Suplementary Material

Synthesis and Anticancer Evaluation of Some Glycine Conjugated Hybrid Compounds Containing Coumarin, Thiophene and Quinazoline Moieties

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[3]*Department of Biology, Faculty of Engineering and Natural Sciences, Manisa Celal Bayar University, 45140 Manisa, Türkiye*

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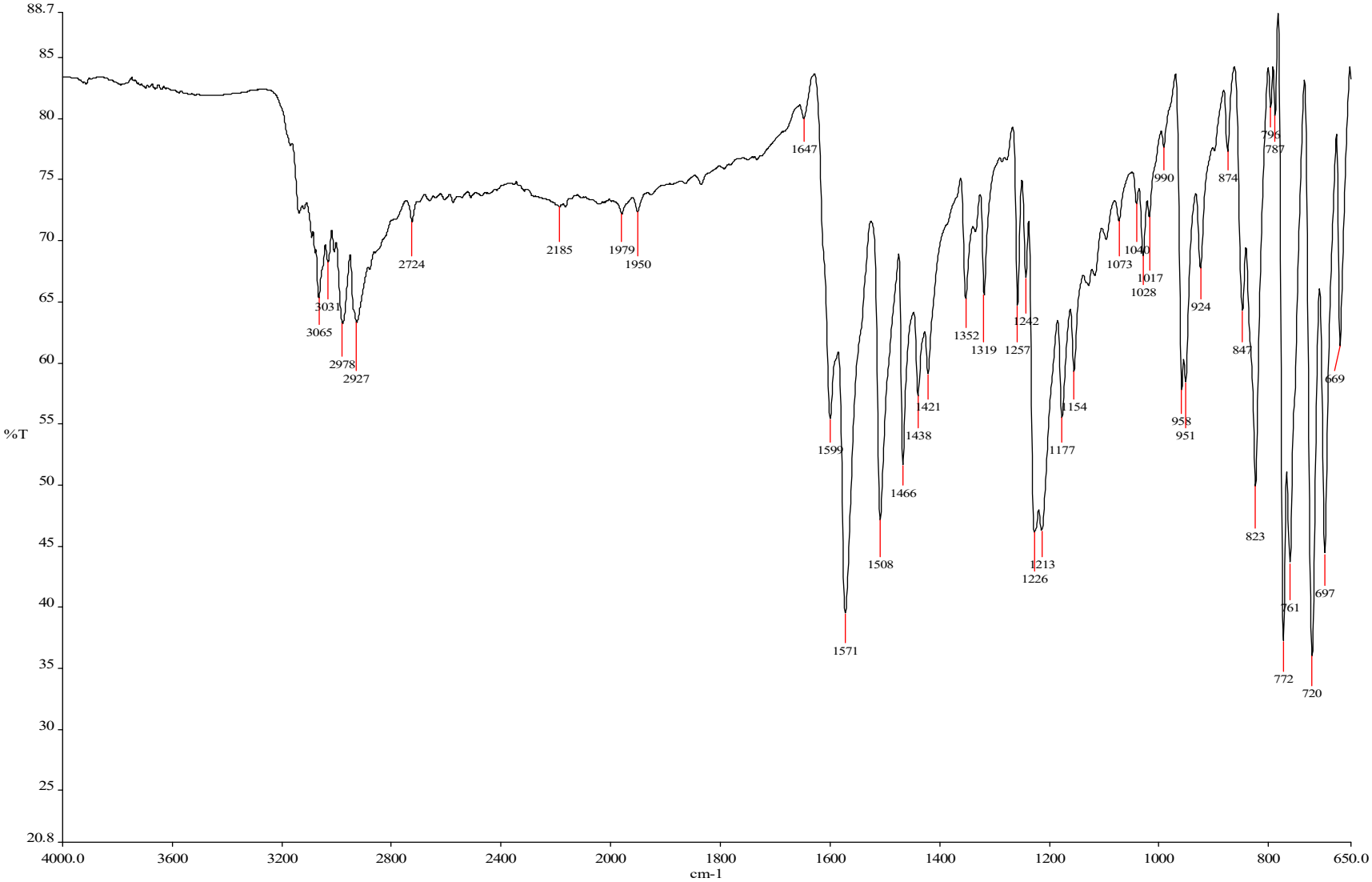


Figure S1: IR spectra of compound **2**

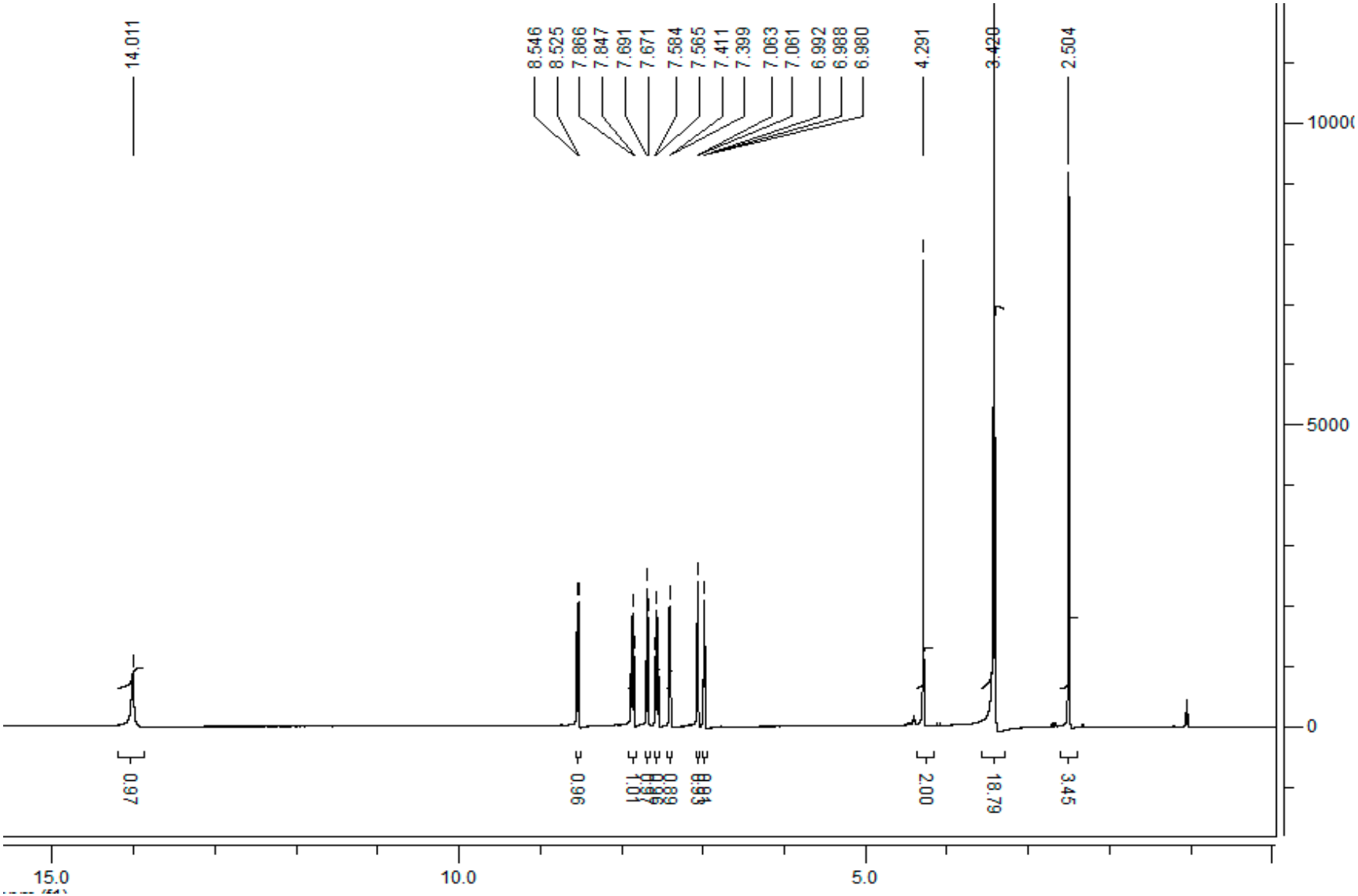


Figure S2:[1]H NMR spectra of compound **2** (DMSO-d_6)

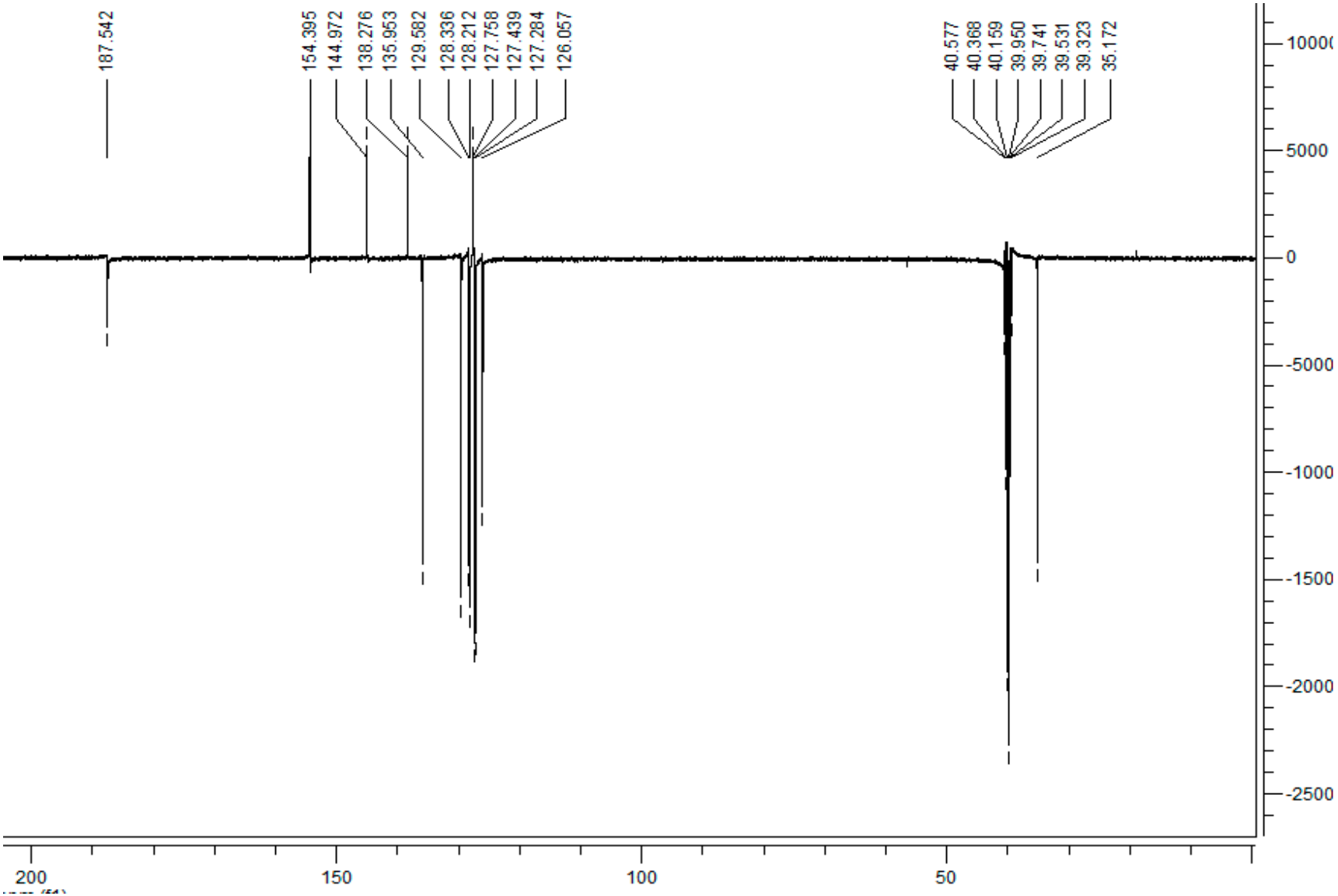


Figure S3: ^{13}C NMR (APT) spectra of compound **2** (DMSO-d_6)

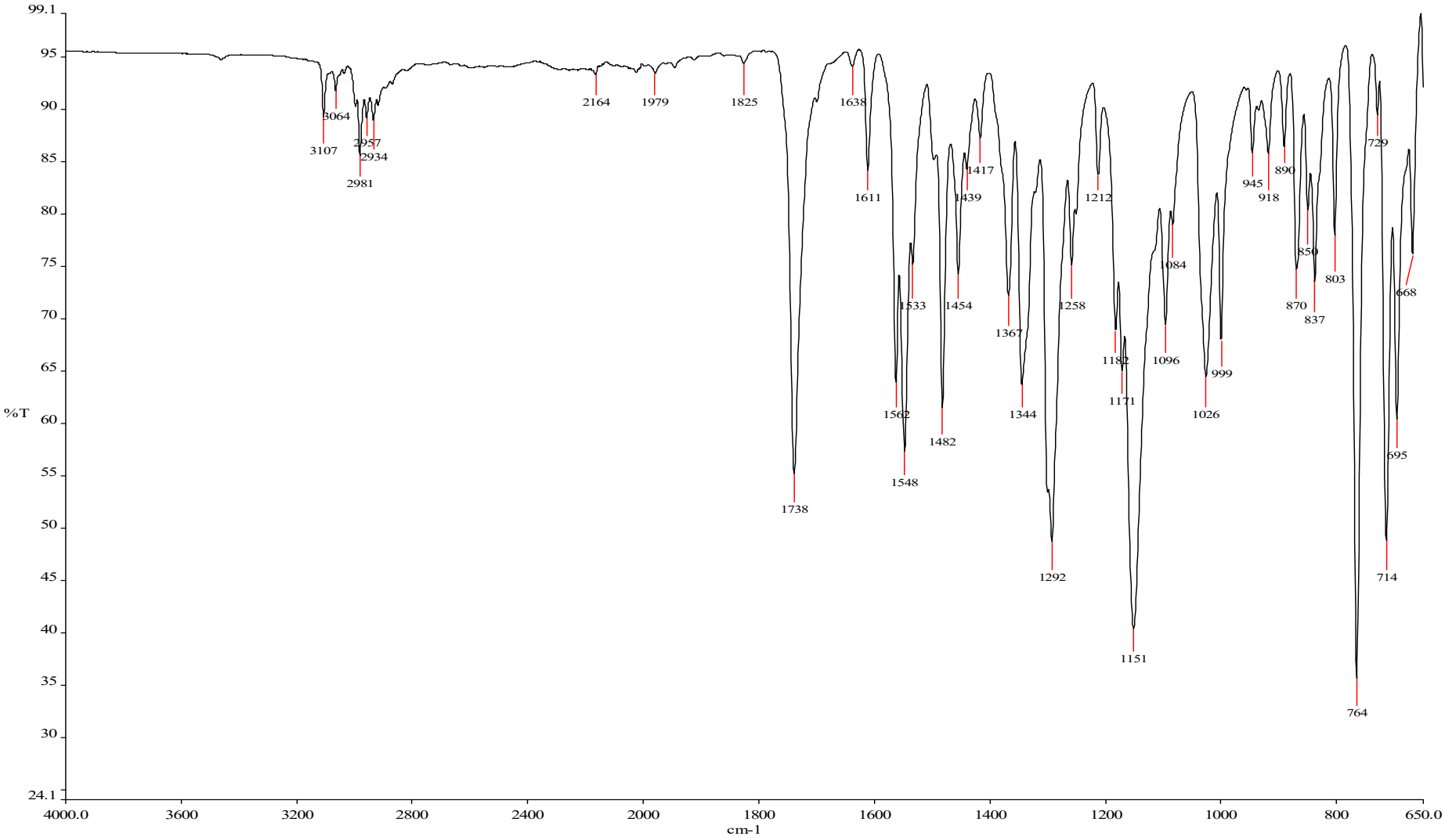


Figure S4: IR spectra of compound **3**

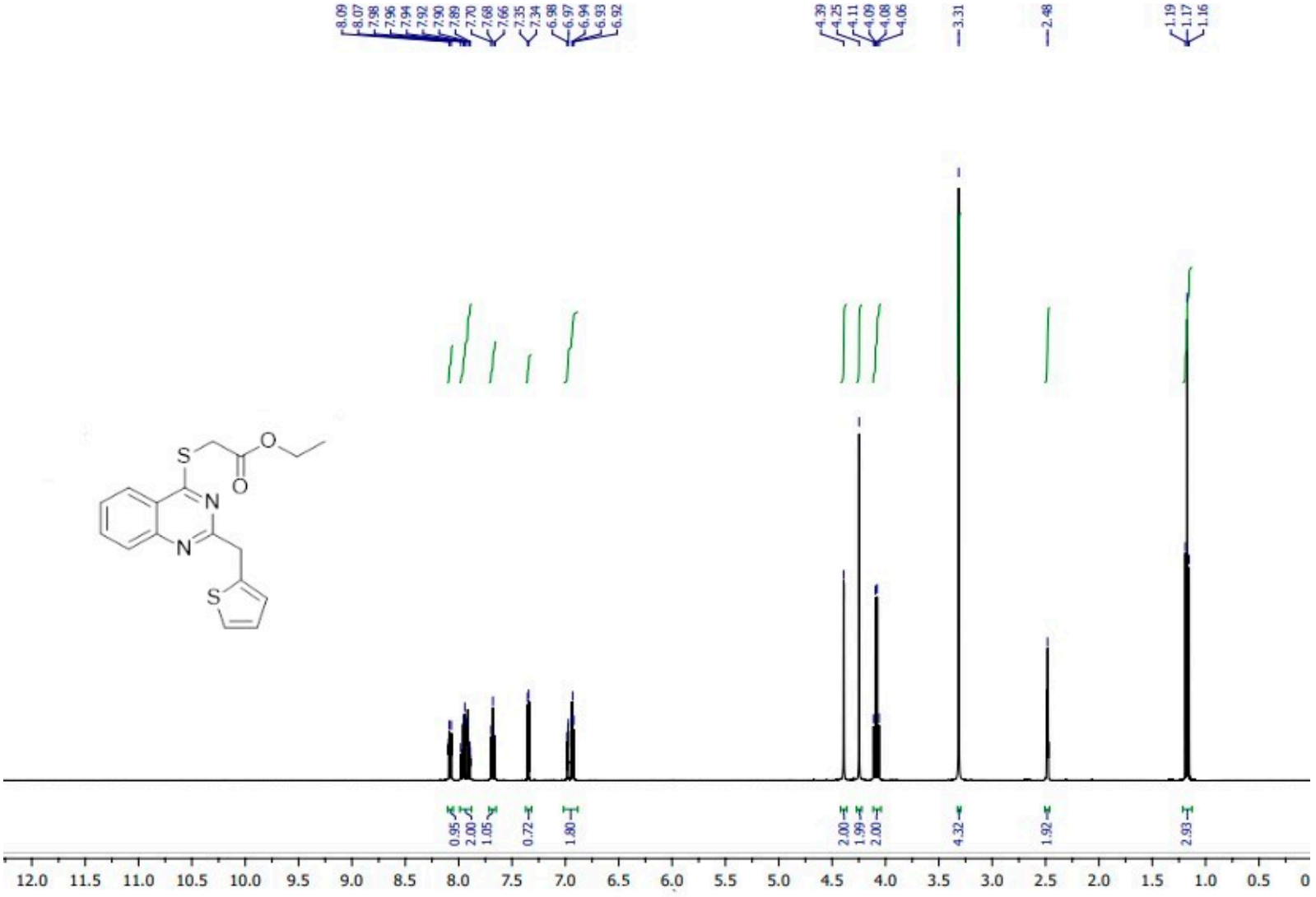


Figure S5: ^{1}H NMR spectra of compound **3** (DMSO-d_6)

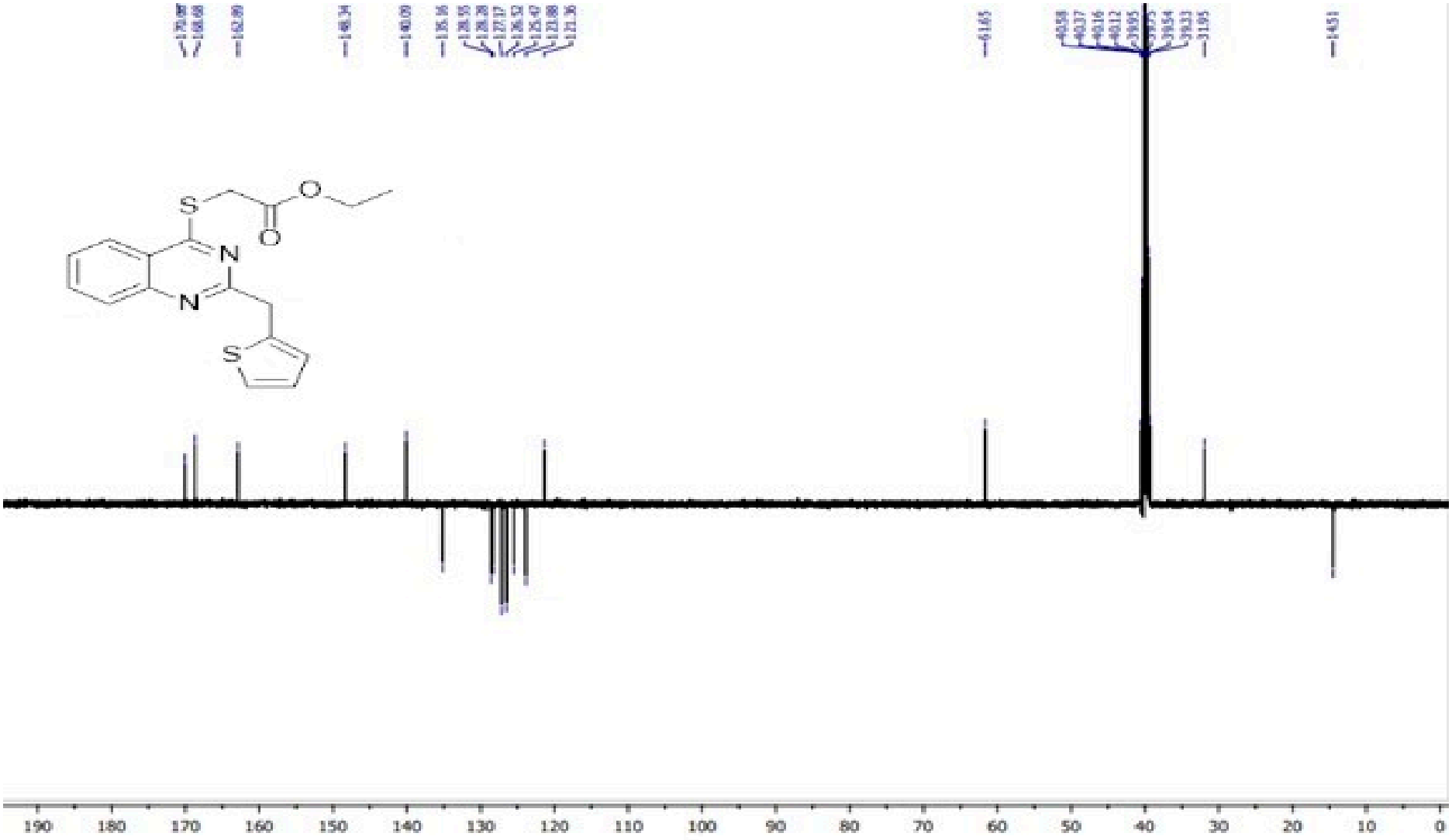


Figure S6: ^{13}C NMR (APT) spectra of compound **3** (DMSO-d_6)

