

Aryl diazonium salts and benzene derivatives bearing two electron-donor substituents: chemical and mechanistic behaviour

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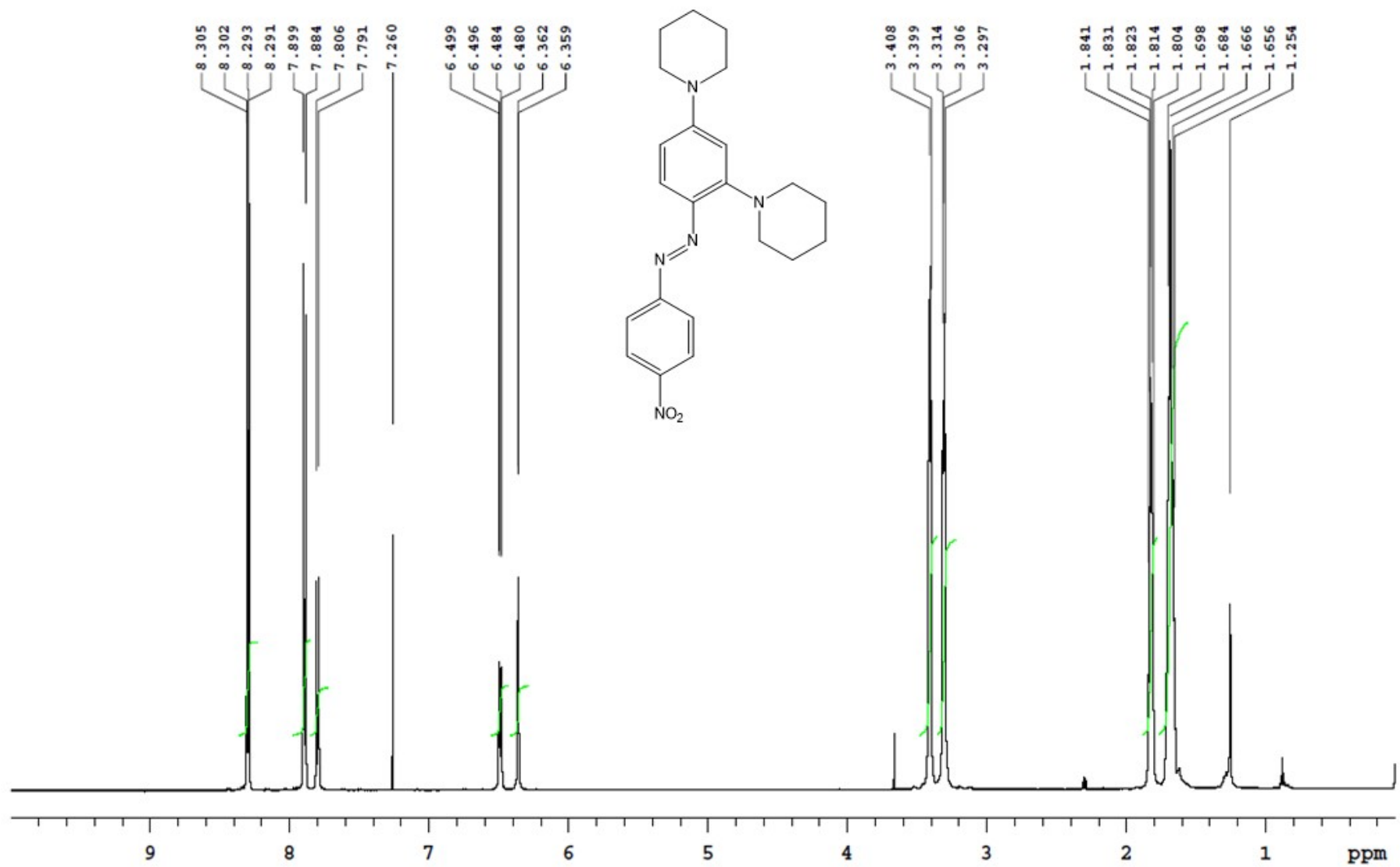


Fig. S1: ¹H-NMR spectrum of compound 6a in CDCl₃.

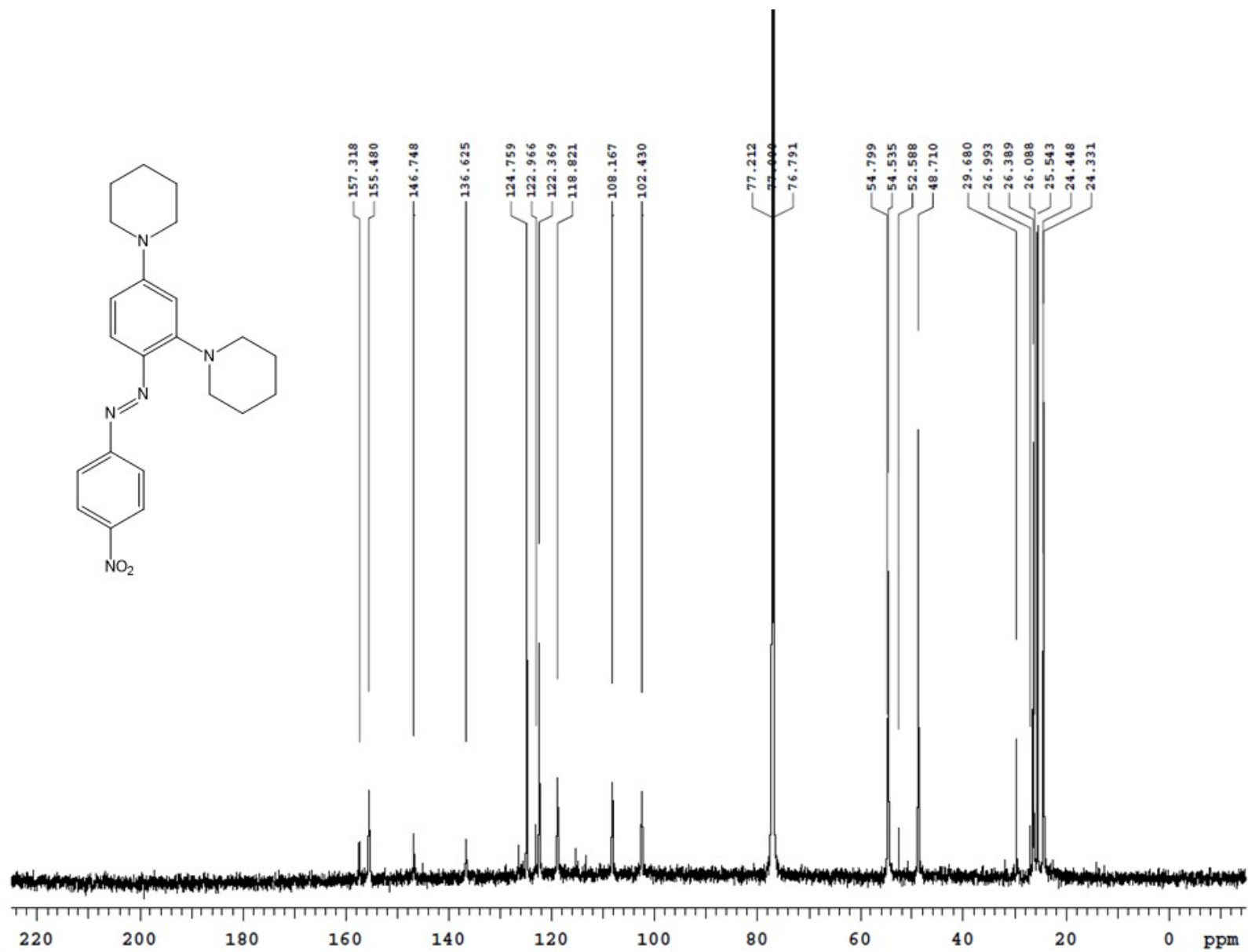


Fig. S2: ^{13}C -NMR spectrum of compound 6a in CDCl_3 .

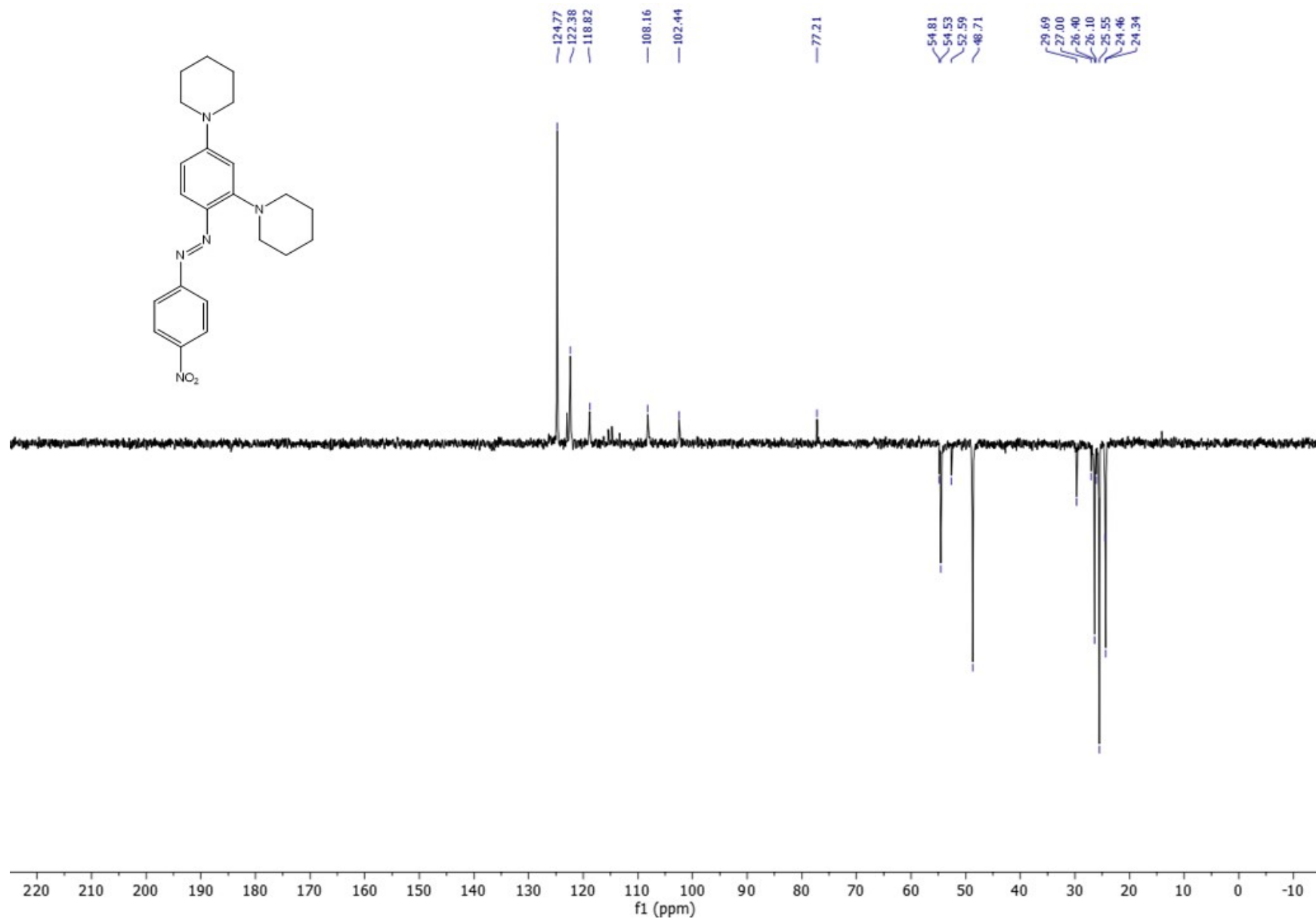


Fig. S3: DEPT spectrum of compound **6a** in CDCl₃.

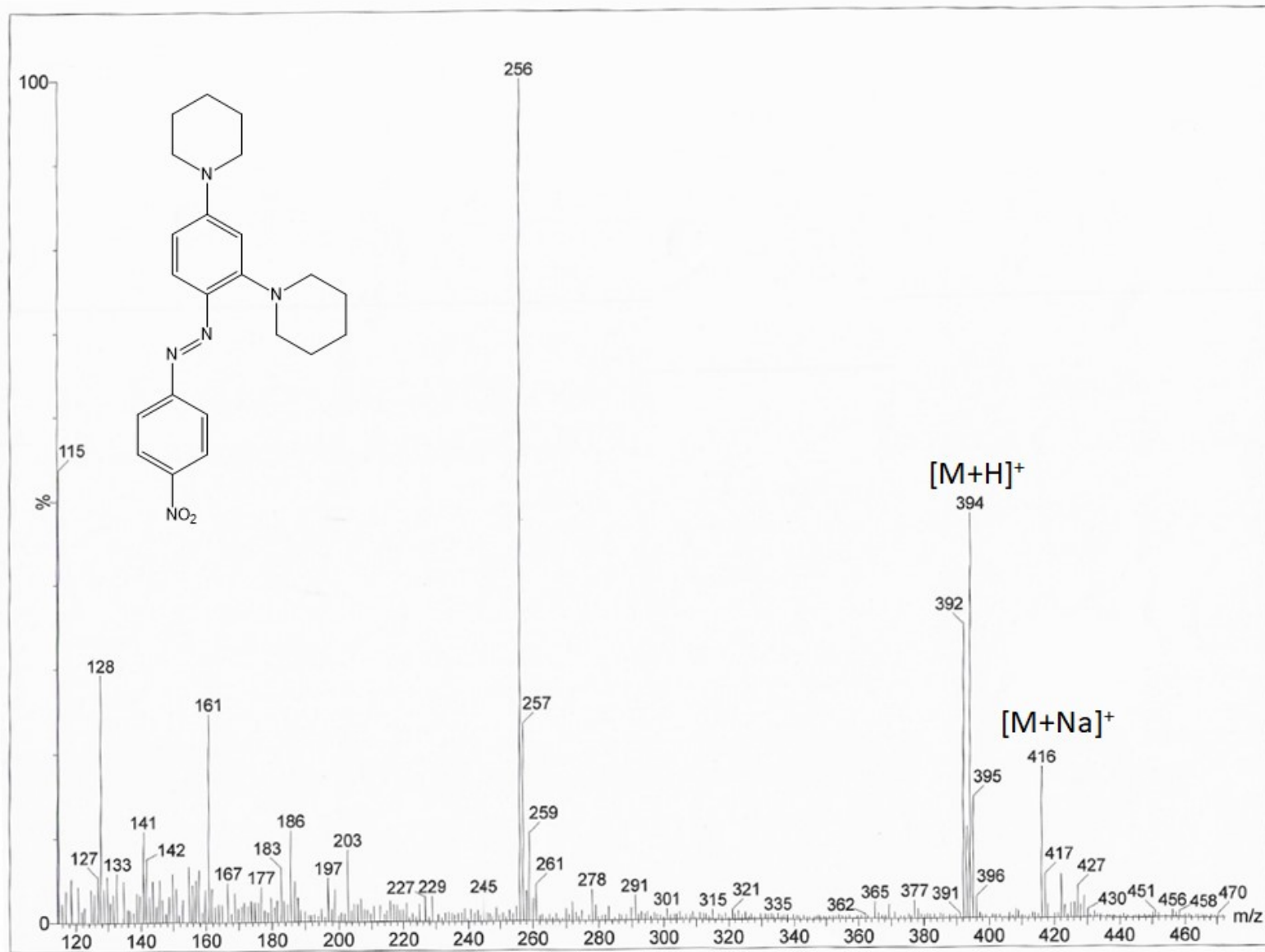


Fig. S4: ESI-MS⁺ (*m/z*) spectrum of compound 6a.

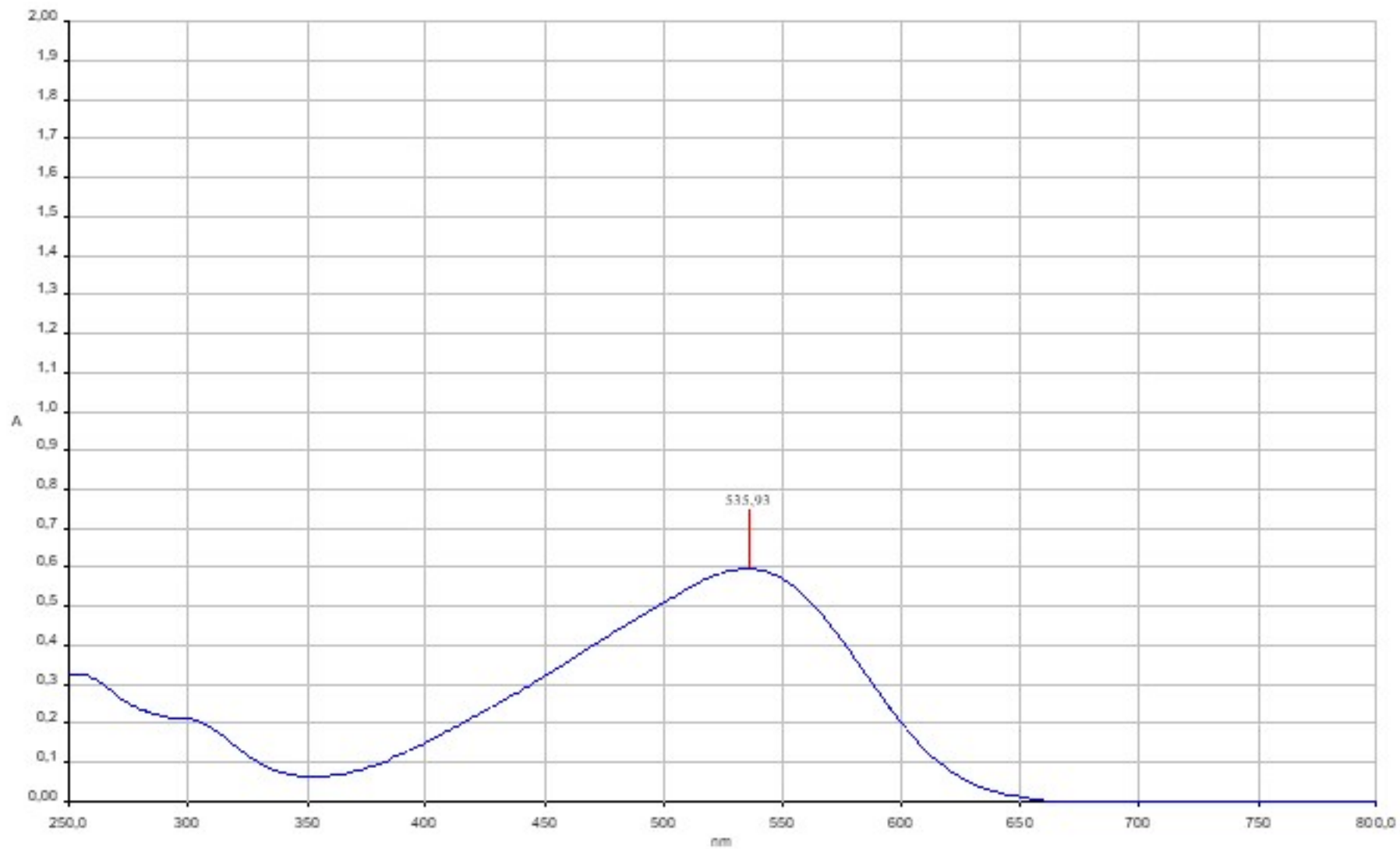


Fig. S5: UV-Vis spectrum of compound 6a in CHCl₃.

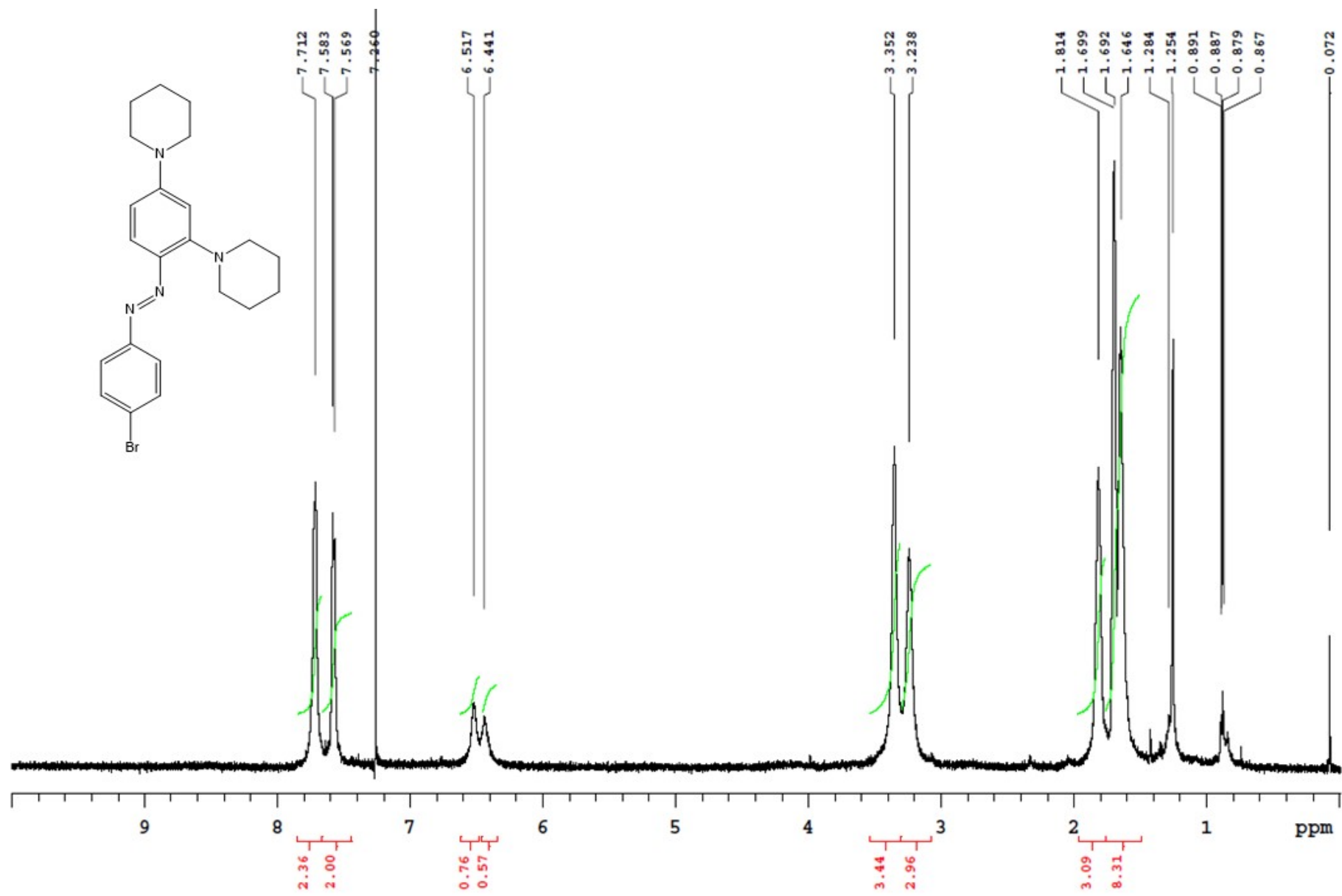


Fig. S6: ¹H-NMR spectrum of compound 6b in CDCl₃.

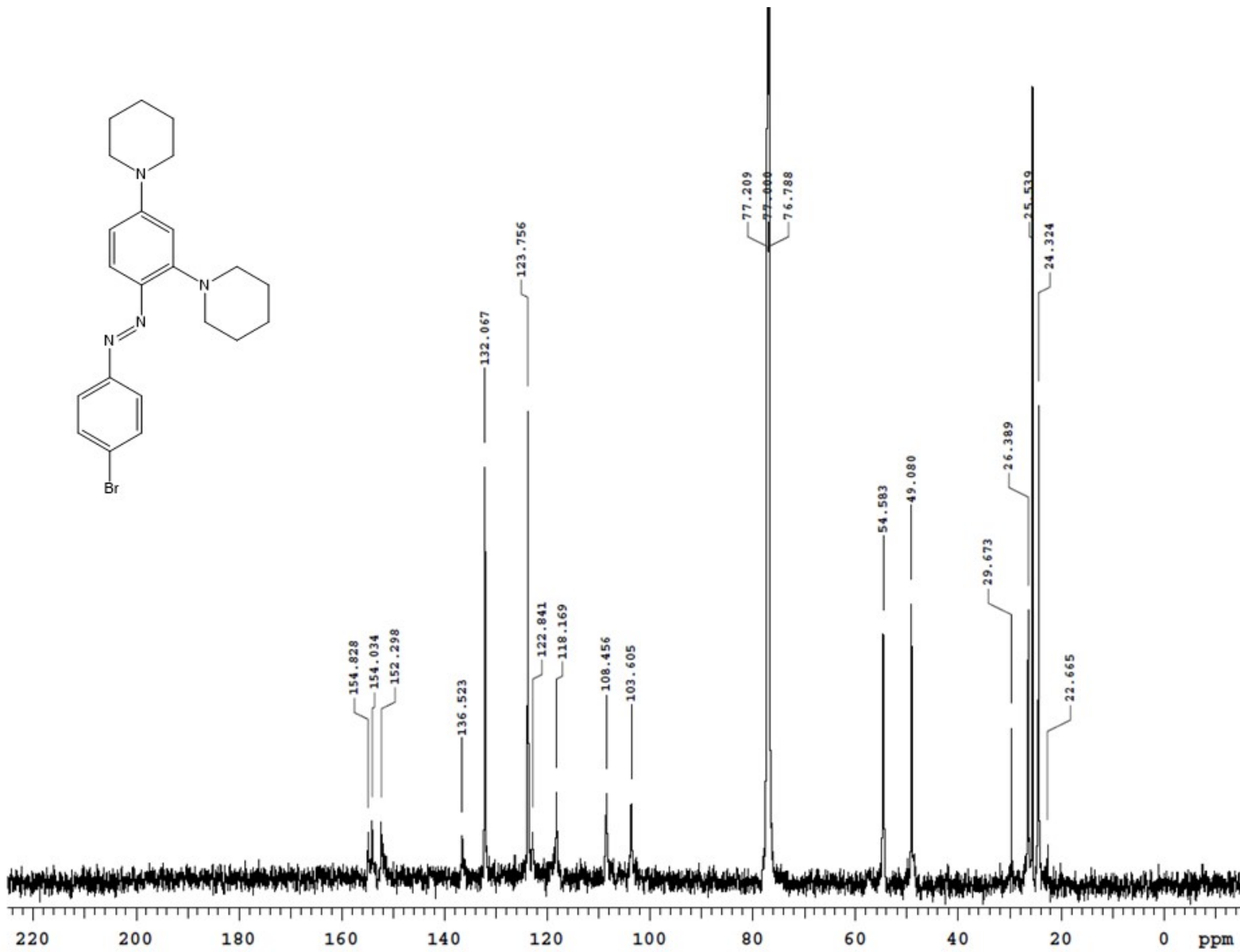


Fig. S7: ¹³C-NMR spectrum of compound **6b** in CDCl₃.

