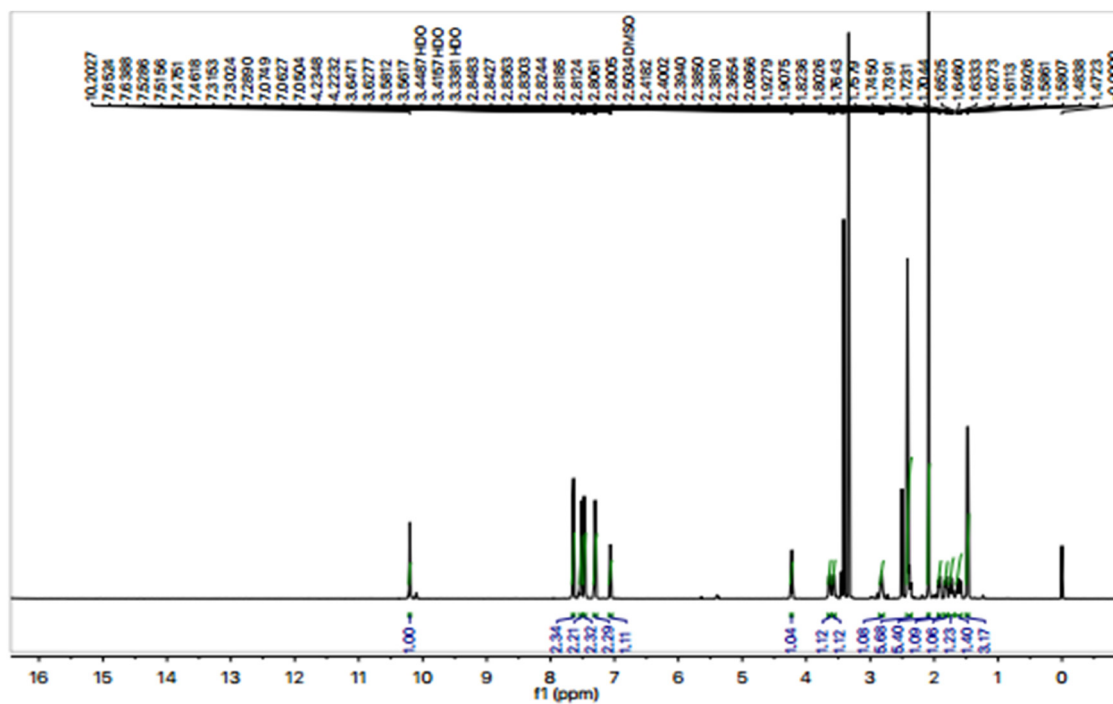


Figure S11: ^1H -NMR spectrum of compound **8f**.

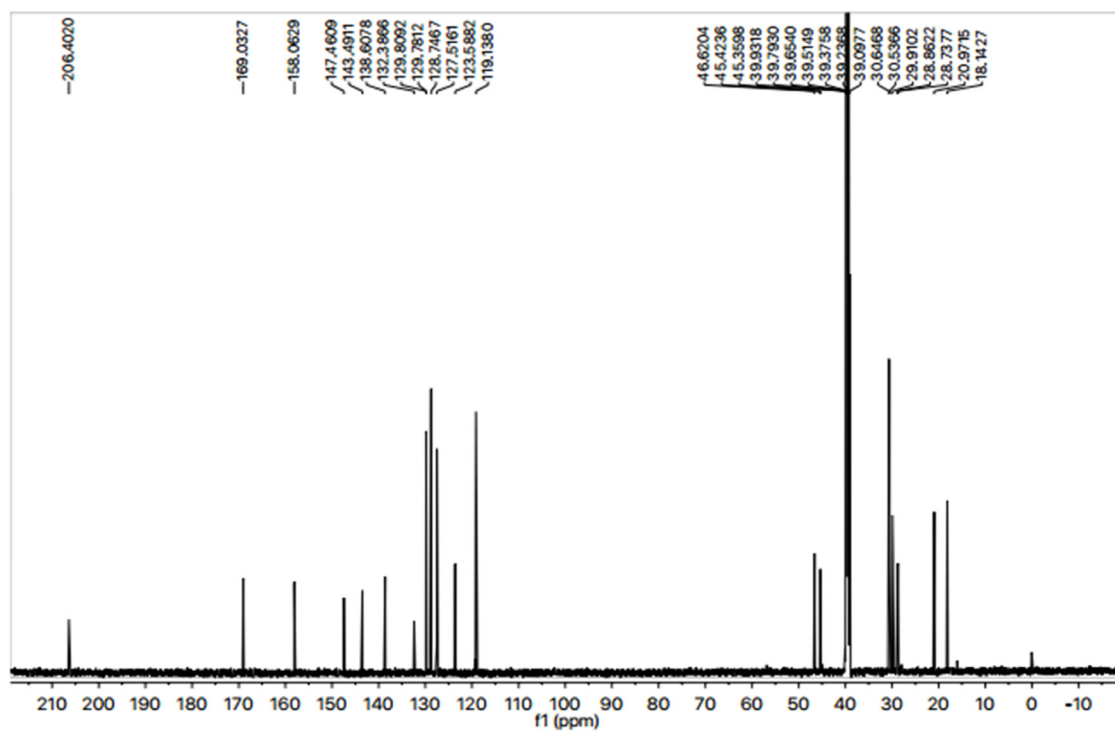


Figure S12: ¹³C-NMR spectrum of compound **8f**.