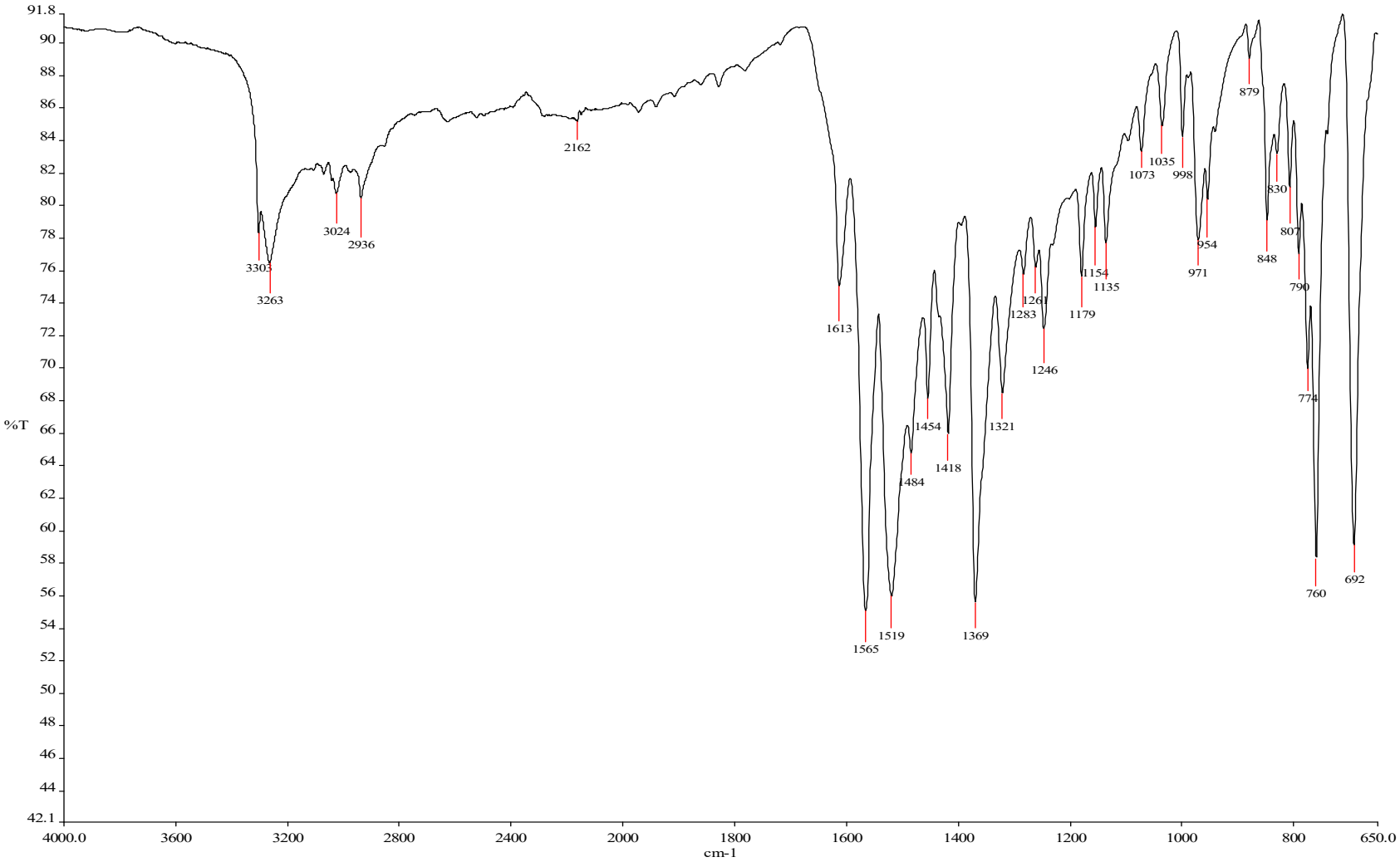


Figure S7: IR spectra of compound **4**

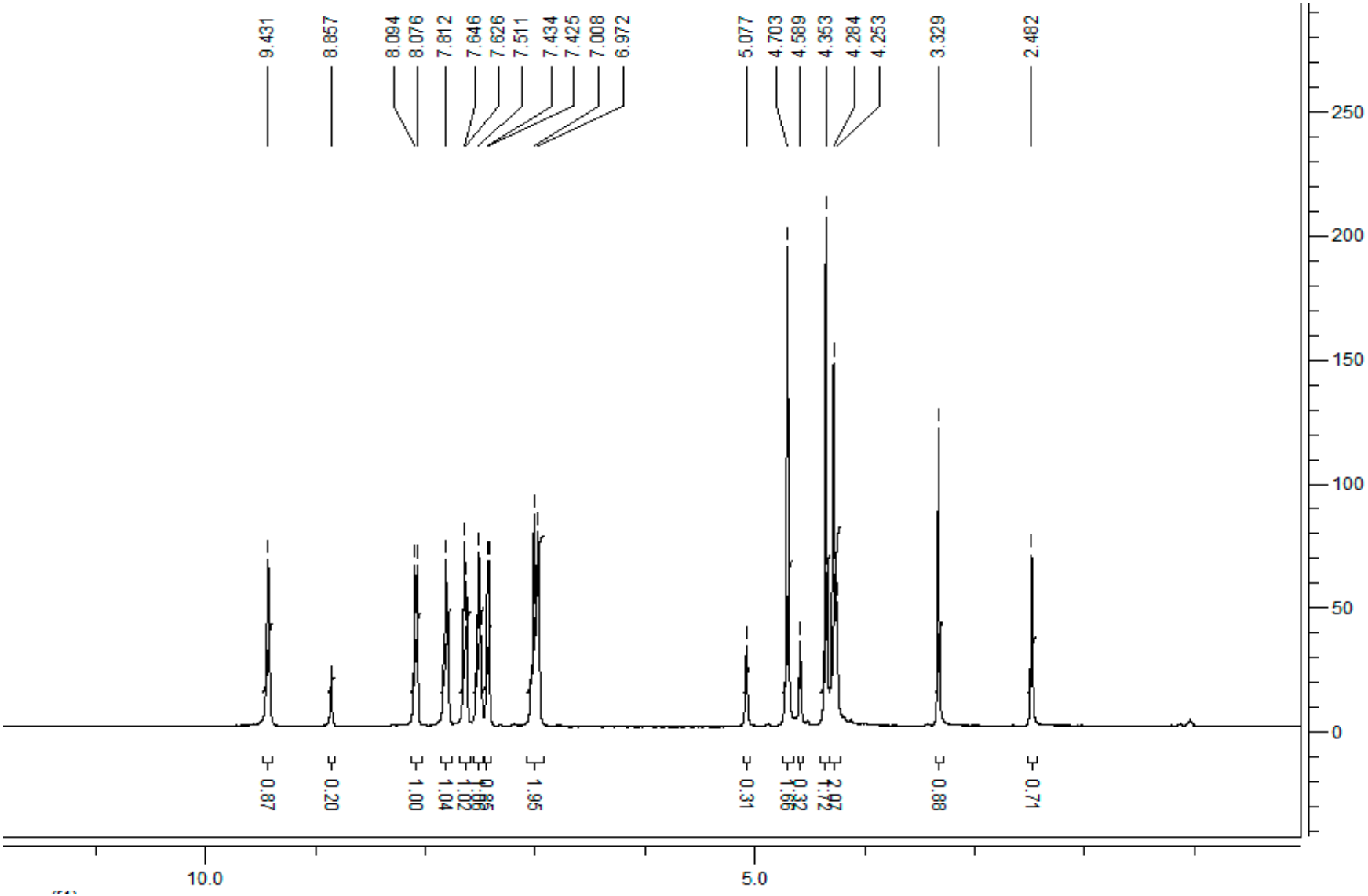


Figure S8: ^{1}H NMR spectra of compound **4** (DMSO-d_6)

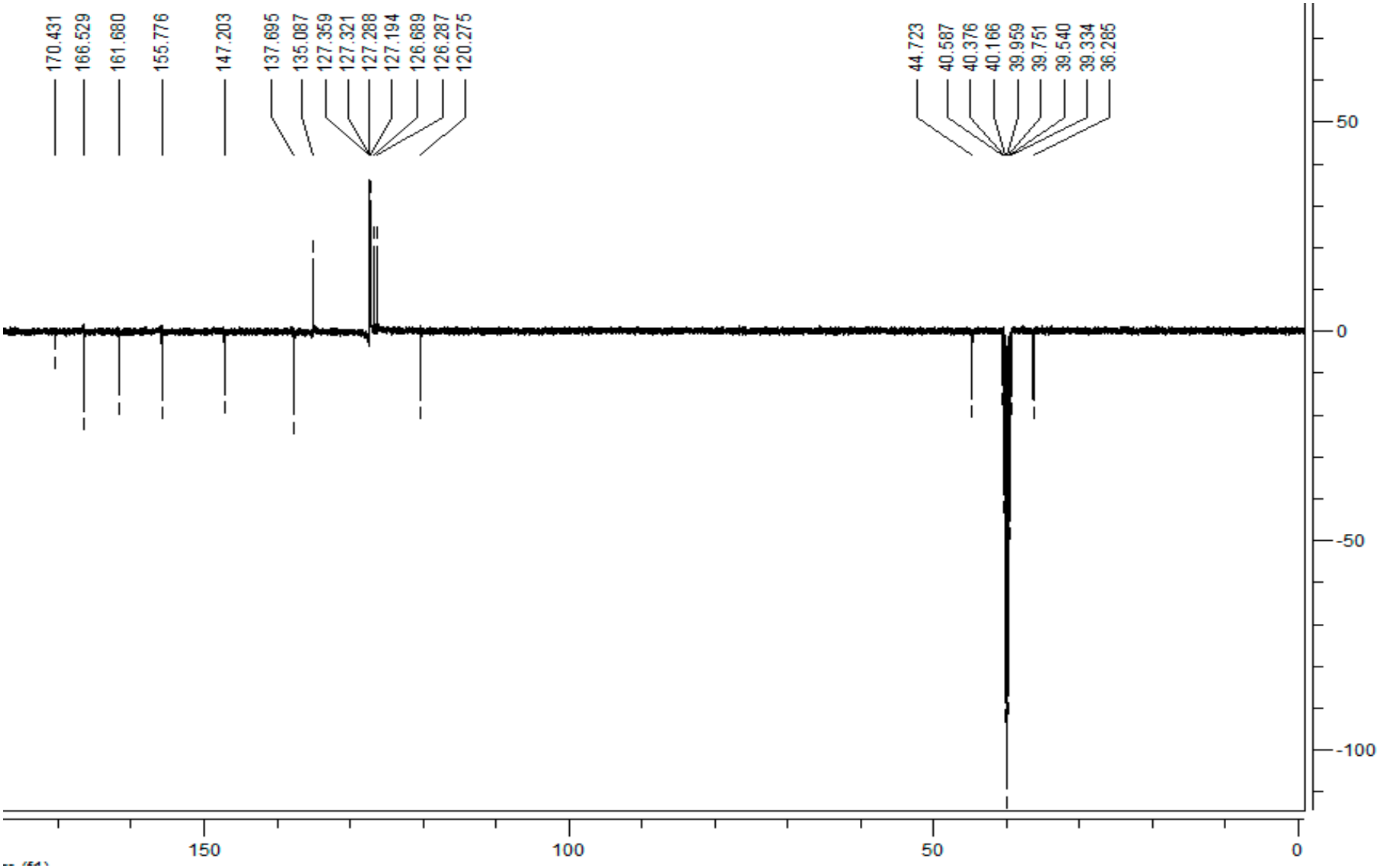


Figure S9: ^{13}C NMR (APT) spectra of compound **4** (DMSO-d_6)

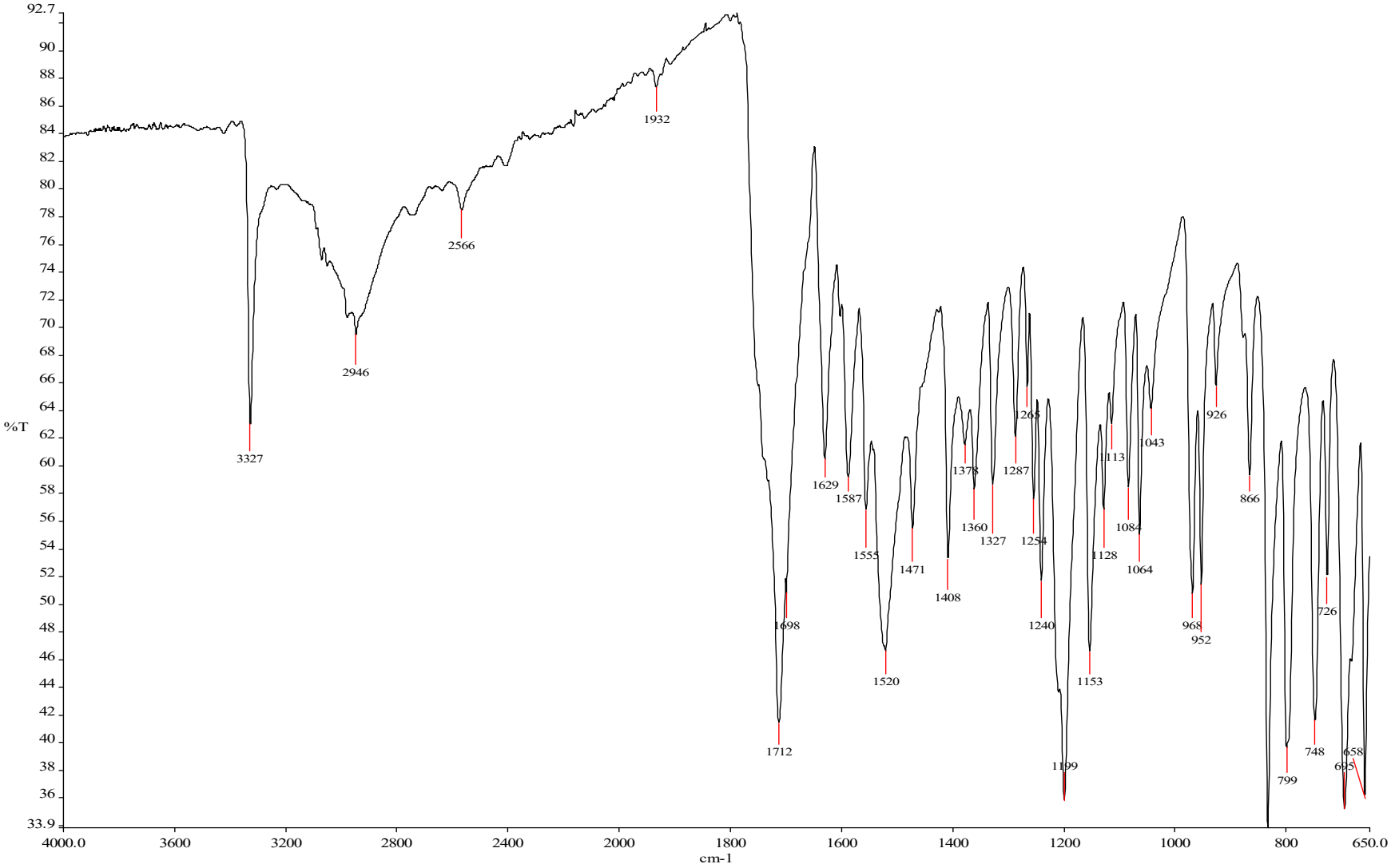


Figure S10: IR spectra of compound **7b**

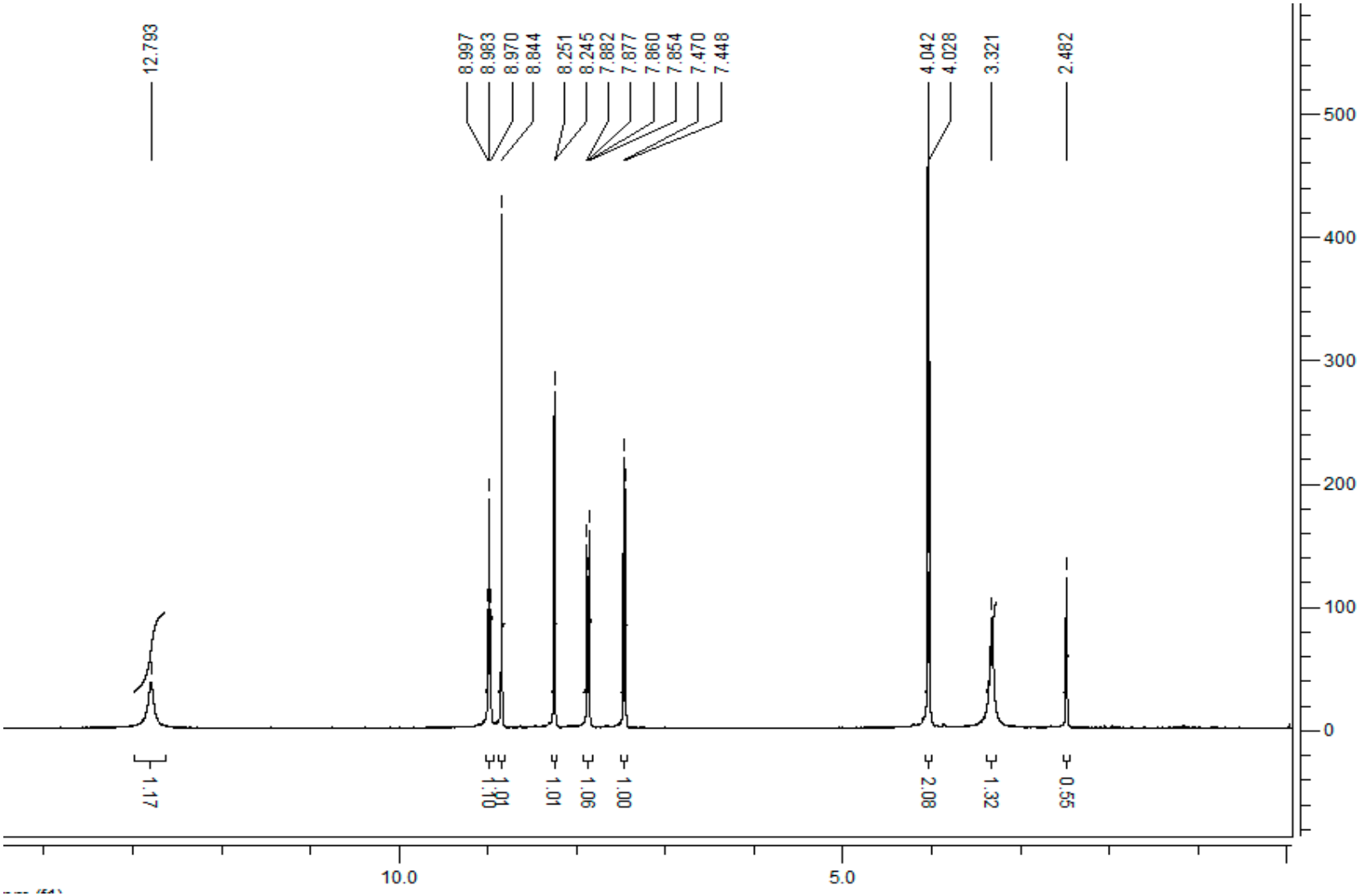


Figure S11: ^{1}H NMR spectra of compound **7b** (DMSO-d_6)