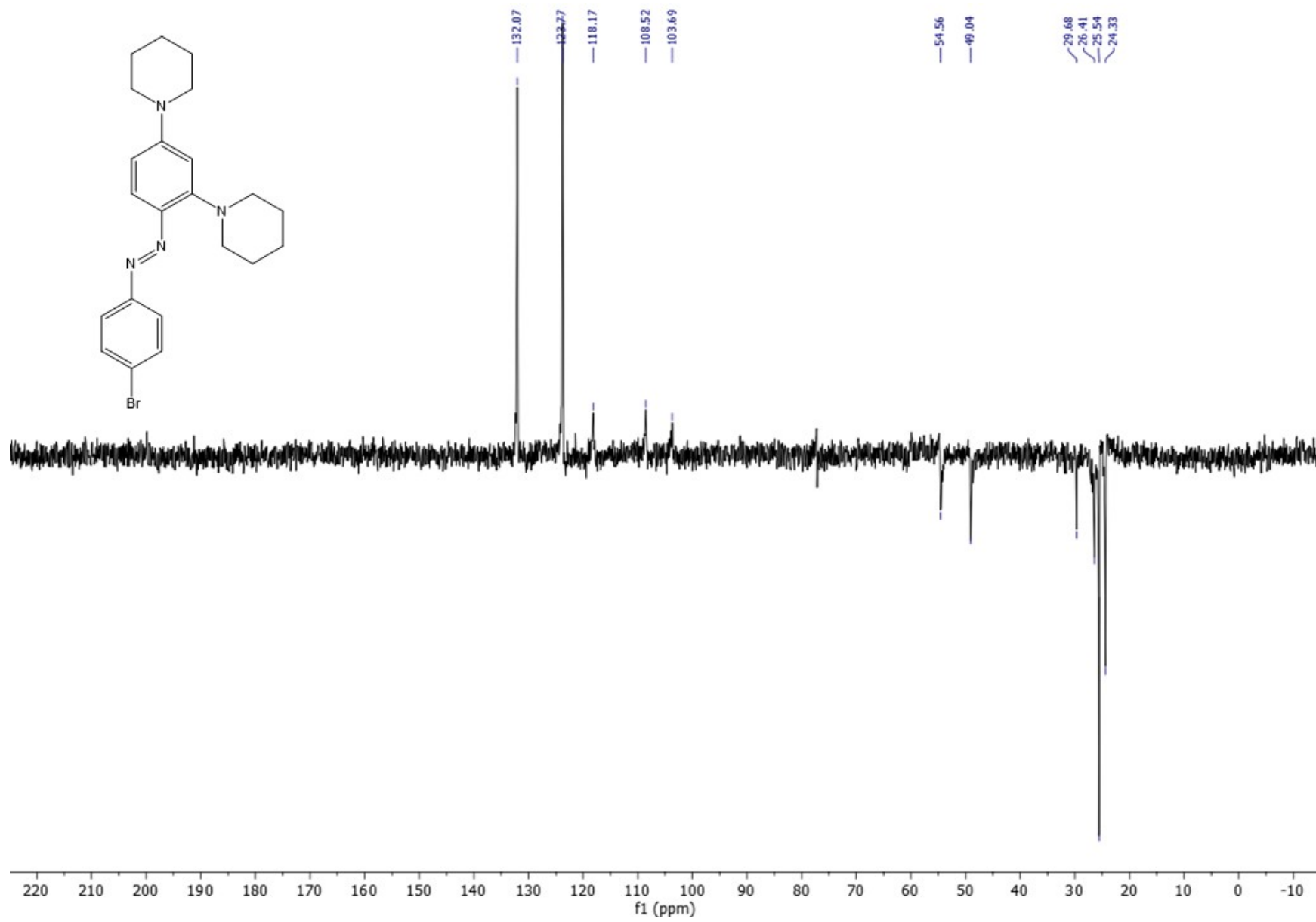


Fig. S8: DEPT spectrum of compound **6b** in CDCl₃.

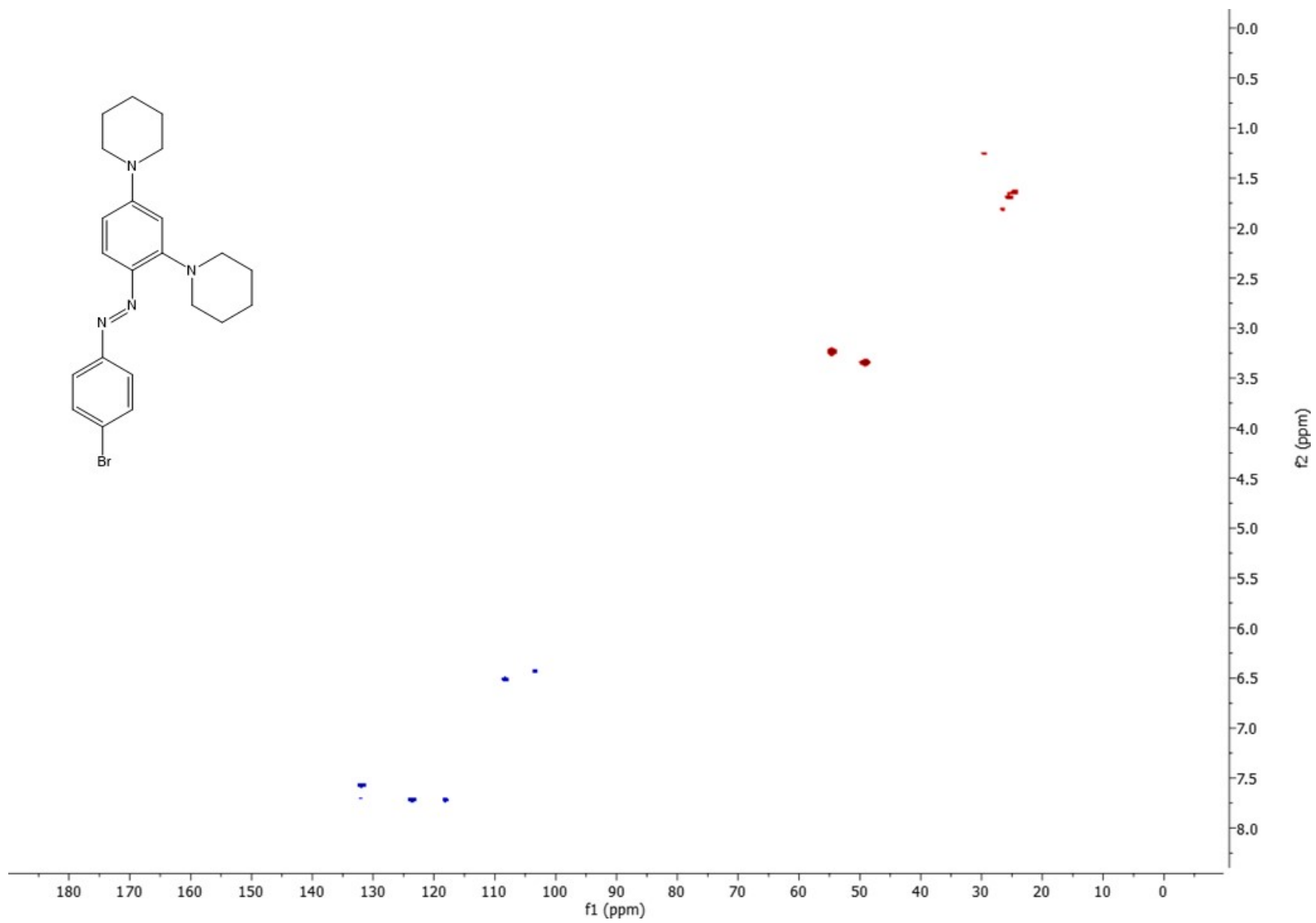


Fig. S9: HSQC spectrum of compound **6b** in CDCl₃.

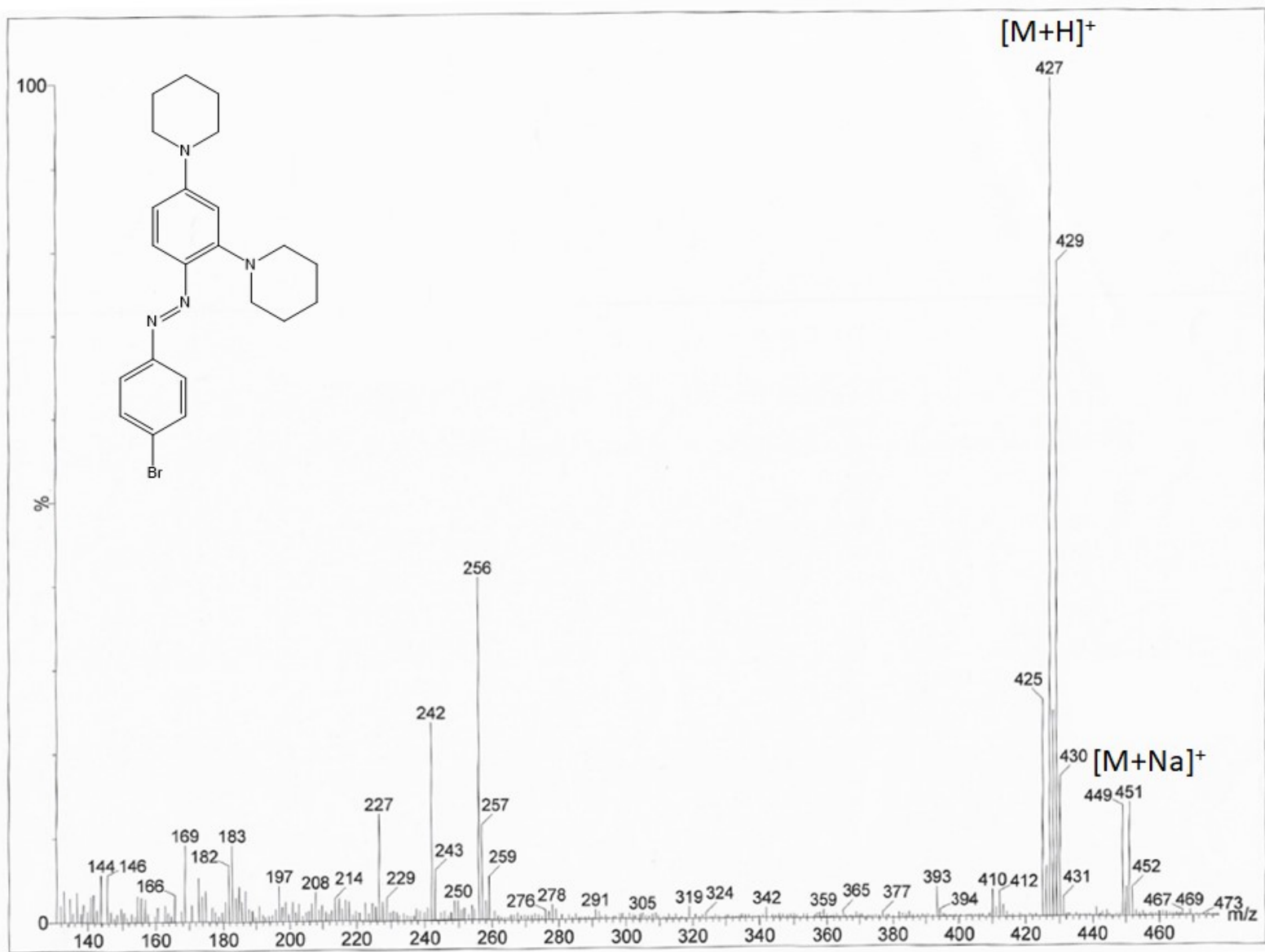


Fig. S10: ESI-MS⁺ (m/z) spectrum of compound 6b.

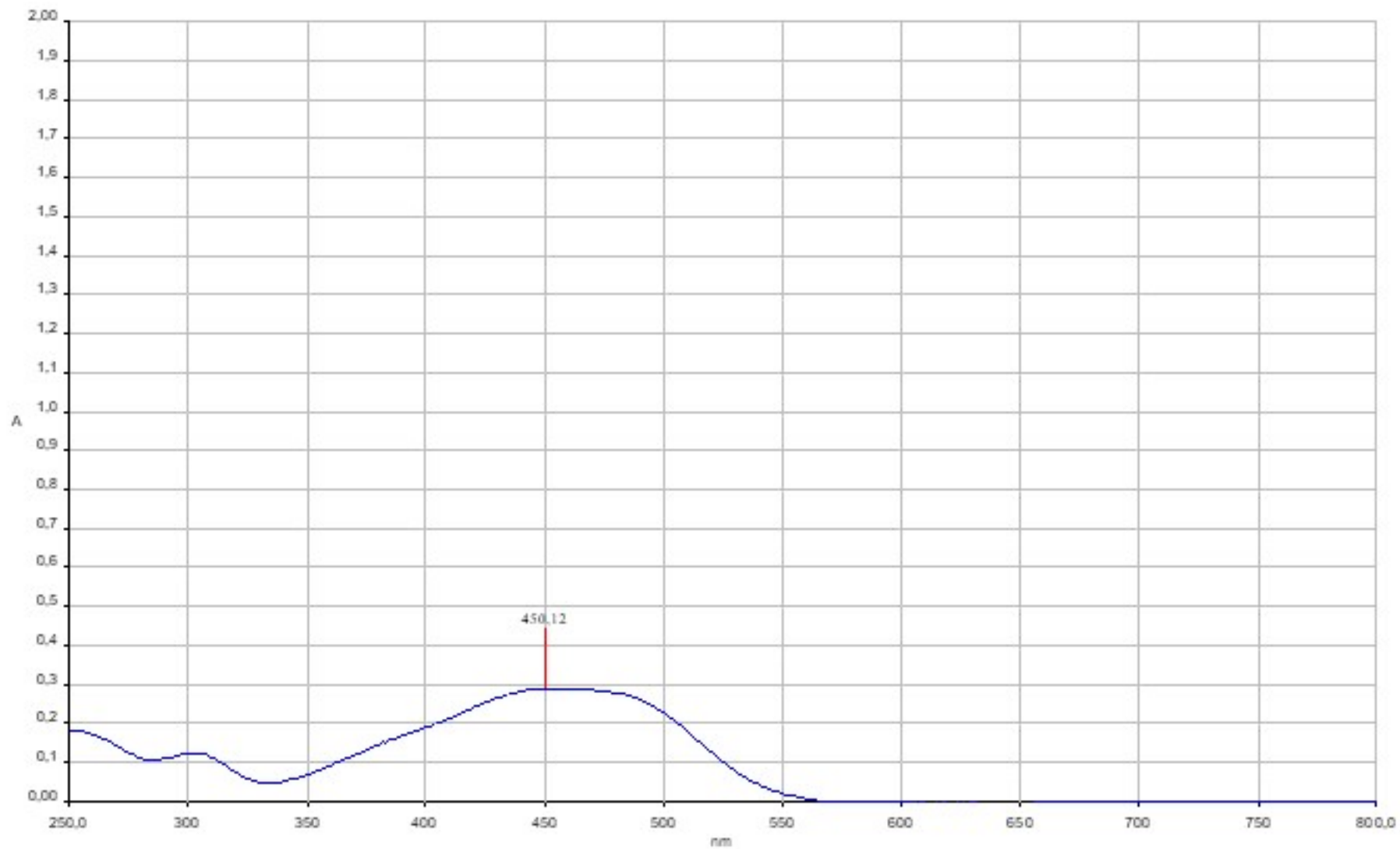


Fig. S11: UV-Vis spectrum of compound **6b** in CHCl_3 .

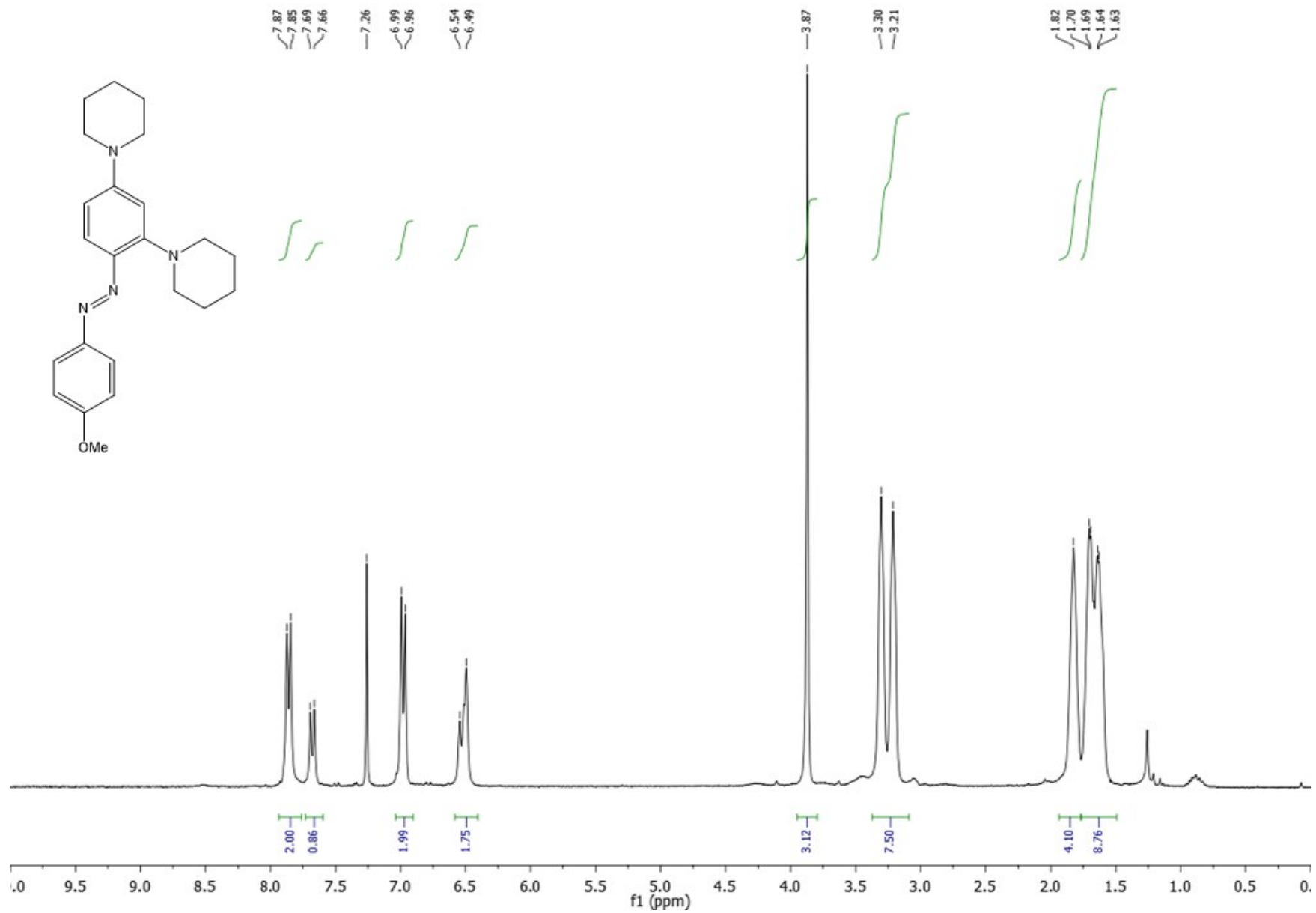


Fig. S12: ¹H-NMR spectrum of compound 6c in CDCl₃.

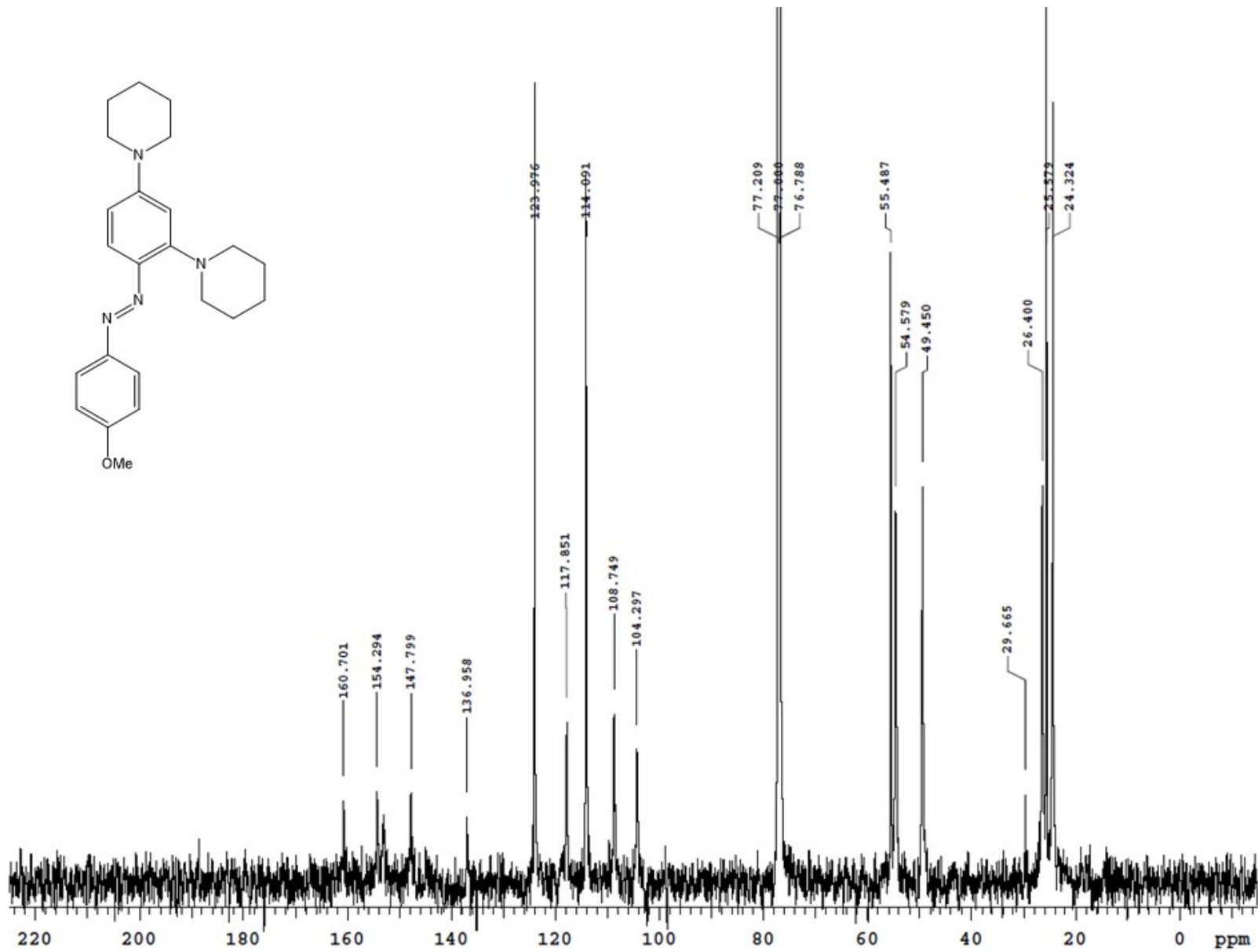


Fig. S13: ¹³C-NMR spectrum of compound **6c** in CDCl₃.

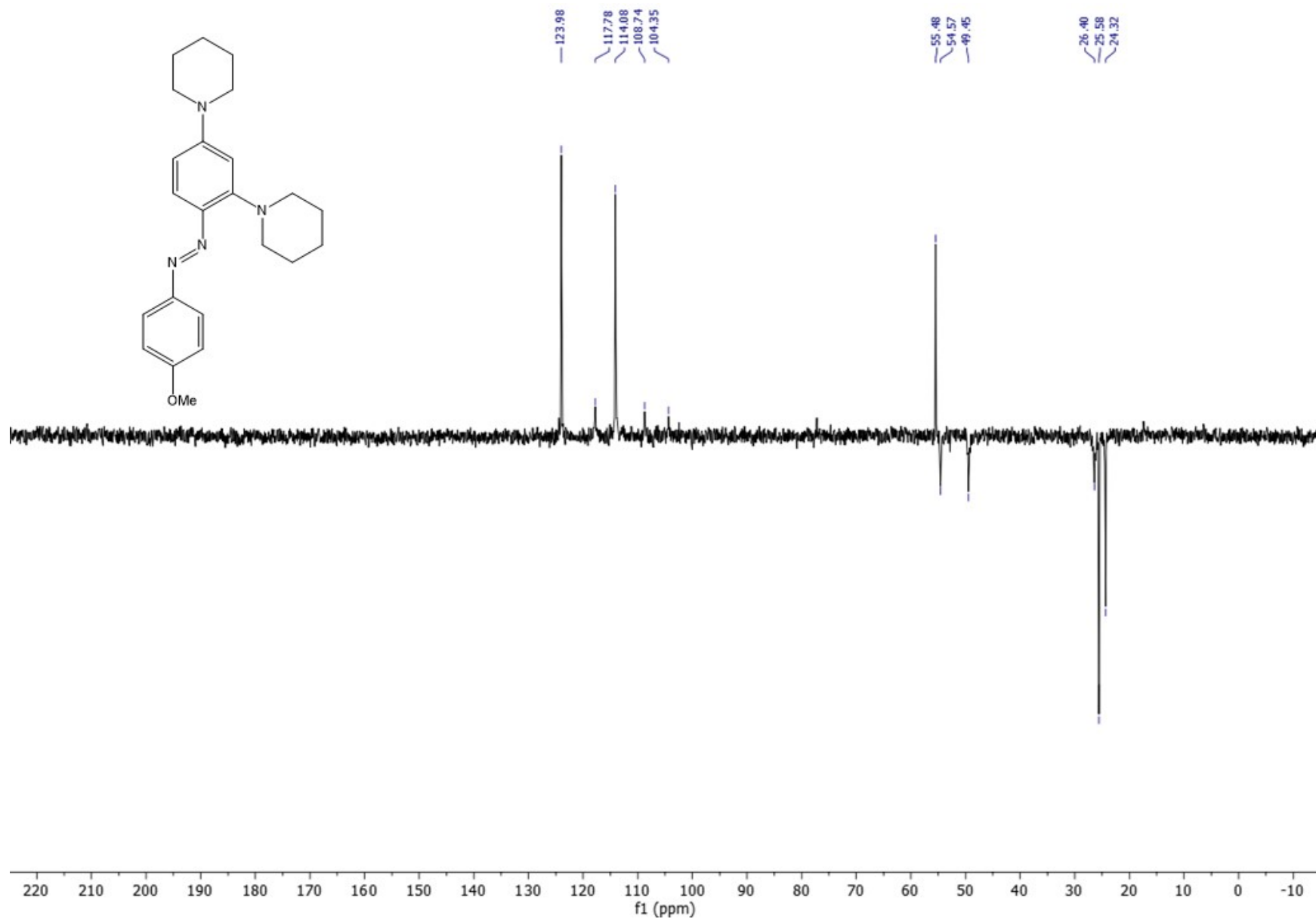


Fig. S14: DEPT spectrum of compound 6c in CDCl₃.

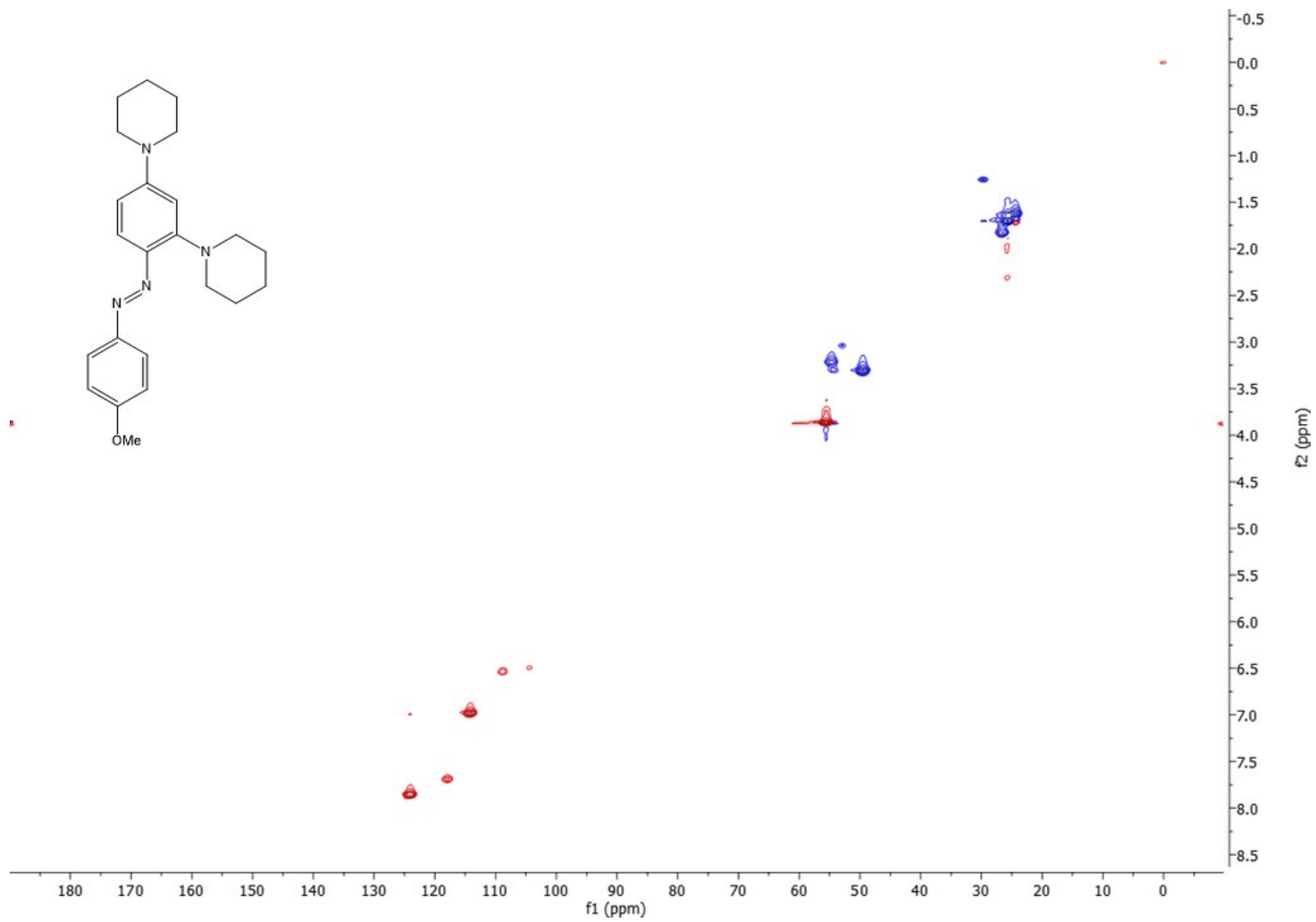


Fig. S15: HSQC-NMR spectrum of compound **6c** in CDCl₃.