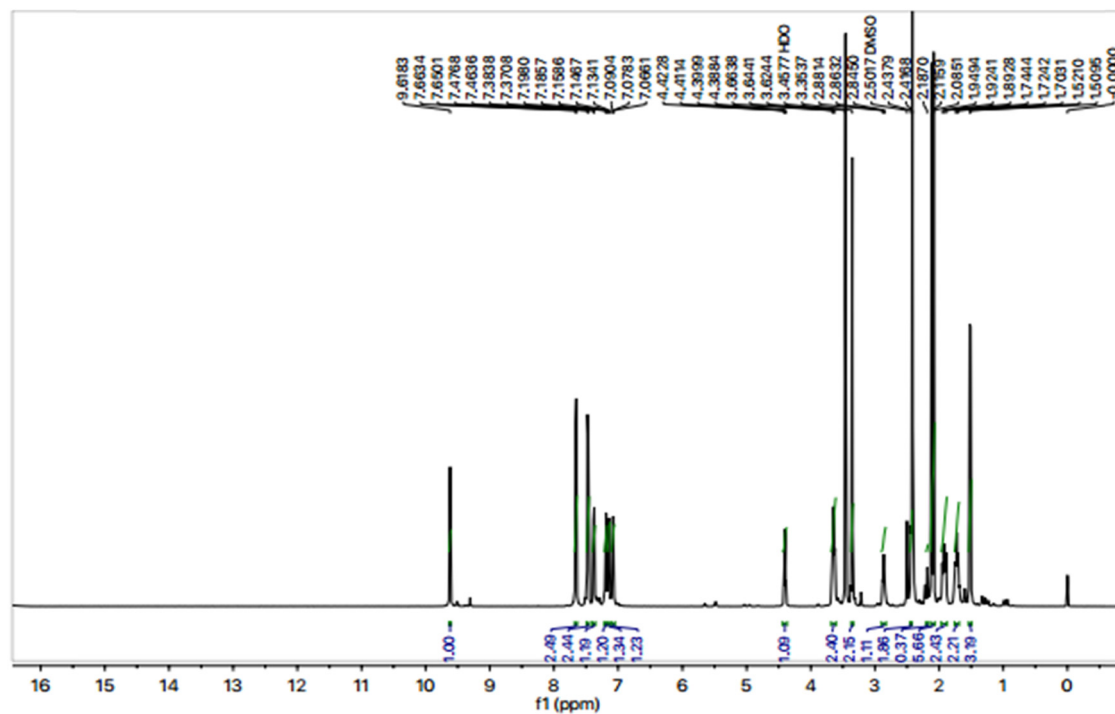


Figure S13: ¹H-NMR spectrum of compound **8g**.

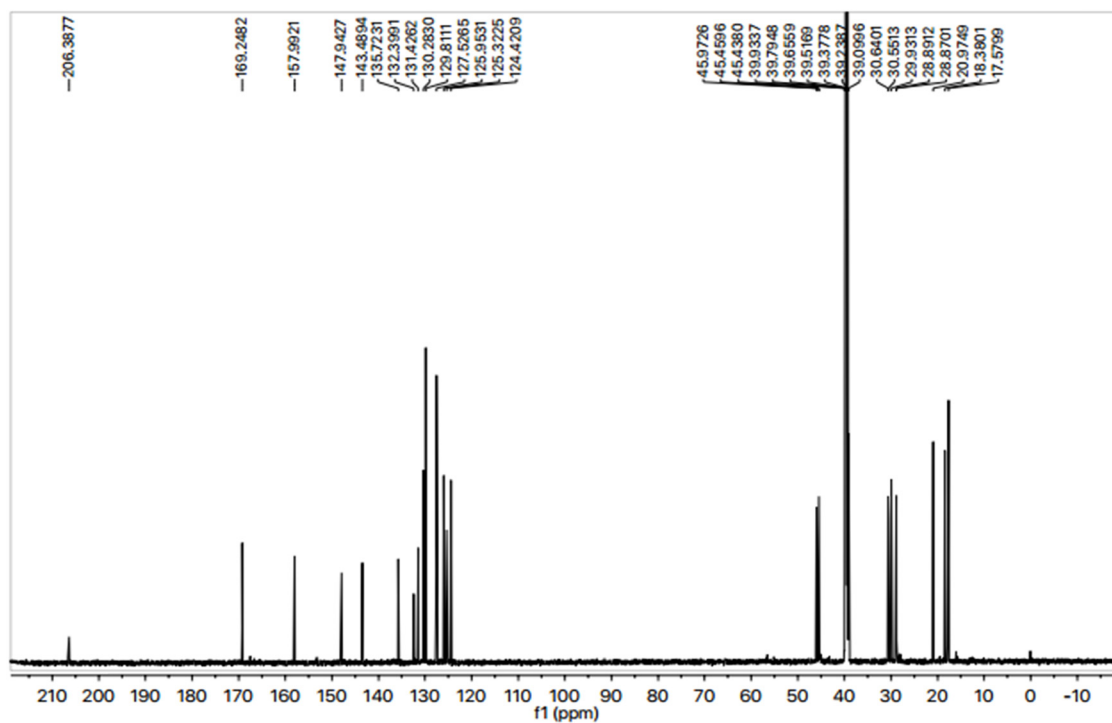


Figure S14: ¹³C-NMR spectrum of compound **8g**.