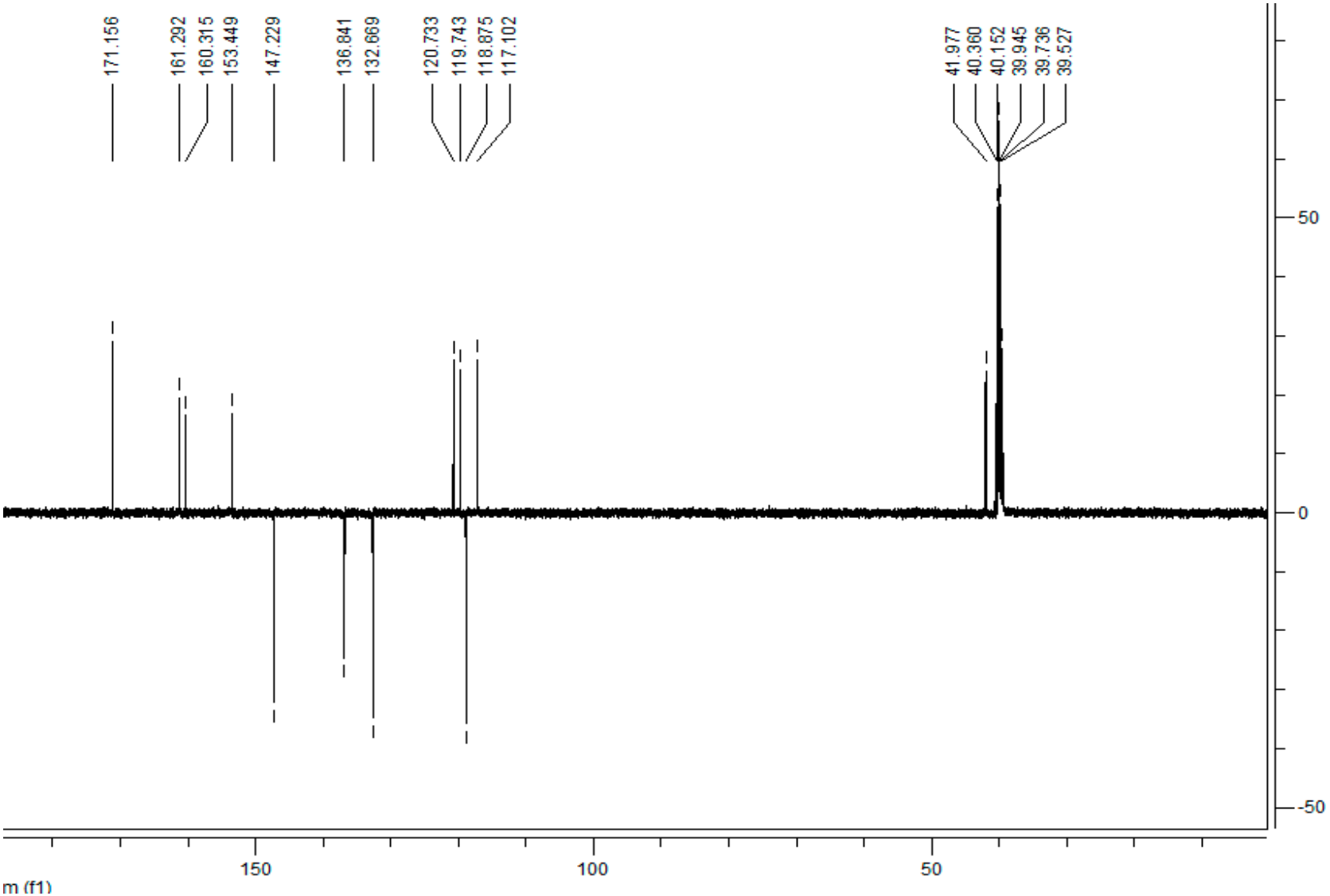


Figure S12: ^{13}C NMR (APT) spectra of compound **7b** (DMSO-d_6)

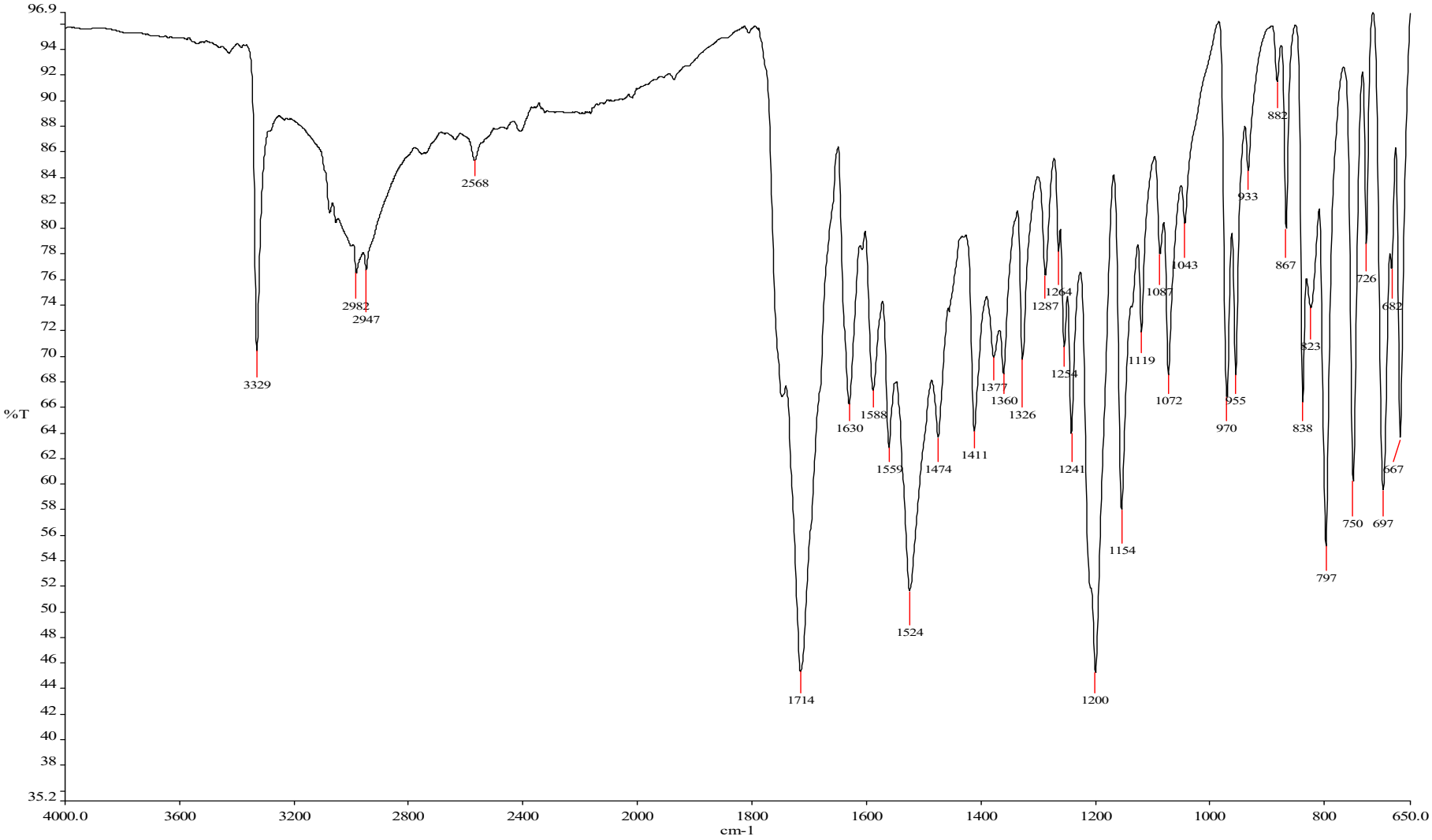


Figure S13: IR spectra of compound **7c**

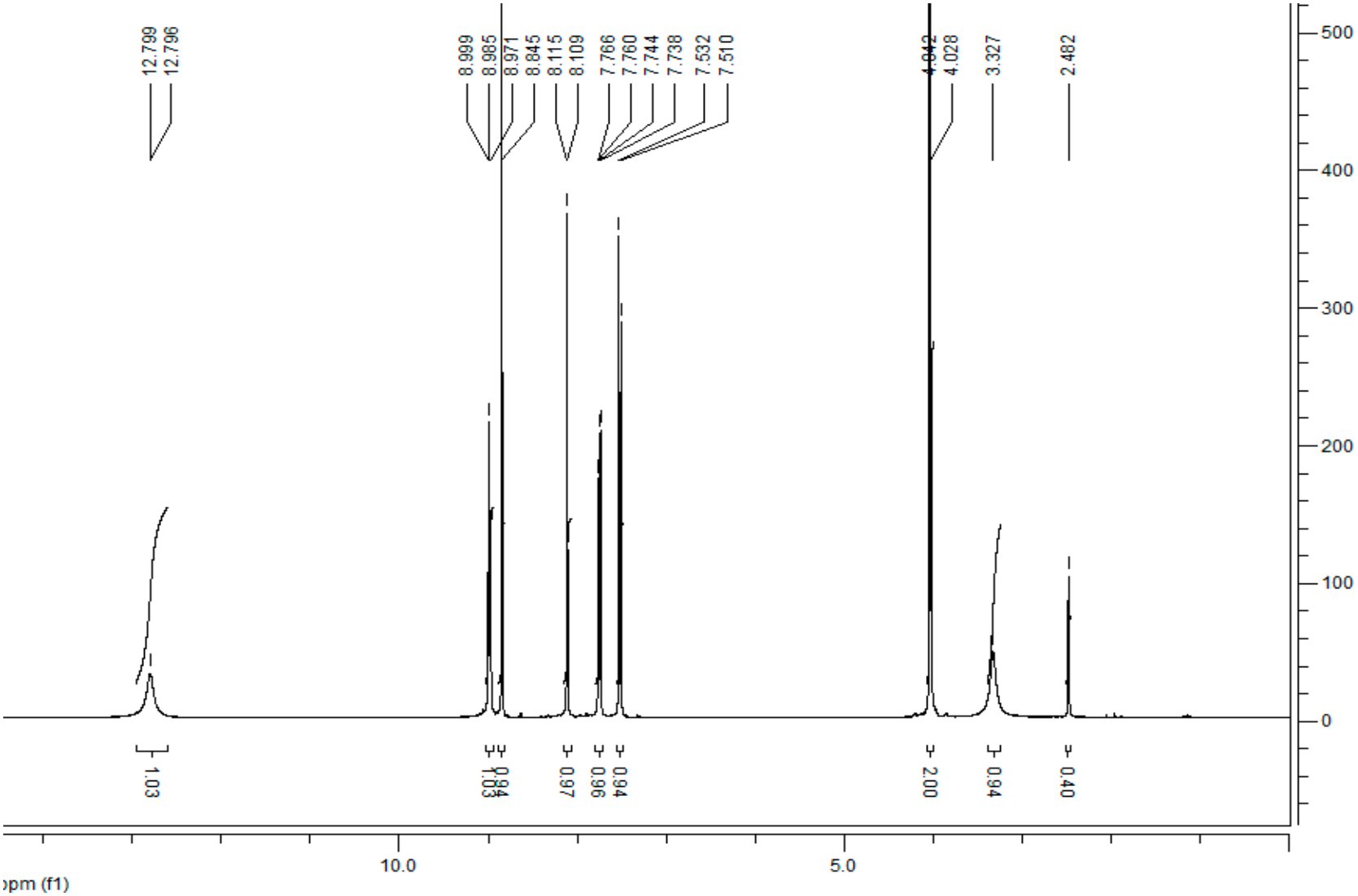


Figure S14: ^{1}H NMR spectra of compound **7c** (DMSO-d_6)

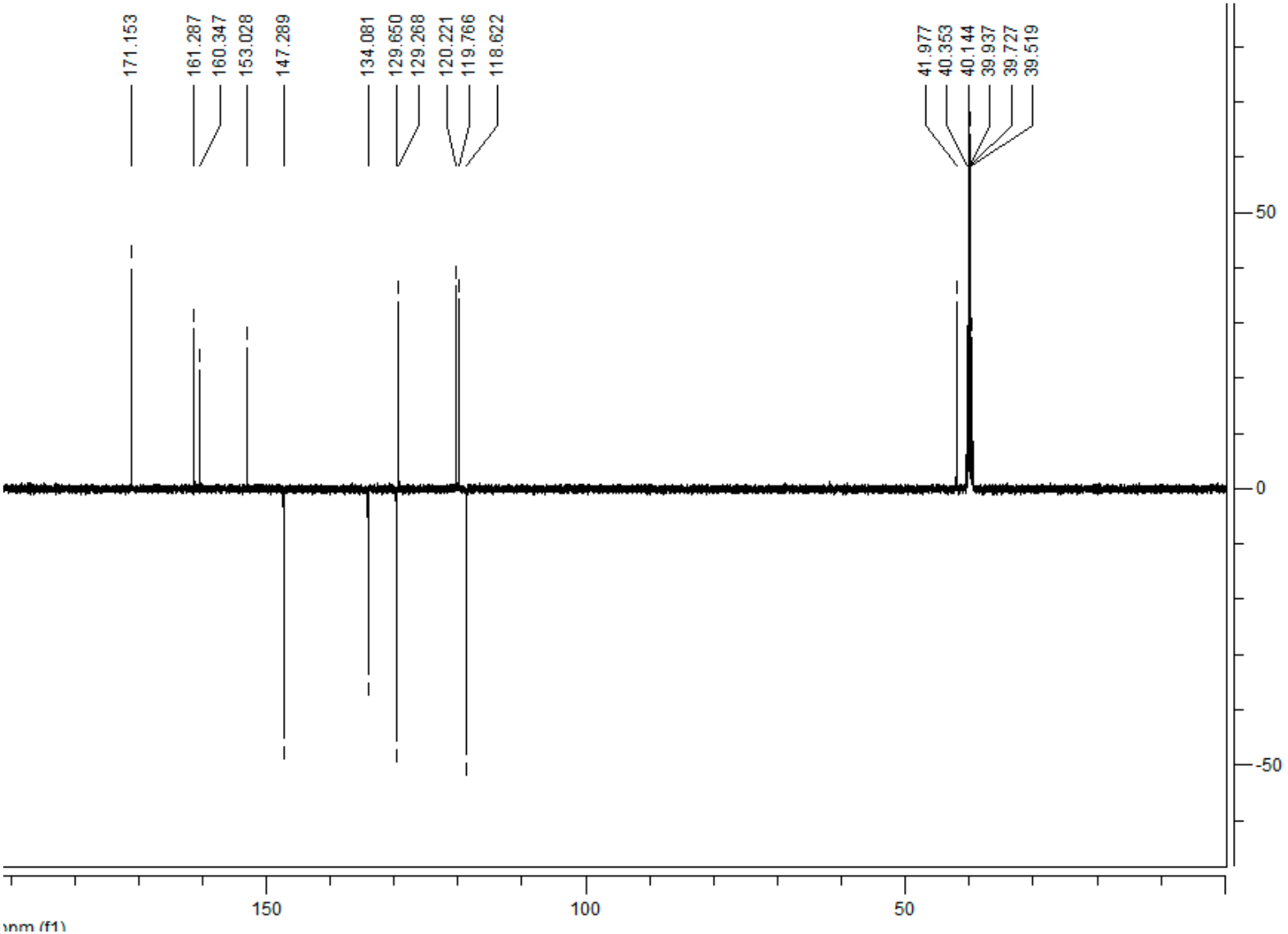


Figure S15: ^{13}C NMR (APT) spectra of compound **7c** (DMSO-d_6)

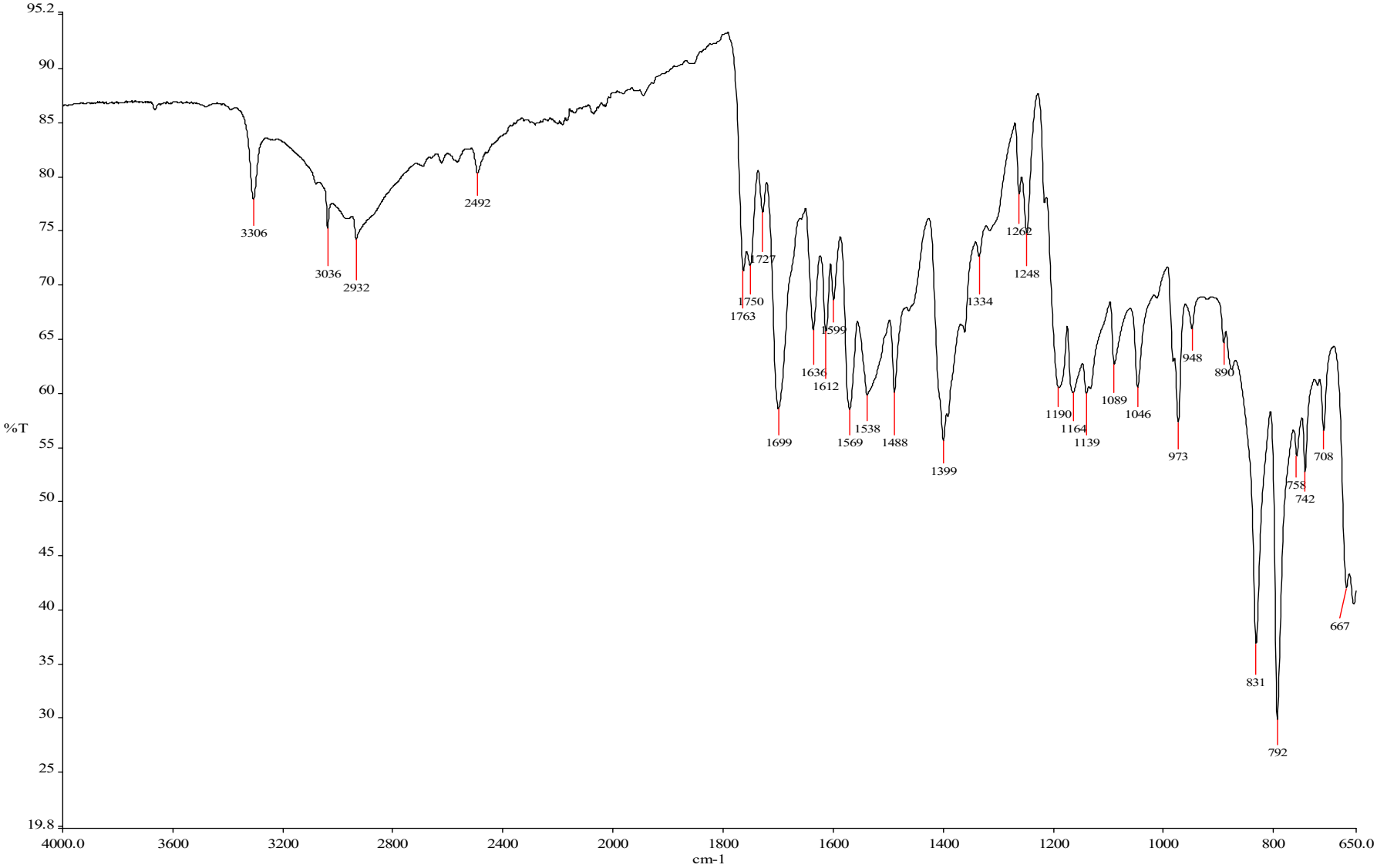


Figure S16: IR spectra of compound **7d**

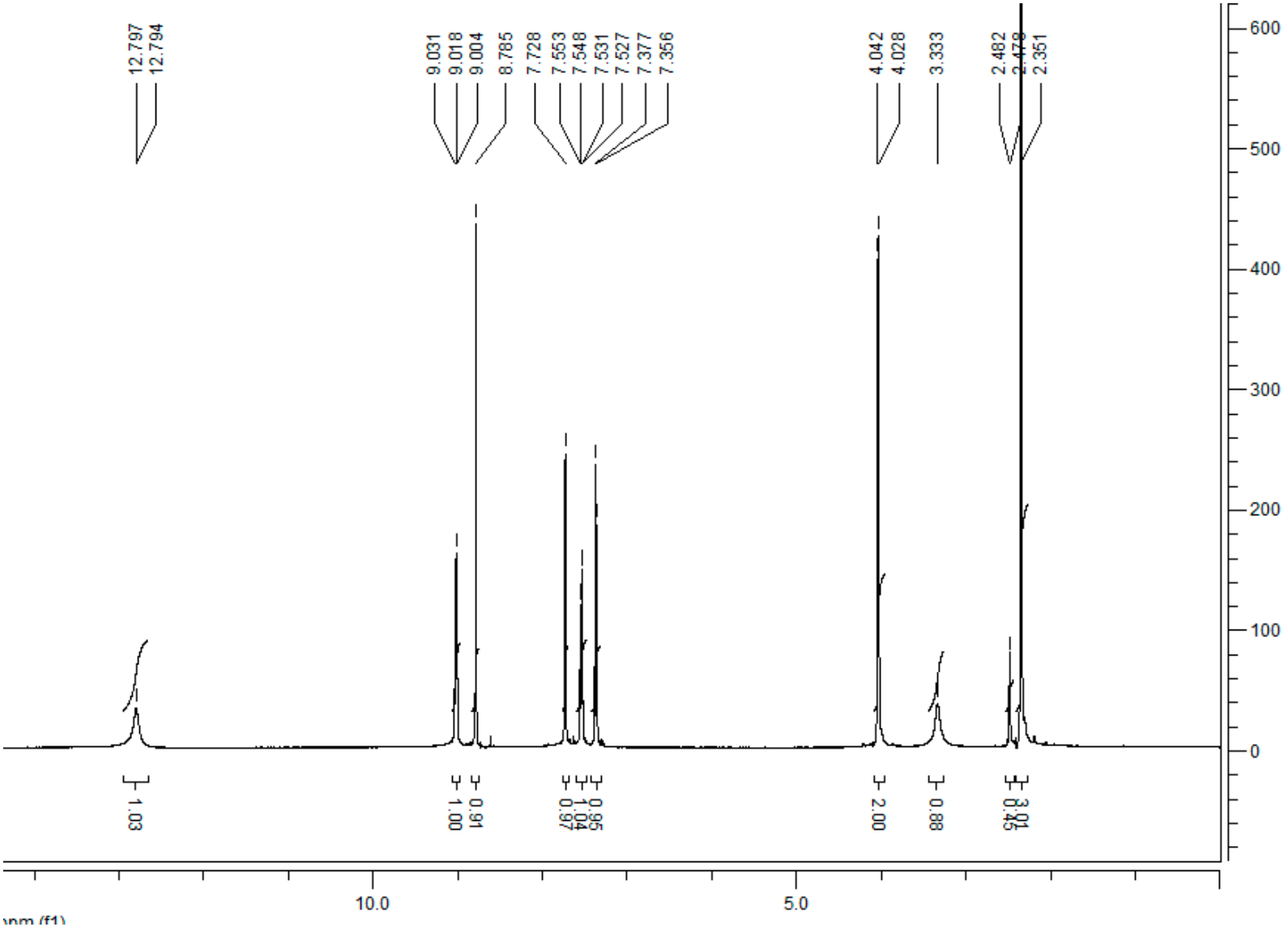


Figure S17: ^{1}H NMR spectra of compound **7d** (DMSO-d_6)