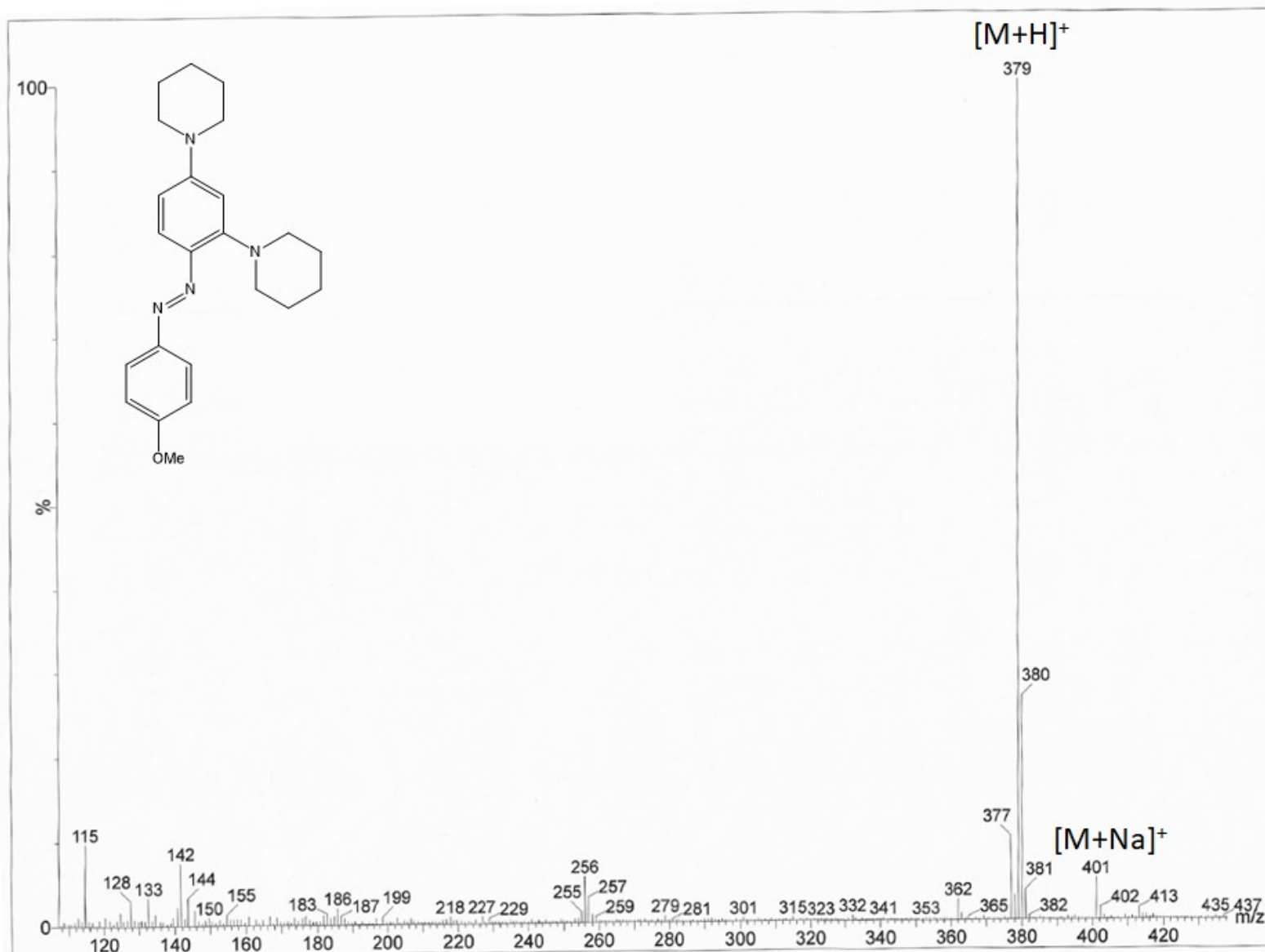


Fig. S16: ESI-MS⁺ (*m/z*) spectrum of compound 6c.

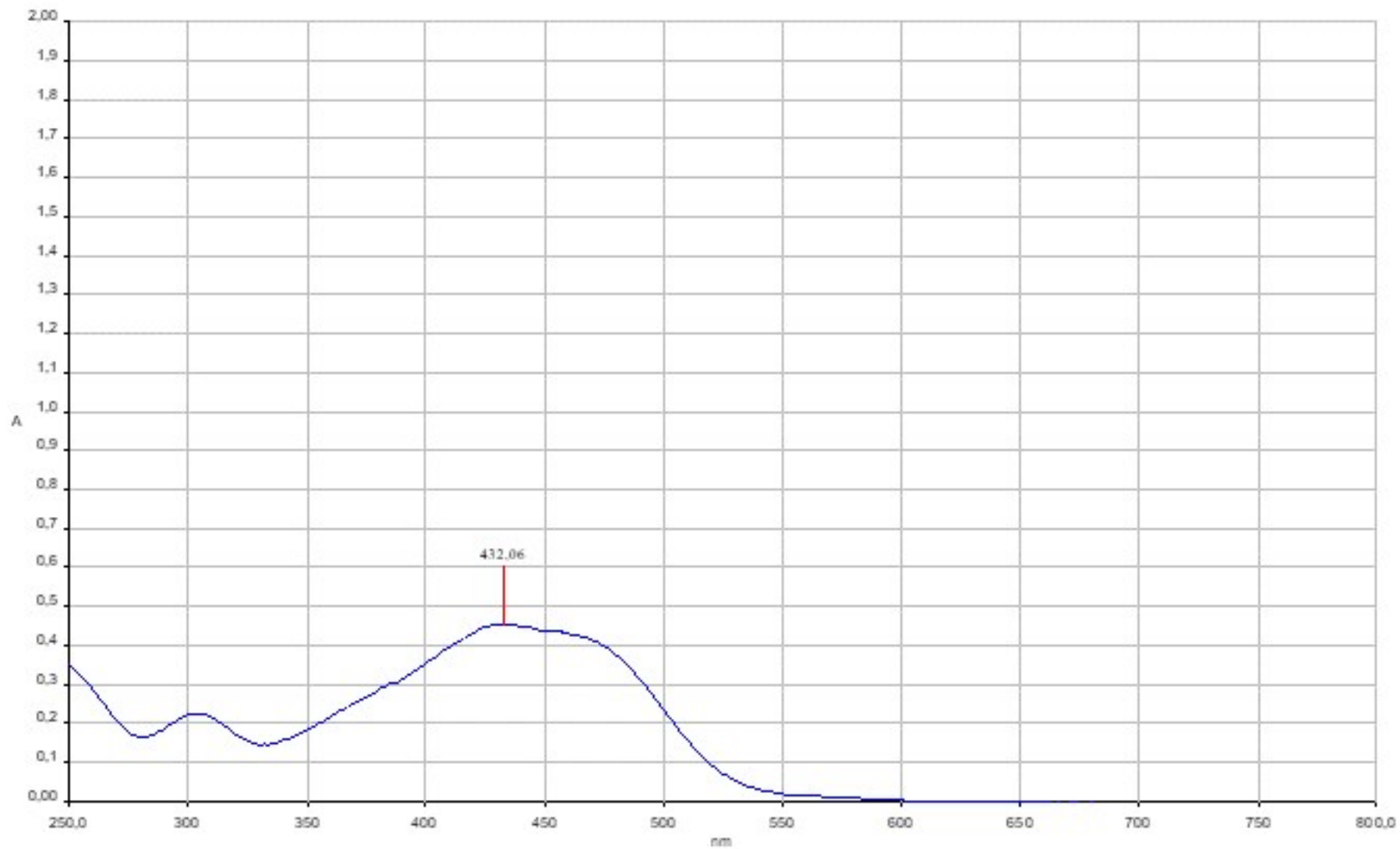


Fig. S17: UV-Vis spectrum of compound **6c** in CHCl₃.

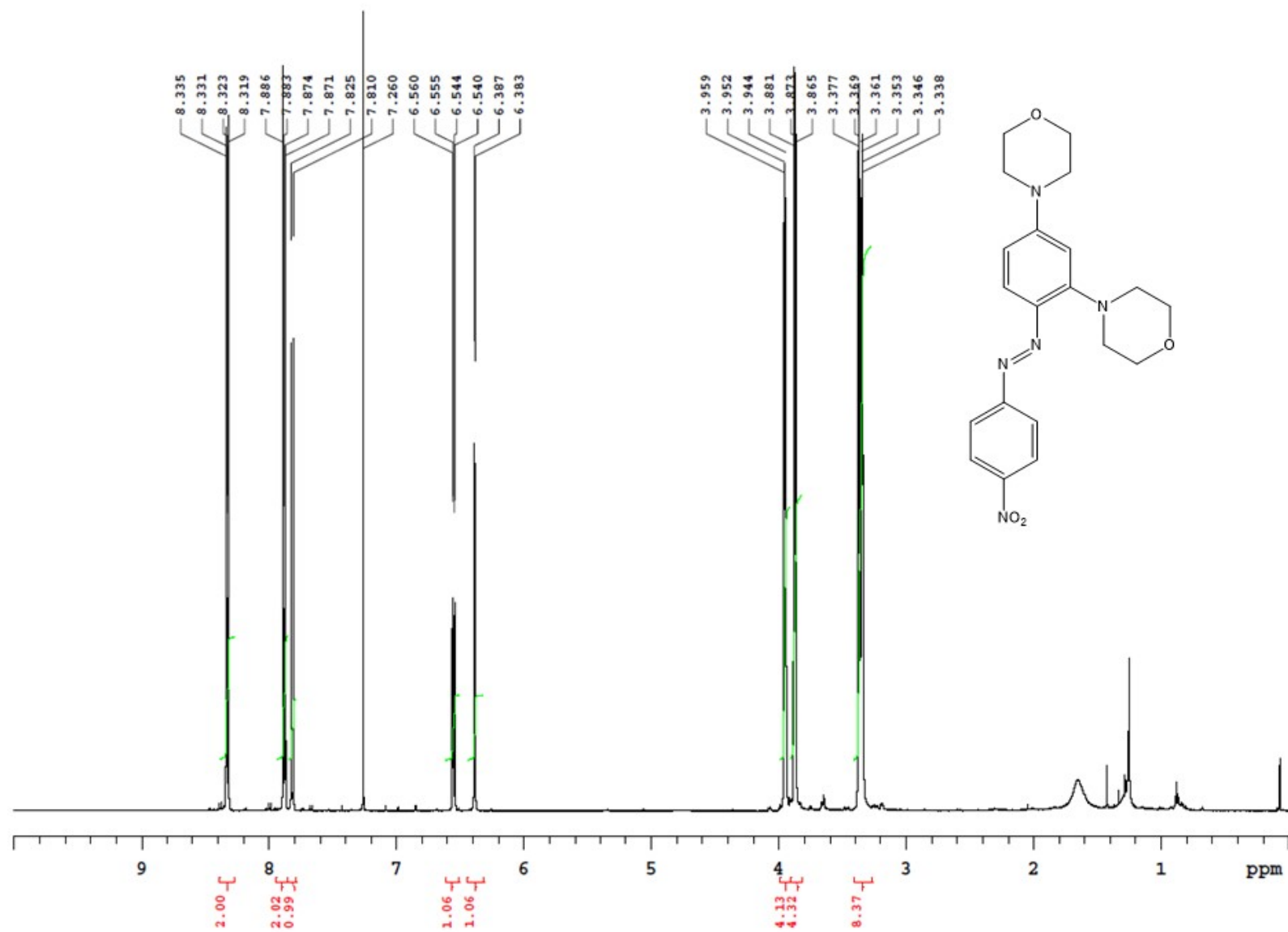


Fig. S18: ¹H-NMR spectrum of compound 7a in CDCl₃.

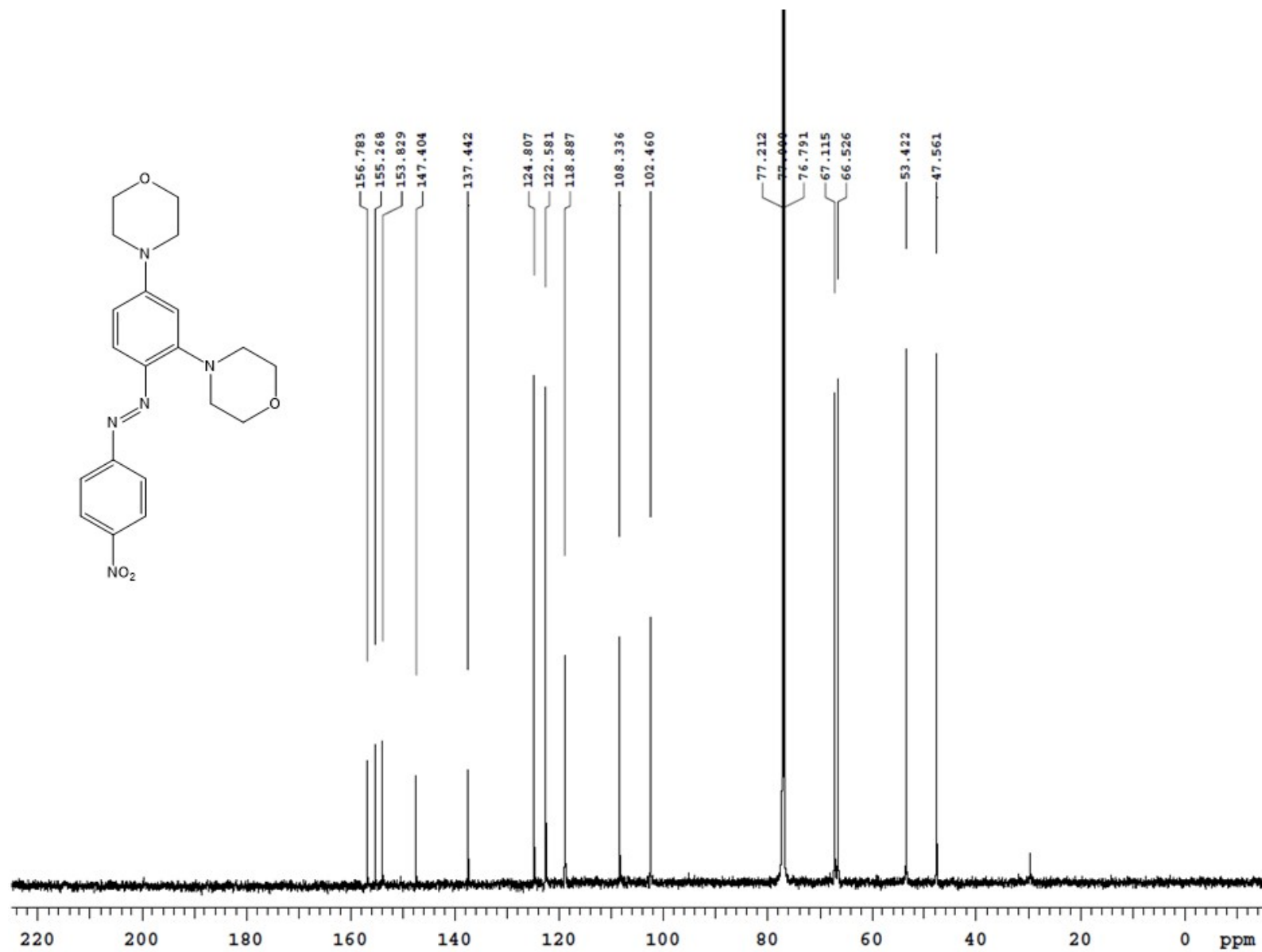


Fig. S19: ^{13}C -NMR spectrum of compound 7a in CDCl_3 .

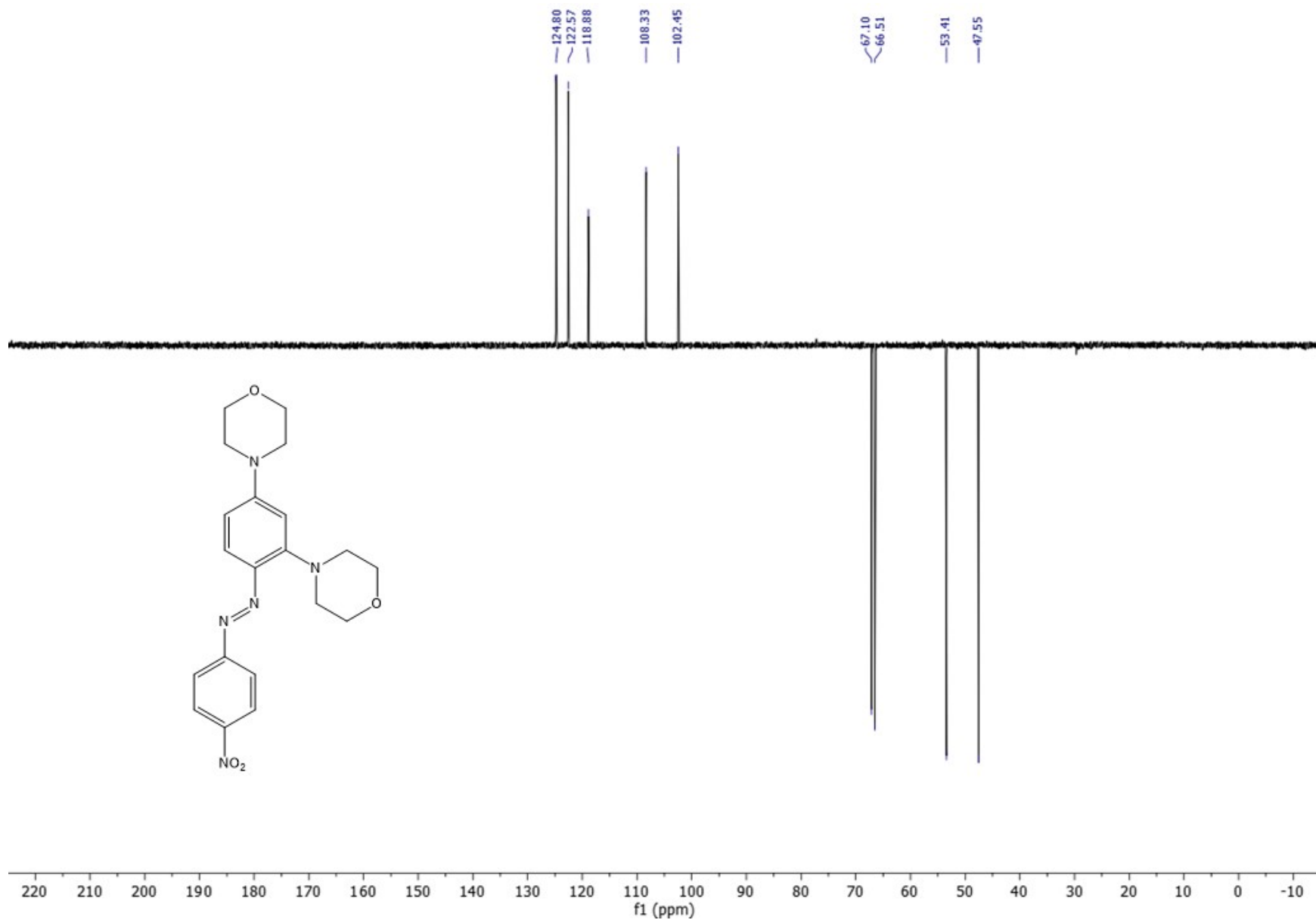


Fig. S20: DEPT spectrum of compound 7a in CDCl₃.

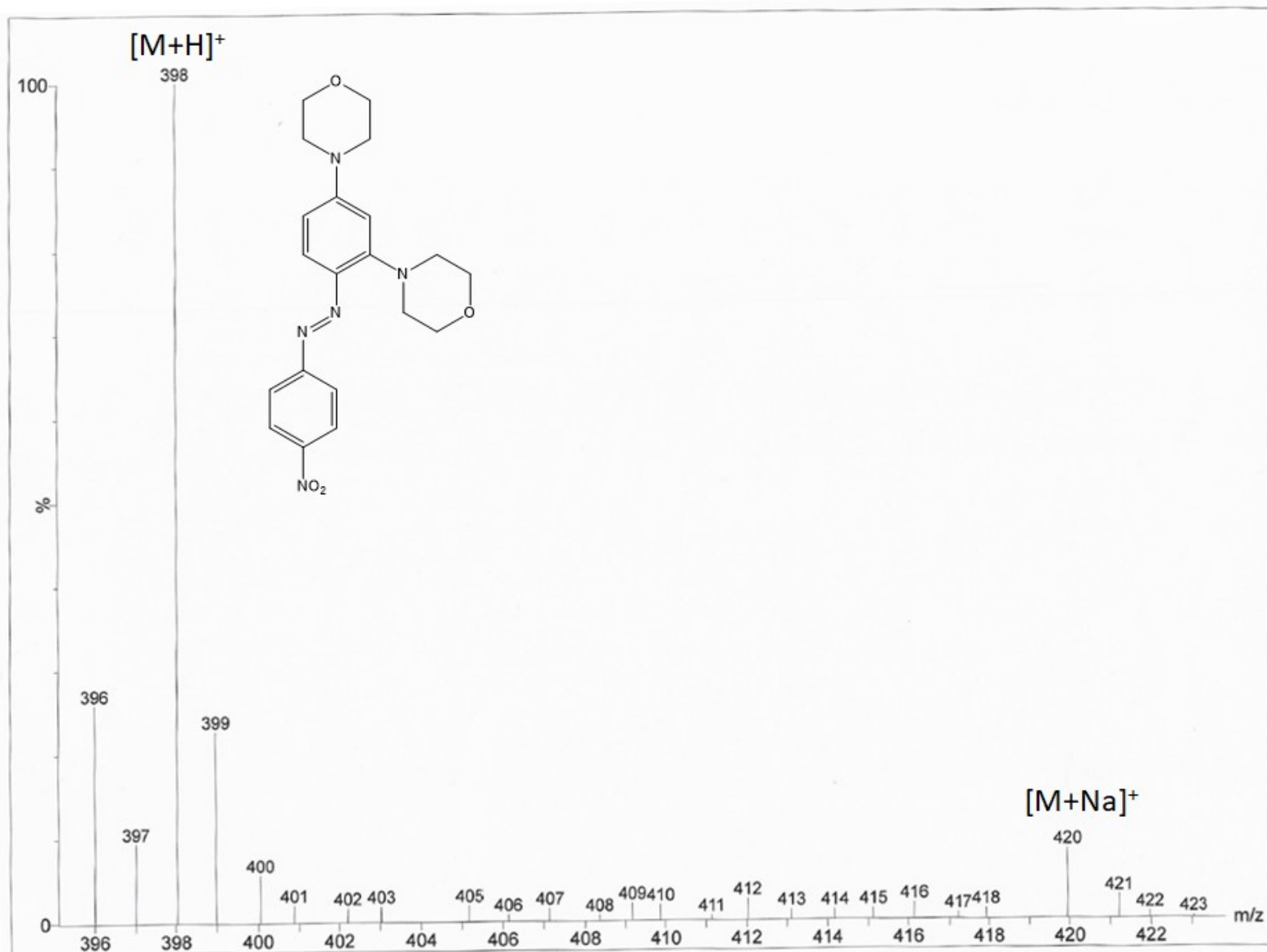


Fig. S21: ESI-MS⁺ (*m/z*) spectrum of compound 7a.

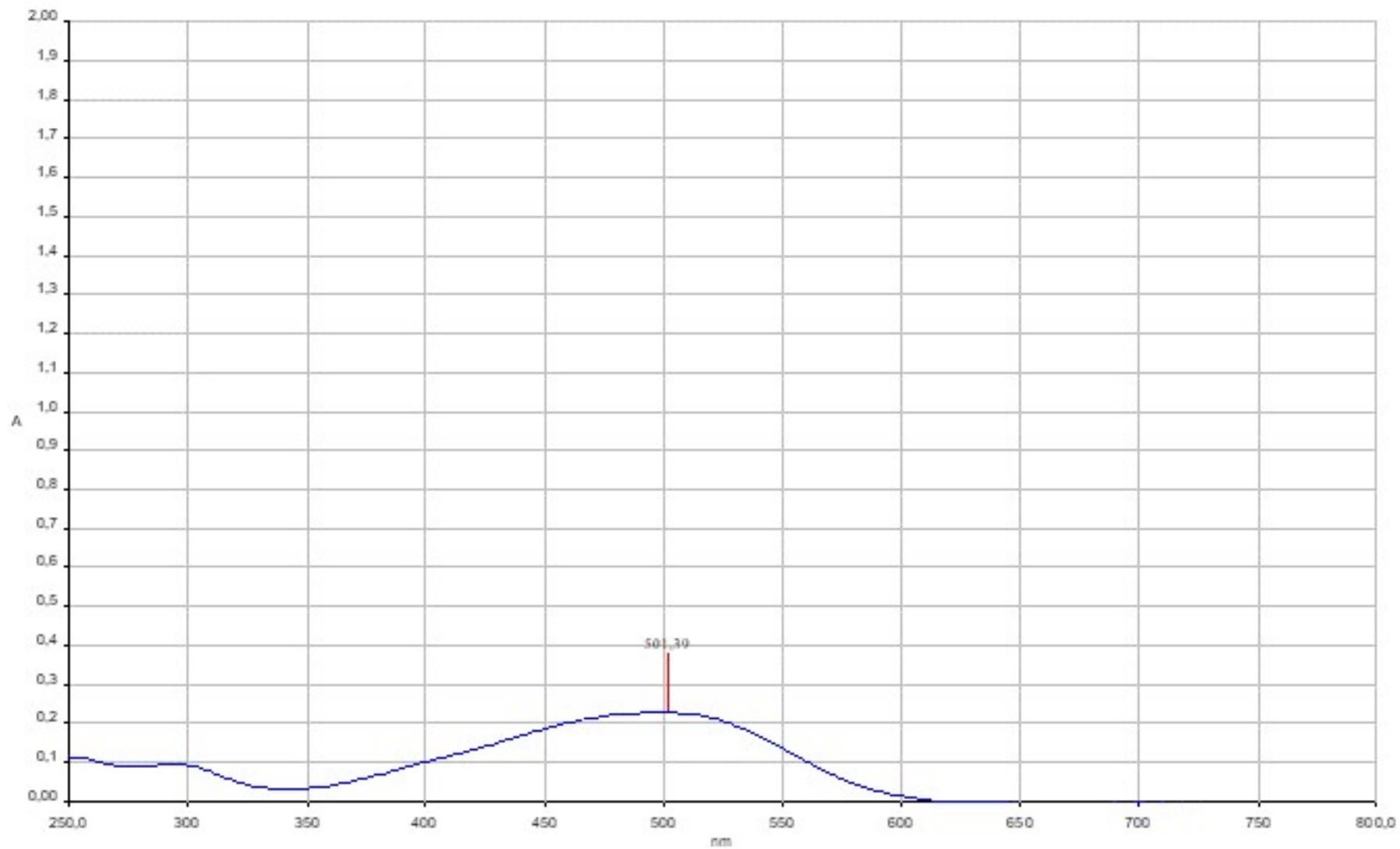


Fig. S22: UV-Vis spectrum of compound **7a** in CHCl₃.