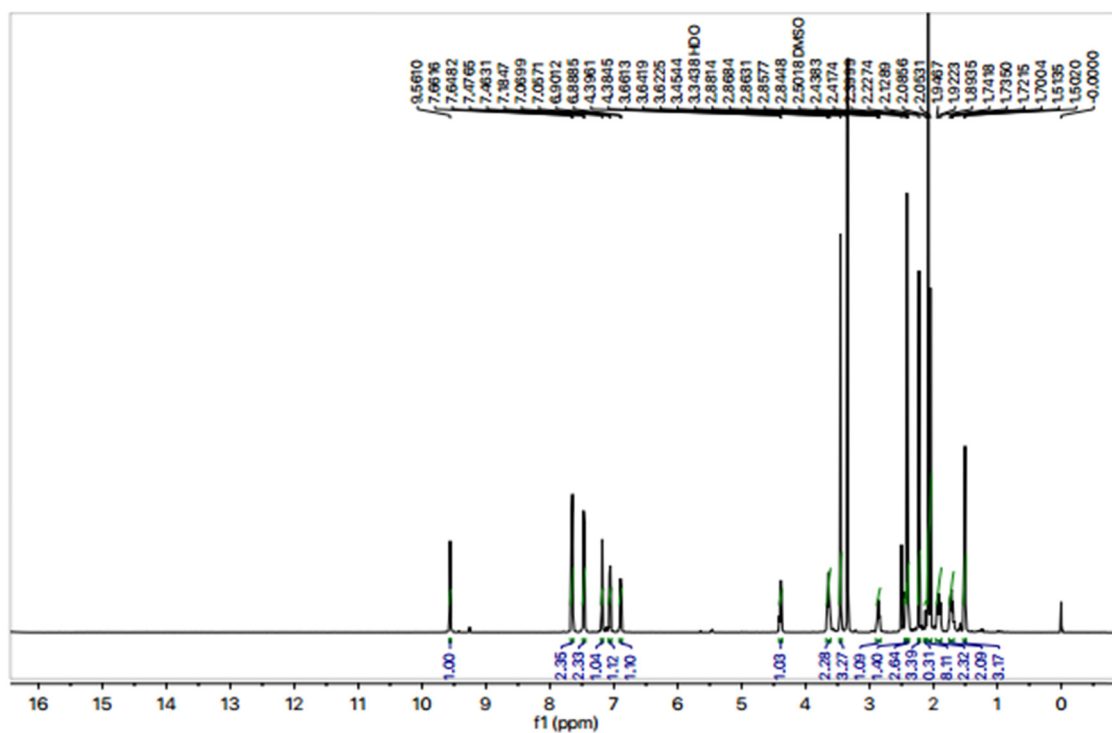


Figure S15: ¹H-NMR spectrum of compound **8h**.

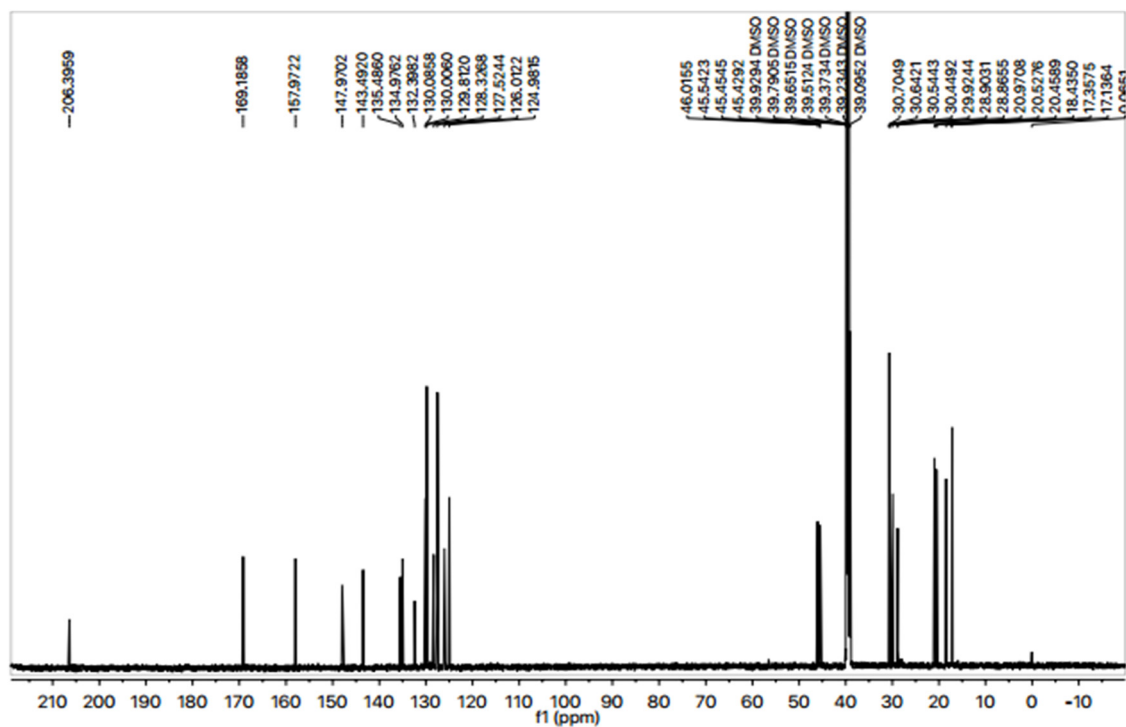


Figure S16: ¹³C-NMR spectrum of compound 8h.