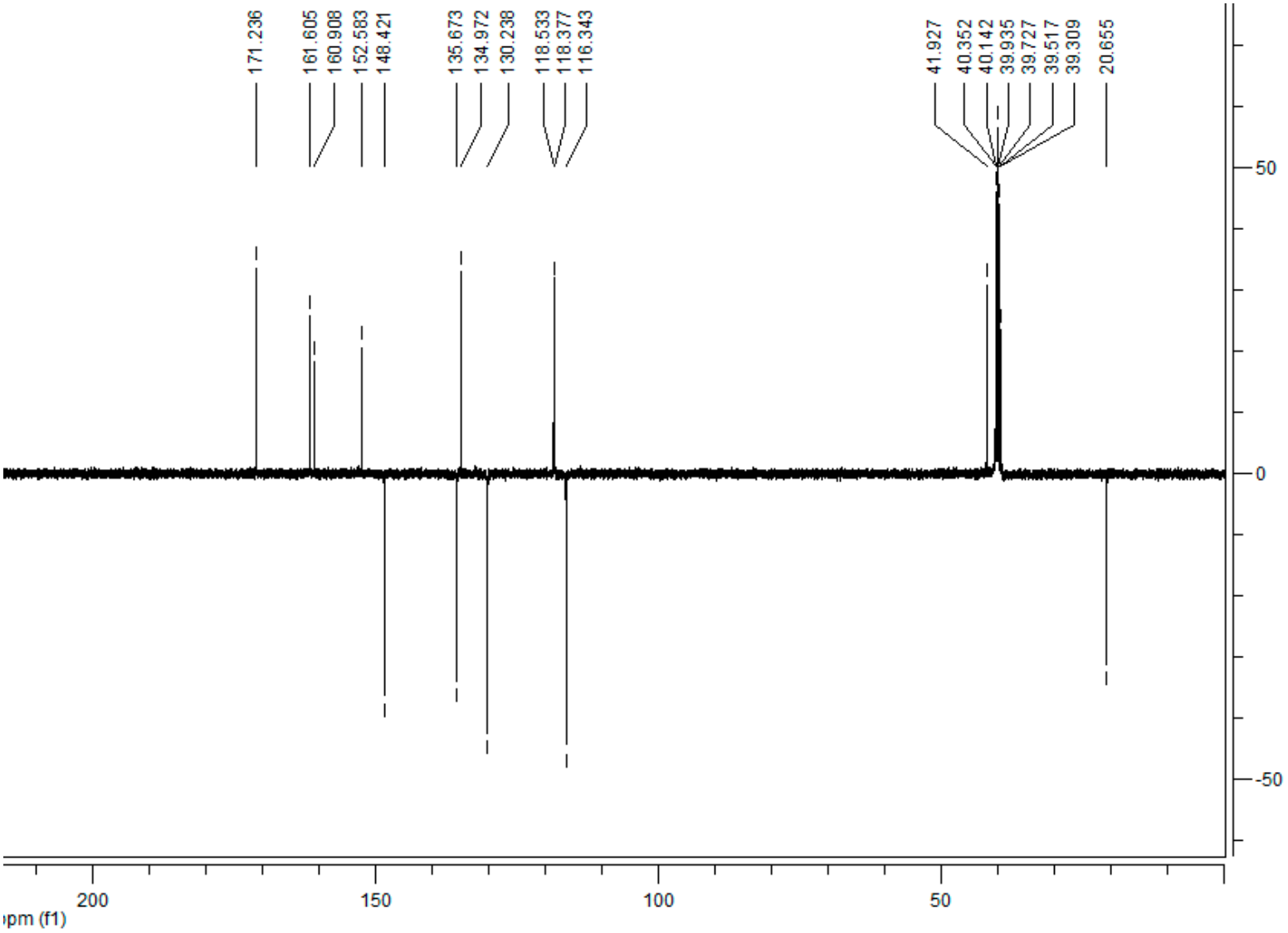


Figure S18: ^{13}C NMR (APT) spectra of compound **7d** (DMSO-d_6)

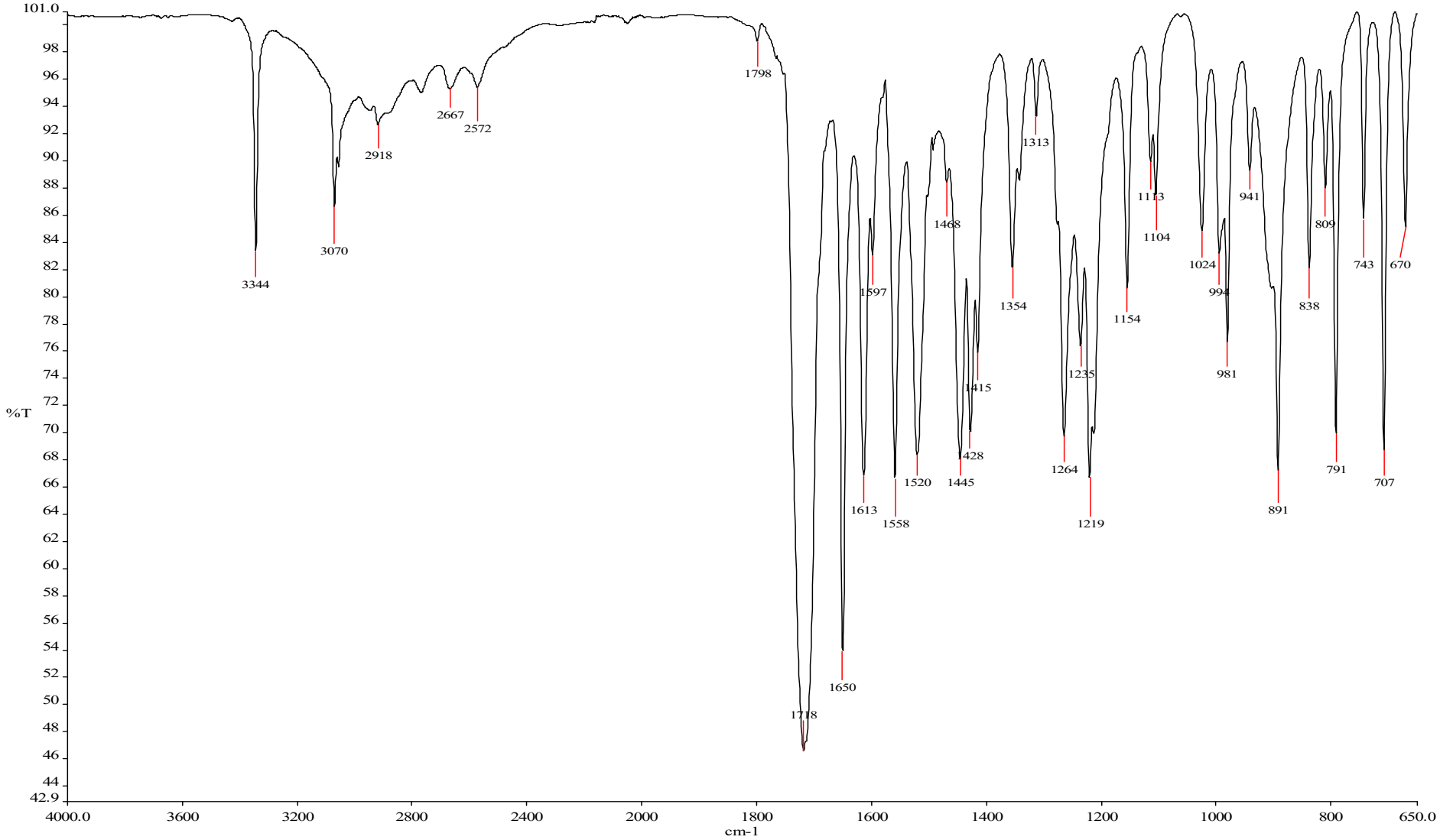


Figure S19: IR spectra of compound **7e**

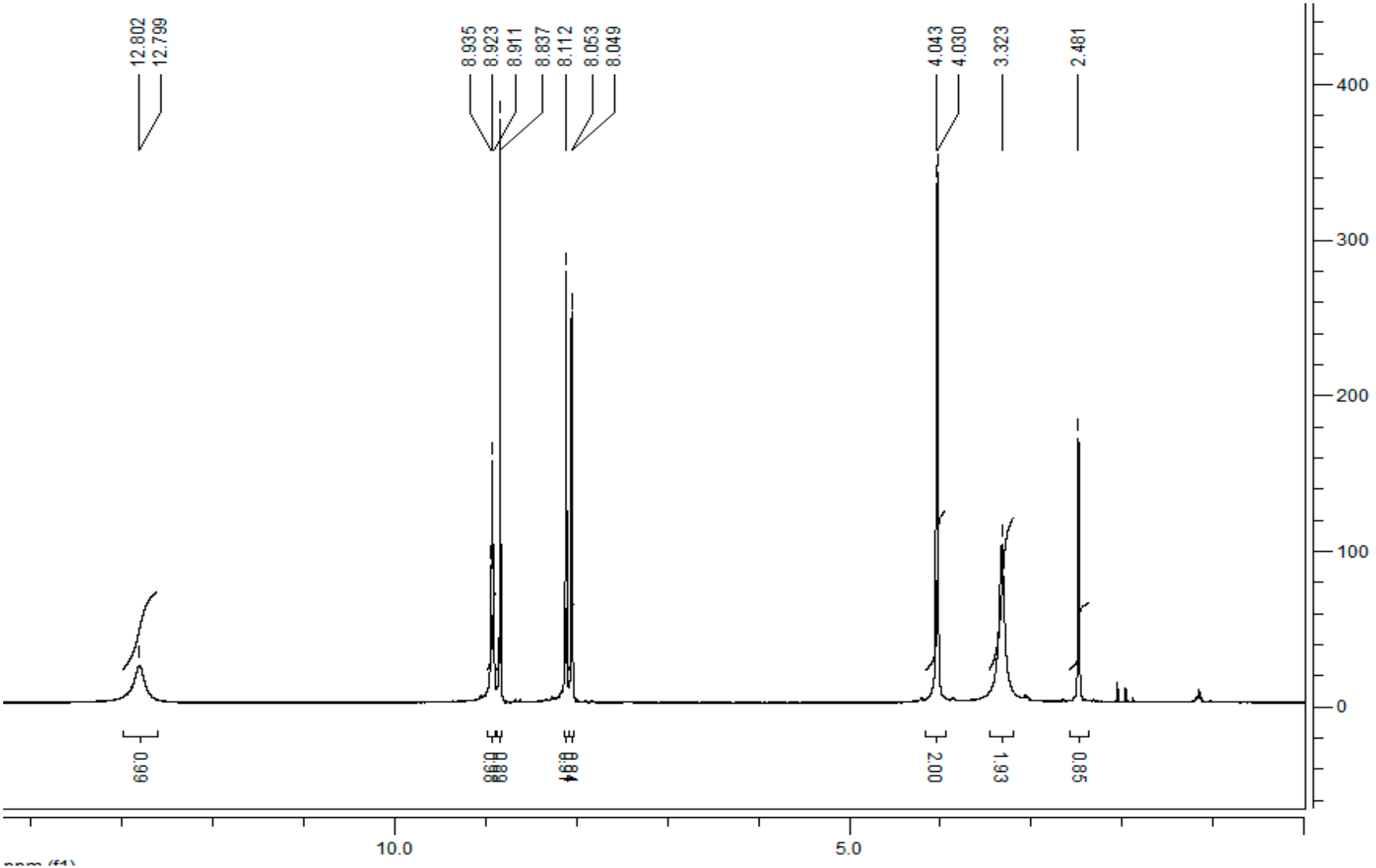


Figure S20: ^{1}H NMR spectra of compound **7e** (DMSO-d_6)

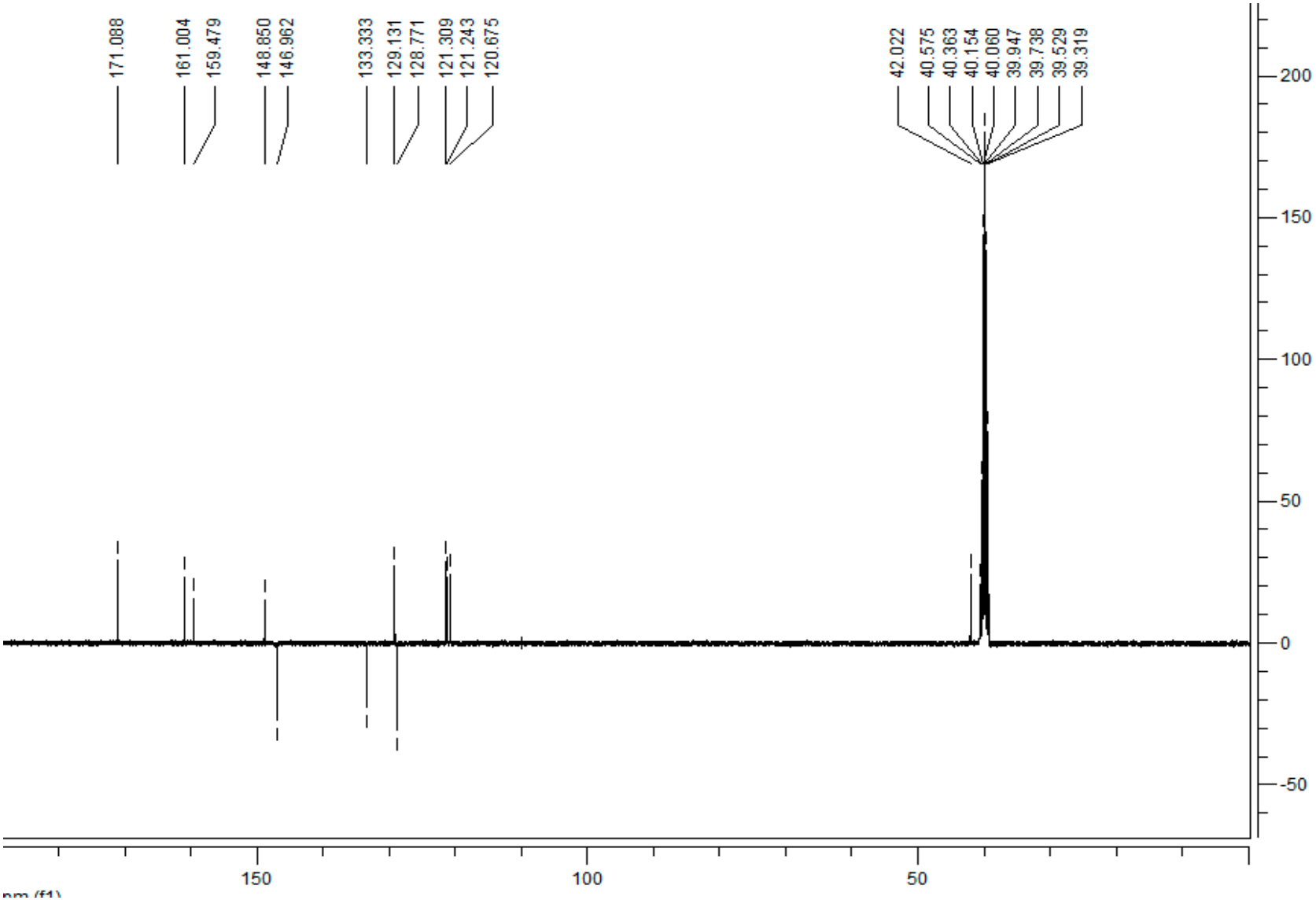


Figure S21: ^{13}C NMR (APT) spectra of compound **7e** (DMSO-d_6)

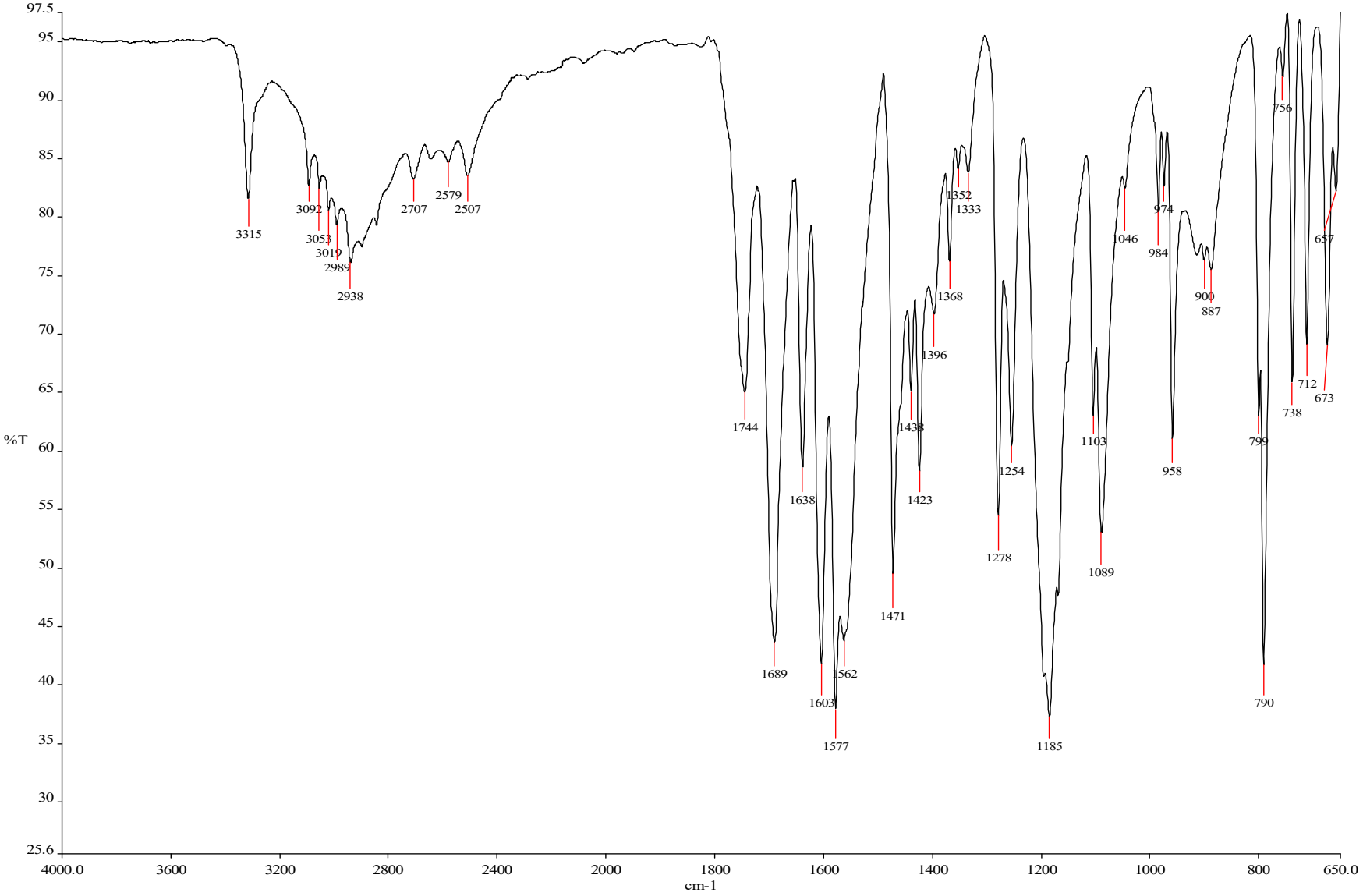


Figure S22: IR spectra of compound **7f**

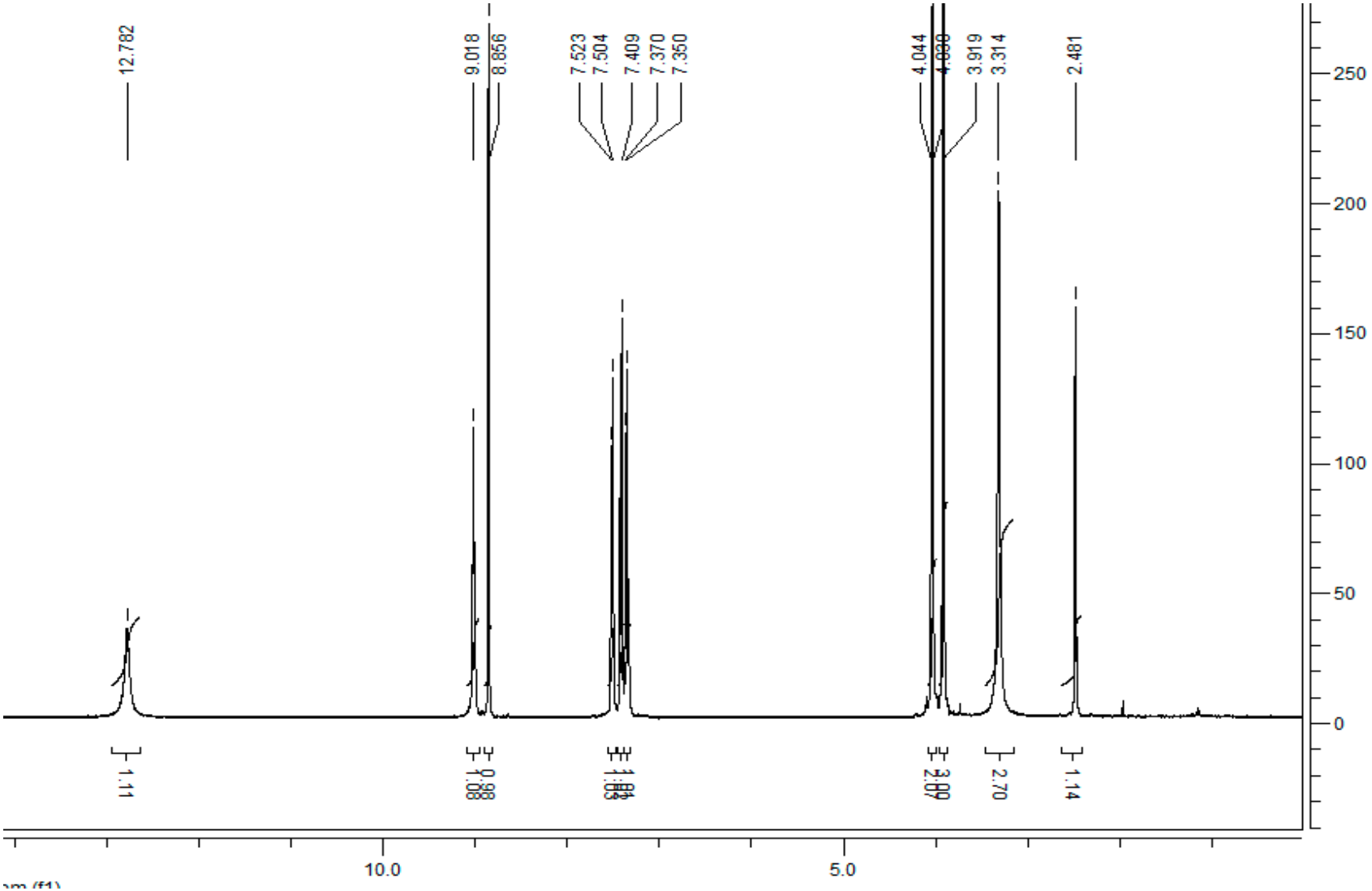


Figure S23: ^{1}H NMR spectra of compound **7f** (DMSO-d_6)