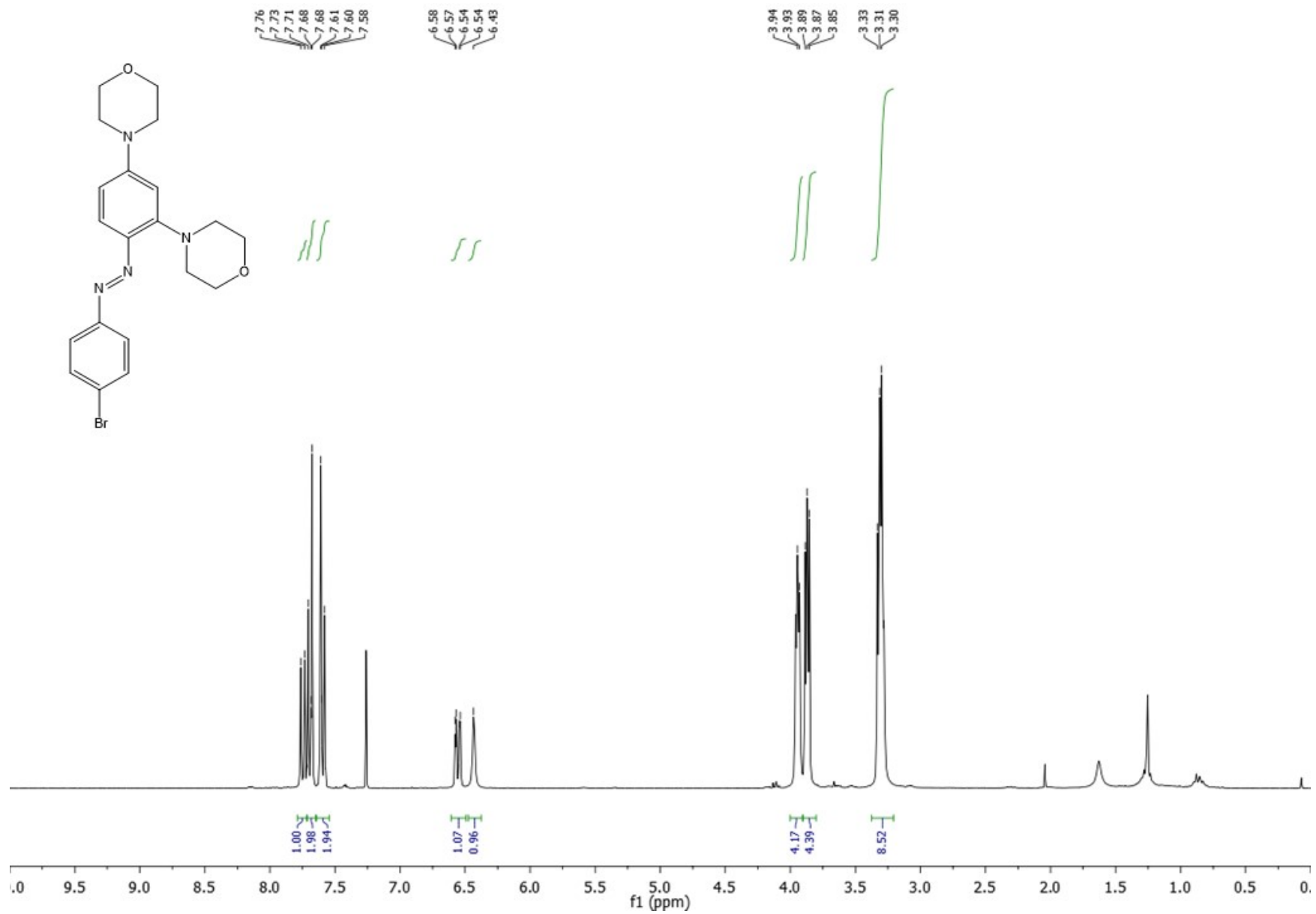


Fig. S23: $^1\text{H-NMR}$ spectrum of compound **7b** in CDCl_3 .

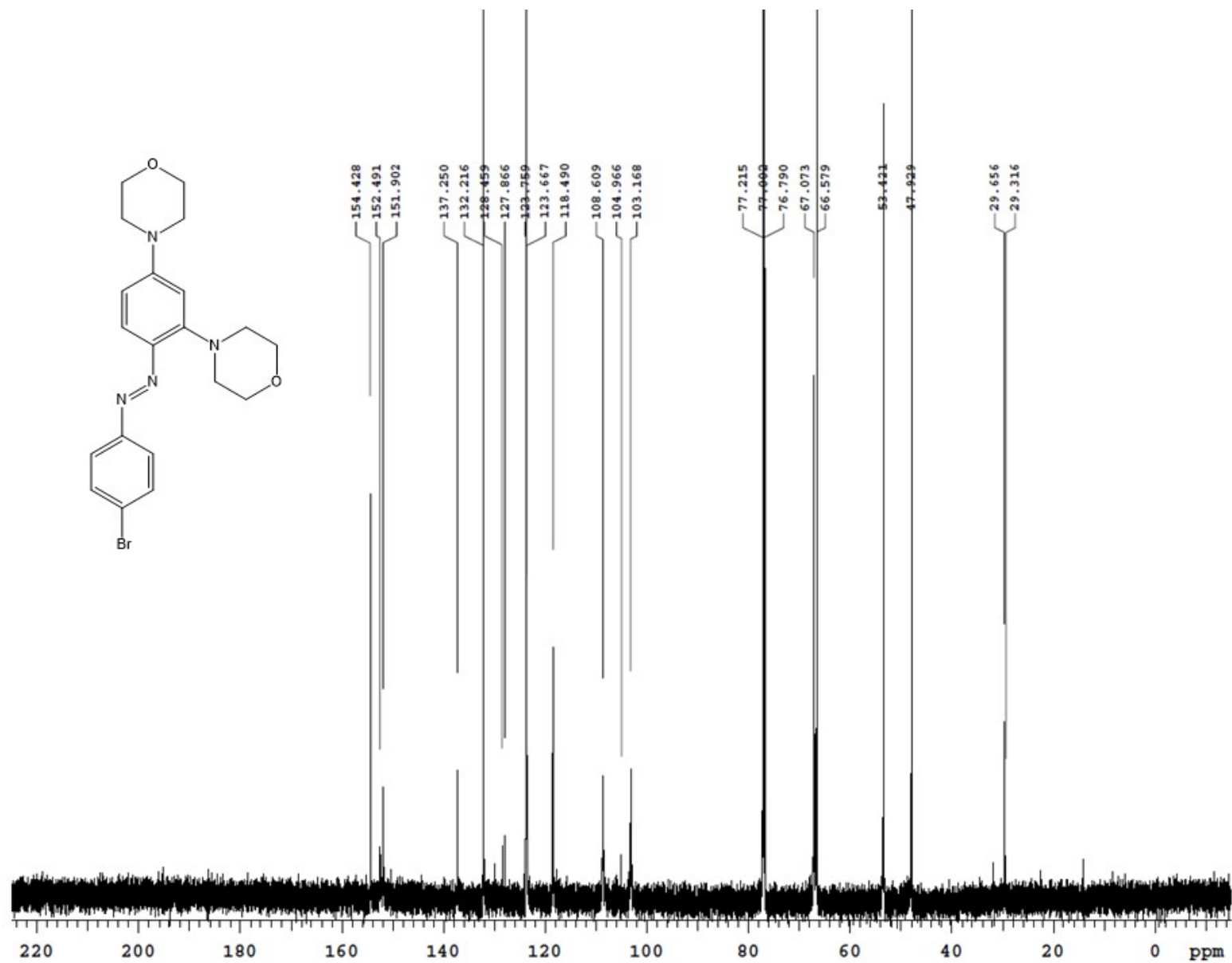


Fig. S24: $^{13}\text{C-NMR}$ spectrum of compound **7b** in CDCl_3 .

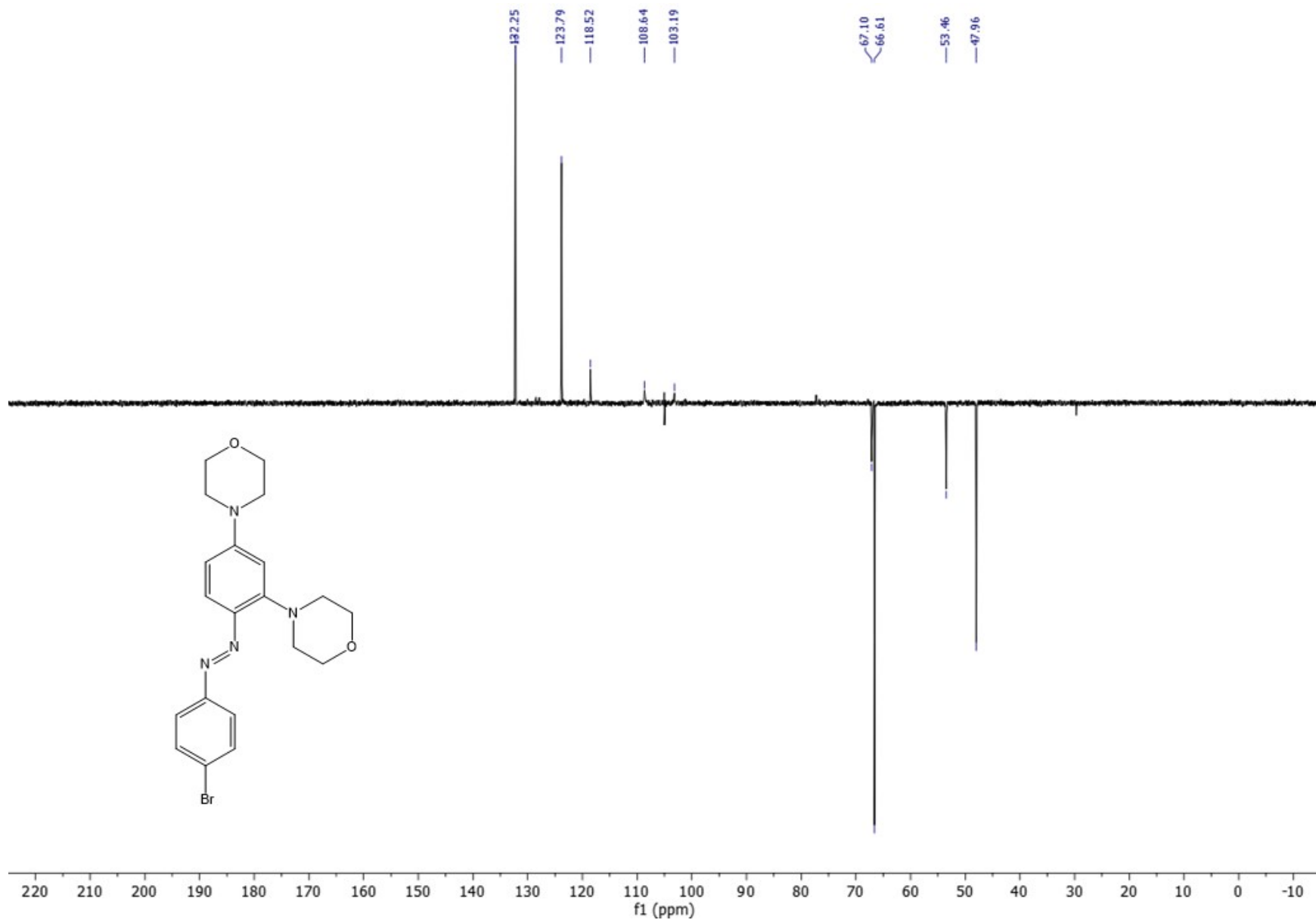


Fig. S25: DEPT spectrum of compound **7b** in CDCl₃.

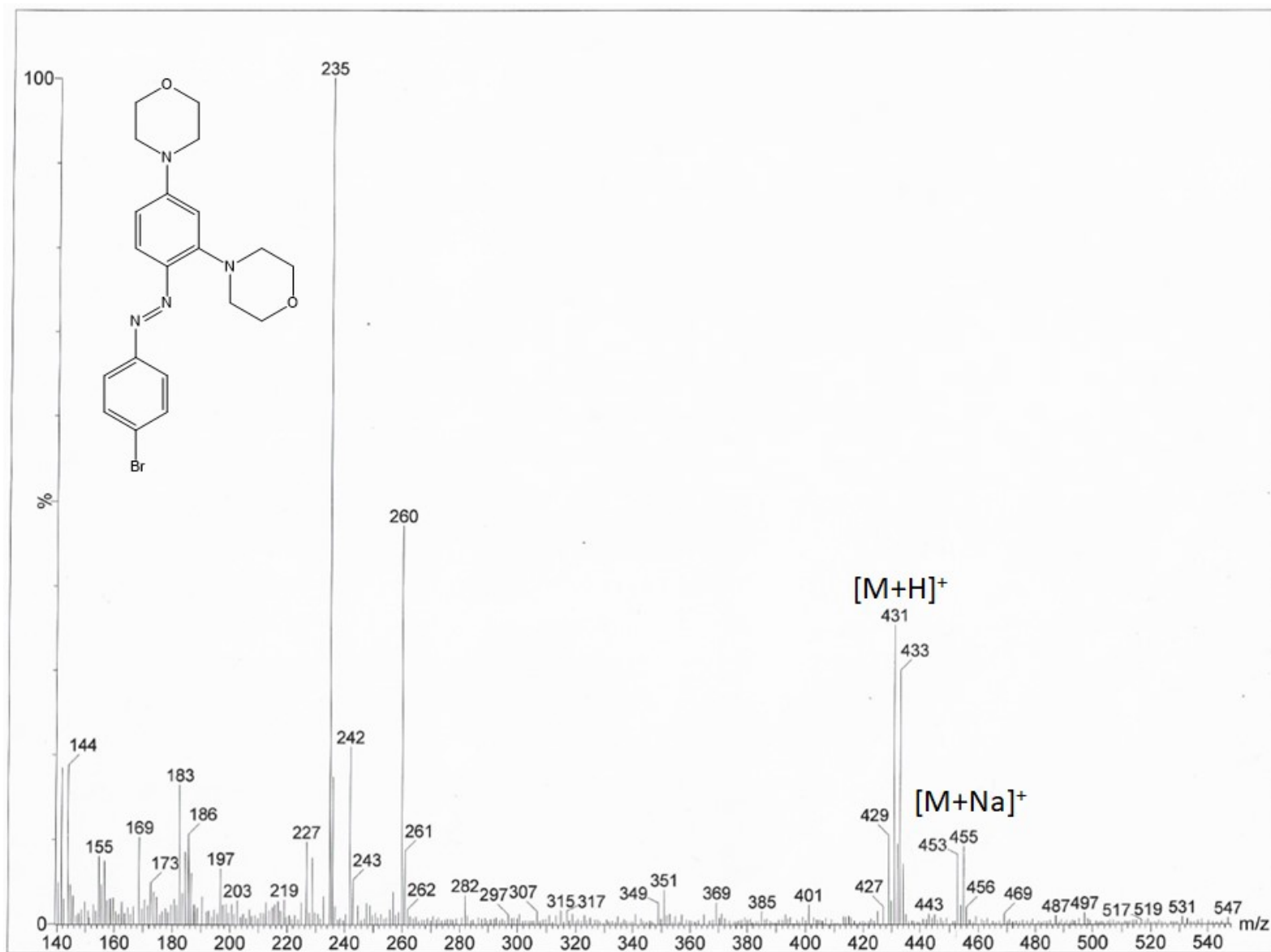


Fig. S26: ESI-MS⁺ (m/z) spectrum of compound 7b.

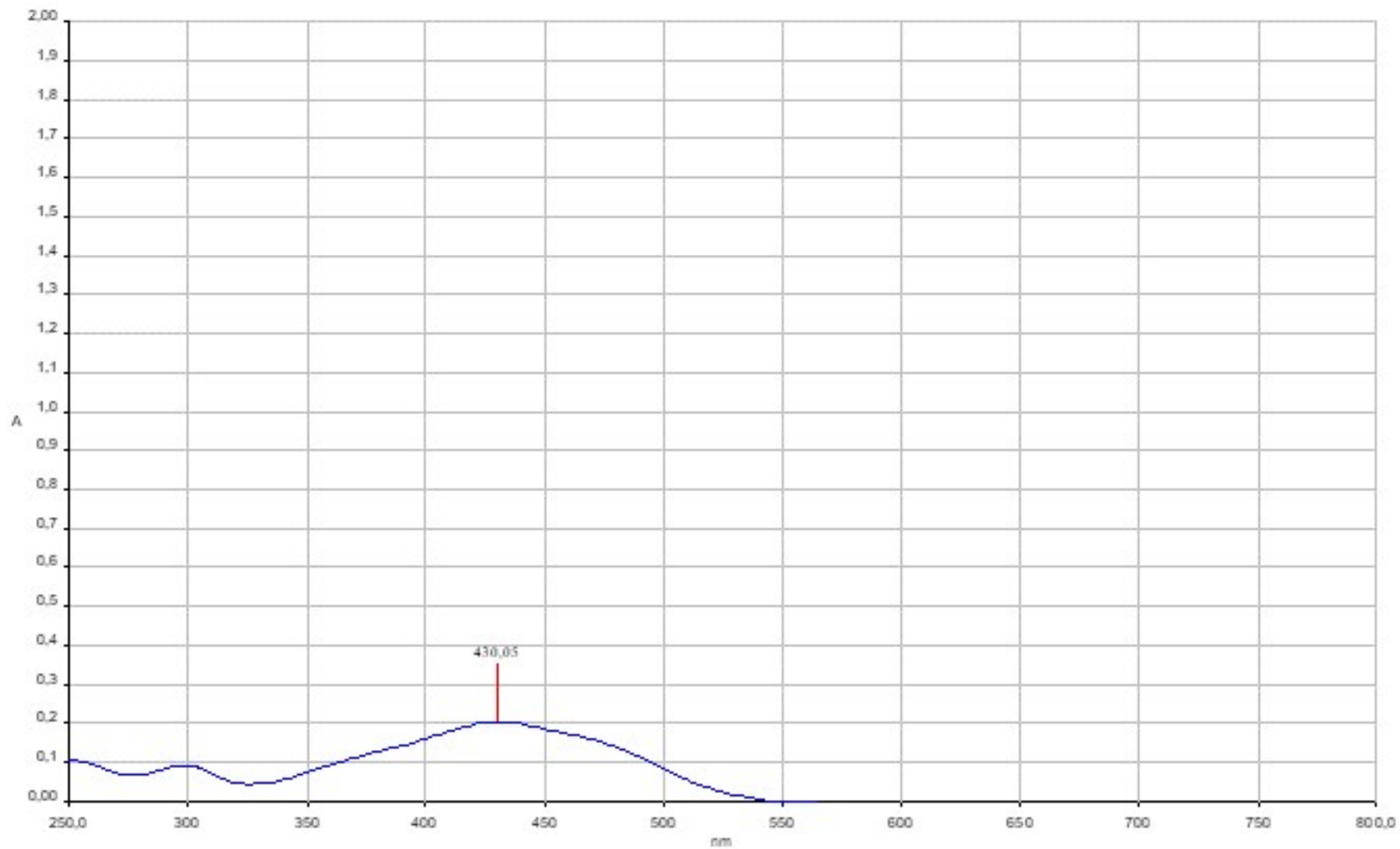


Fig. S27: UV-Vis spectrum of compound **7b** in CHCl_3 .

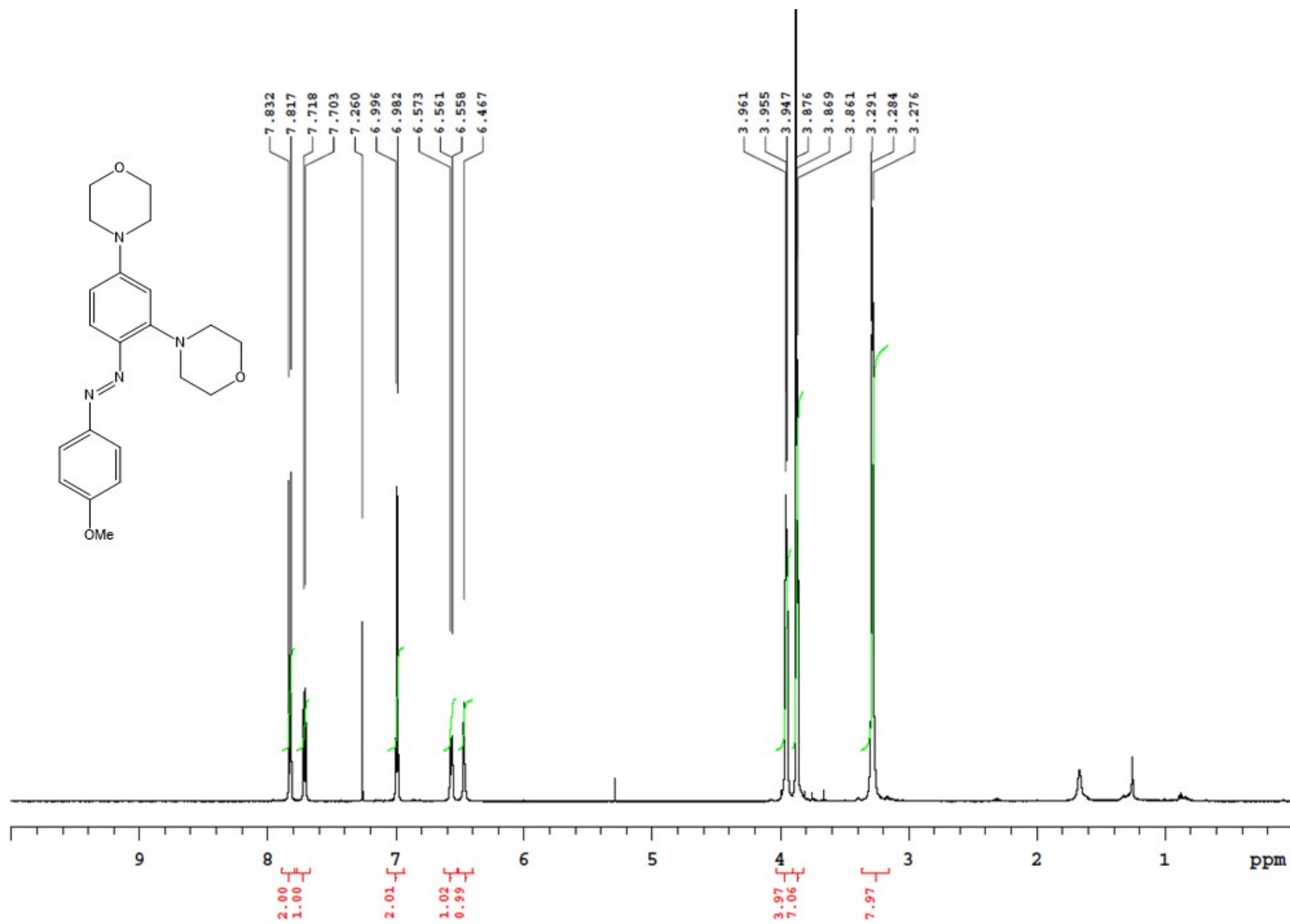


Fig. S28: ¹H-NMR spectrum of compound 7c in CDCl₃.

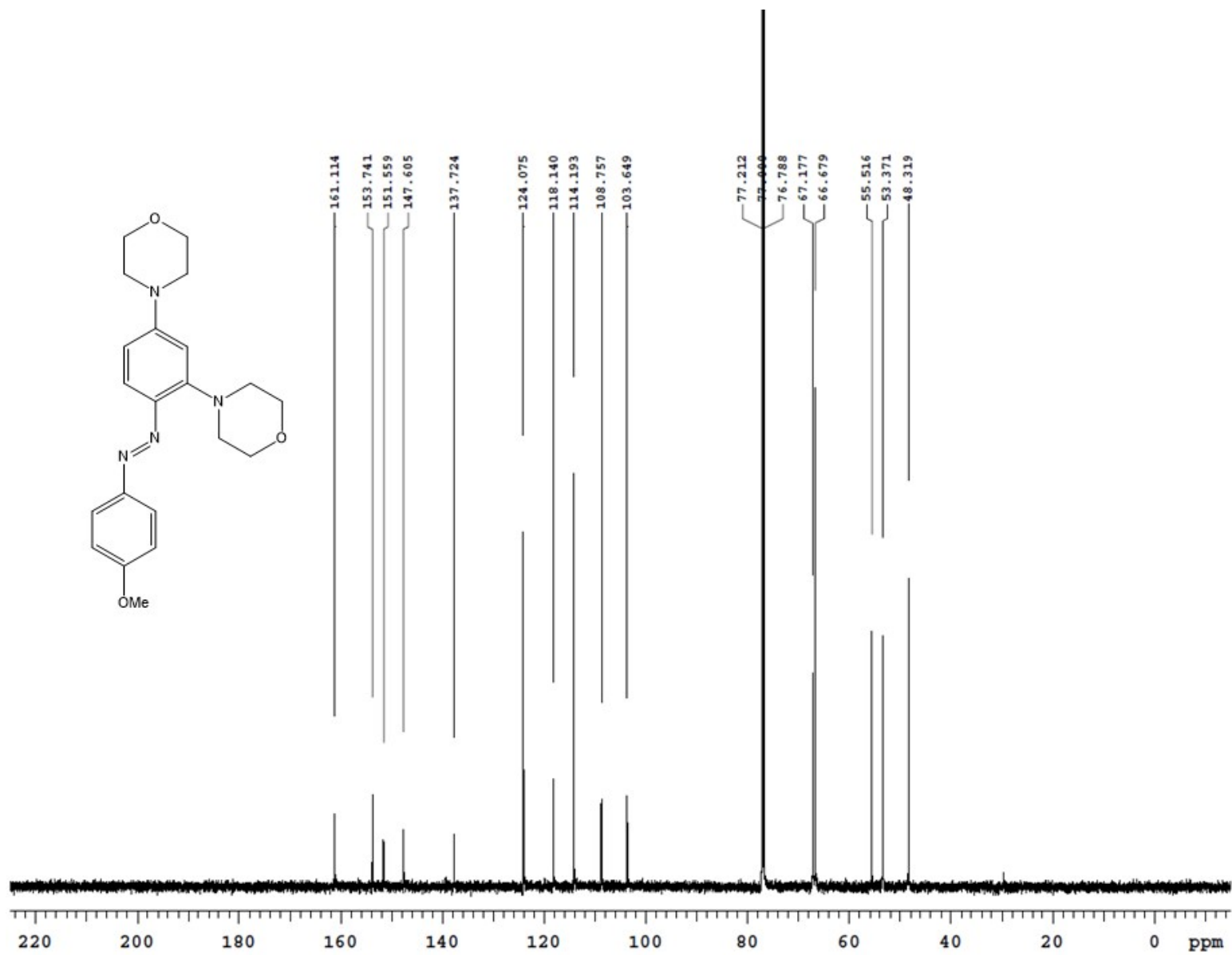


Fig. S29: ¹³C-NMR spectrum of compound 7c in CDCl₃.