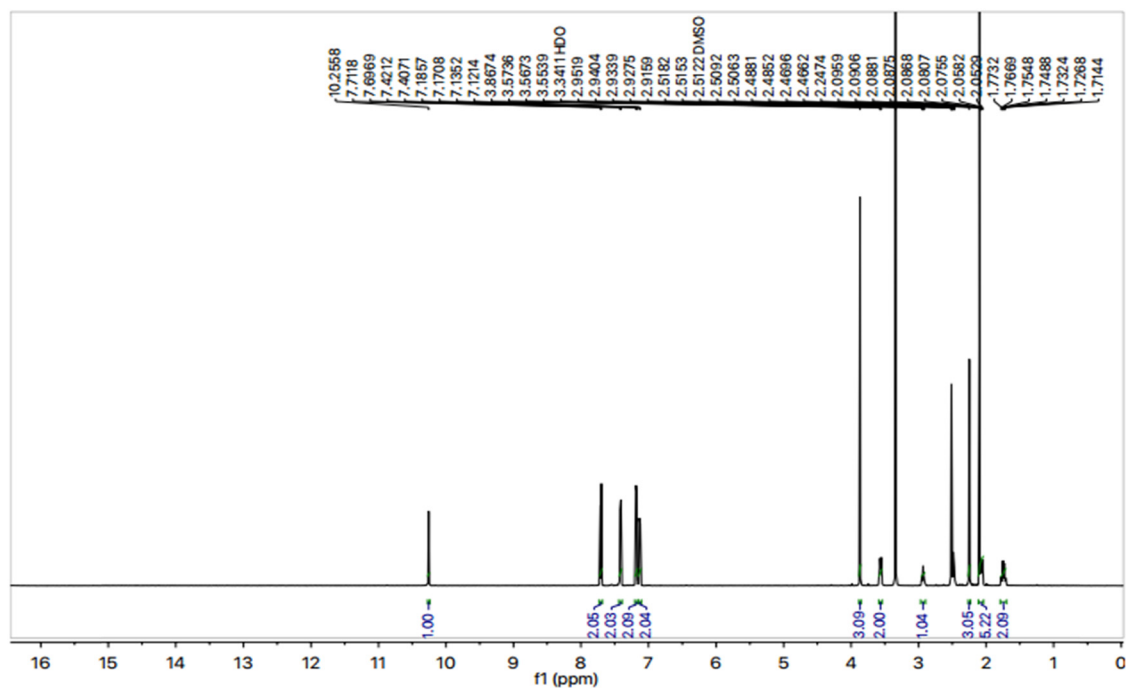


Figure S17: ¹H-NMR spectrum of compound 8i.

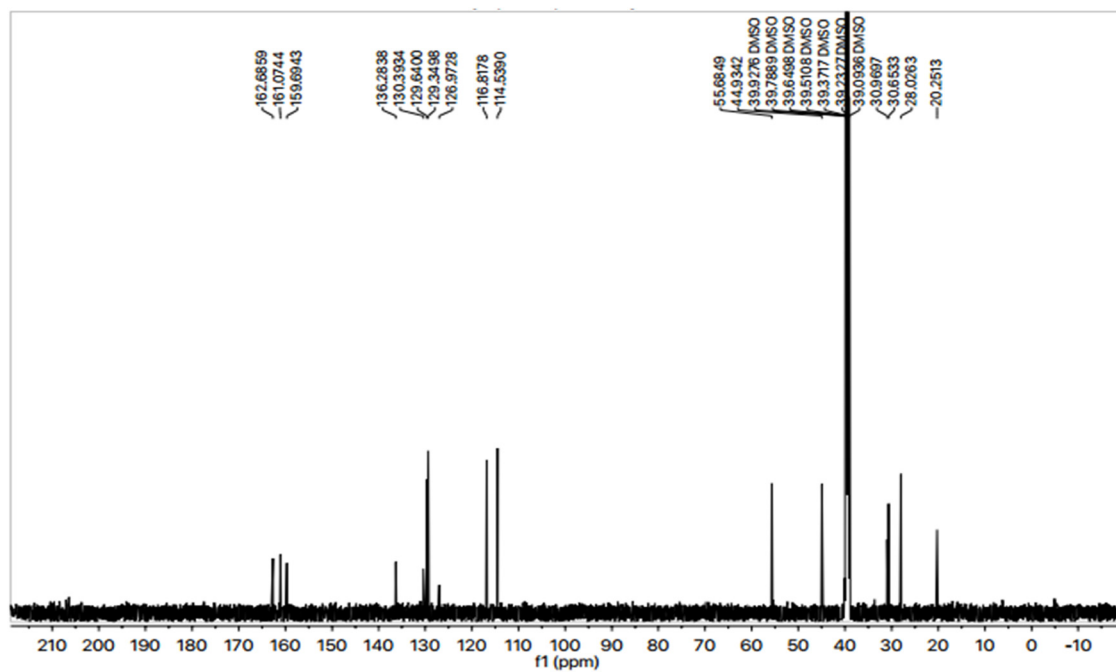


Figure S18: ¹³C-NMR spectrum of compound **8i**.

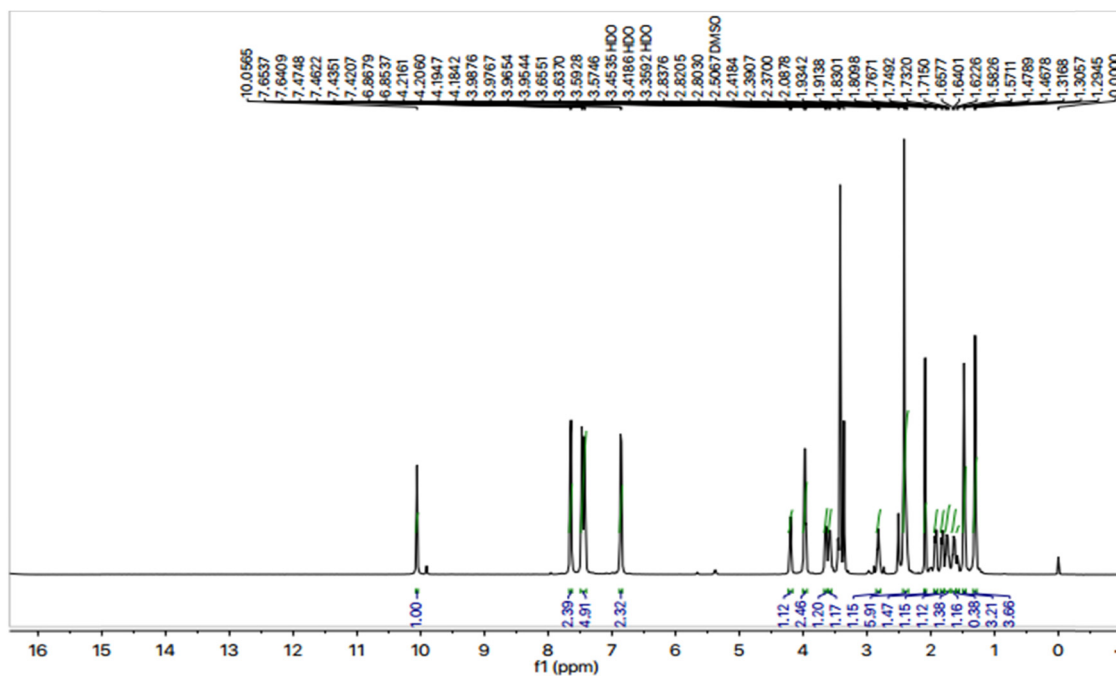


Figure S19: ¹H-NMR spectrum of compound **8j**.