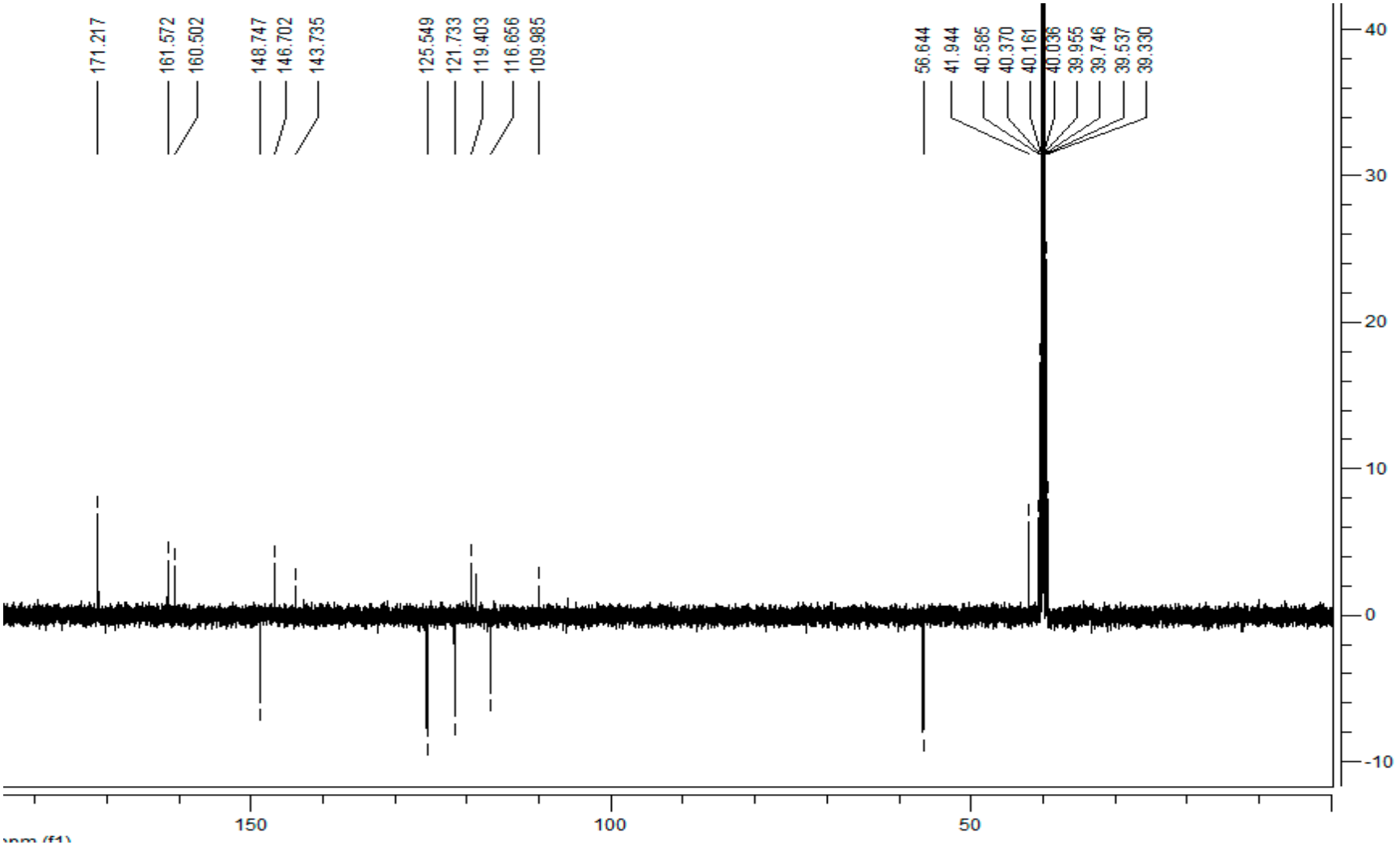


Figure S24: ^{13}C NMR (APT) spectra of compound **7f** (DMSO-d_6)

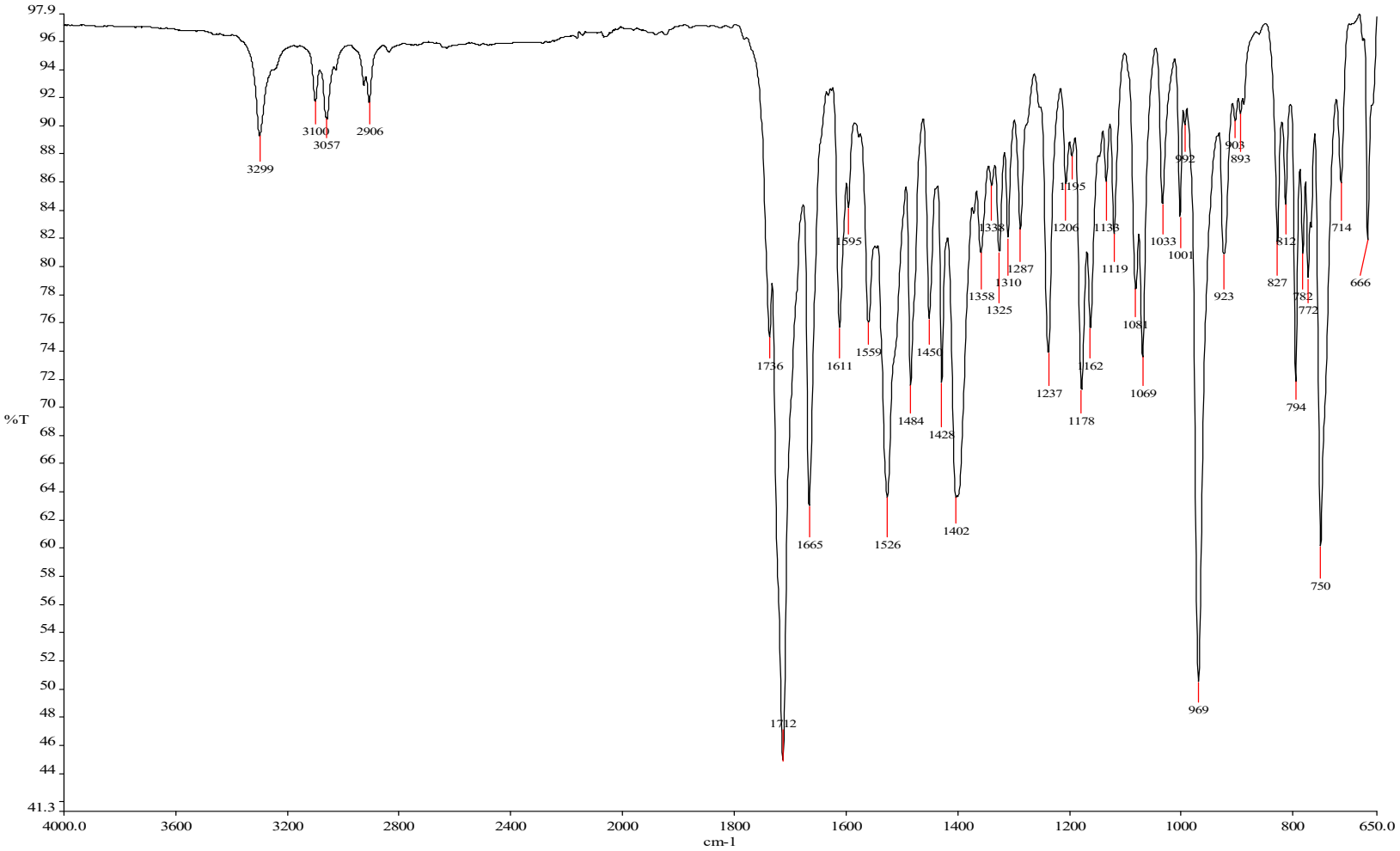


Figure S25: IR spectra of compound **8b**

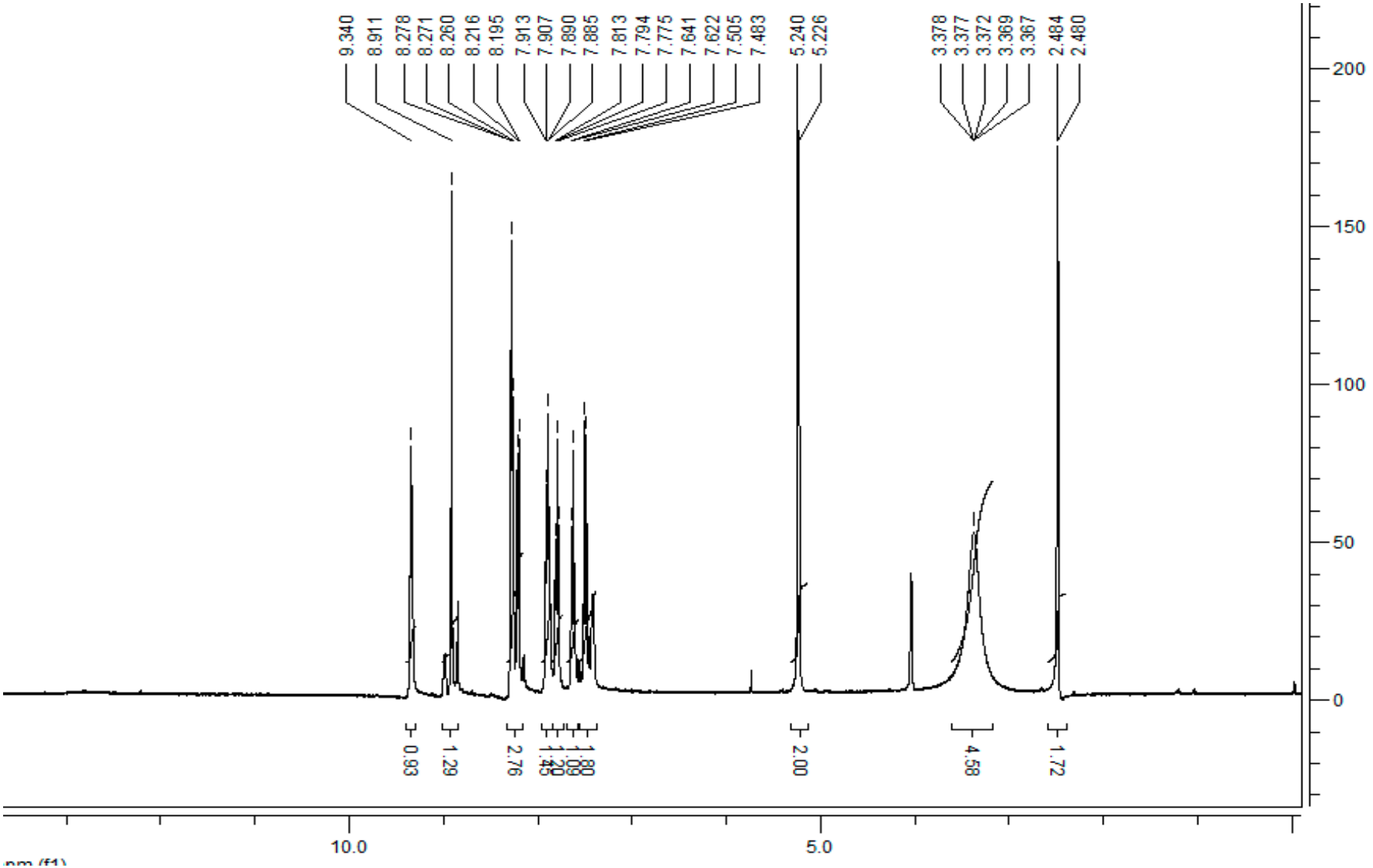


Figure S26: ^{1}H NMR spectra of compound **8b** (DMSO-d_6)

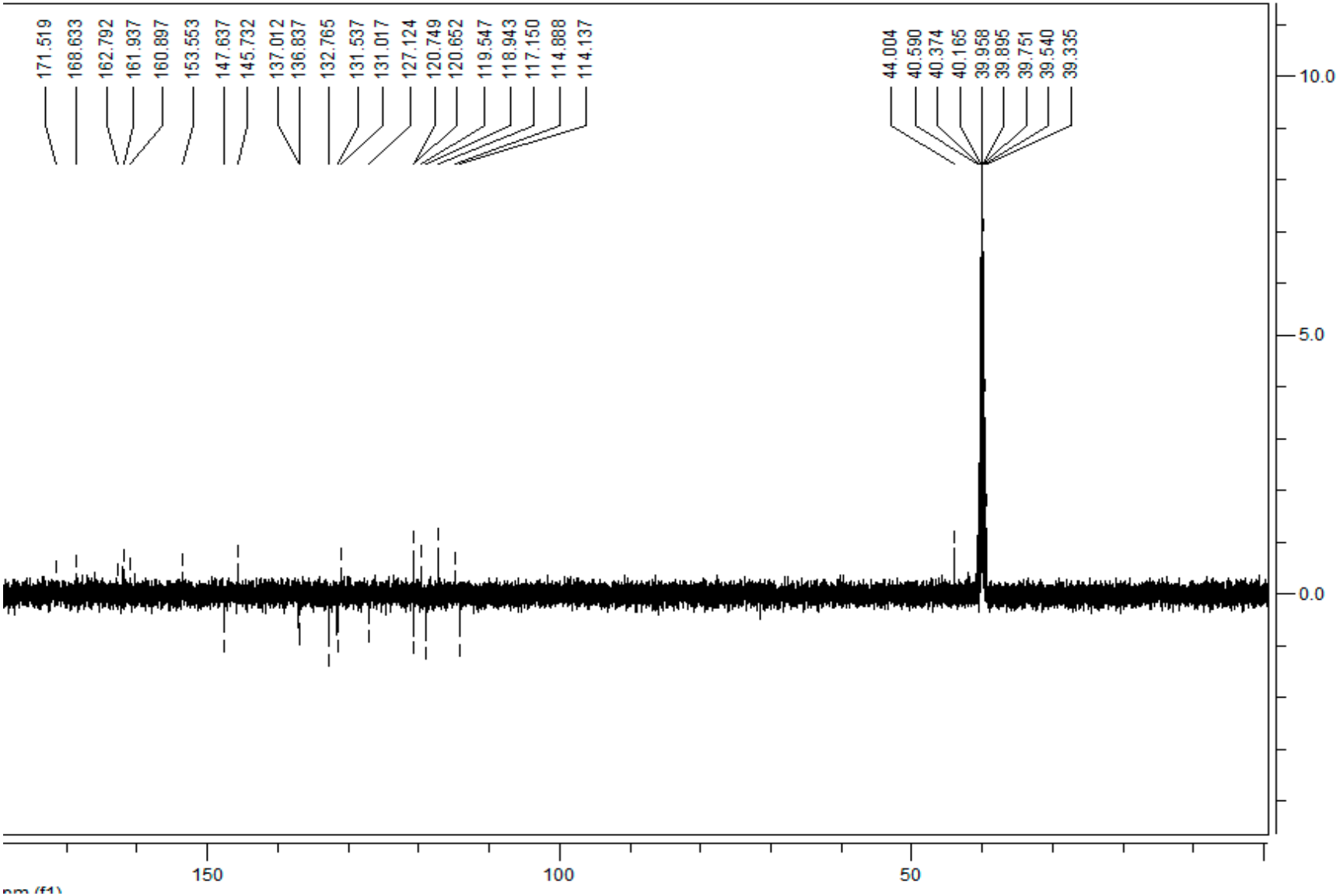


Figure S27: ^{13}C NMR (APT) spectra of compound **8b** (DMSO-d_6)

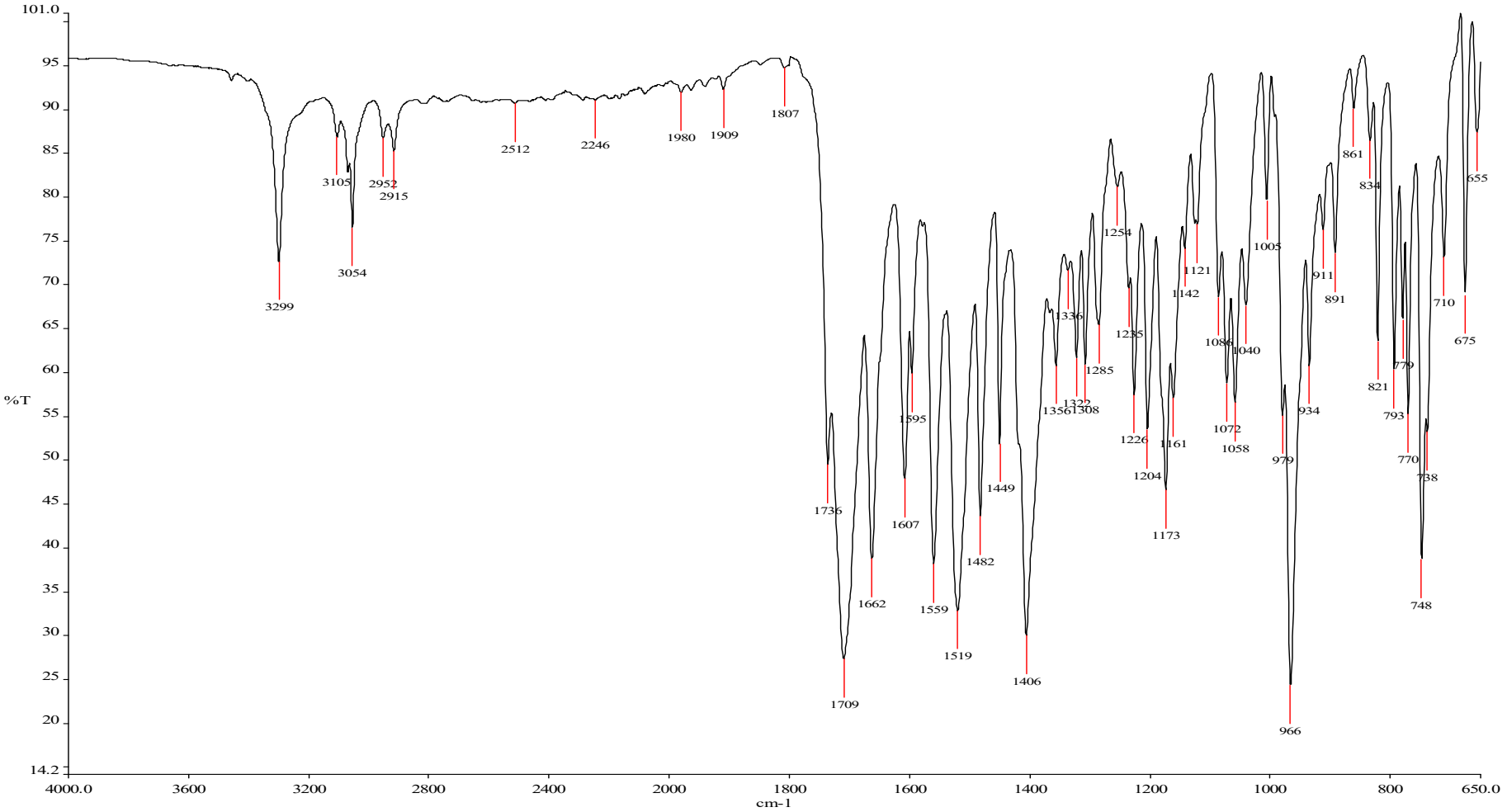


Figure S28: IR spectra of compound **8c**

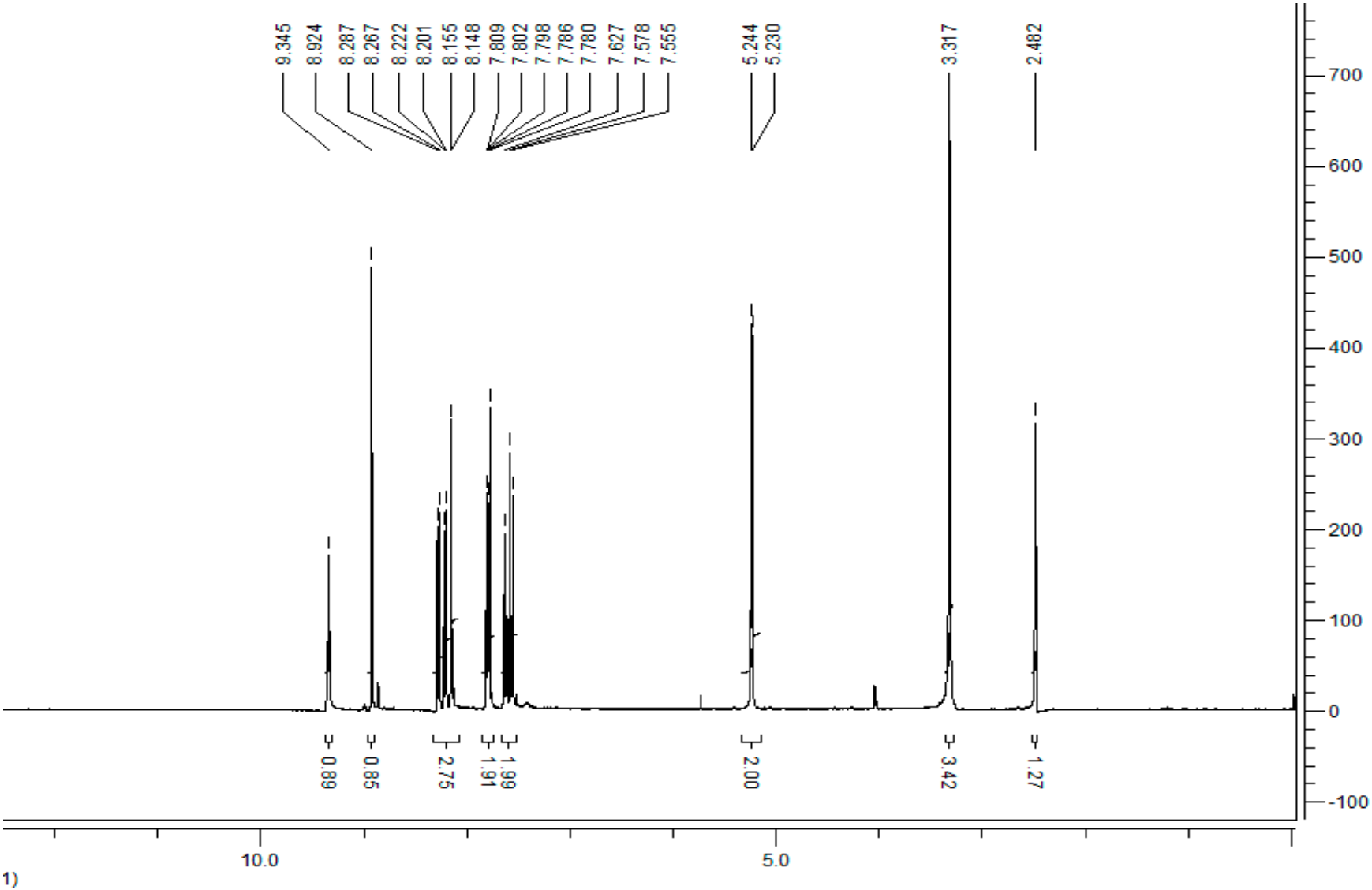


Figure S29: ^{1}H NMR spectra of compound **8c** (DMSO-d_6)