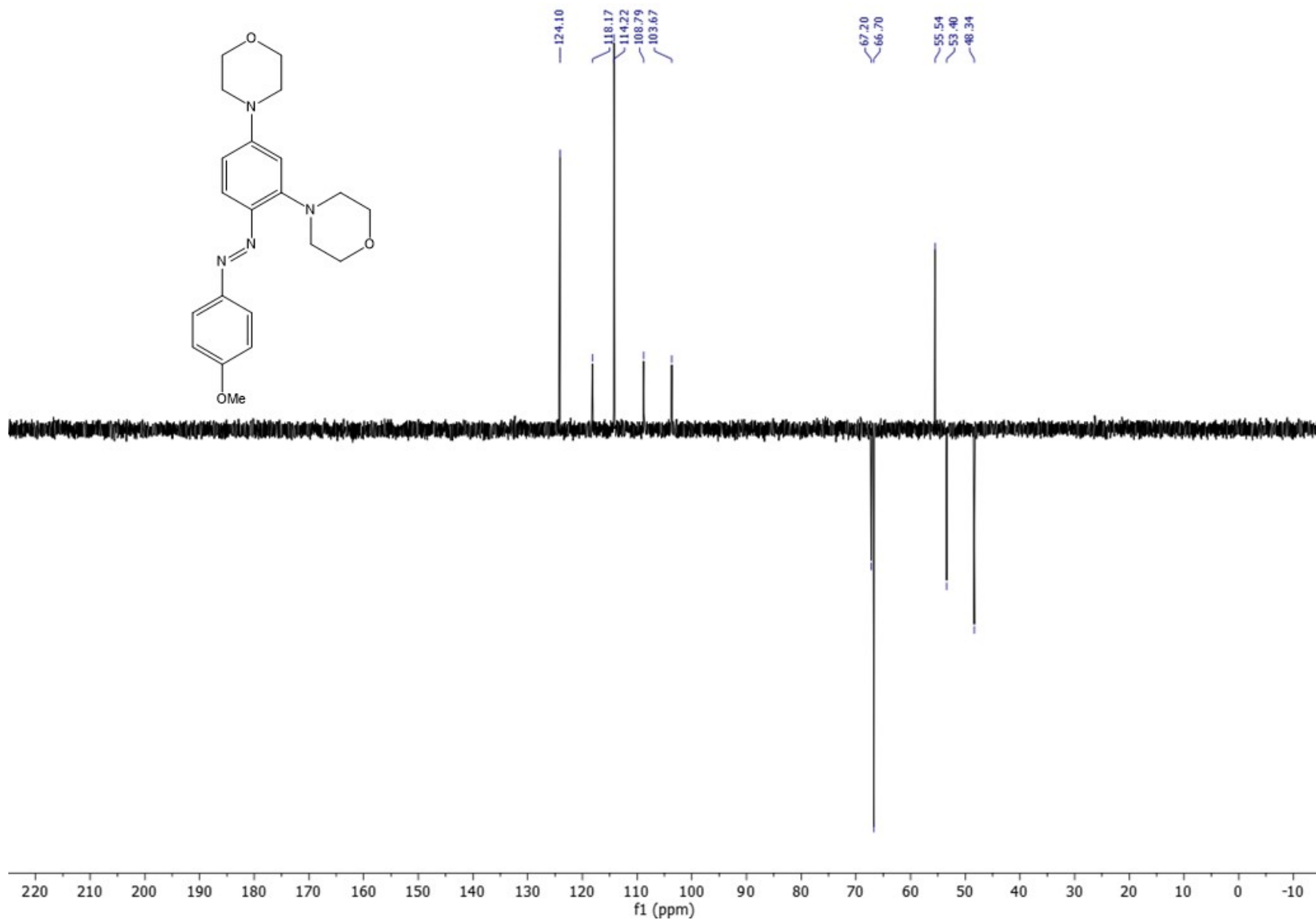


Fig. S30: DEPT spectrum of compound 7c in CDCl₃.

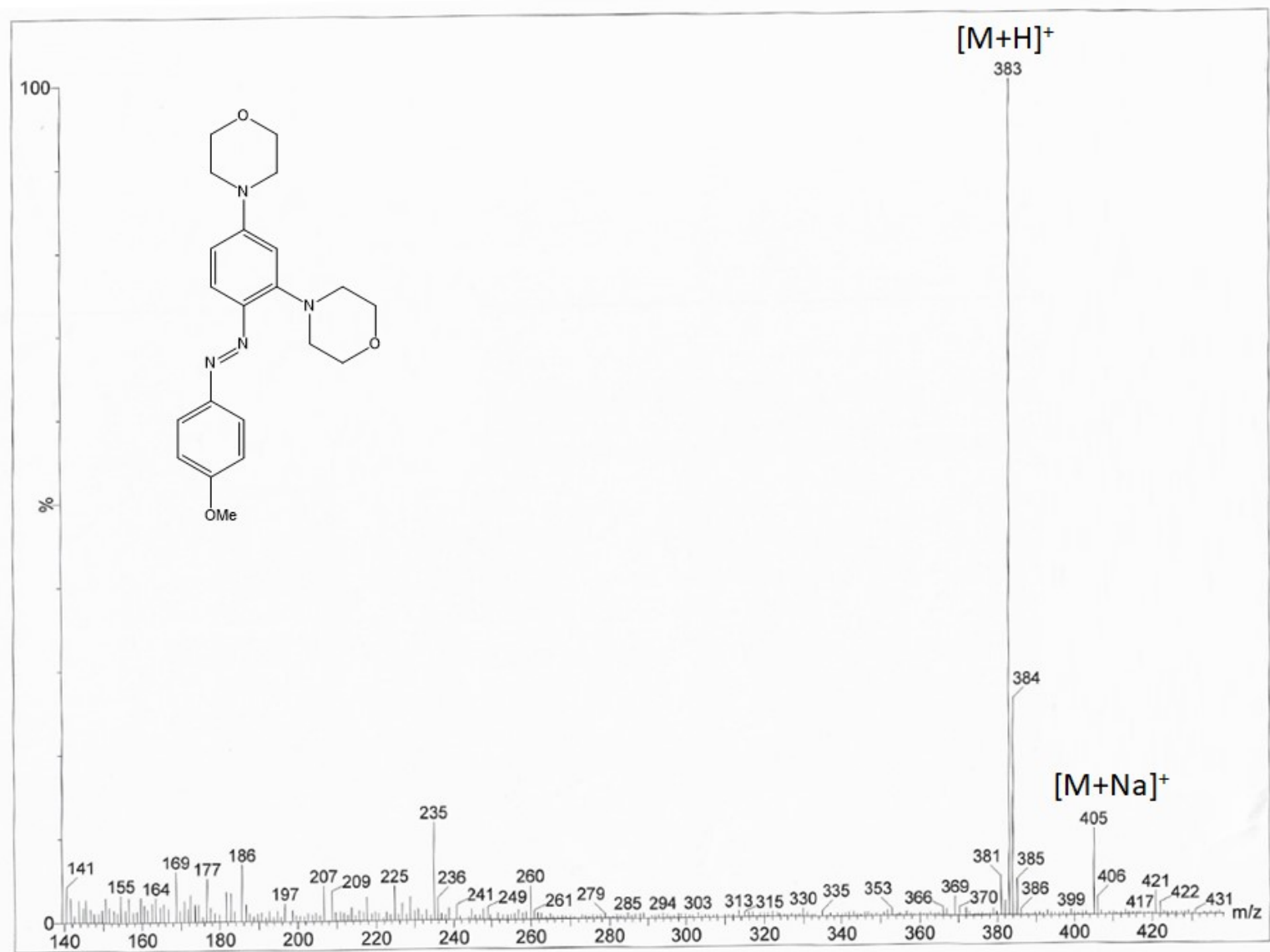


Fig. S31: ESI-MS⁺ (*m/z*) spectrum of compound 7c.

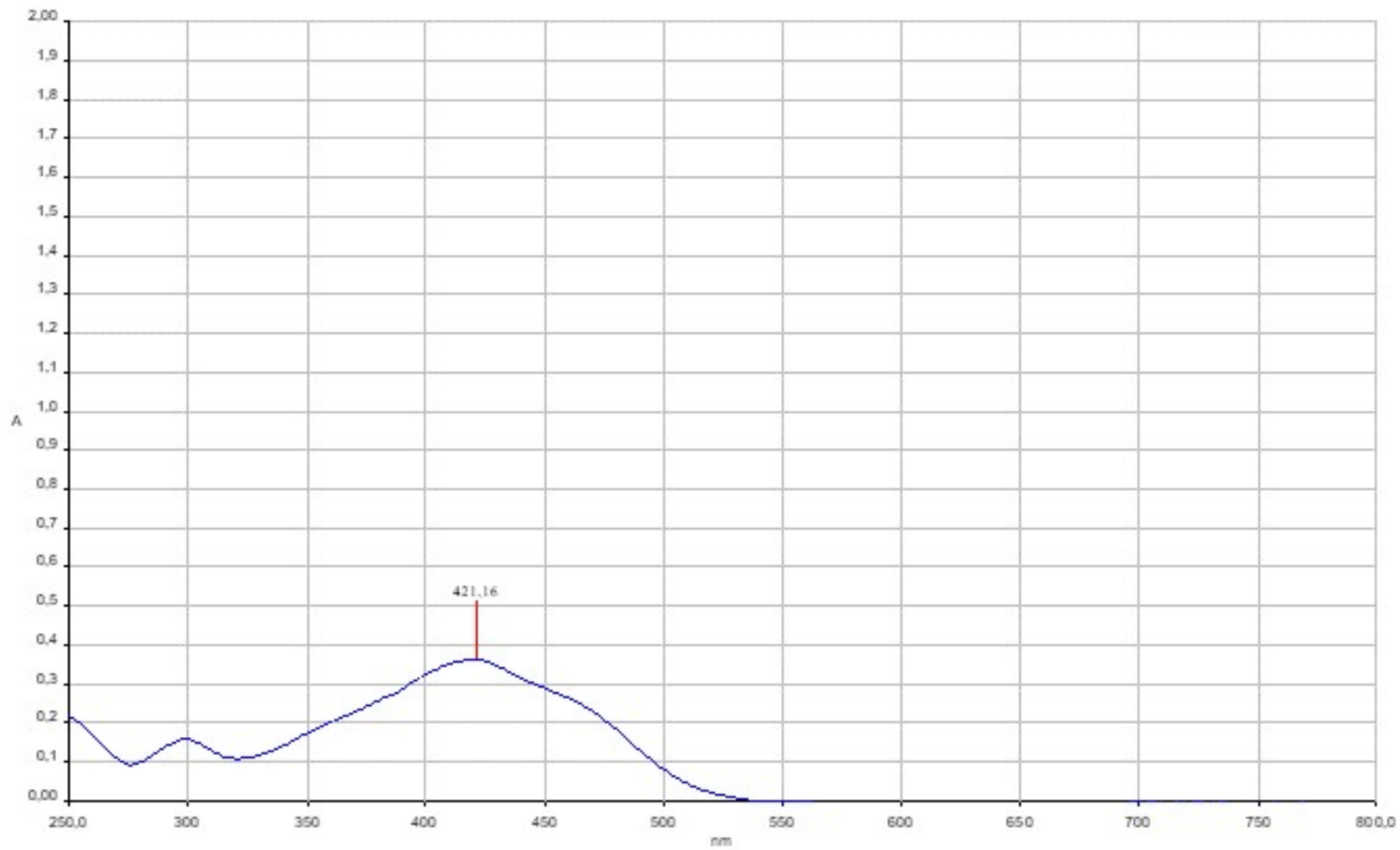


Fig. S32: UV-Vis spectrum of compound **7c** in CHCl₃.

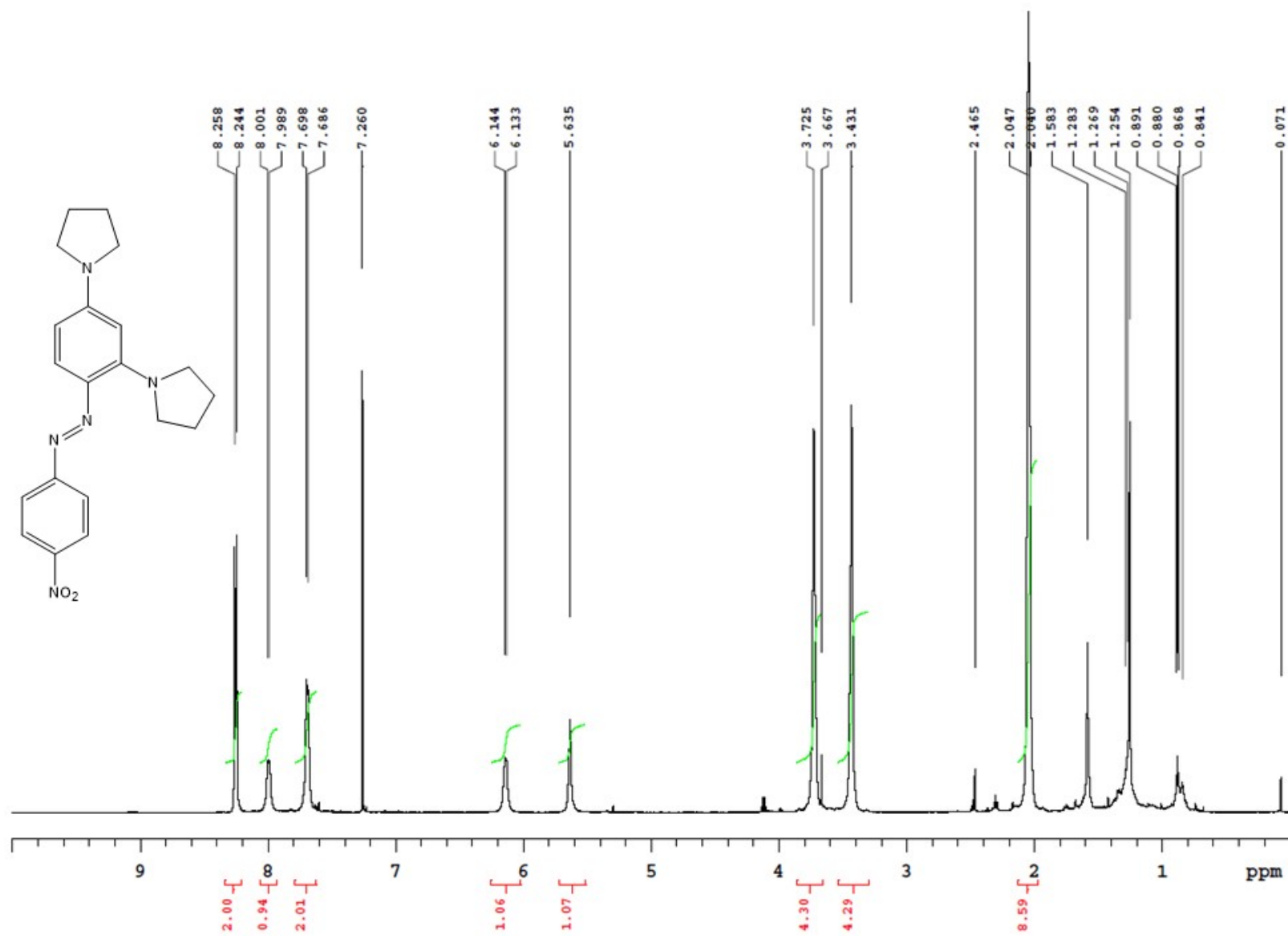


Fig. S33: ¹H-NMR spectrum of compound **8a** in CDCl₃.

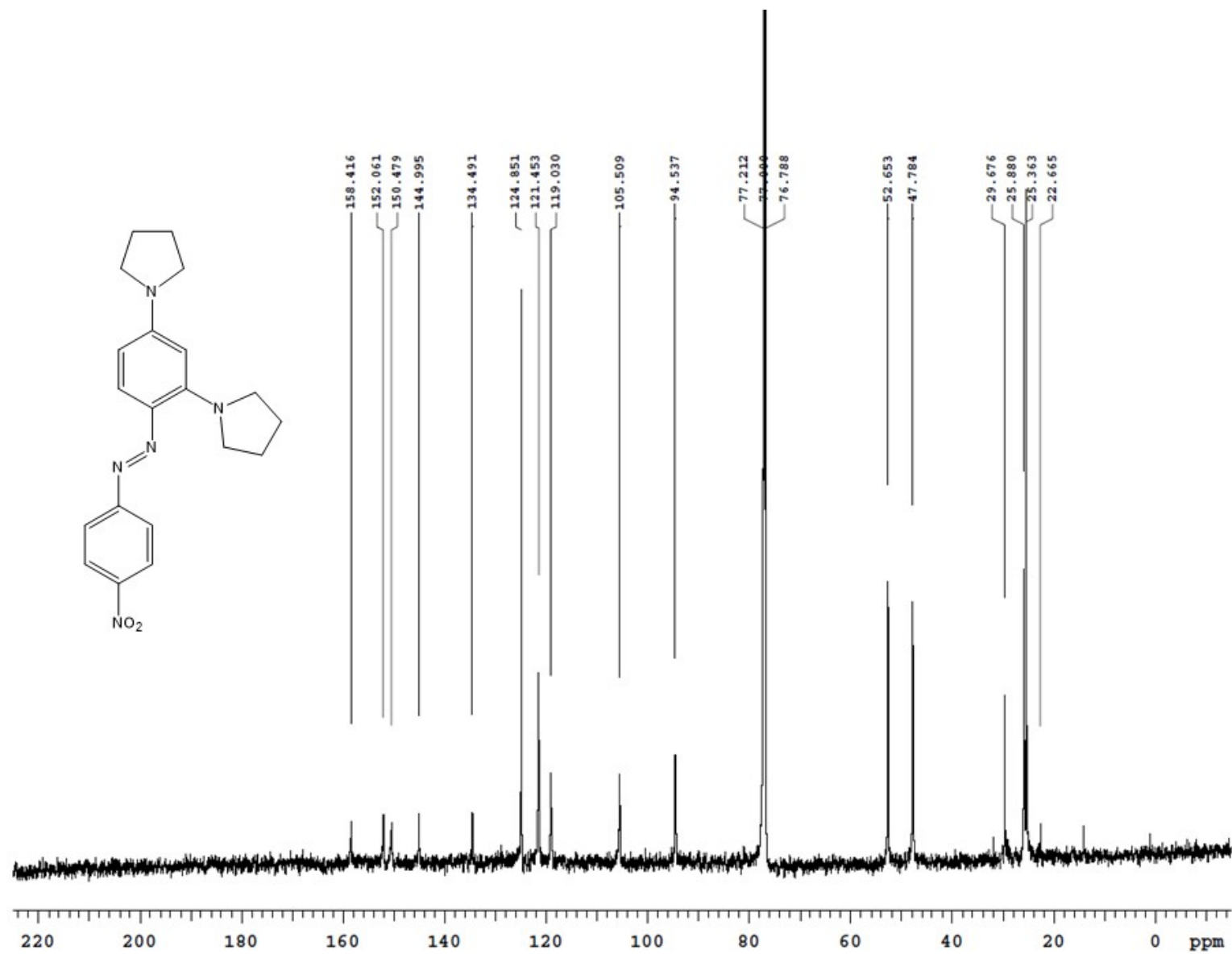


Fig. S34: ¹³C-NMR spectrum of compound **8a** in CDCl₃.

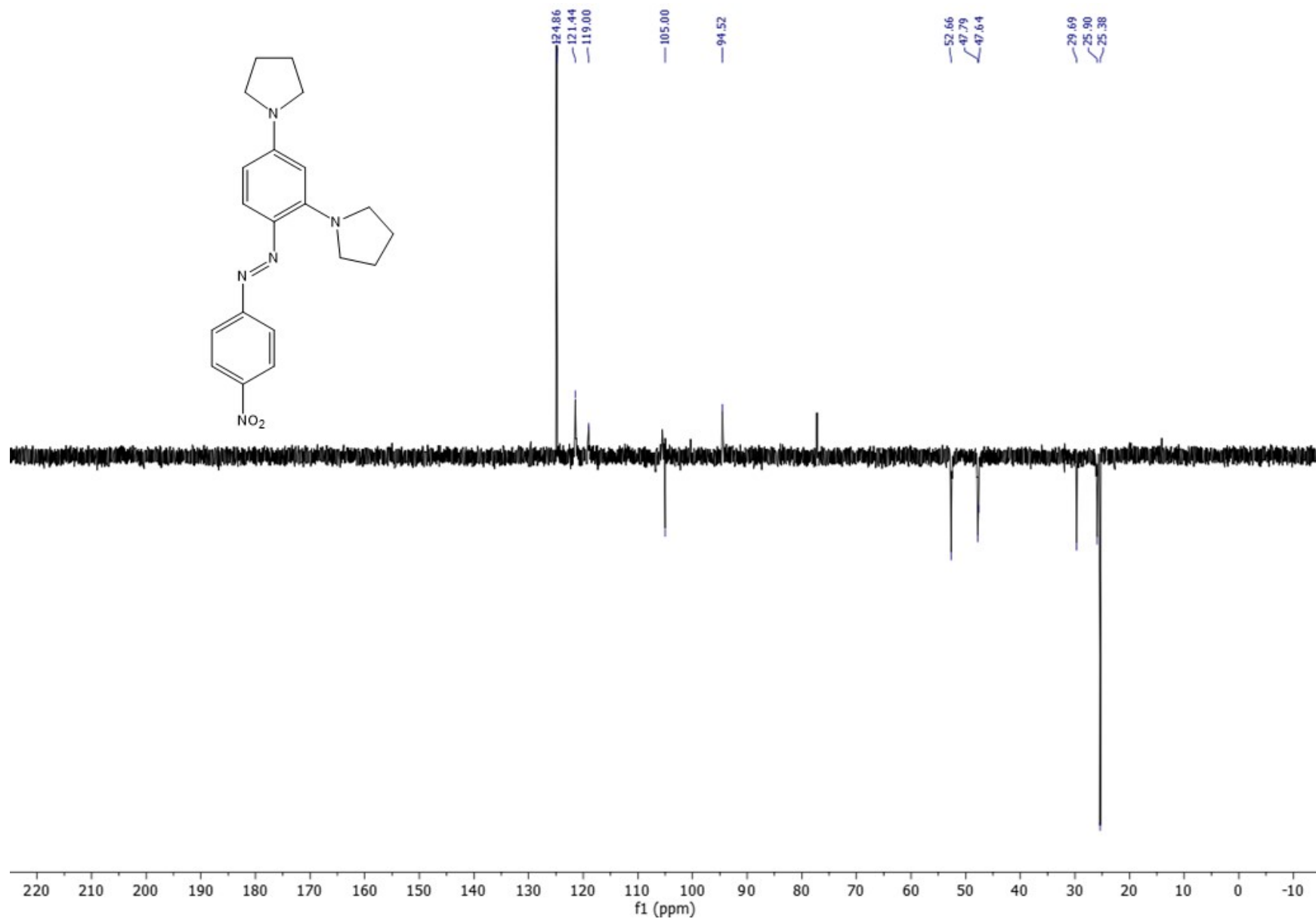


Fig. S35: DEPT spectrum of compound 8a in CDCl₃.

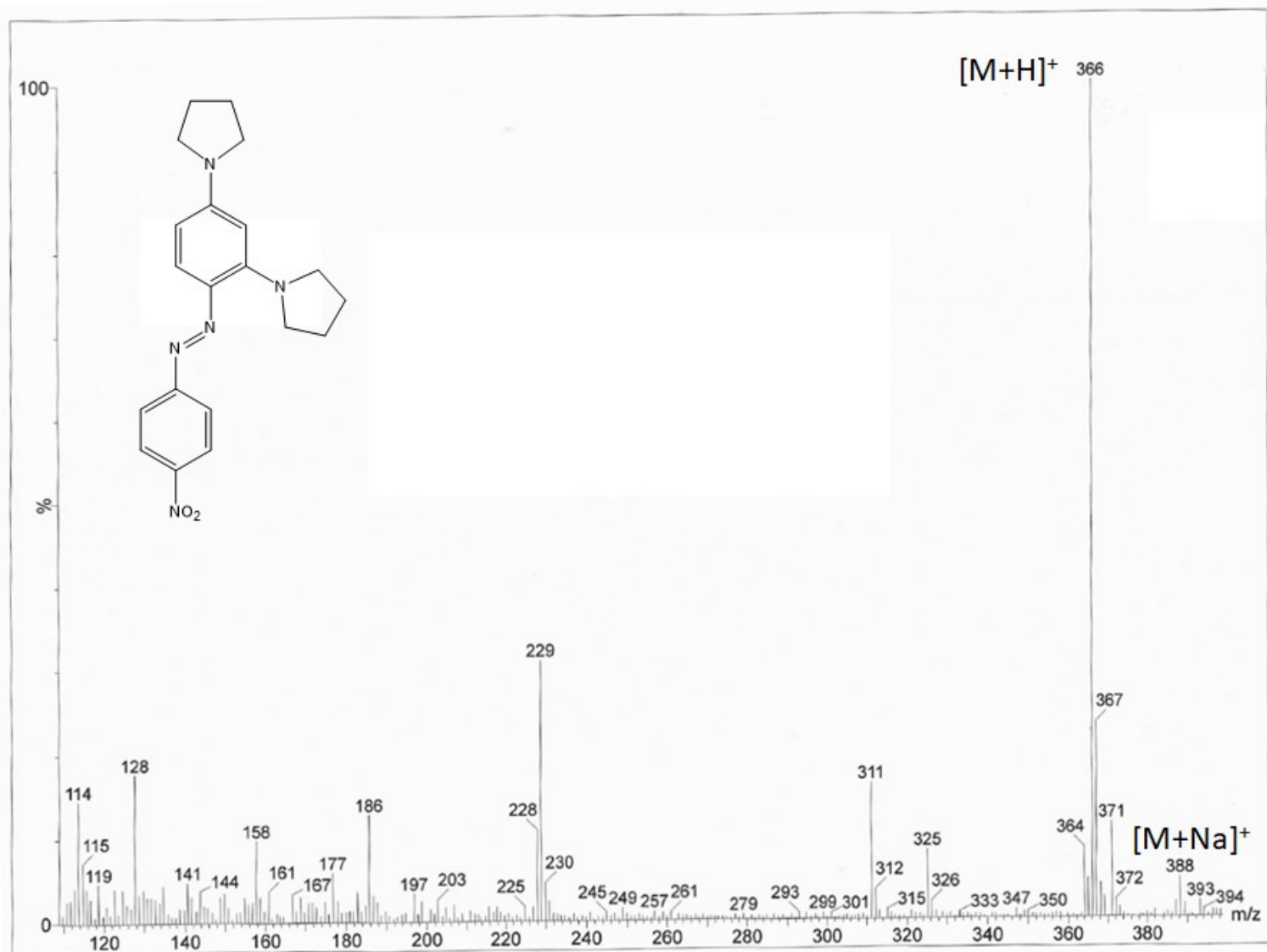


Fig. S36: ESI-MS⁺ (*m/z*) spectrum of compound 8a.