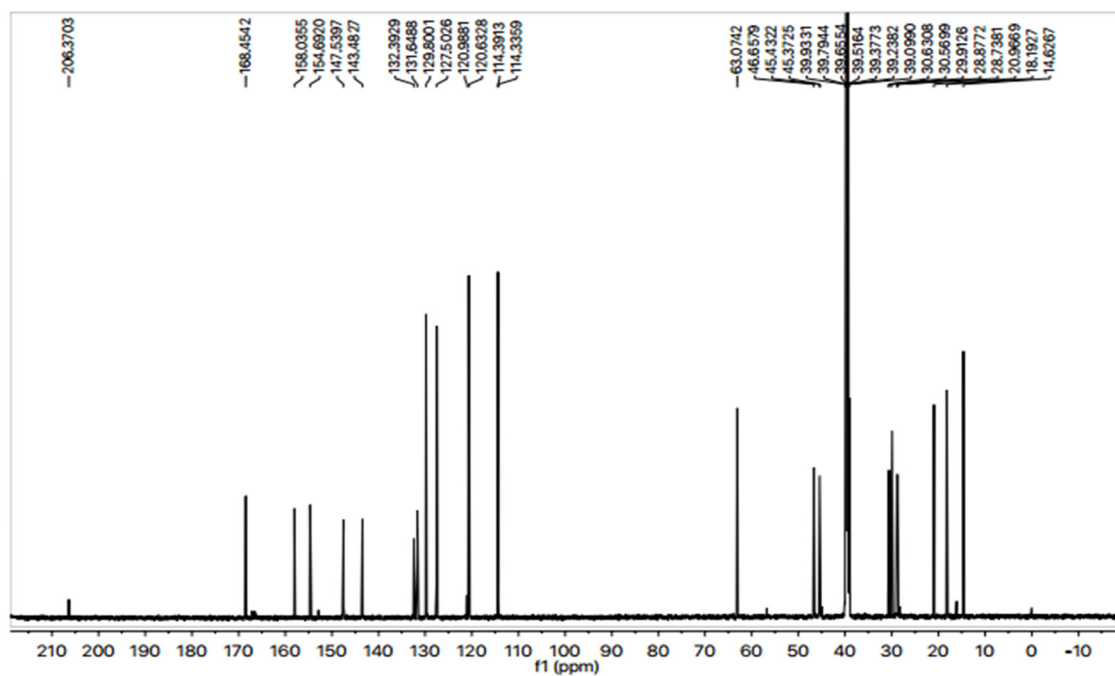


Figure S20: ^{13}C -NMR spectrum of compound **8j**.