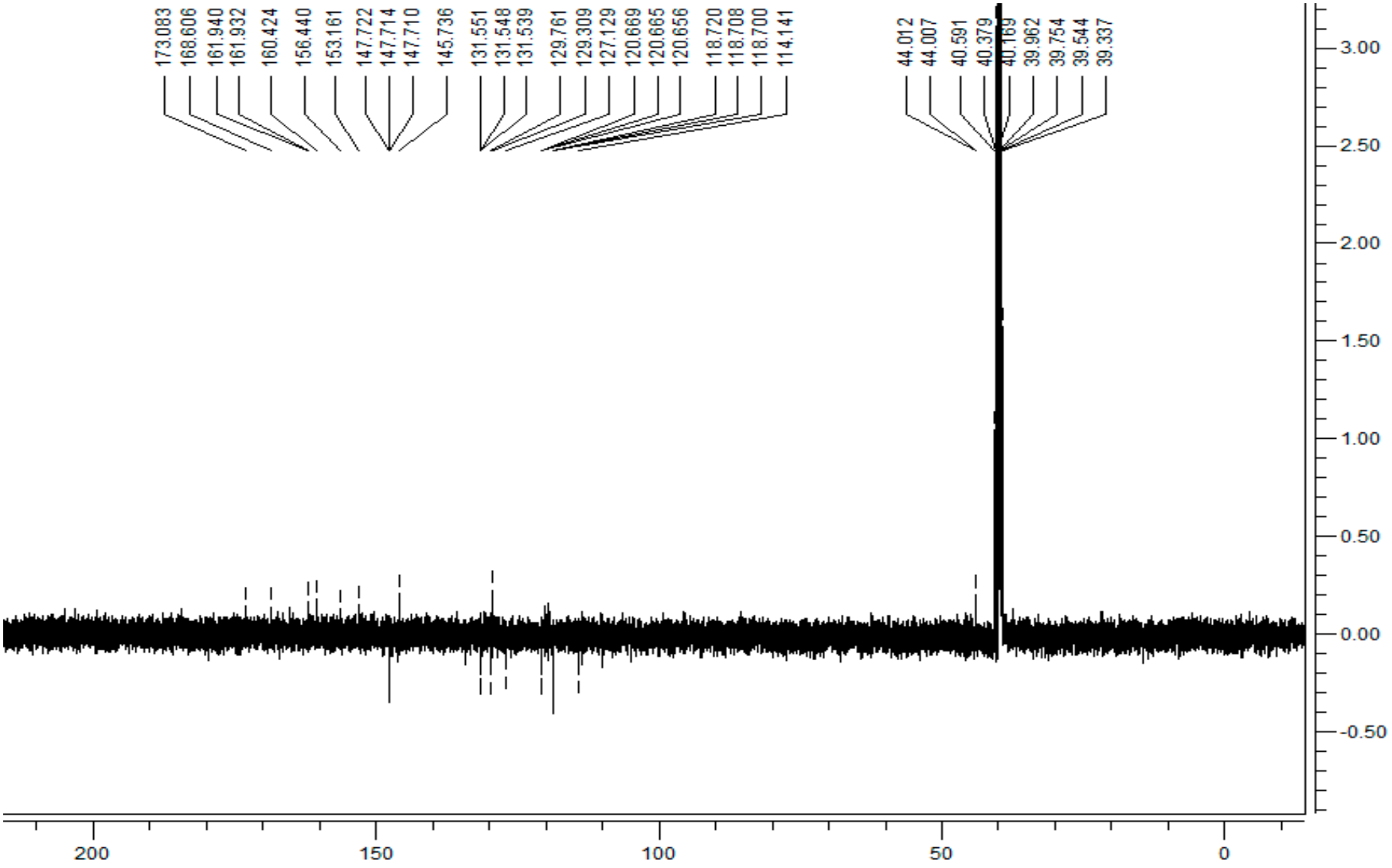


Figure S30: ^{13}C NMR (APT) spectra of compound **8c** (DMSO-d_6)

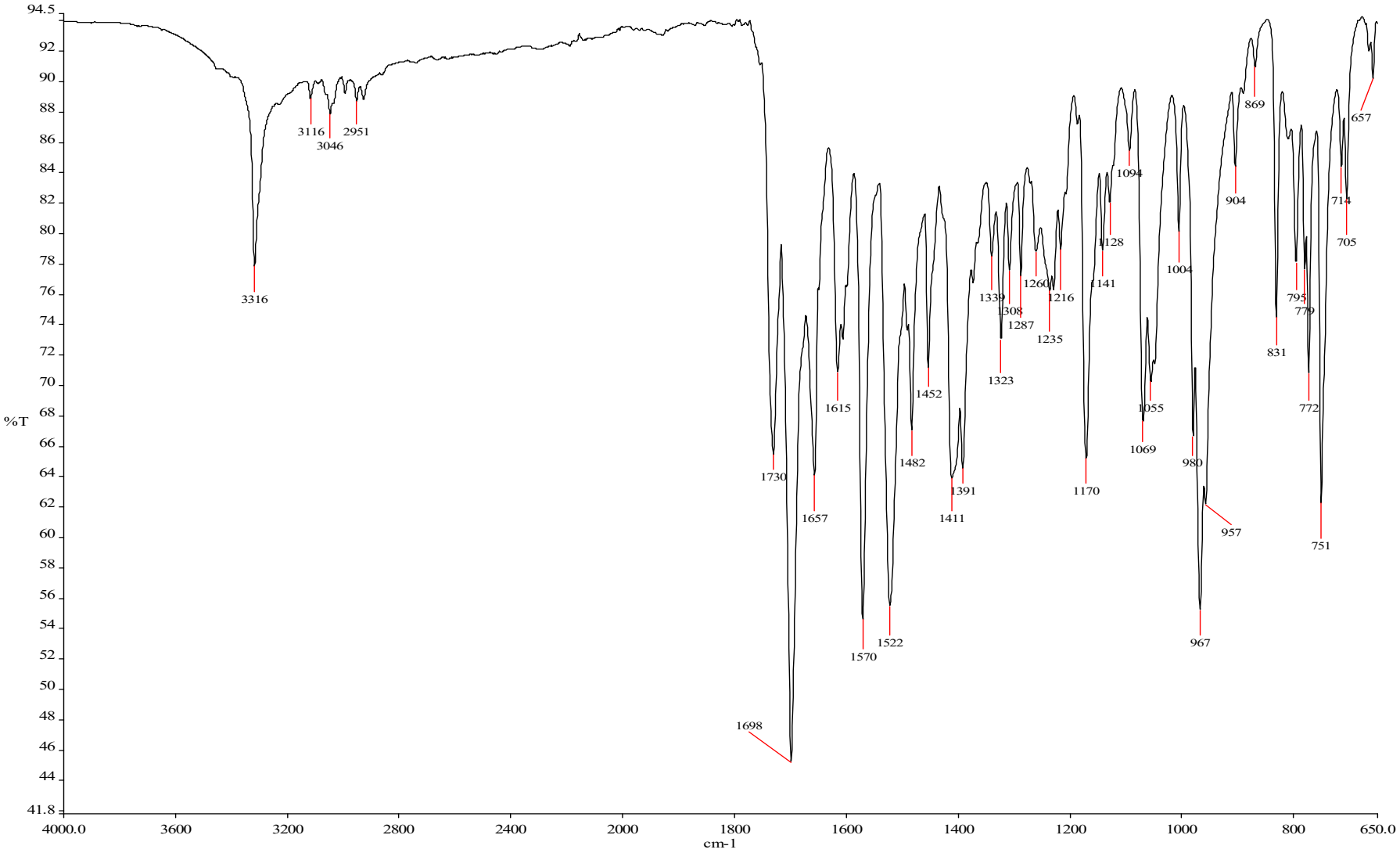


Figure S31: IR spectra of compound **8d**

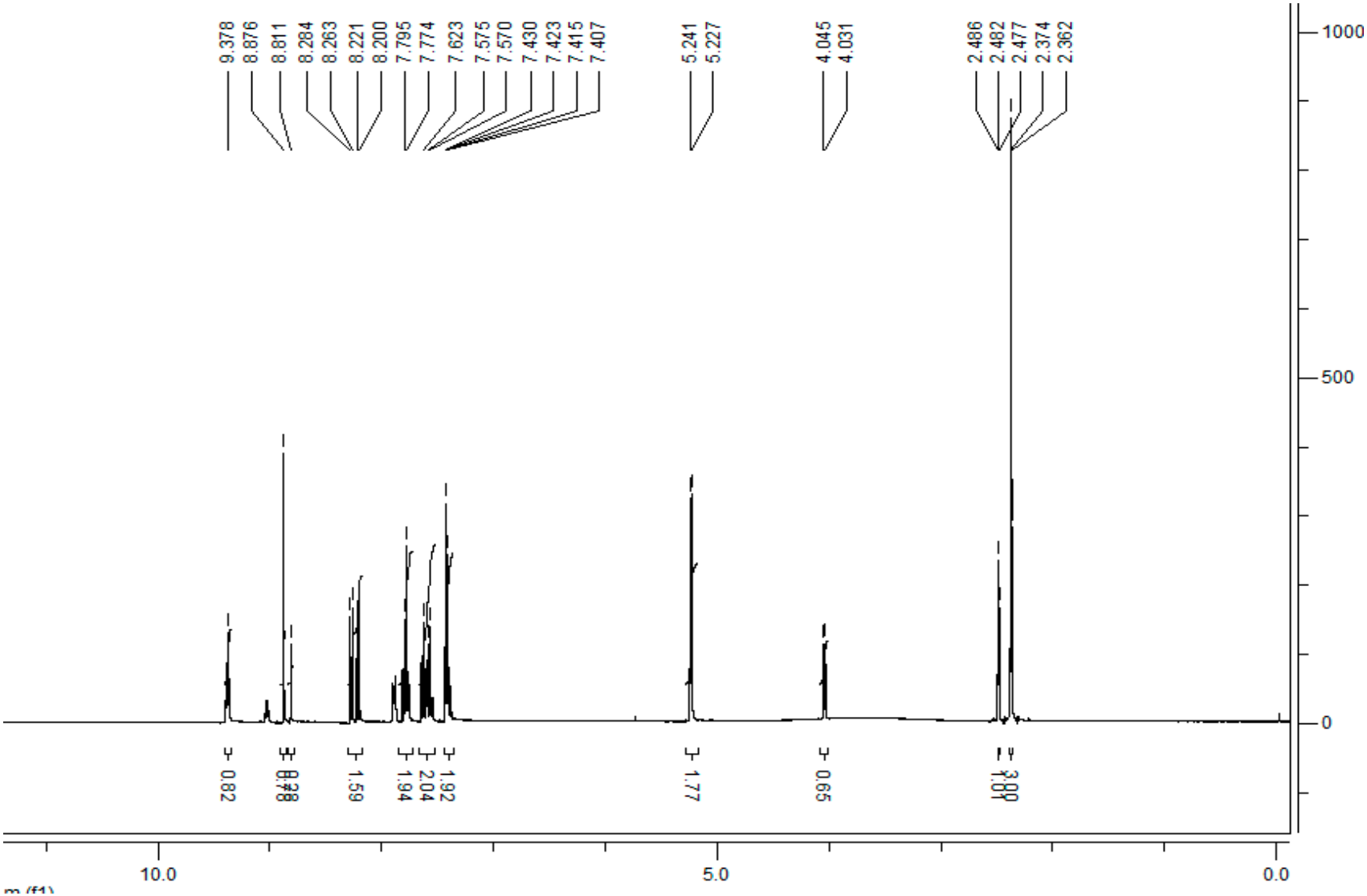


Figure S32: ^{1}H NMR spectra of compound **8d** (DMSO-d_6)

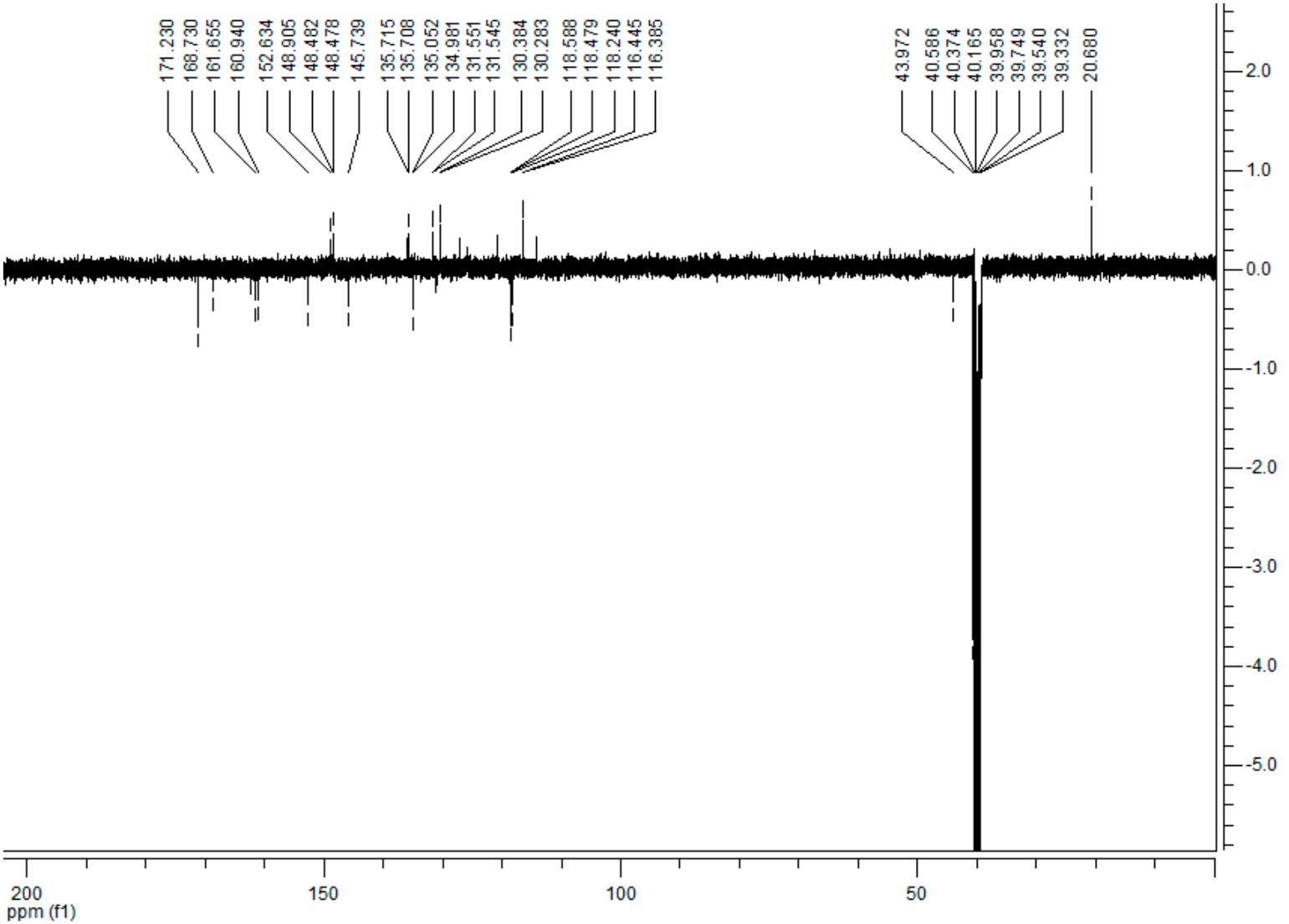


Figure S33: ^{13}C NMR spectra of compound **8d** (DMSO-d_6)

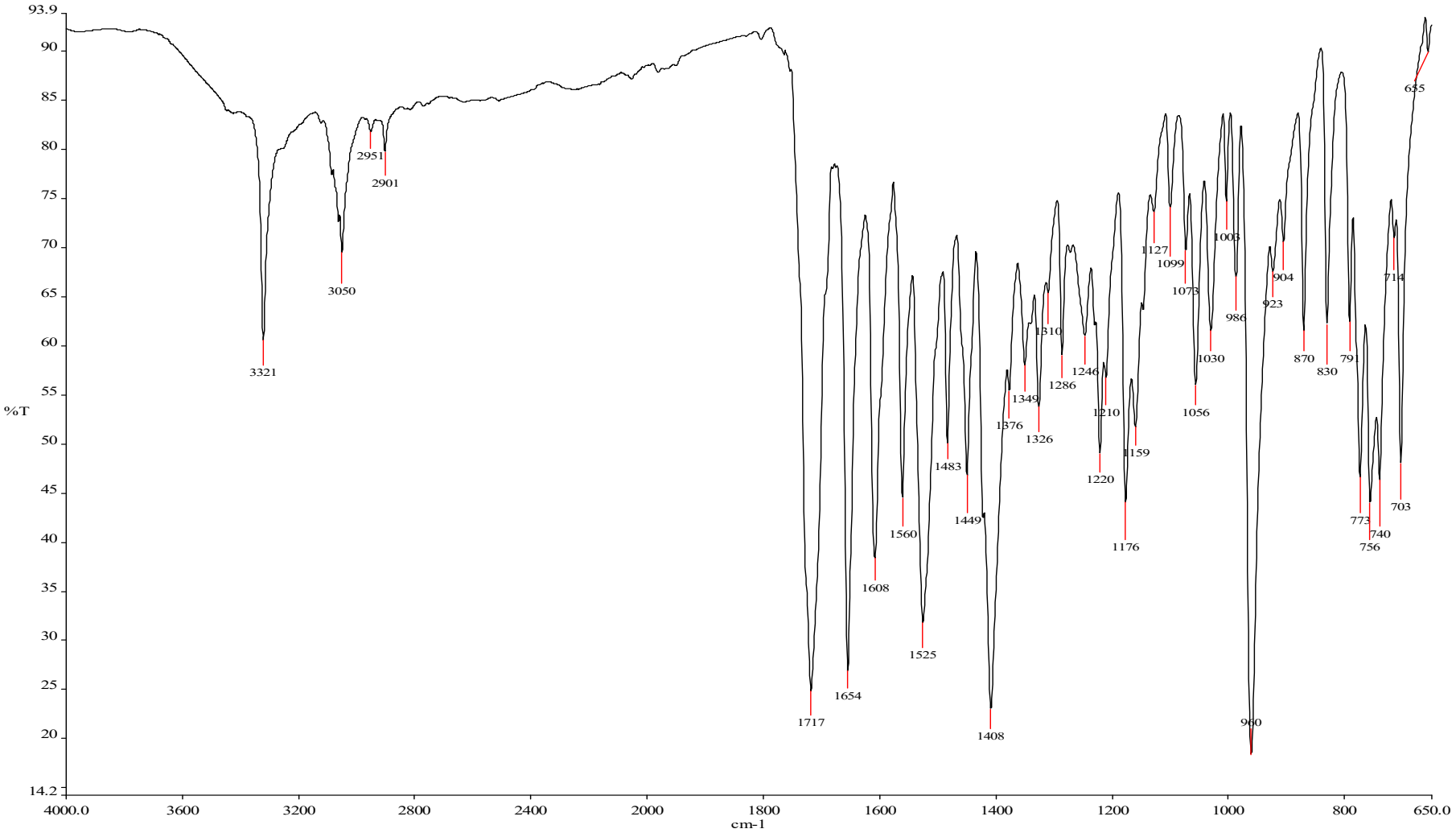


Figure S34: IR spectra of compound **8e**

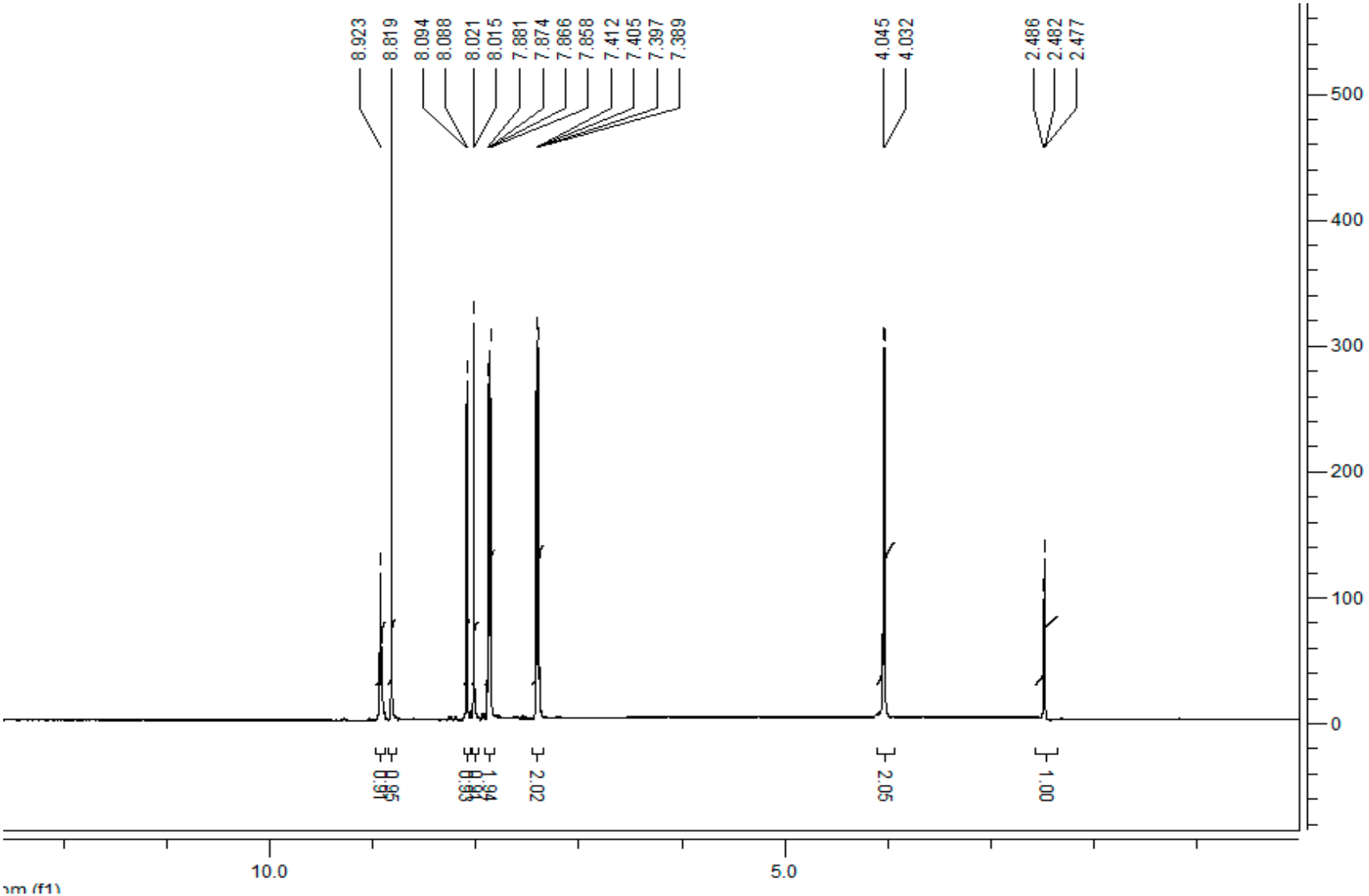


Figure S35: ^{1}H NMR spectra of compound **8e** (DMSO-d_6)