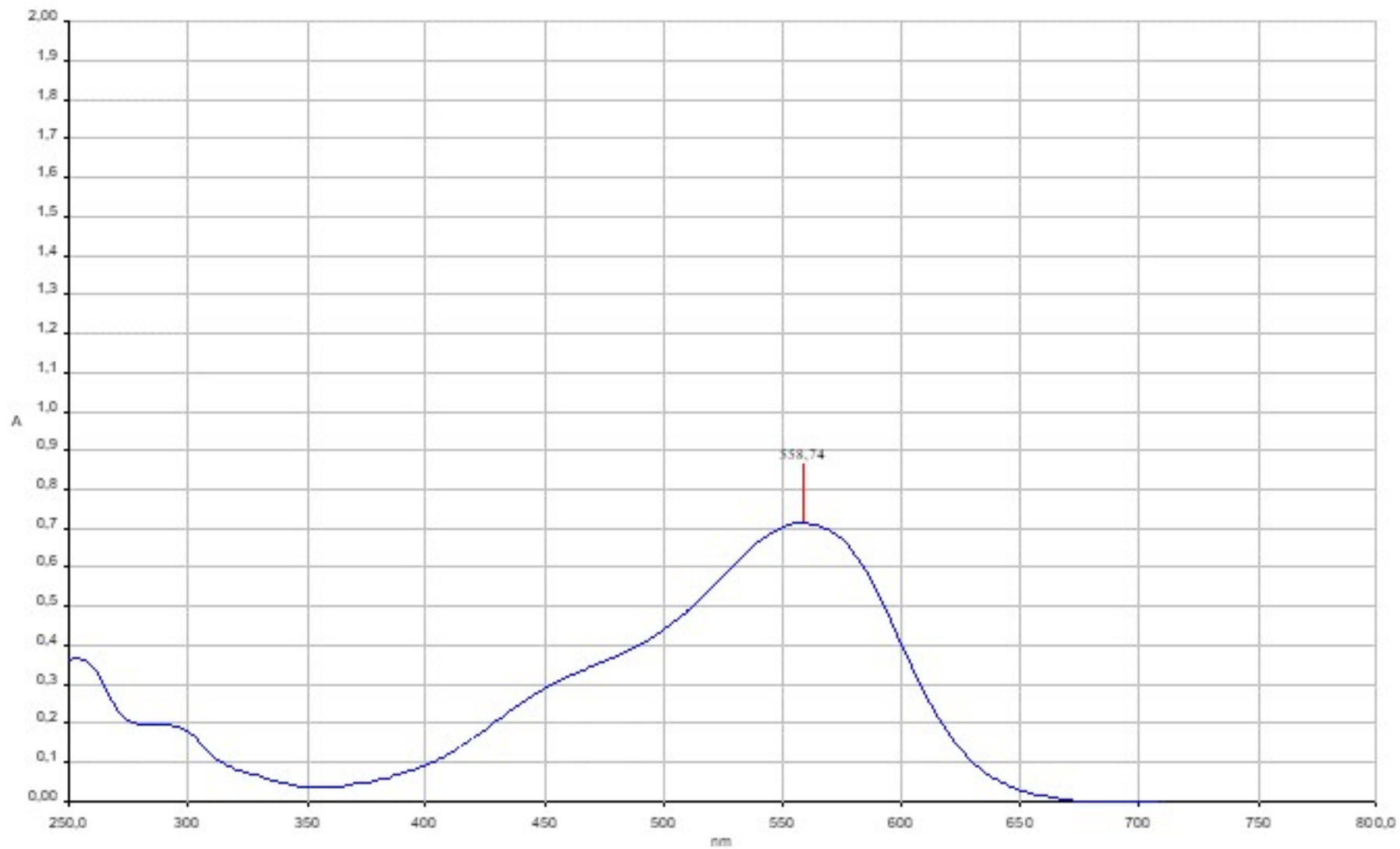


Fig. S37: UV-Vis spectrum of compound 9a in CHCl₃.

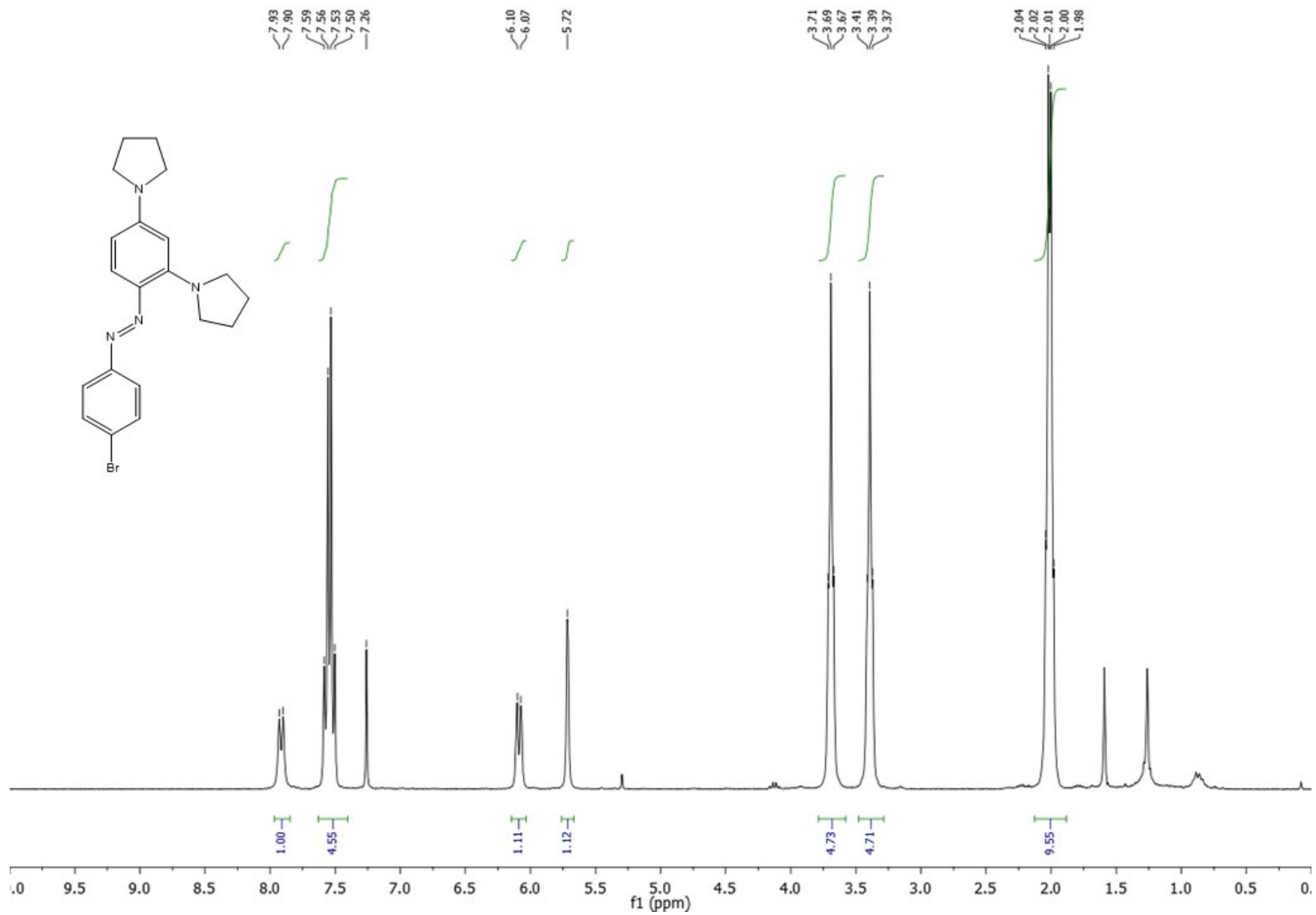


Fig. S38: ¹H-NMR spectrum of compound **8b** in CDCl₃.

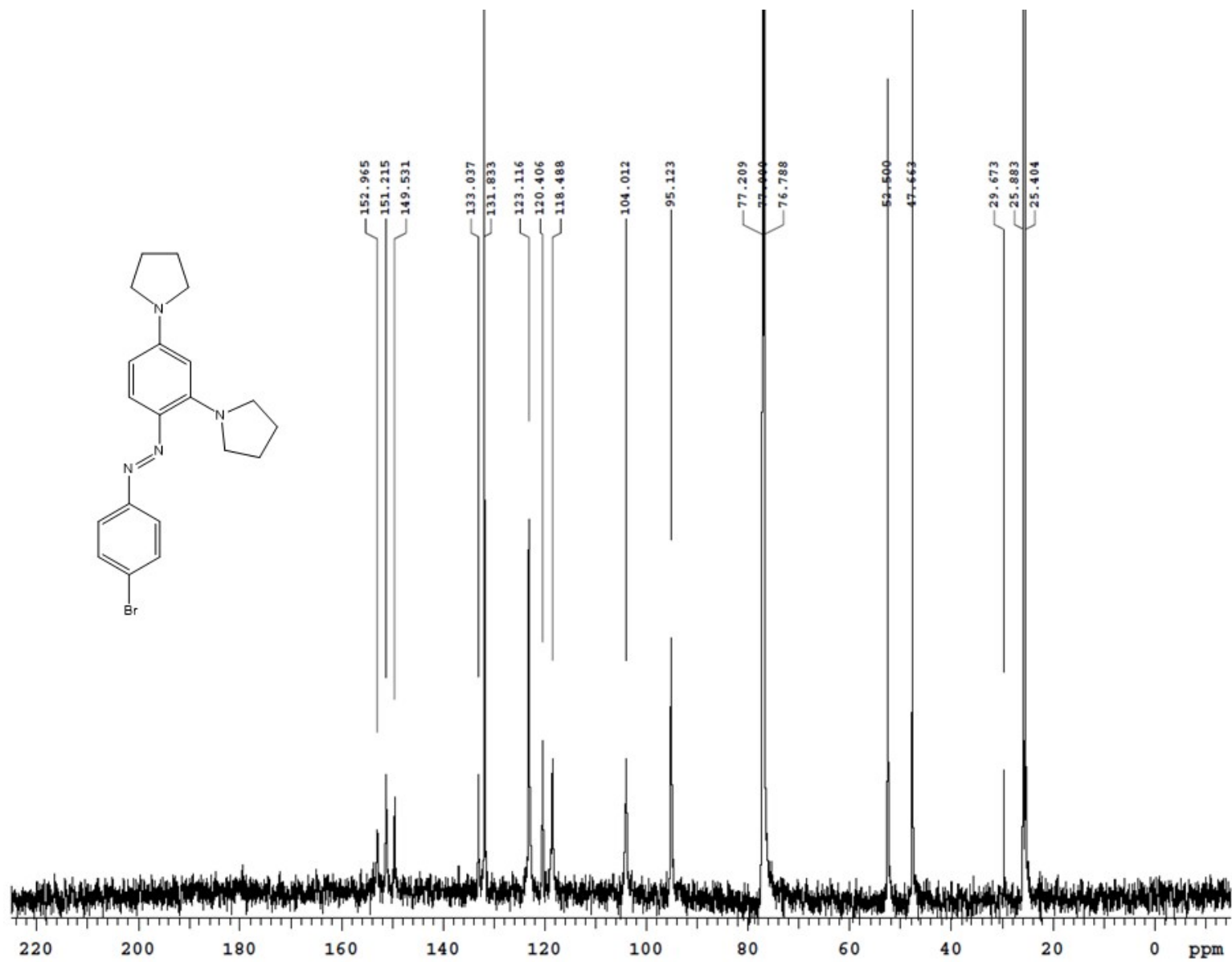


Fig. S39: ¹³C-NMR spectrum of compound **8b** in CDCl₃.

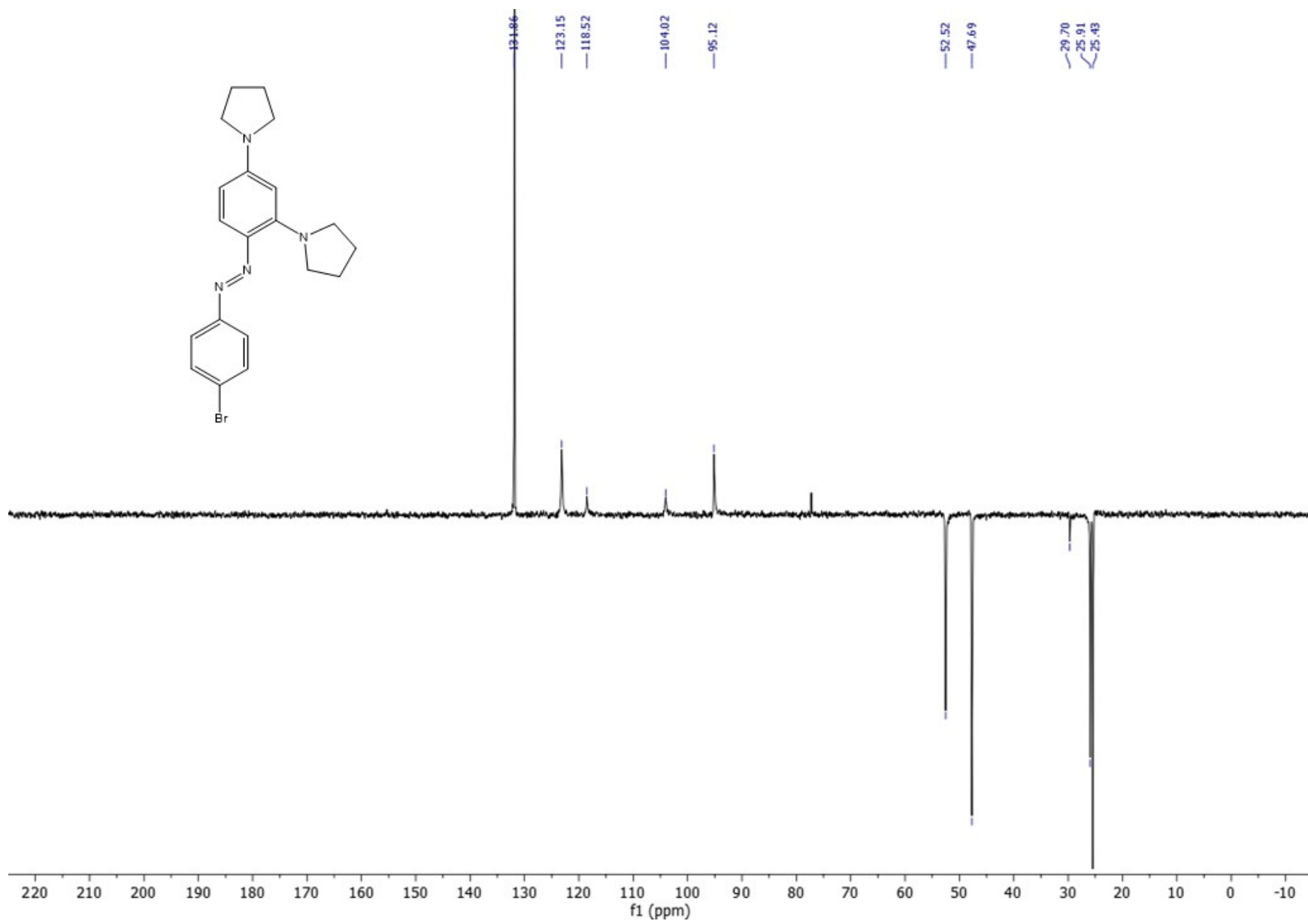


Fig. S40: DEPT spectrum of compound 8b in CDCl₃.

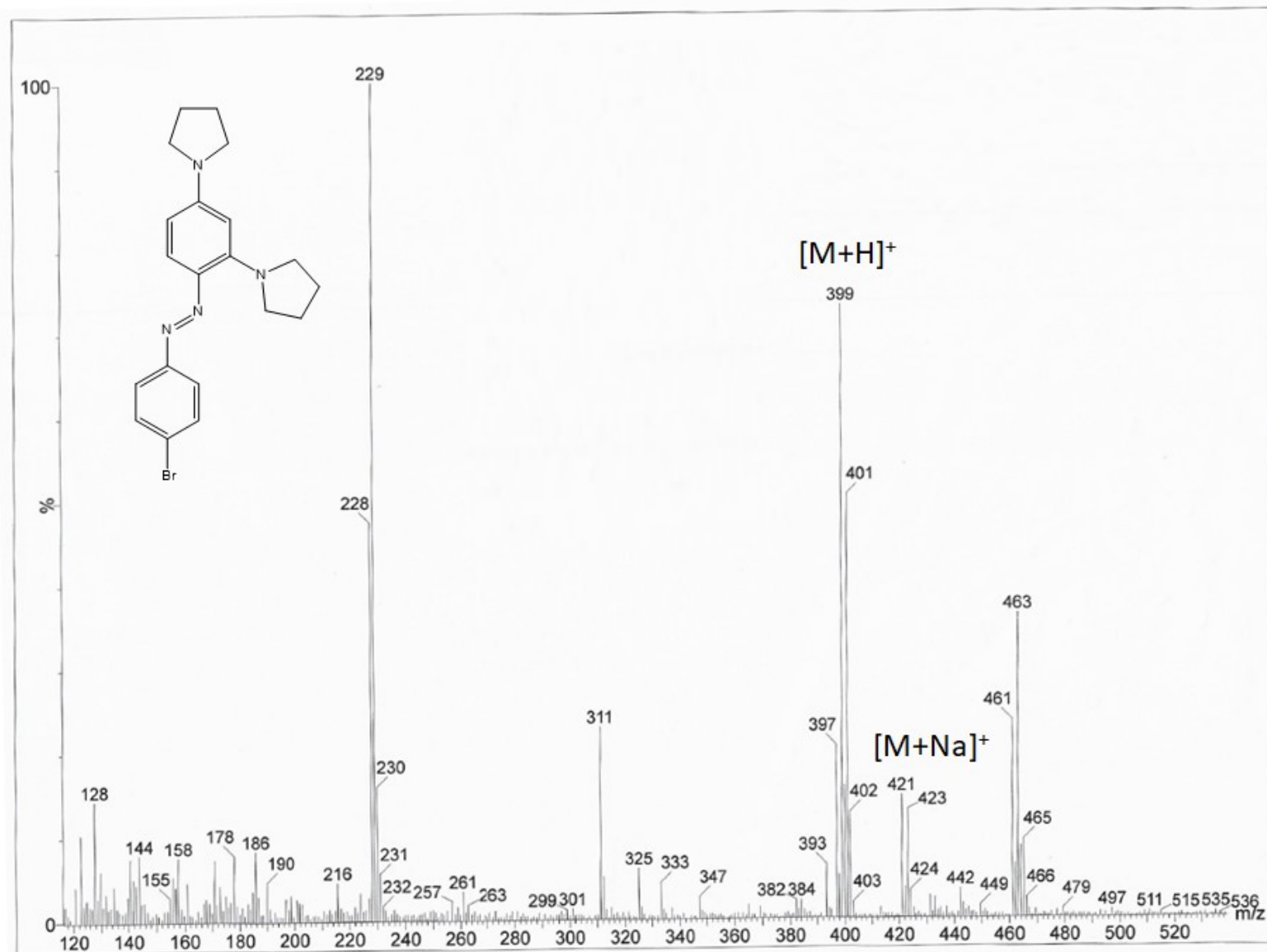


Fig. S41: ESI-MS⁺ (m/z) spectrum of compound 8b.

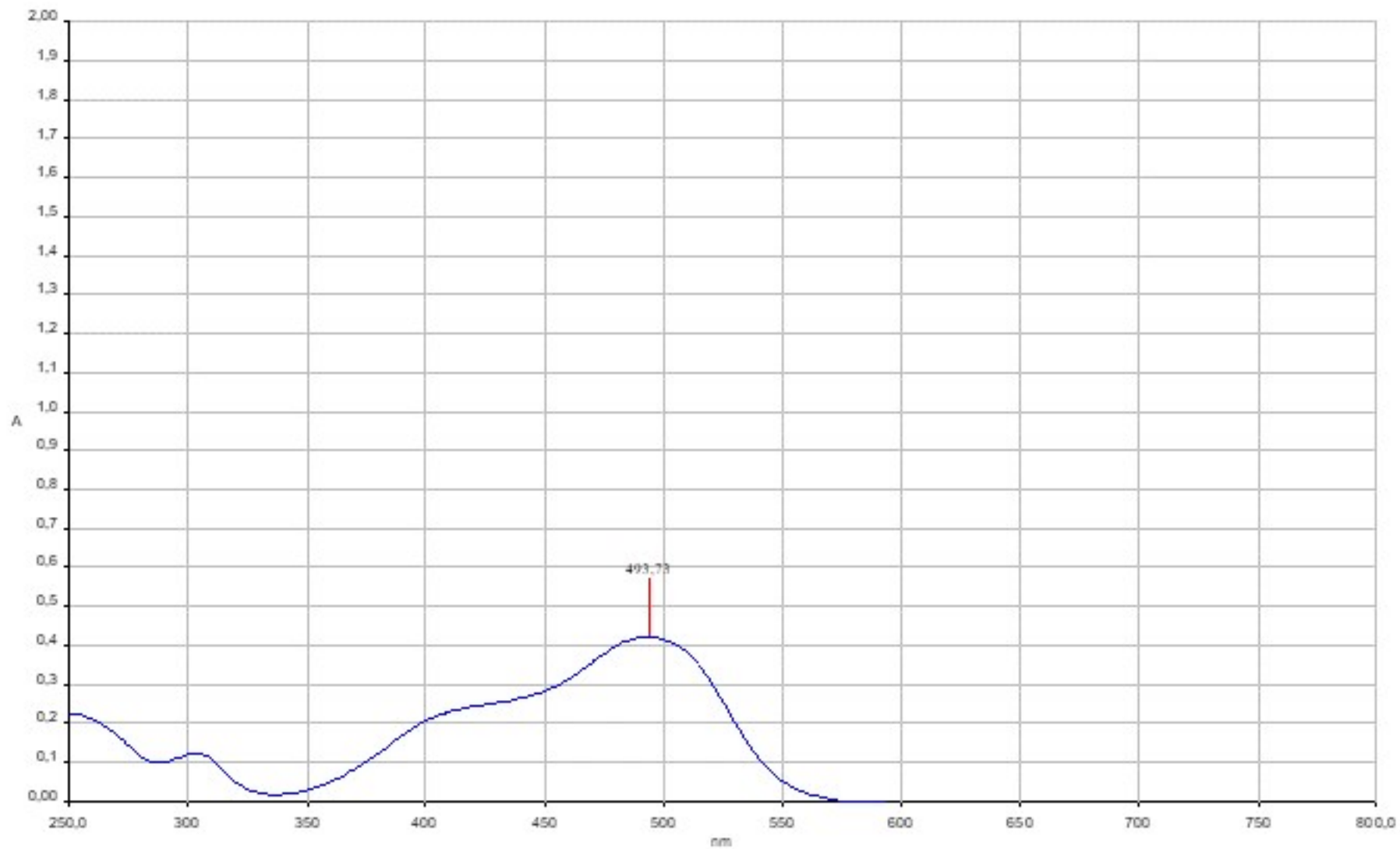


Fig. S42: UV-Vis spectrum of compound **8b** in CHCl_3 .

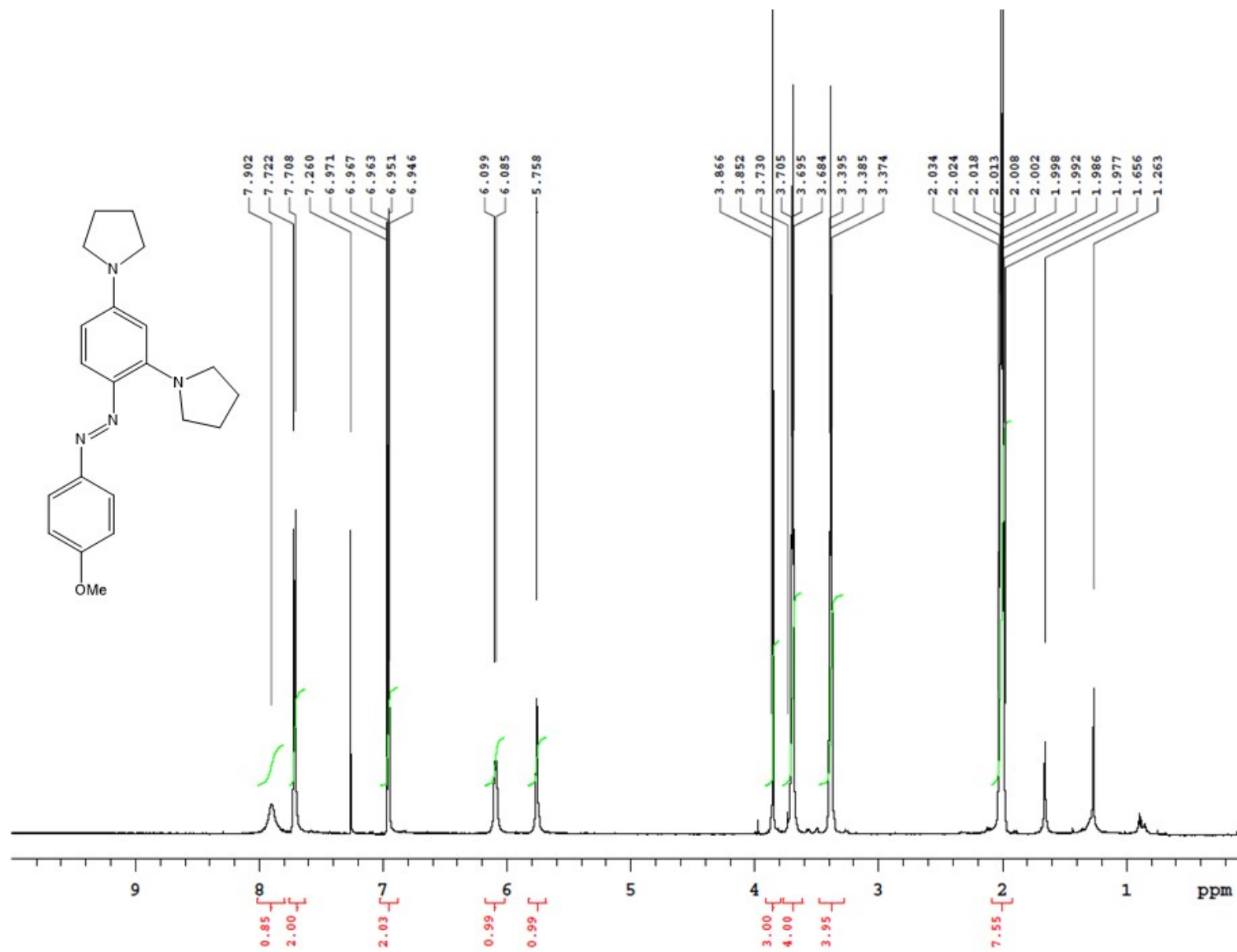


Fig. S43: ¹H-NMR spectrum of compound **8c** in CDCl₃.

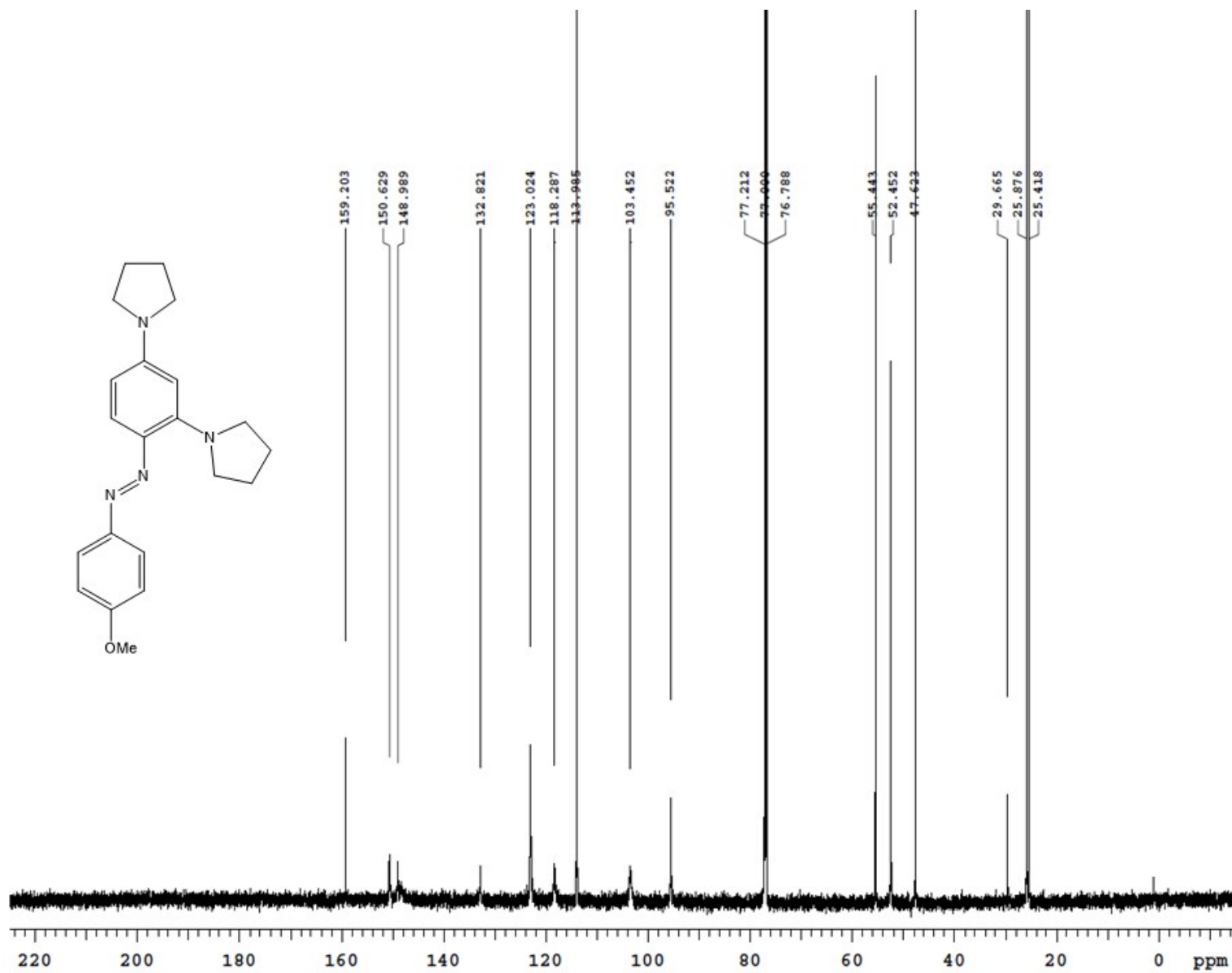


Fig. S44: $^{13}\text{C-NMR}$ spectrum of compound **8c** in CDCl_3 .