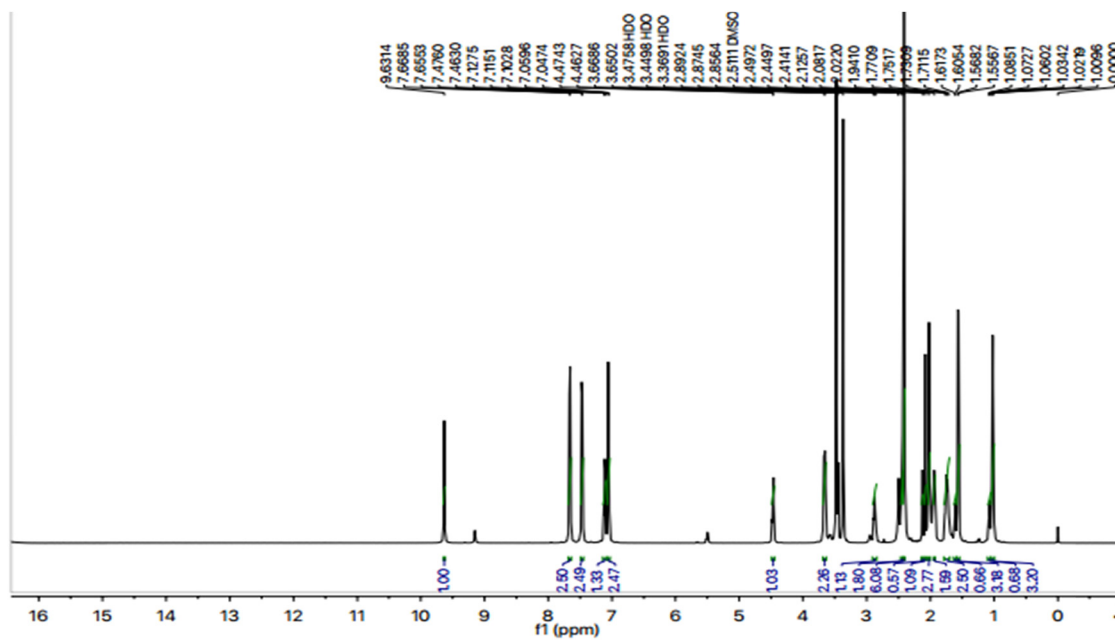
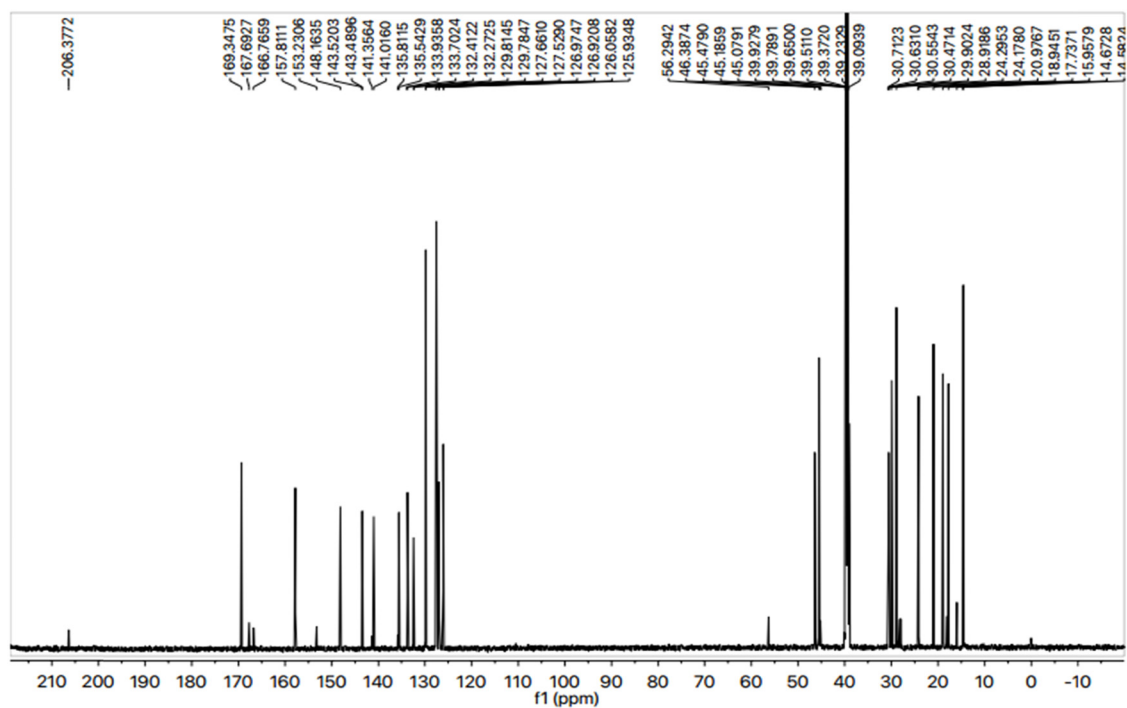
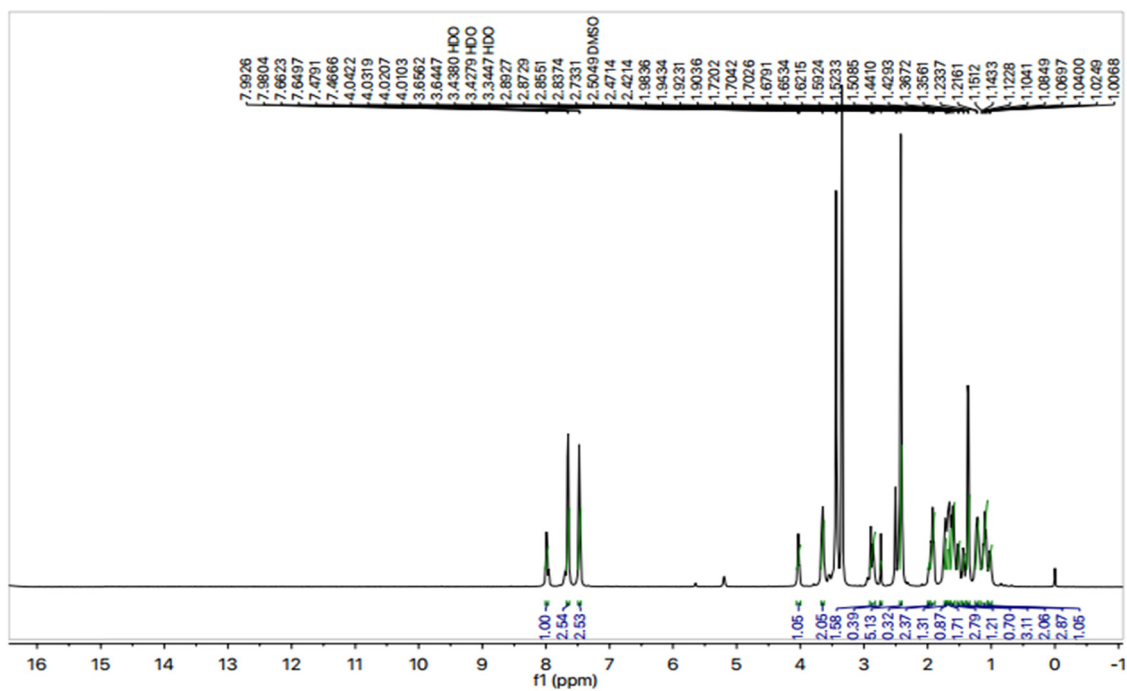


Figure S21: ^1H -NMR spectrum of compound **8k**.

Figure S22: ¹³C-NMR spectrum of compound **8k**.Figure S23: ¹H-NMR spectrum of compound **8l**.