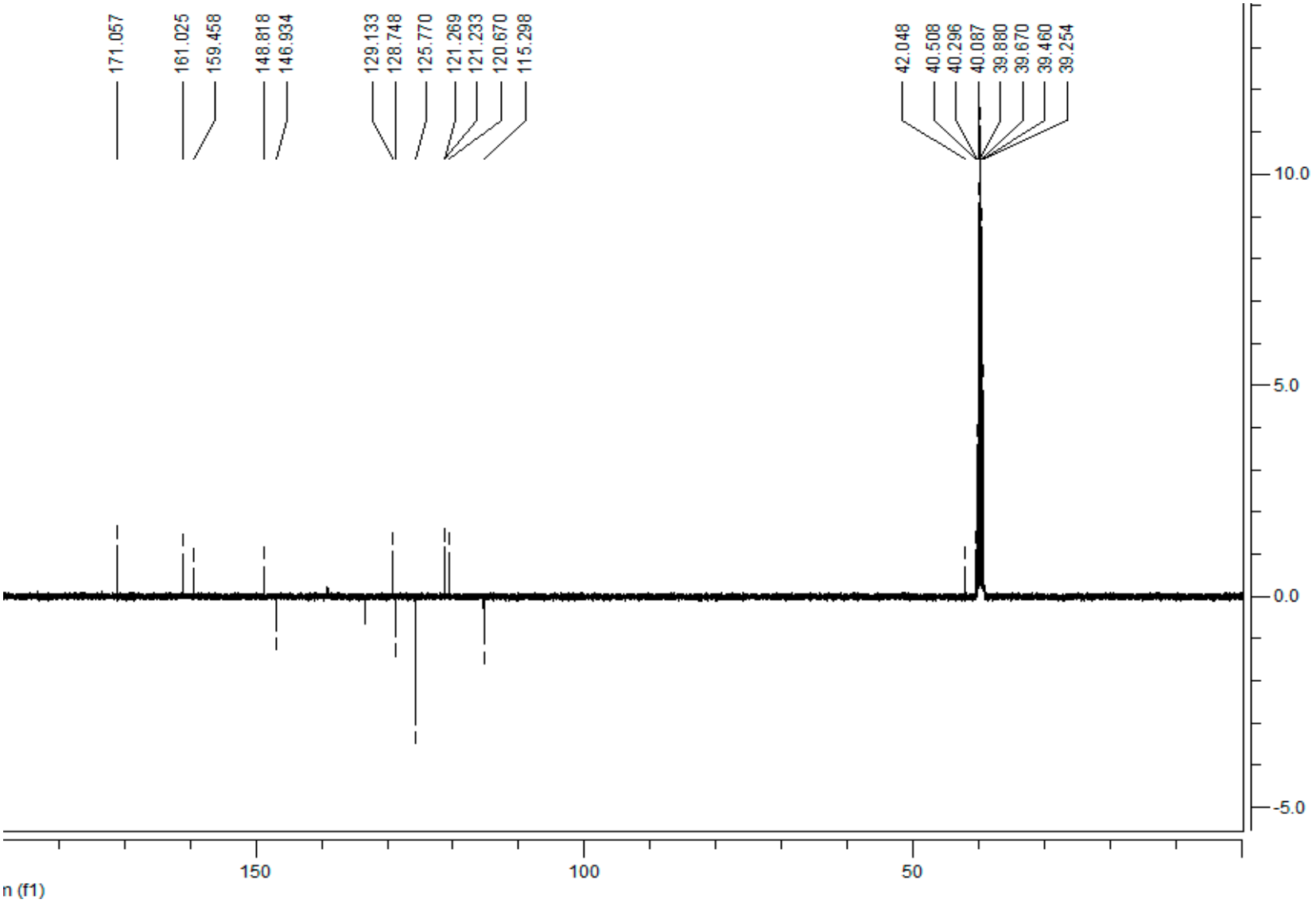


Figure S36: ^{13}C NMR (APT) spectra of compound **8e** (DMSO-d_6)

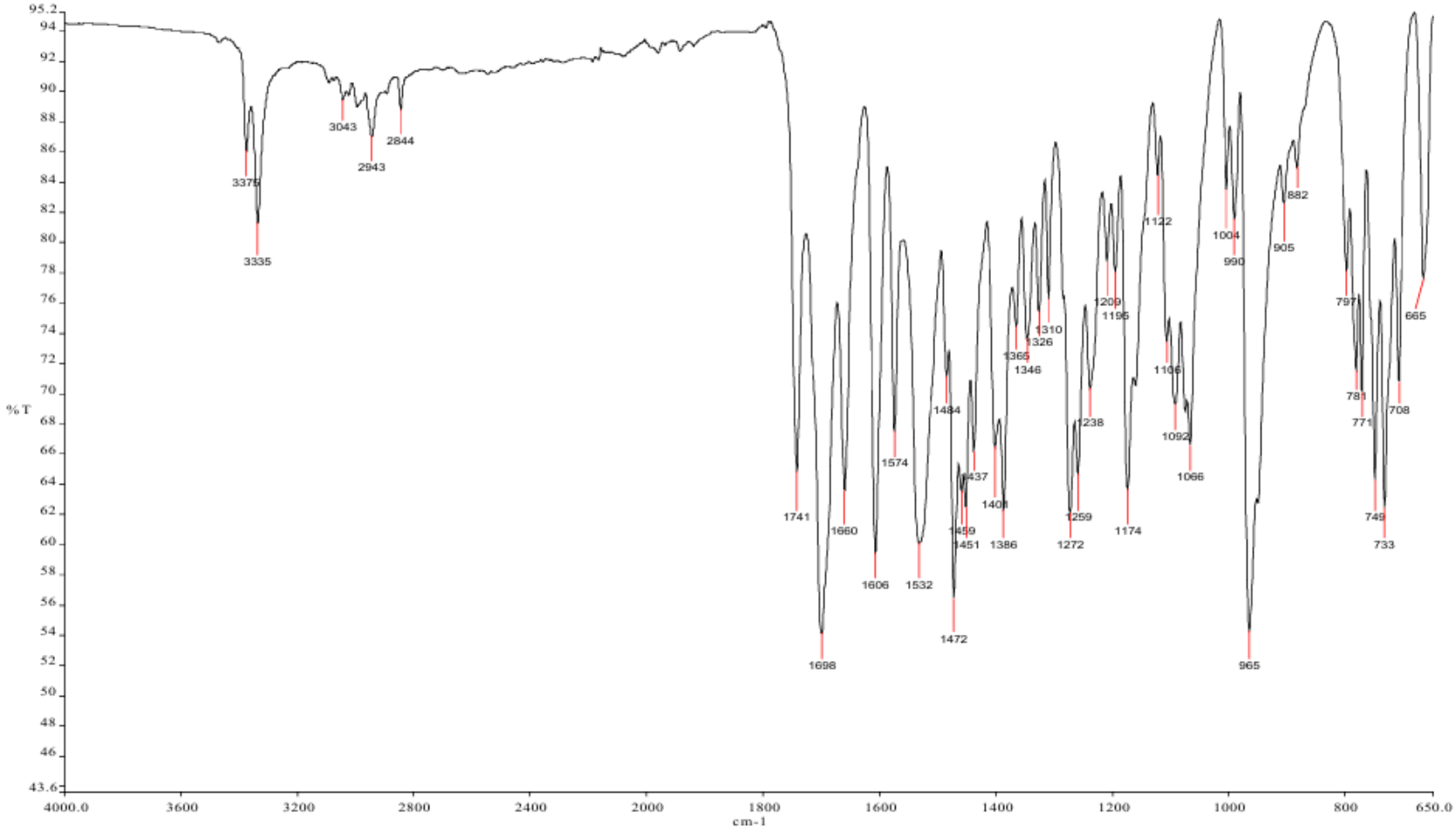


Figure S37: IR spectra of compound **8f**

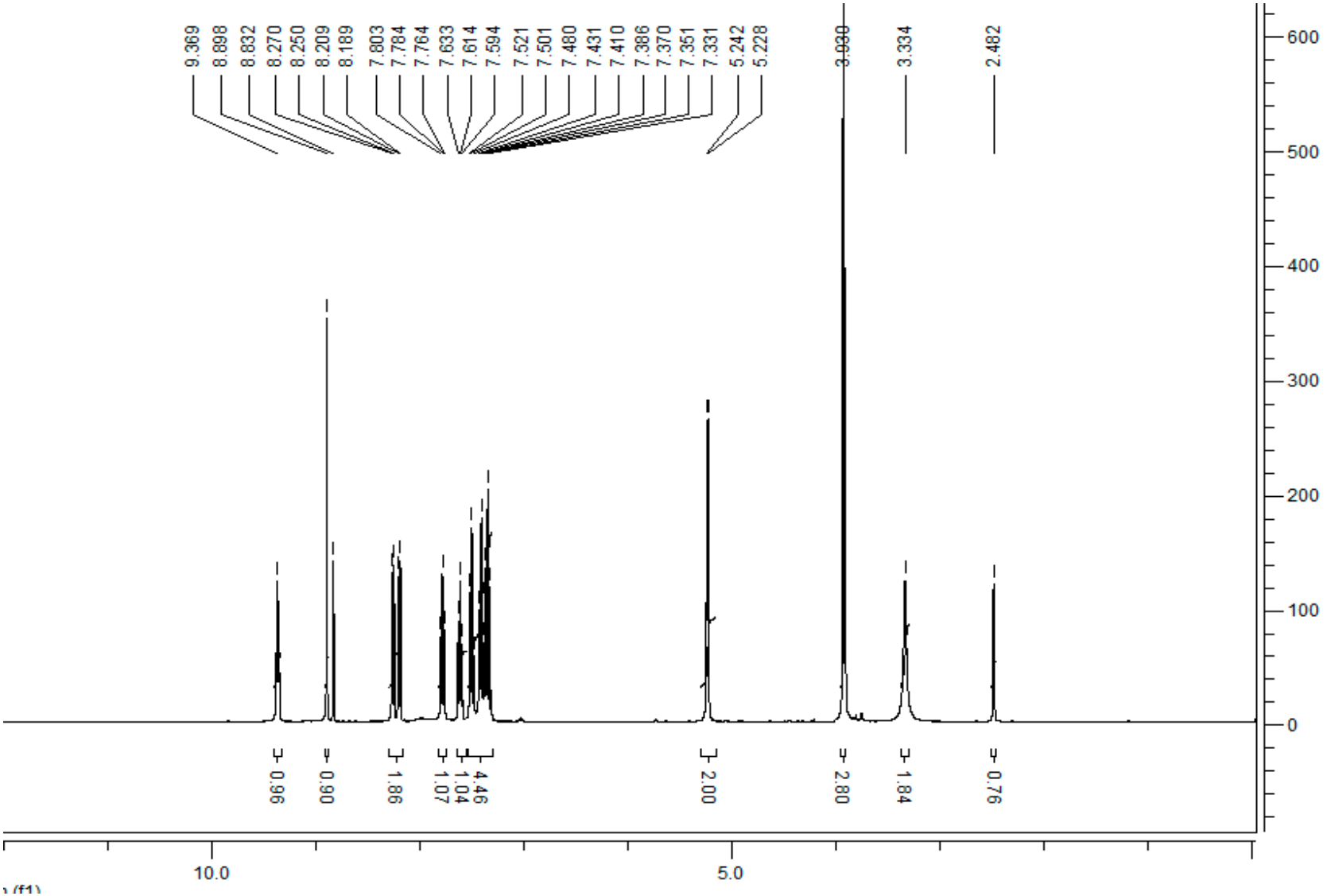


Figure S38: ^{1}H NMR spectra of compound **8f** (DMSO-d_6)

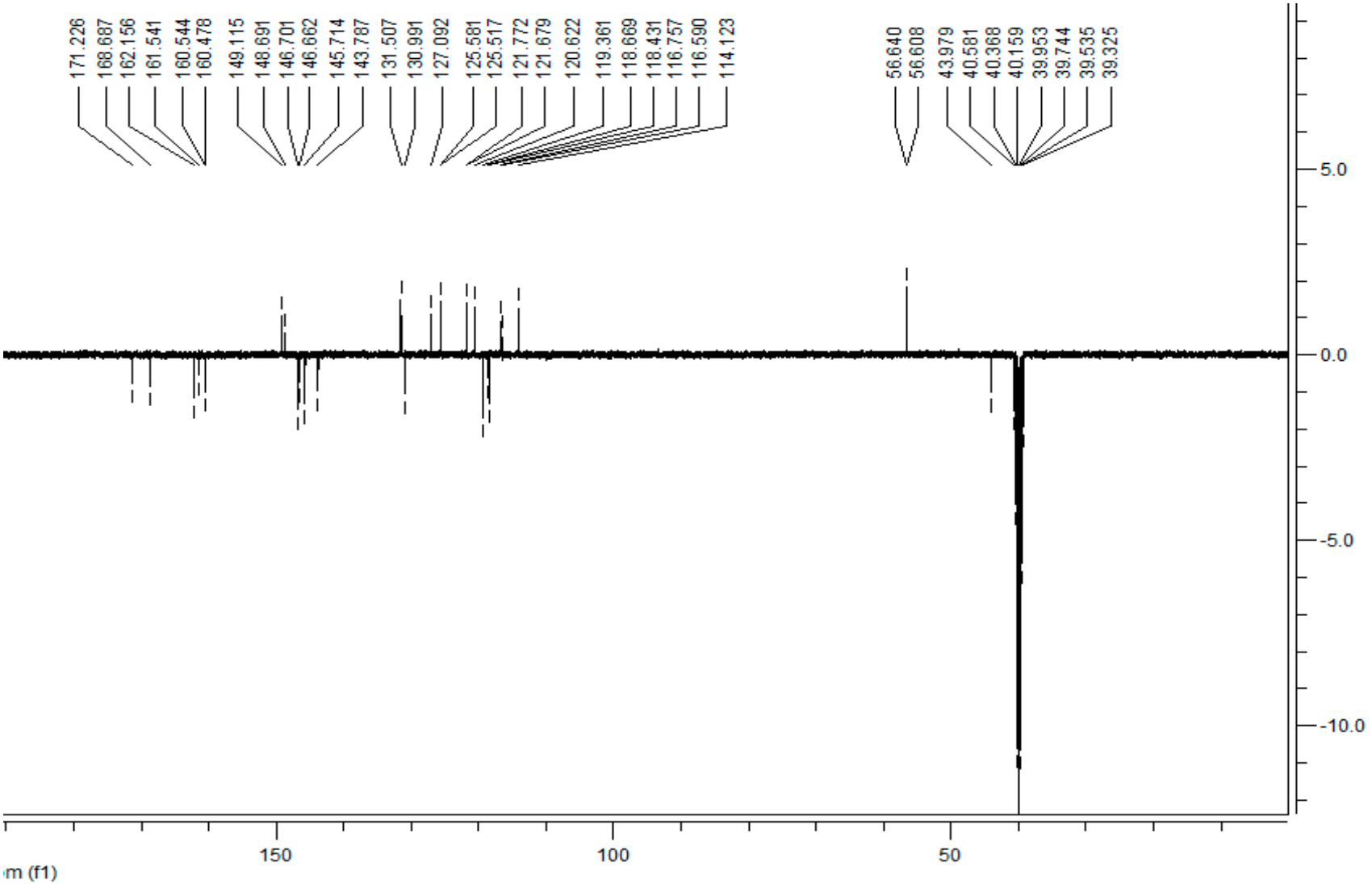


Figure S39: ^{13}C NMR (APT) spectra of compound **8f** (DMSO-d_6)