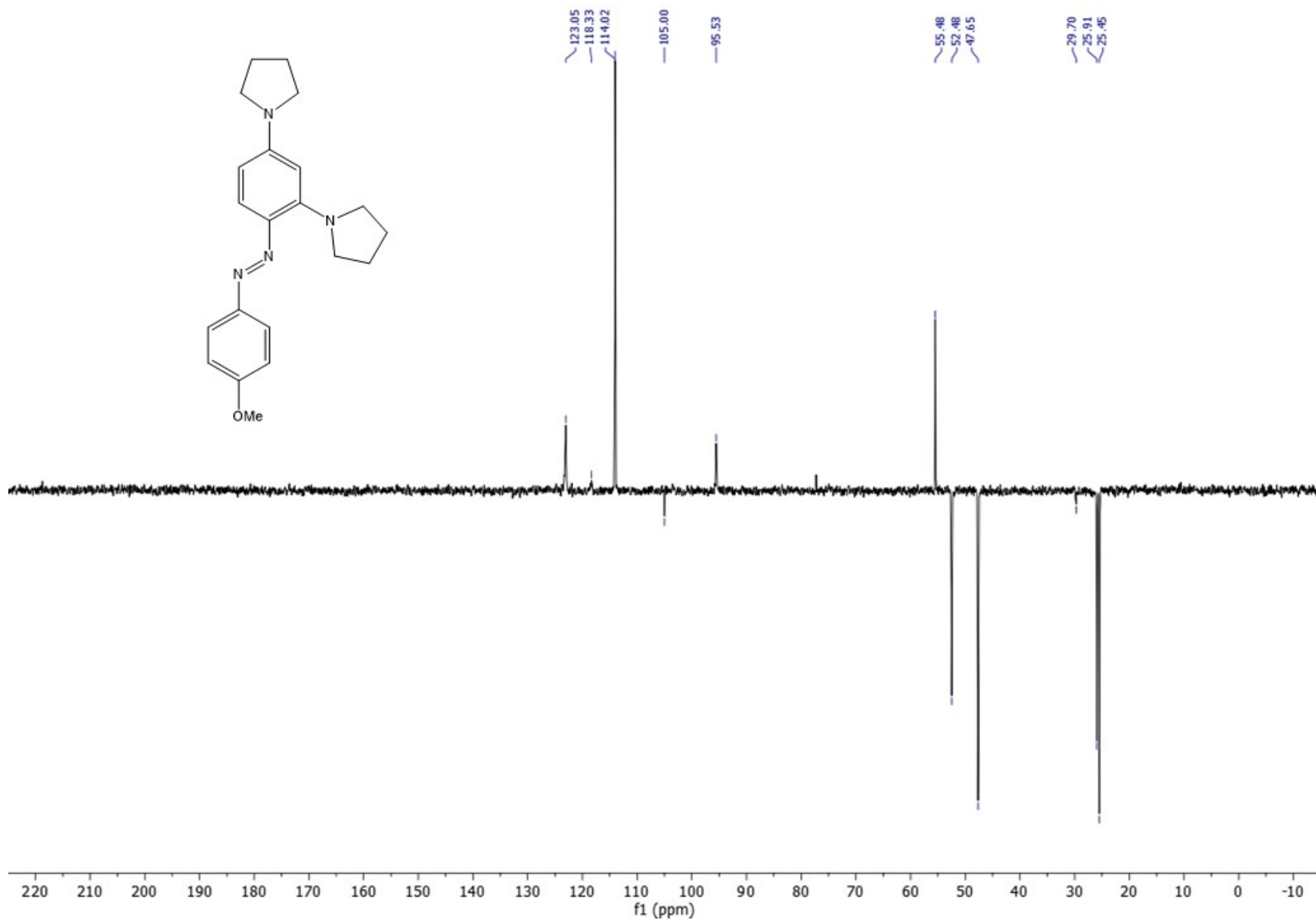


Fig. S45: DEPT spectrum of compound 8c in CDCl₃.

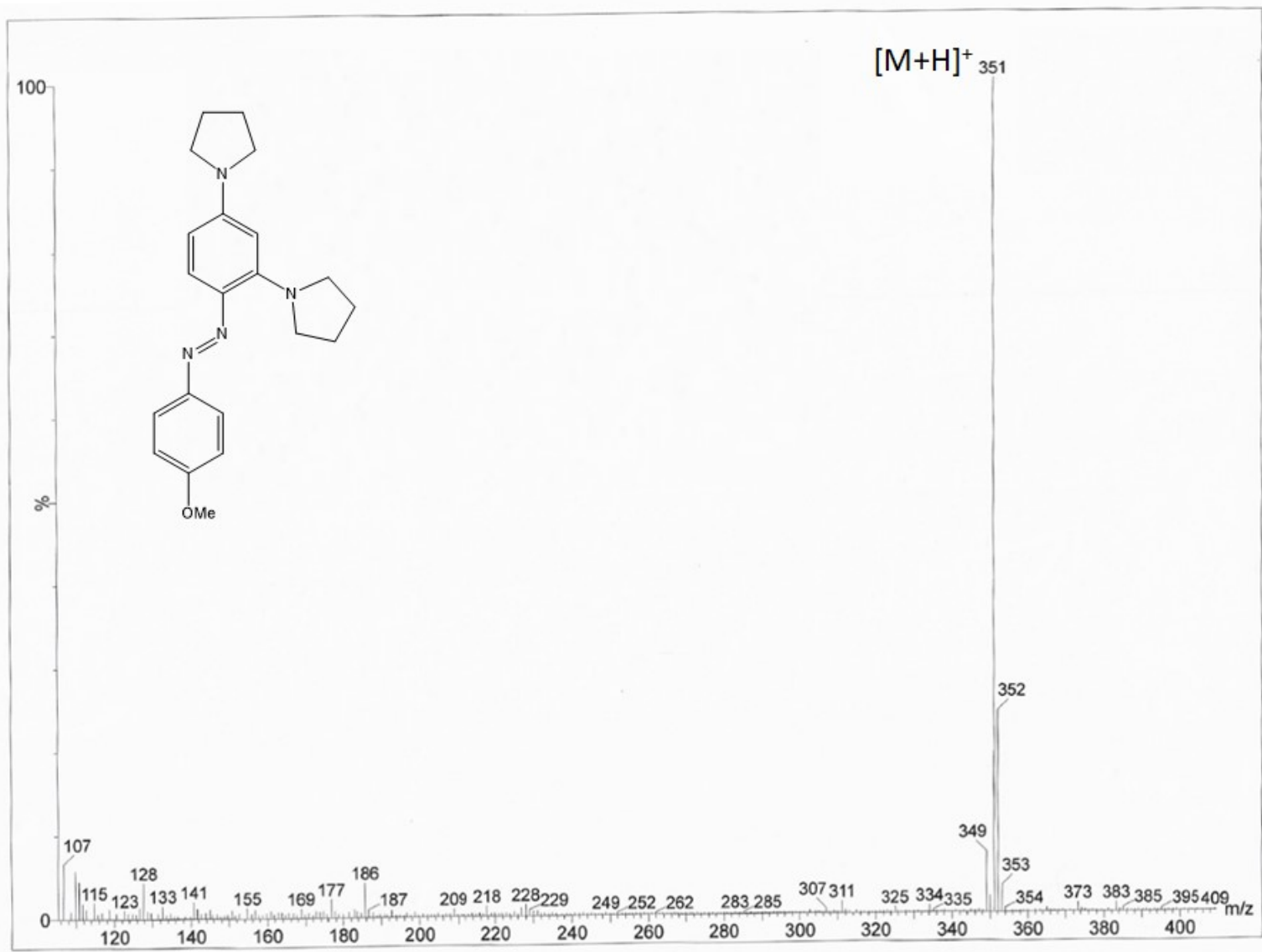


Fig. S46: ESI-MS⁺ (*m/z*) spectrum of compound **8c**.

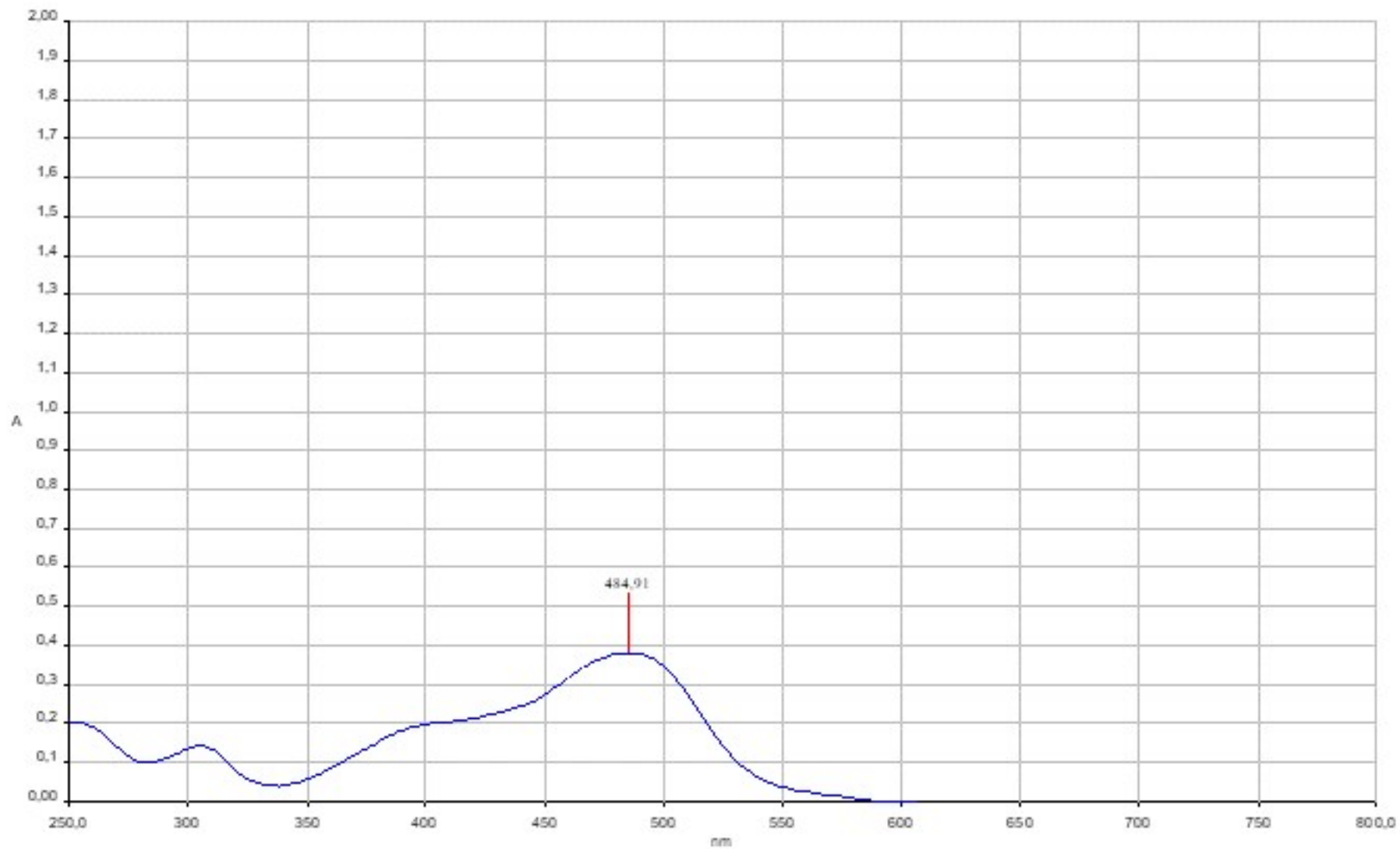


Fig. S47: UV-Vis spectrum of compound **8c** in CHCl₃.

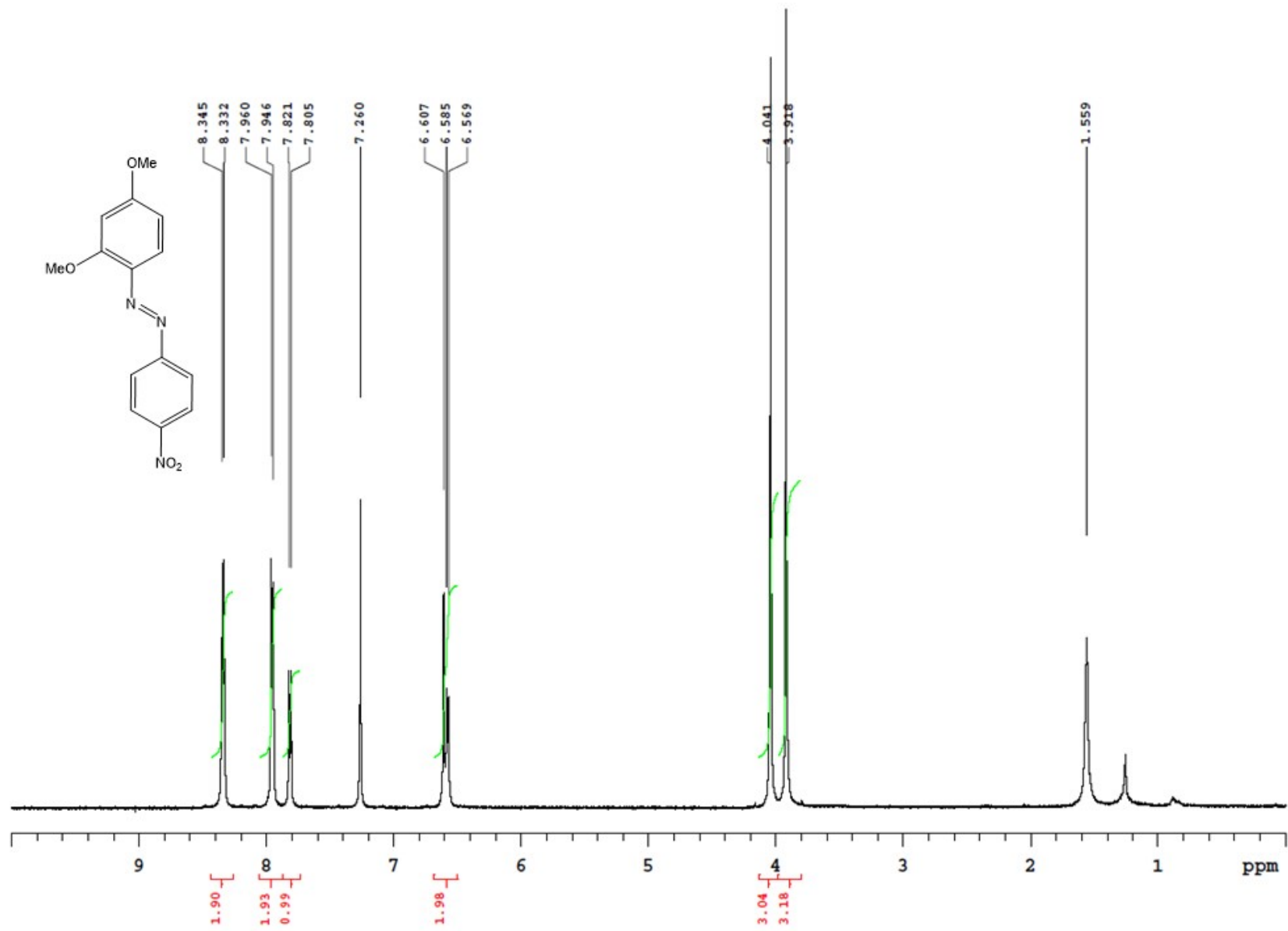


Fig. S48: ¹H-NMR spectrum of compound 9a in CDCl₃.

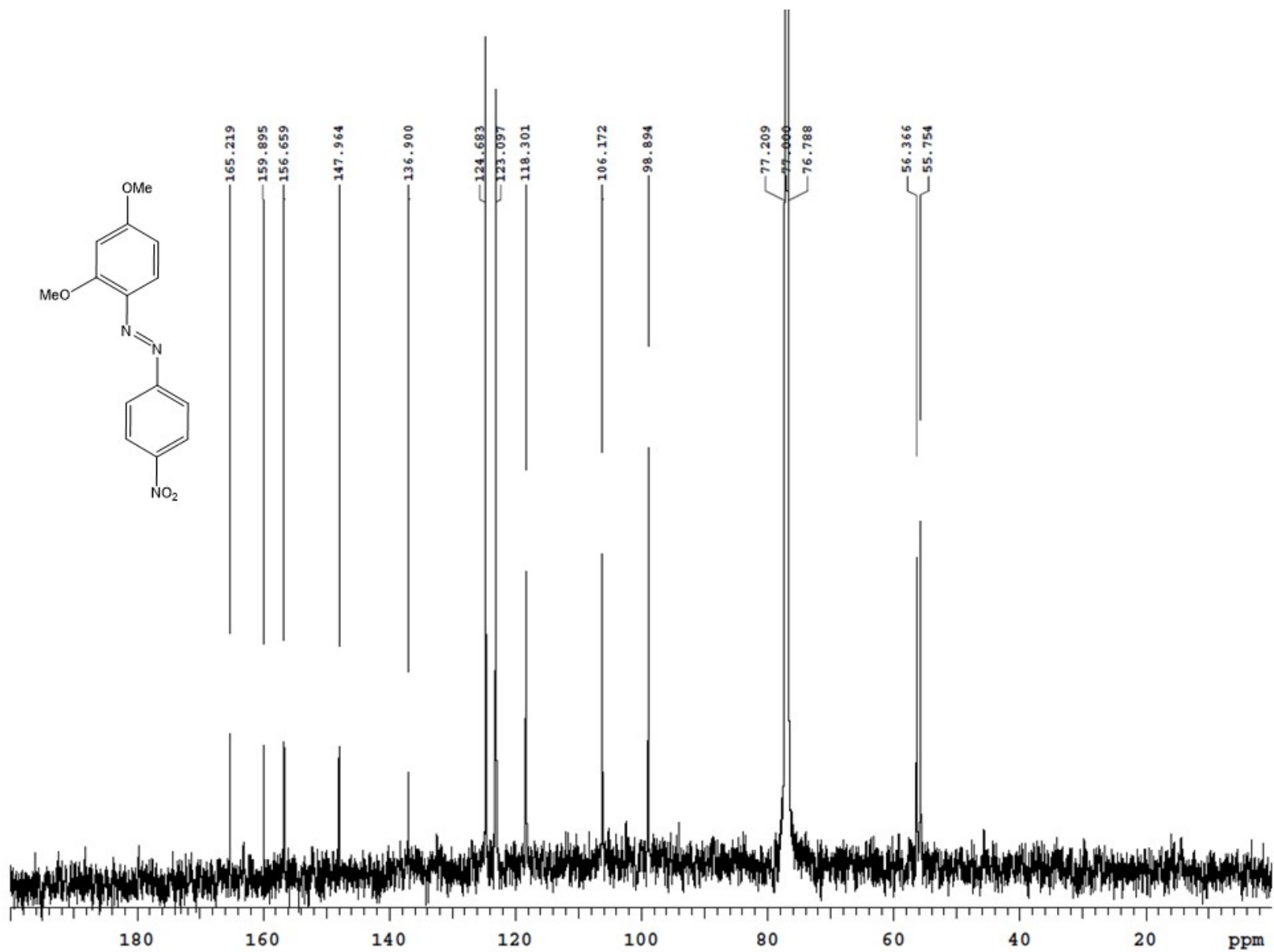


Fig. S49: $^{13}\text{C-NMR}$ spectrum of compound **9a** in CDCl_3 .

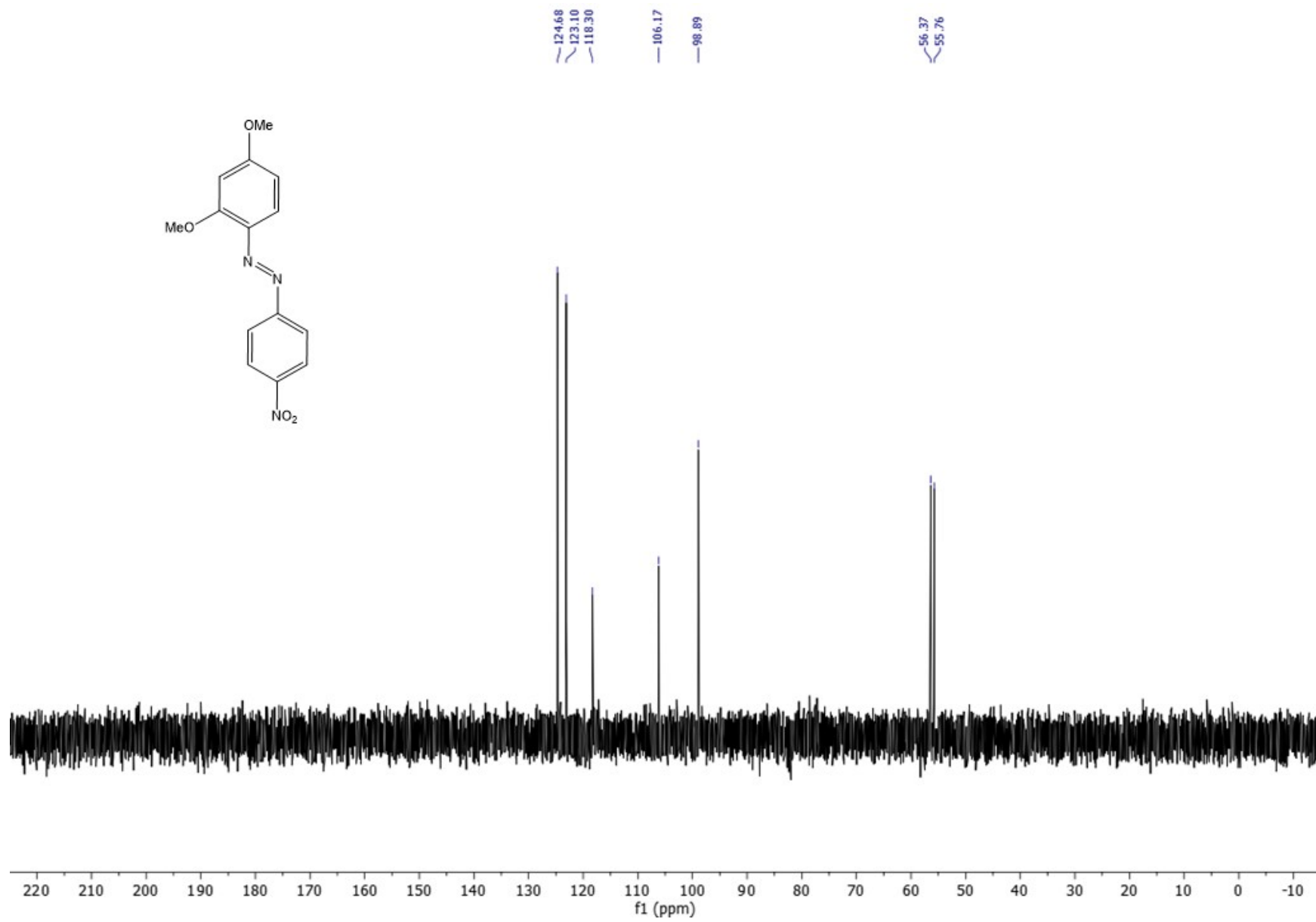


Fig. S50: DEPT spectrum of compound 9a in CDCl₃.

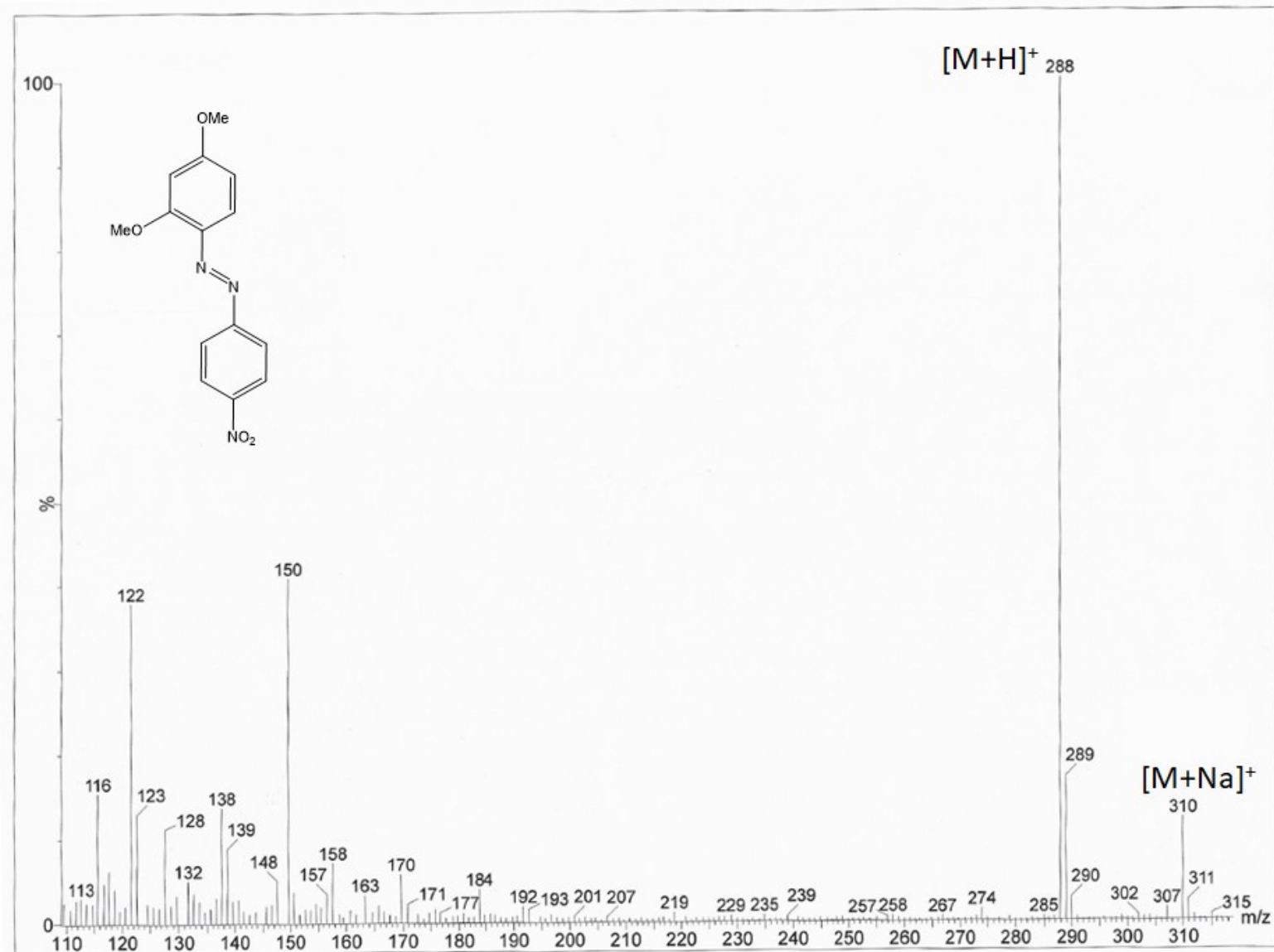


Fig. S51: ESI-MS⁺ (*m/z*) spectrum of compound 9a.