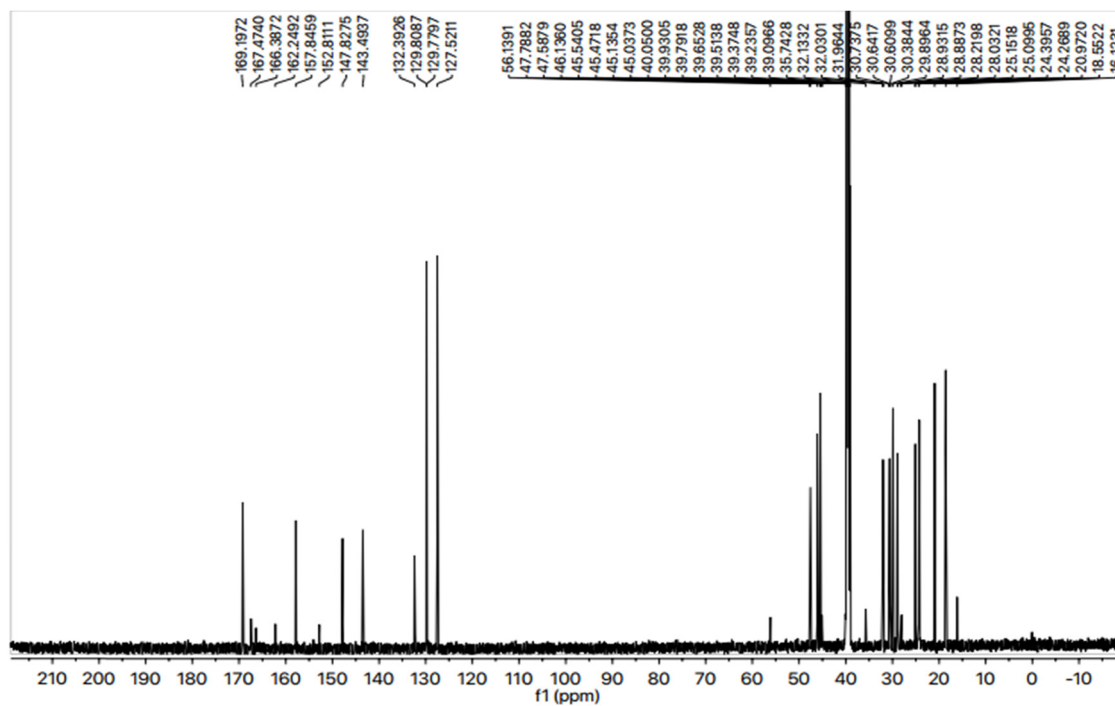


Figure S24: ¹³C-NMR spectrum of compound **8l**.

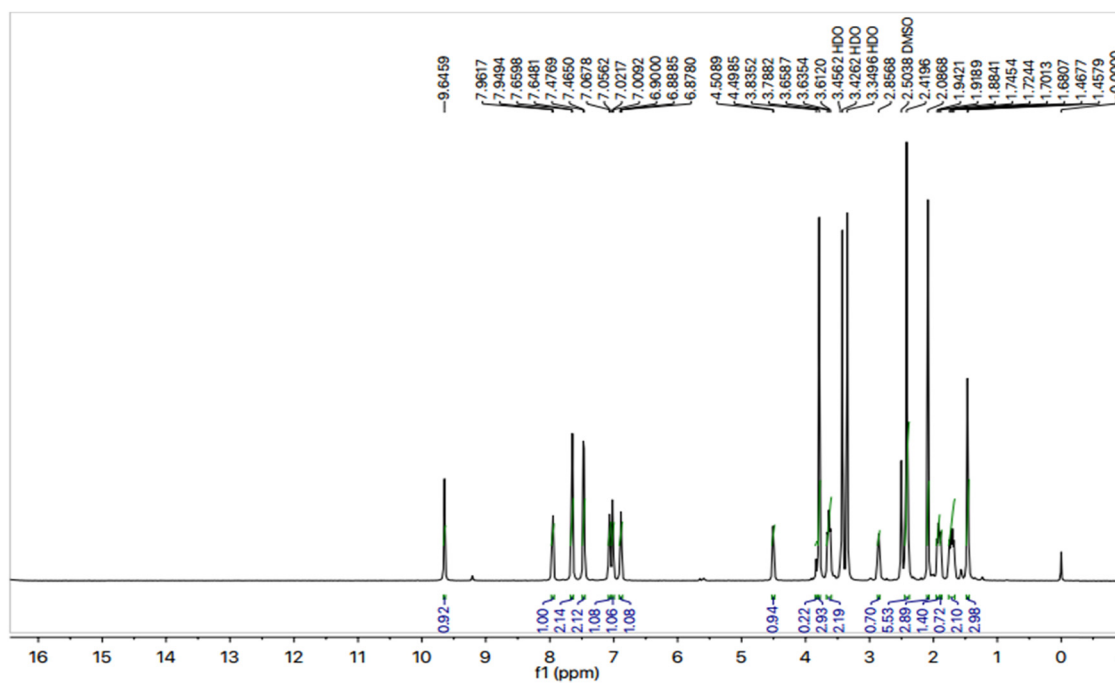


Figure S25: ¹H-NMR spectrum of compound **8m**.

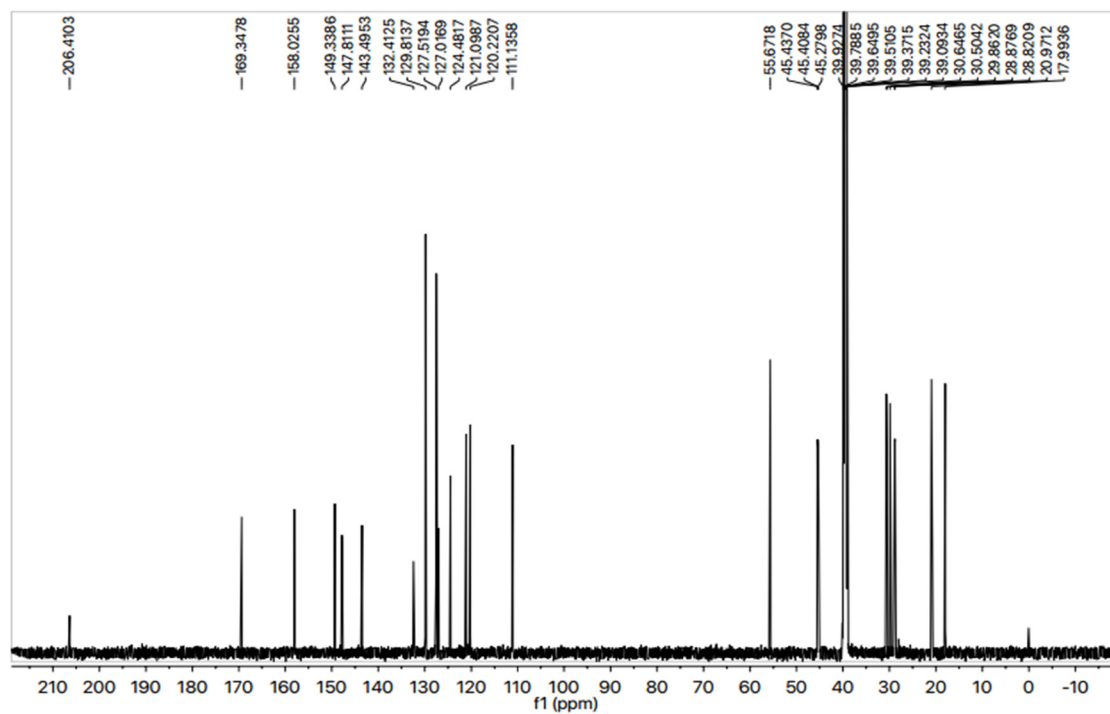


Figure S26: ¹³C-NMR spectrum of compound 8m.

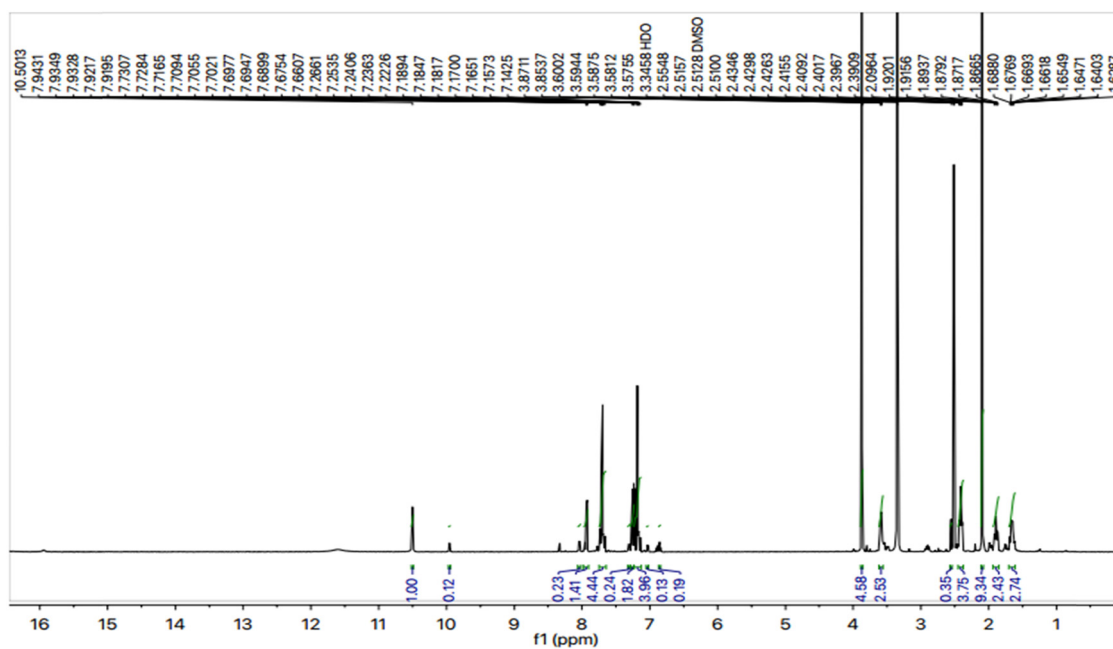


Figure S27: ¹H-NMR spectrum of compound 8n.

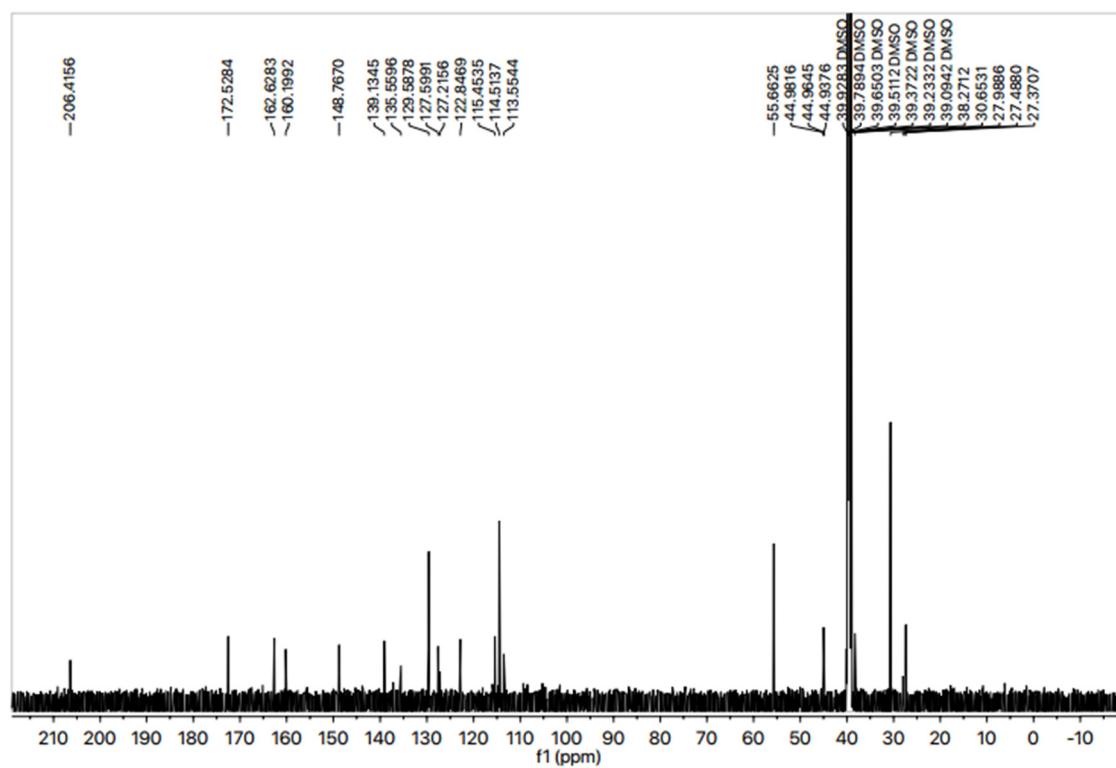


Figure S28: ¹³C-NMR spectrum of compound 8n.