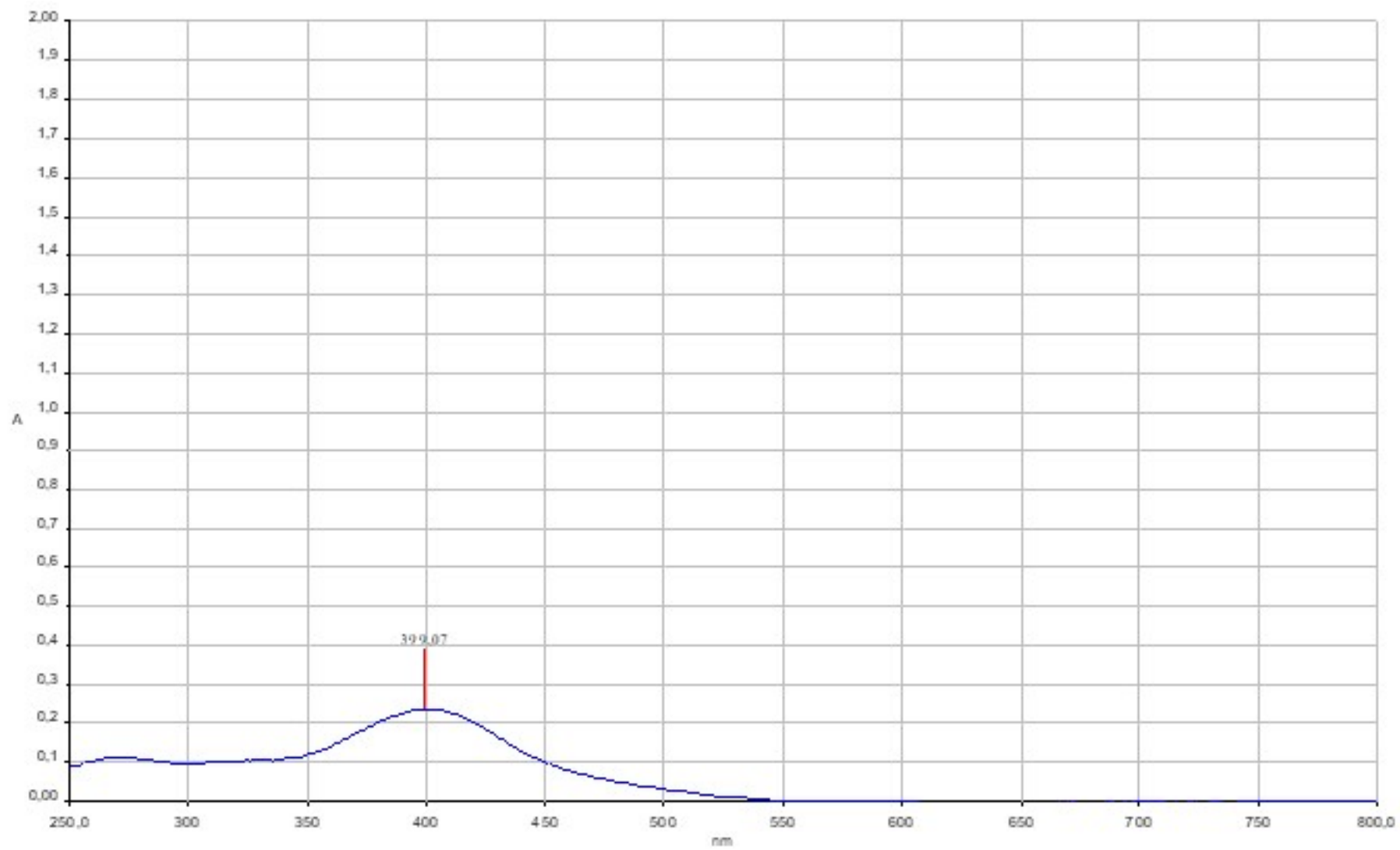


Fig. S52: UV-Vis spectrum of compound **9a** in CHCl_3 .

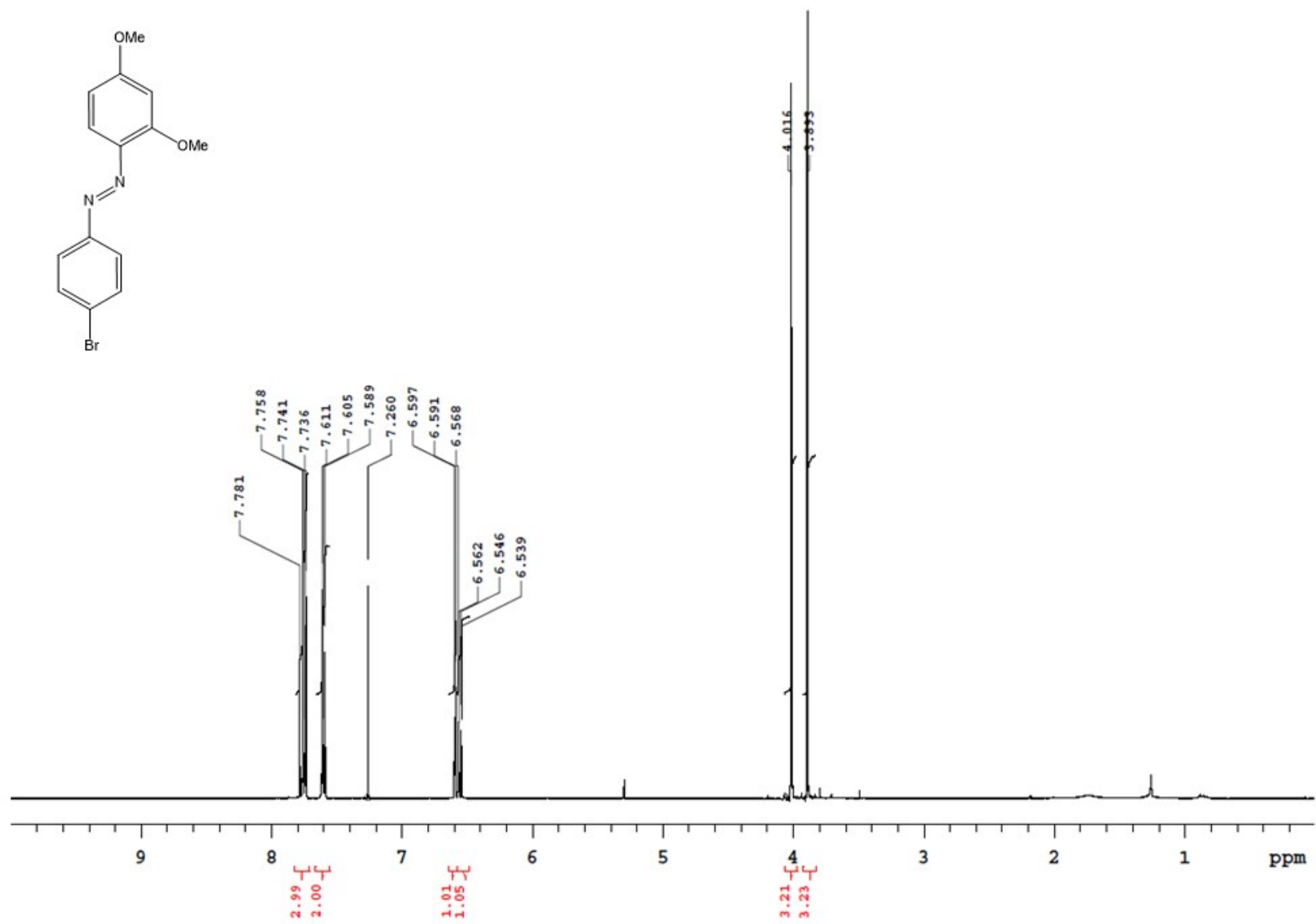


Fig. S53: ¹H-NMR spectrum of compound **9b** in CDCl₃.

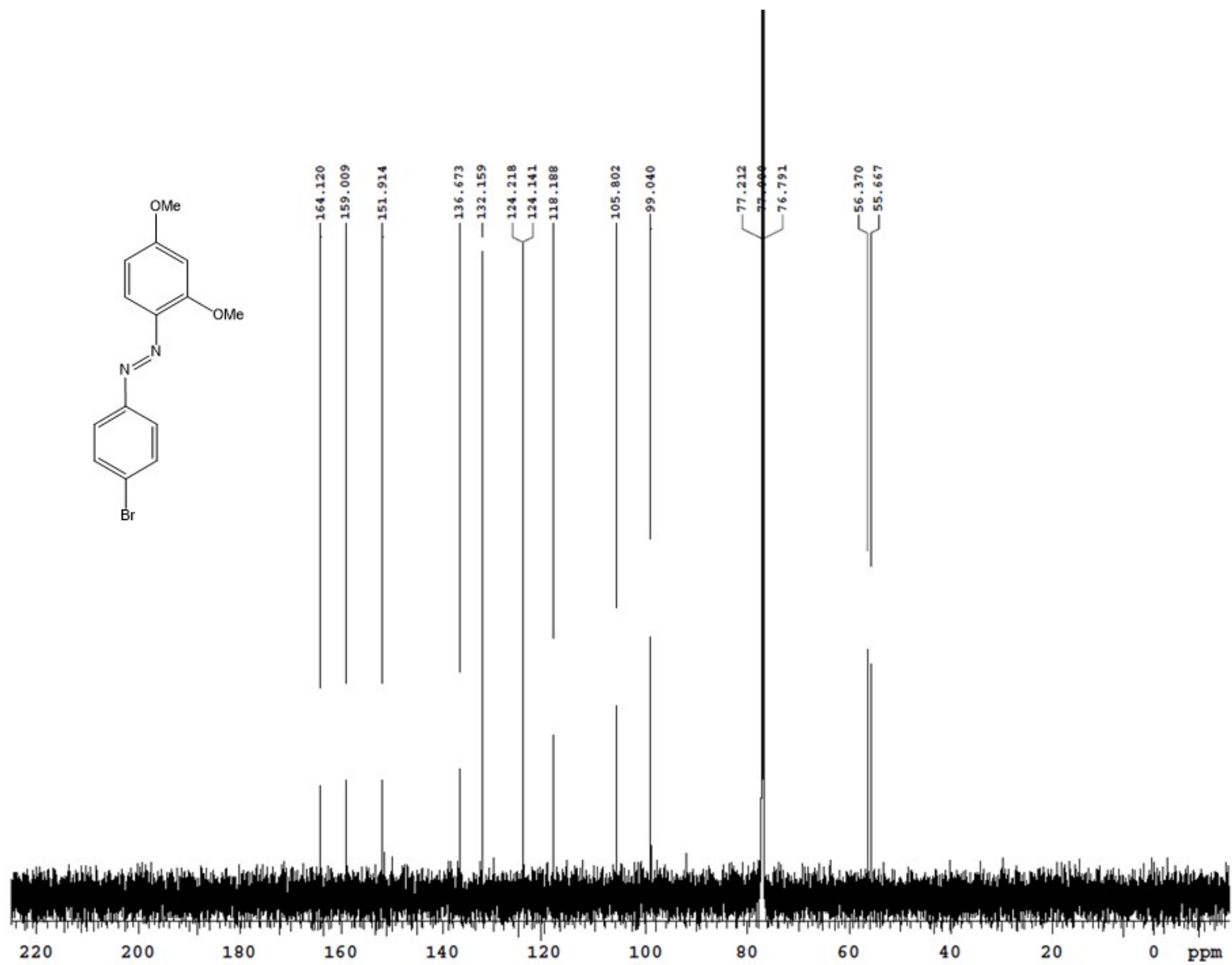


Fig. S54: ^{13}C -NMR spectrum of compound **9b** in CDCl_3 .

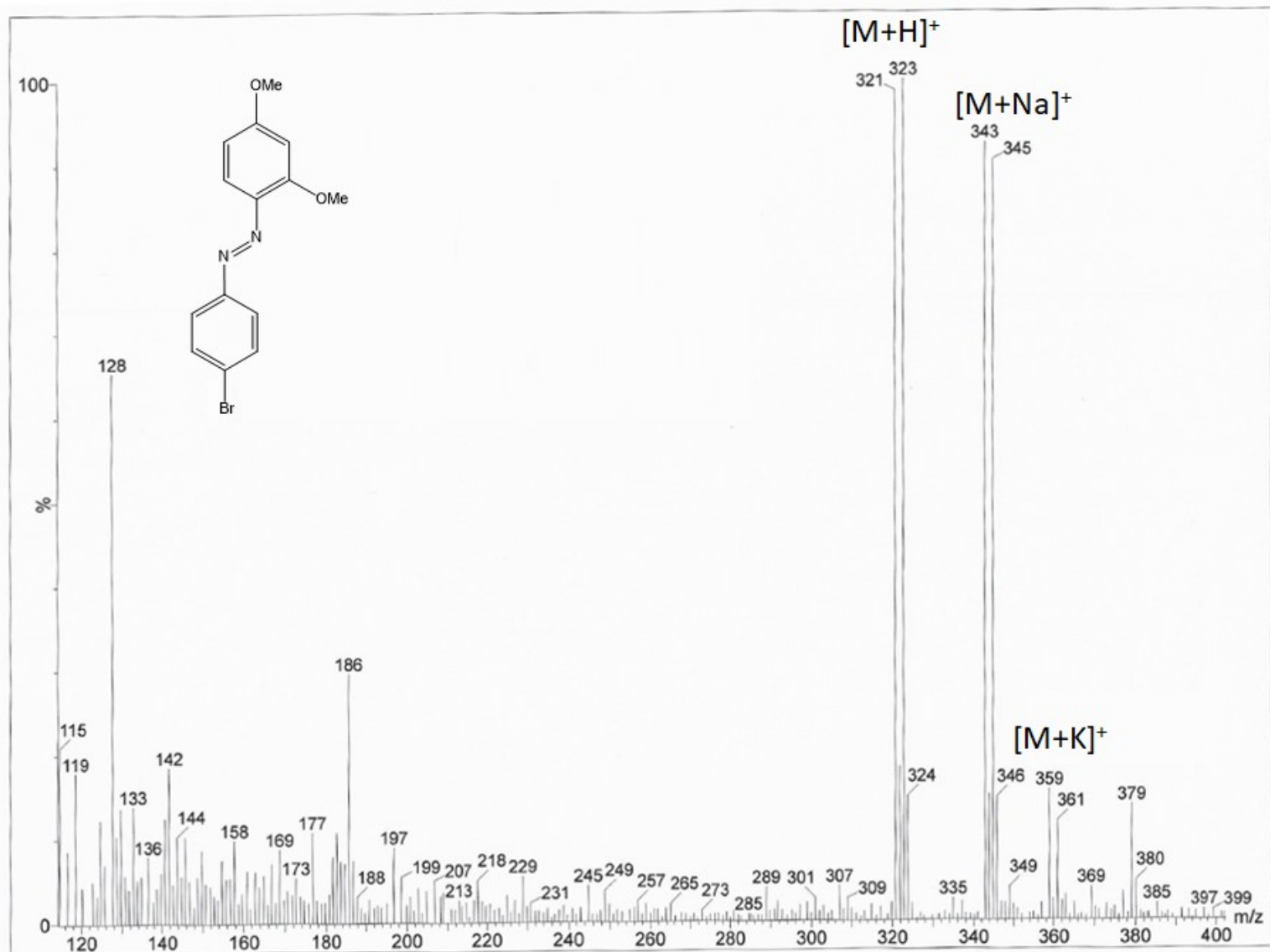


Fig. S55: ESI-MS⁺ (*m/z*) spectrum of compound 9b.

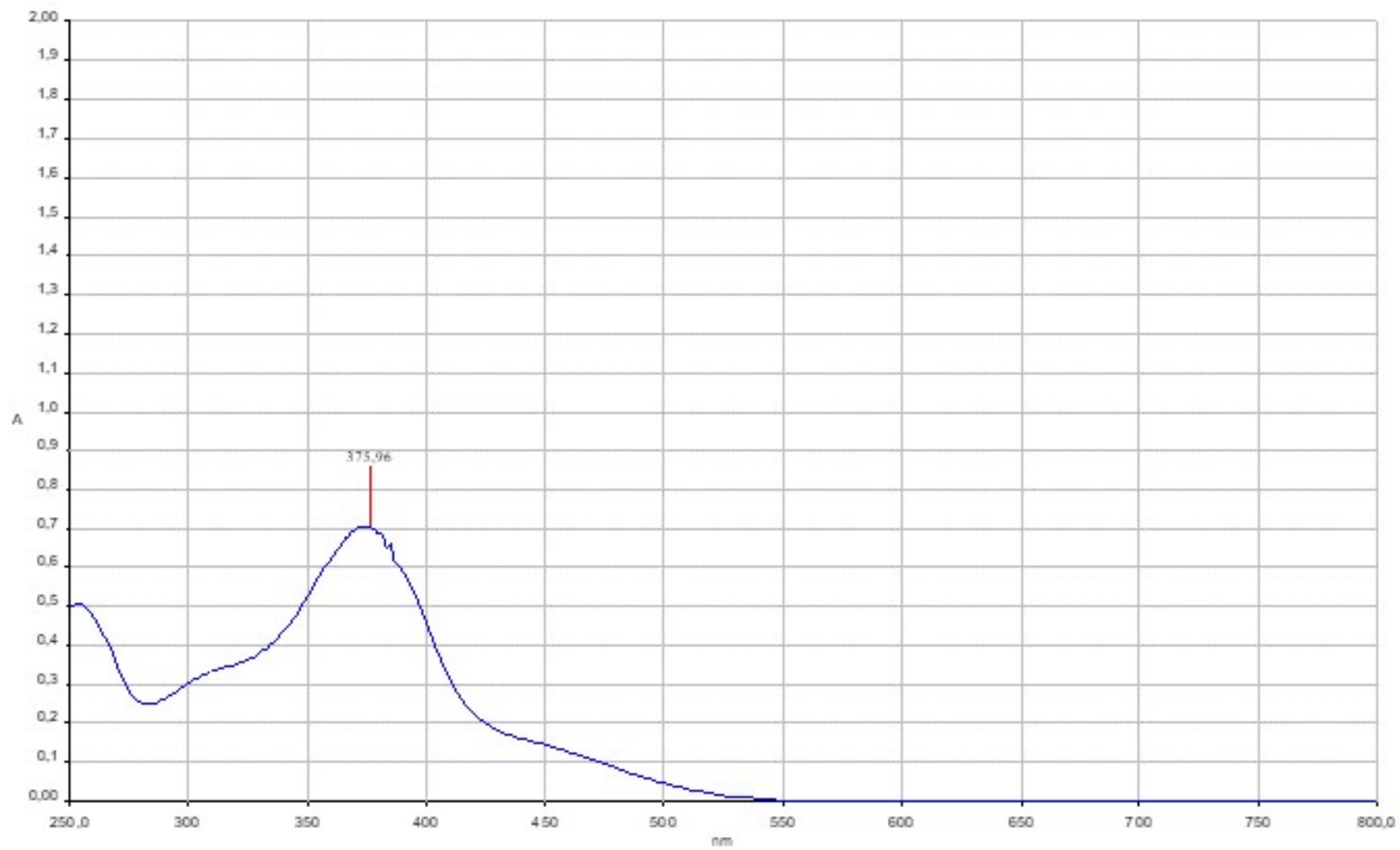


Fig. S56: UV-Vis spectrum of compound **9b** in CHCl_3 .

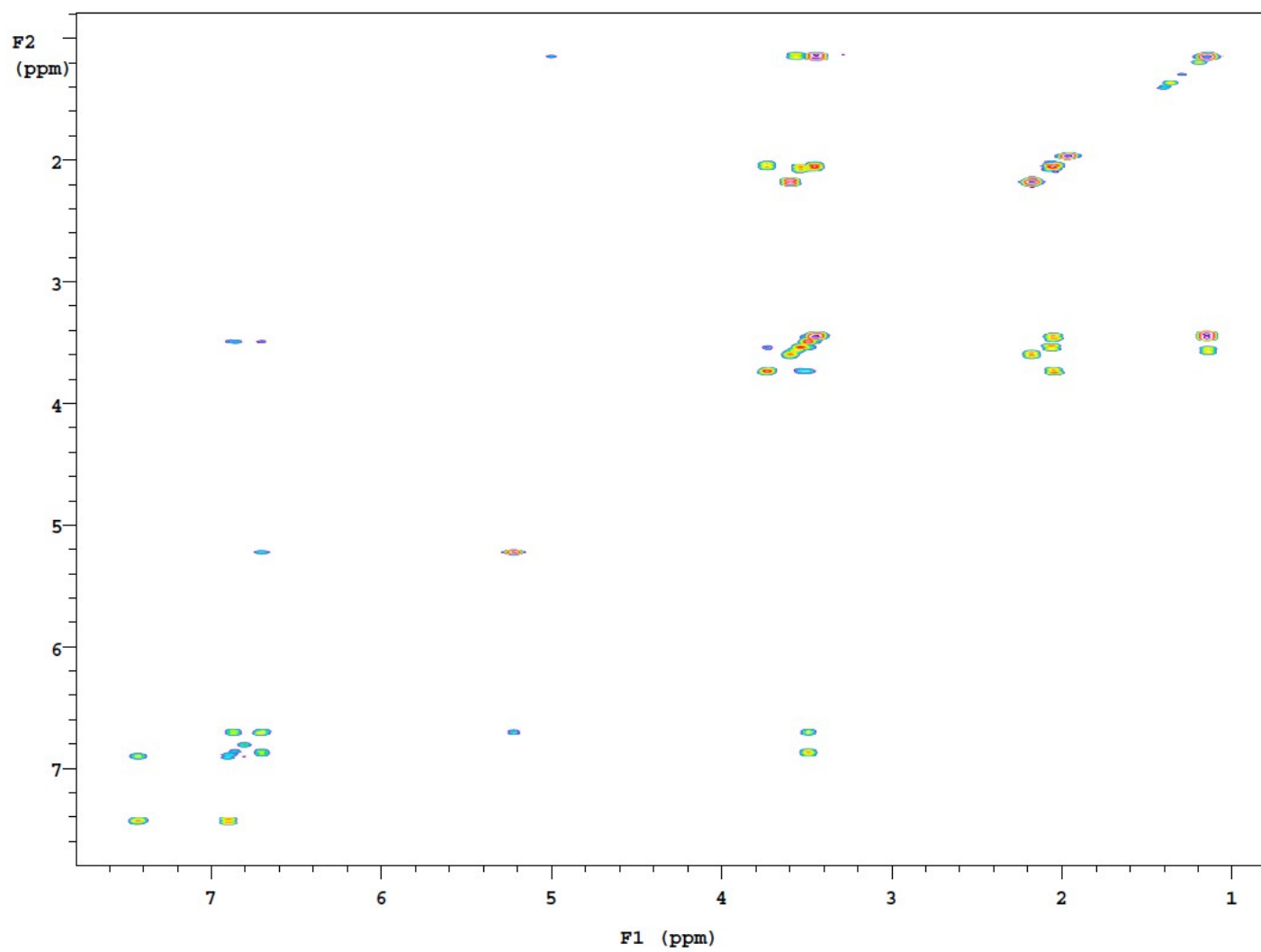


Fig. S57: COSY spectrum of the protonation reaction of compound 3.

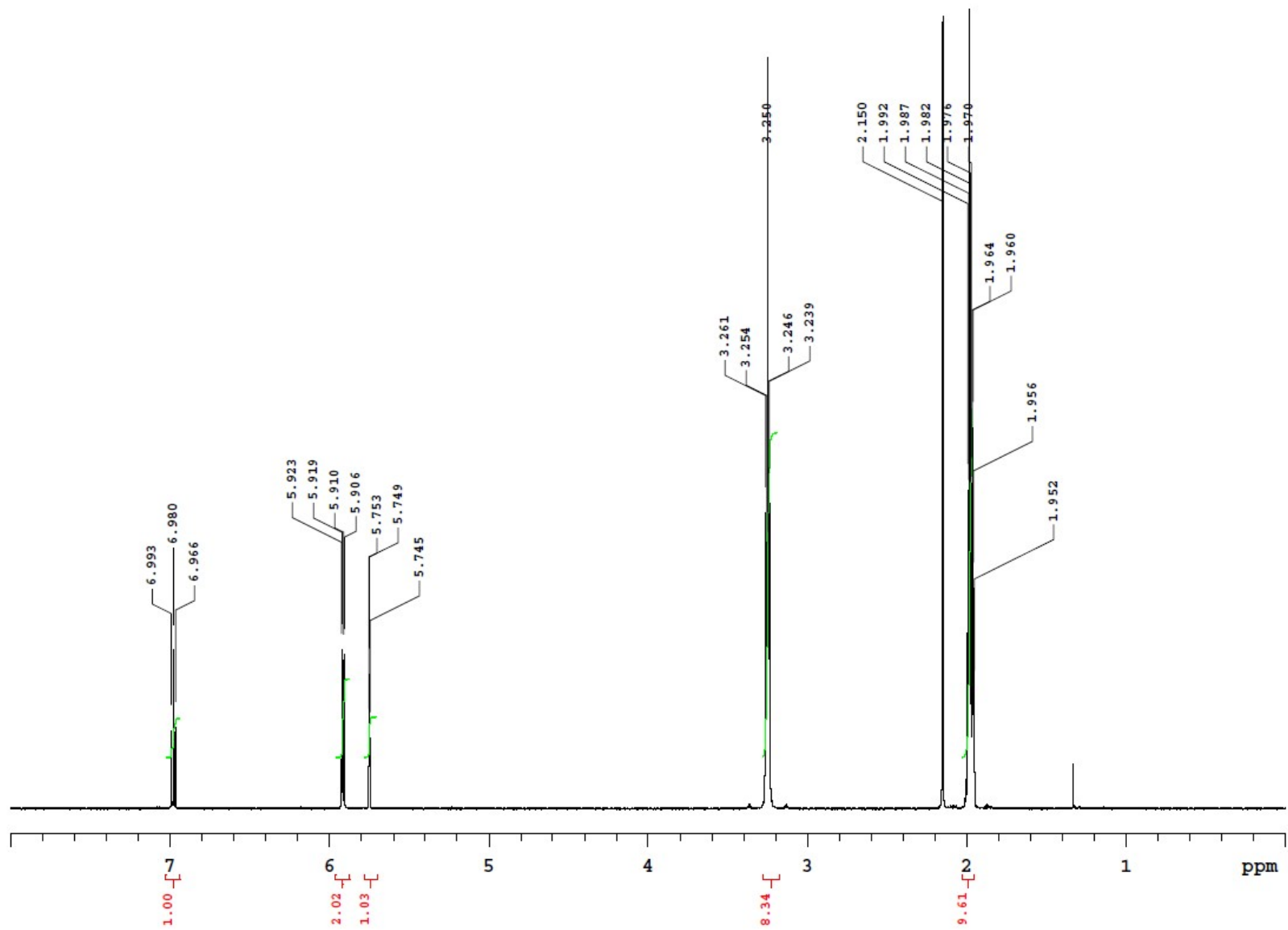


Fig. S58: ^1H -NMR spectrum of compound **3** in CD_3CN .