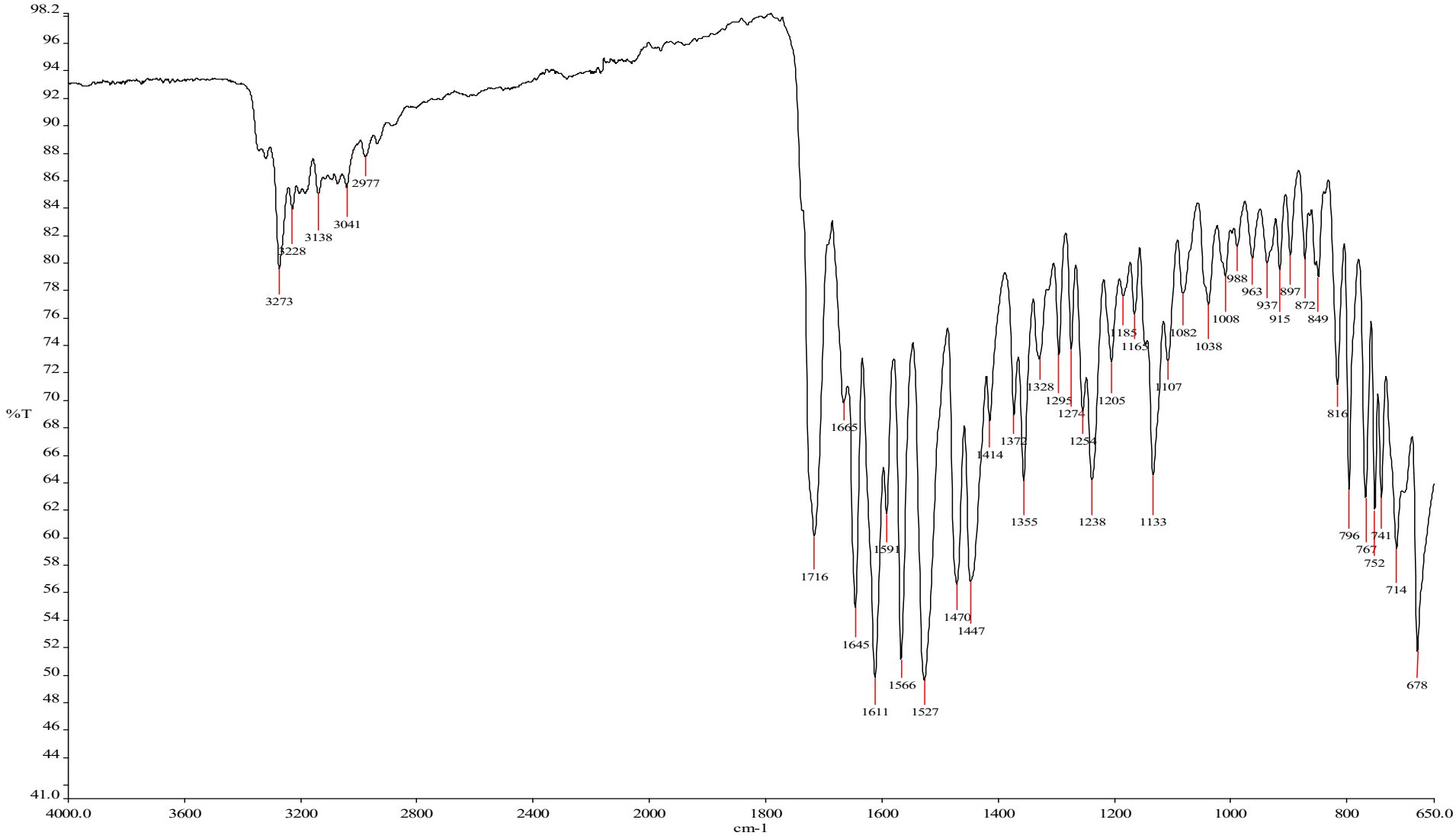


Figure S40: IR spectra of compound **9a**

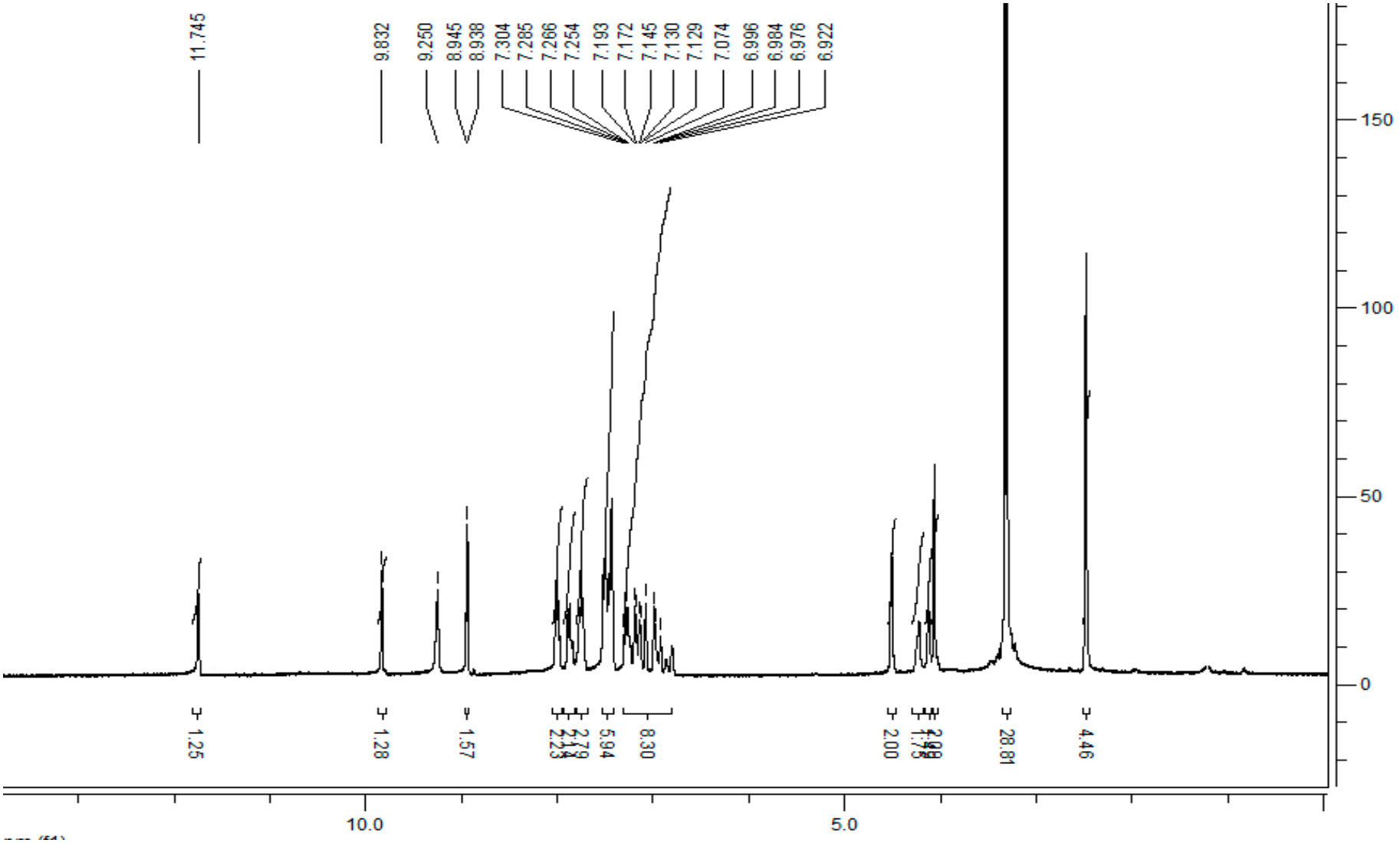


Figure S41: ^{1}H NMR spectra of compound **9a** (DMSO-d_6)

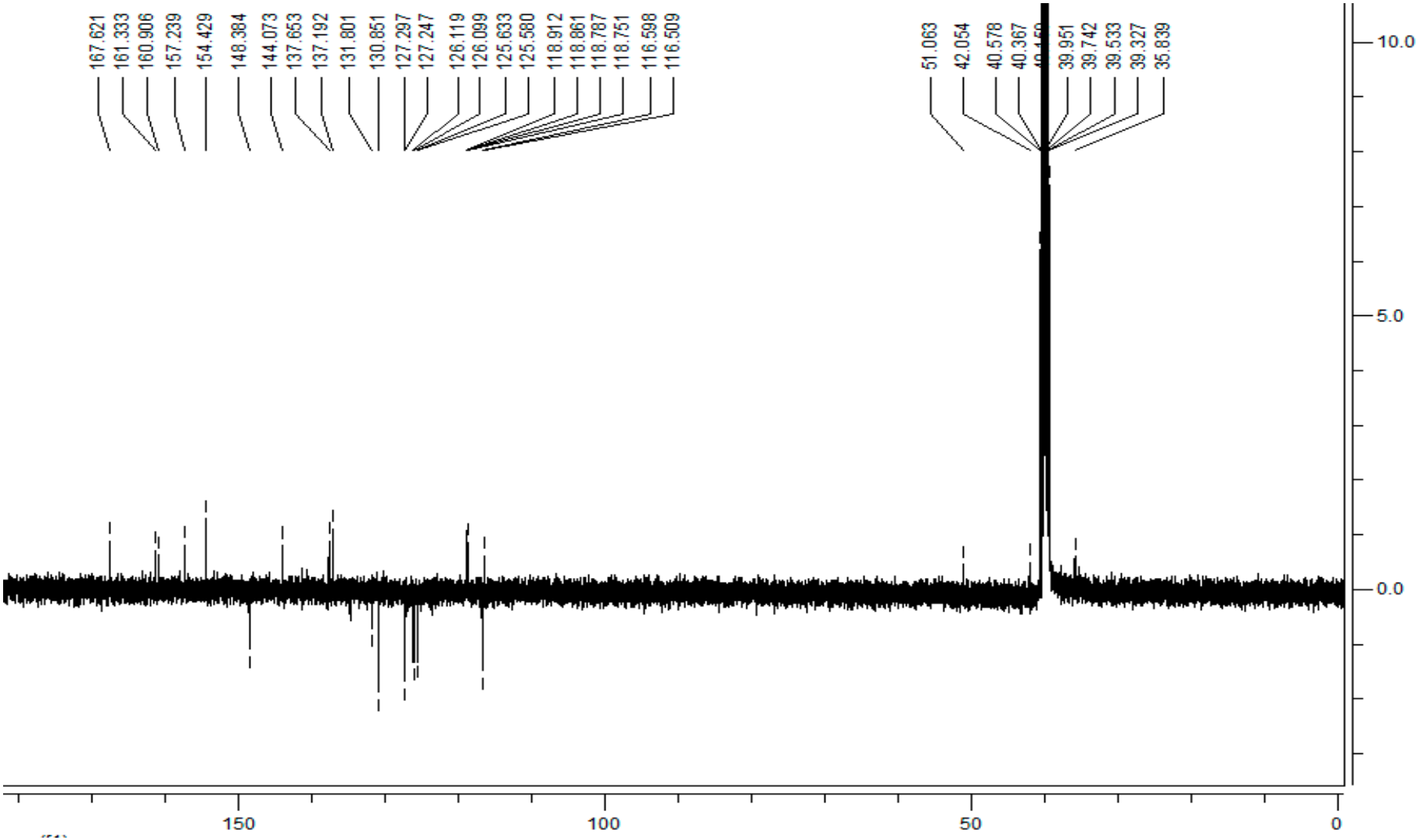


Figure S42: ^{13}C NMR (APT) spectra of compound **9a** (DMSO-d_6)

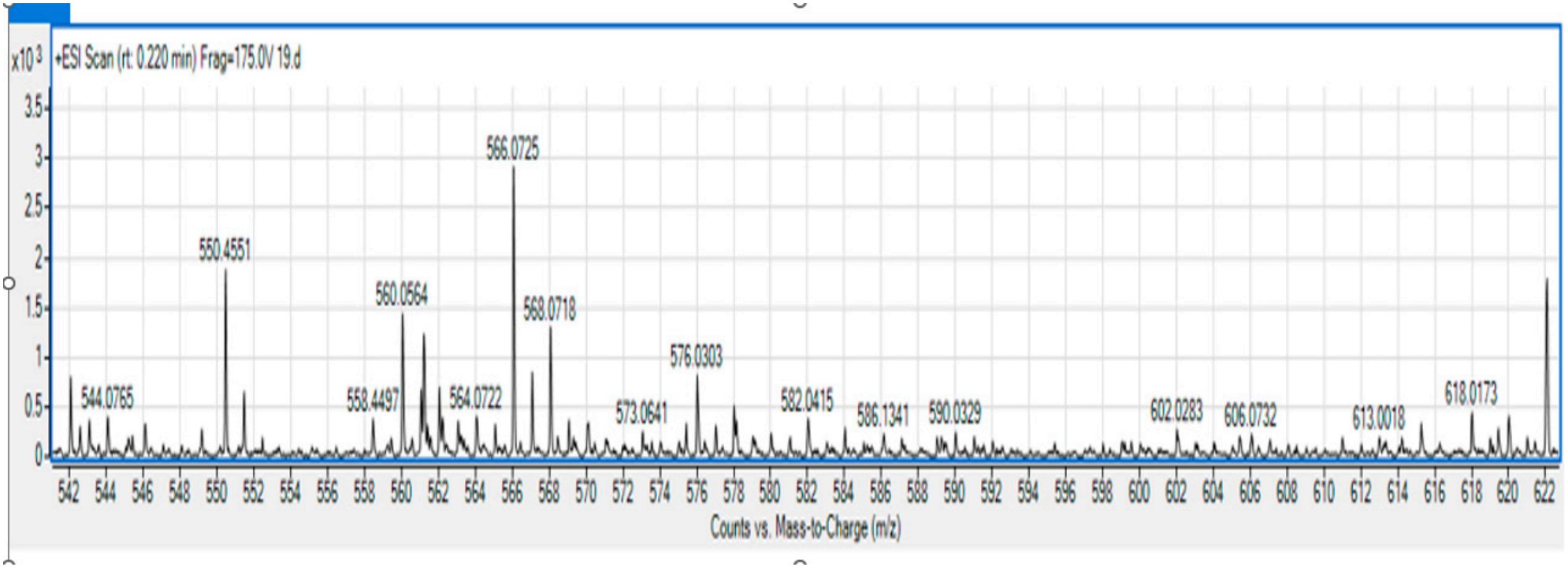


Figure S43: LC MS spectra of compound **9a**

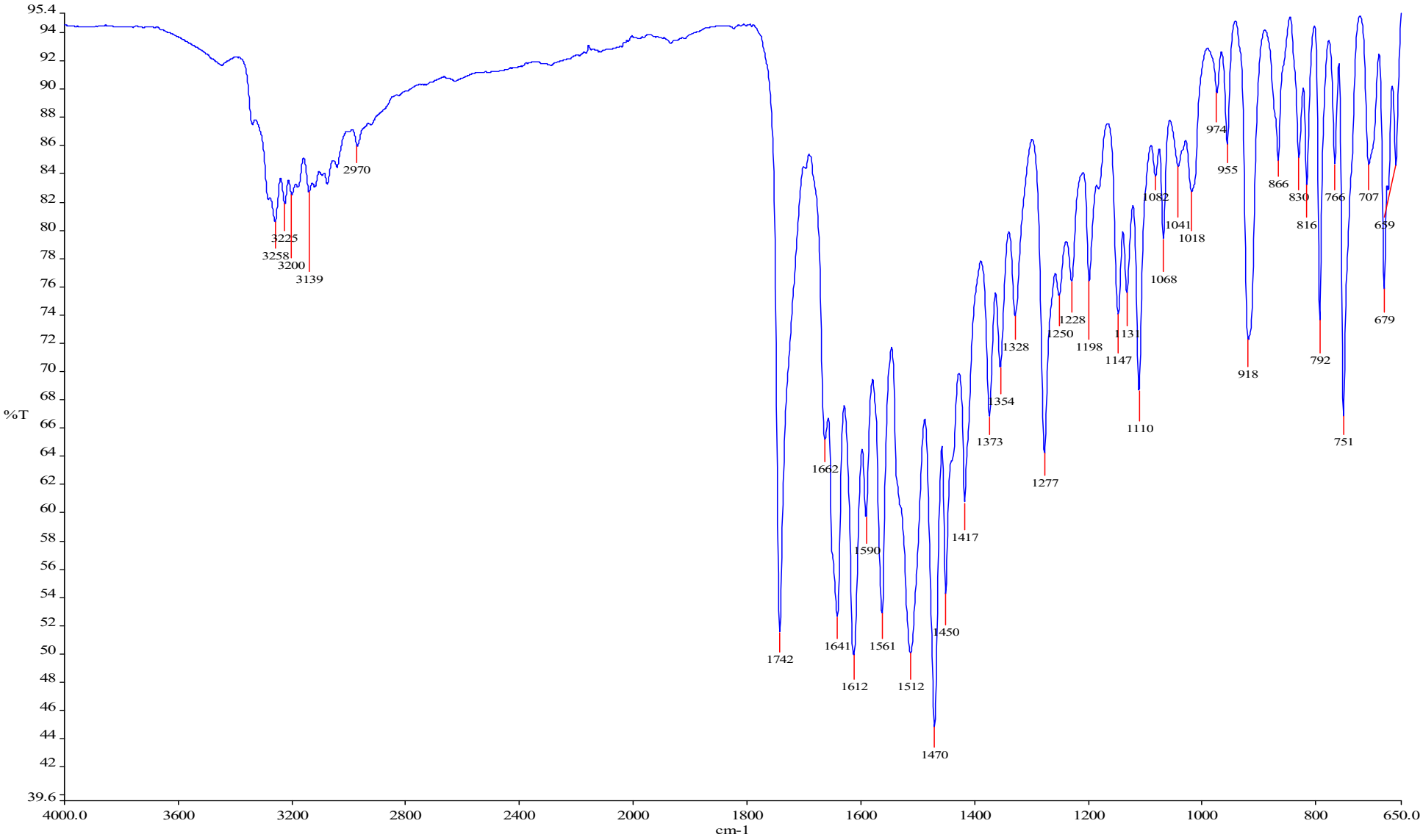


Figure S44: IR spectra of compound **9b**

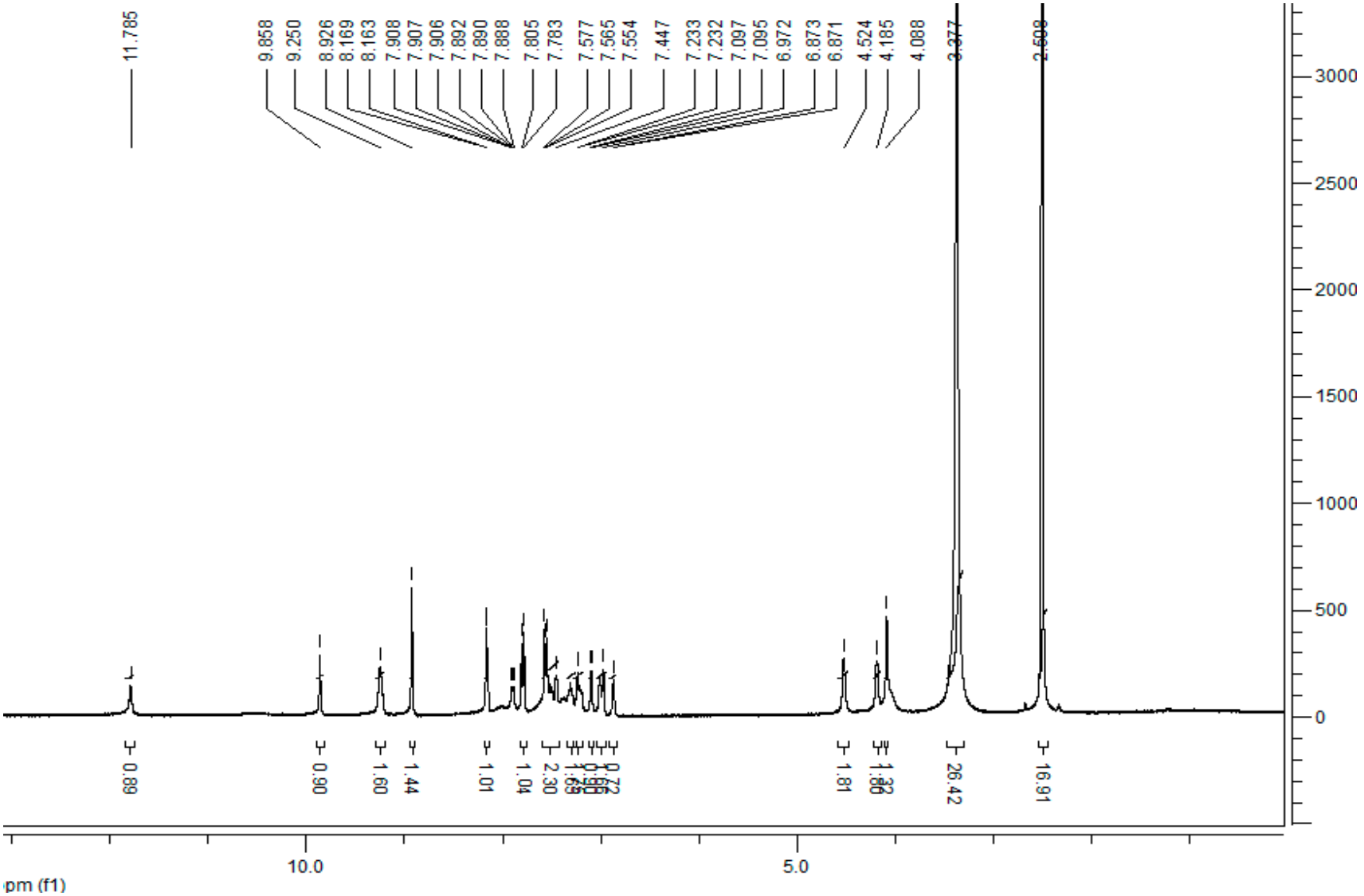


Figure S45: ^{1}H NMR spectra of compound **9b** (DMSO-d_6)

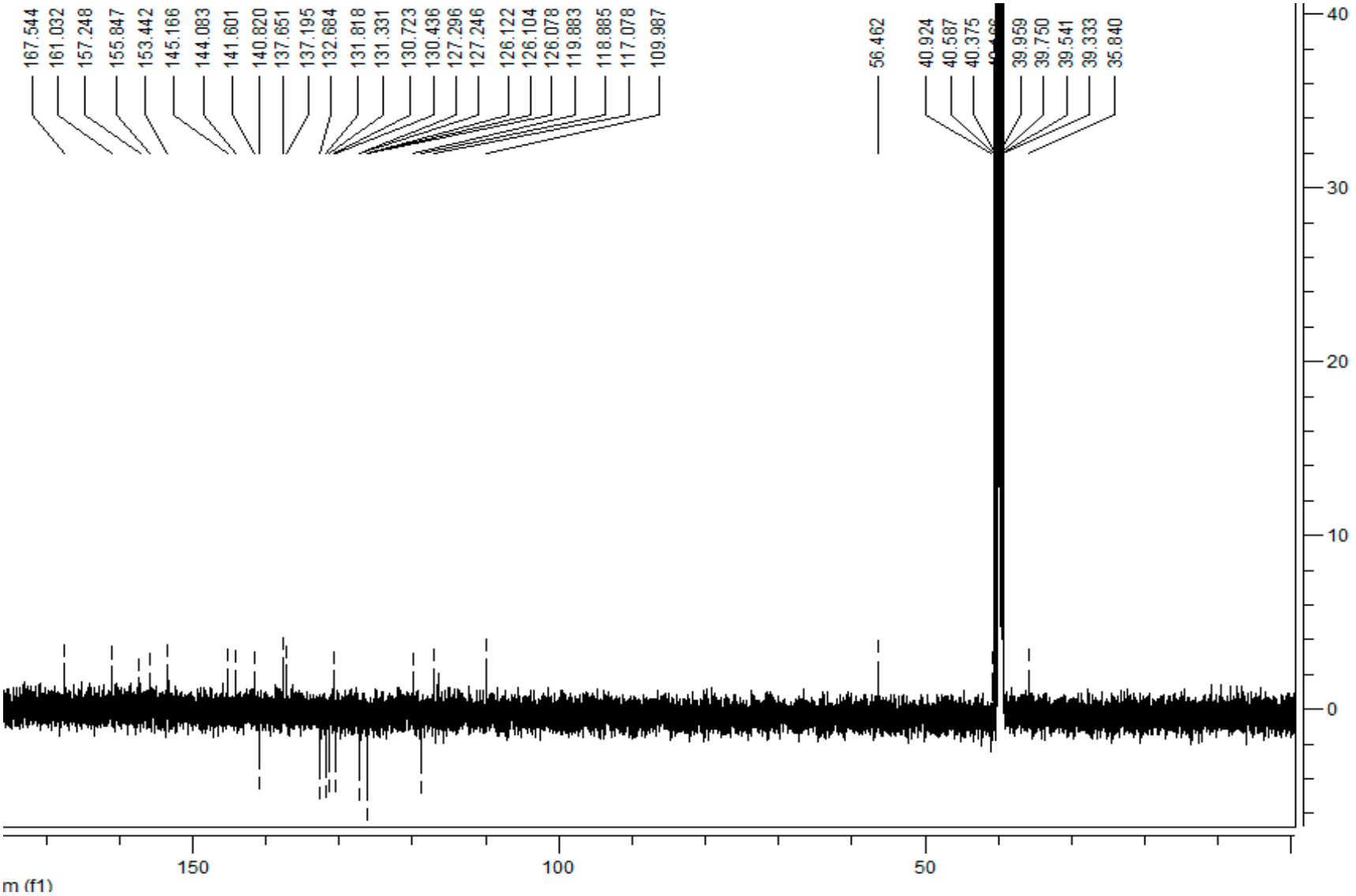


Figure S46: ^{13}C NMR (APT) spectra of compound **9b** (DMSO-d_6)

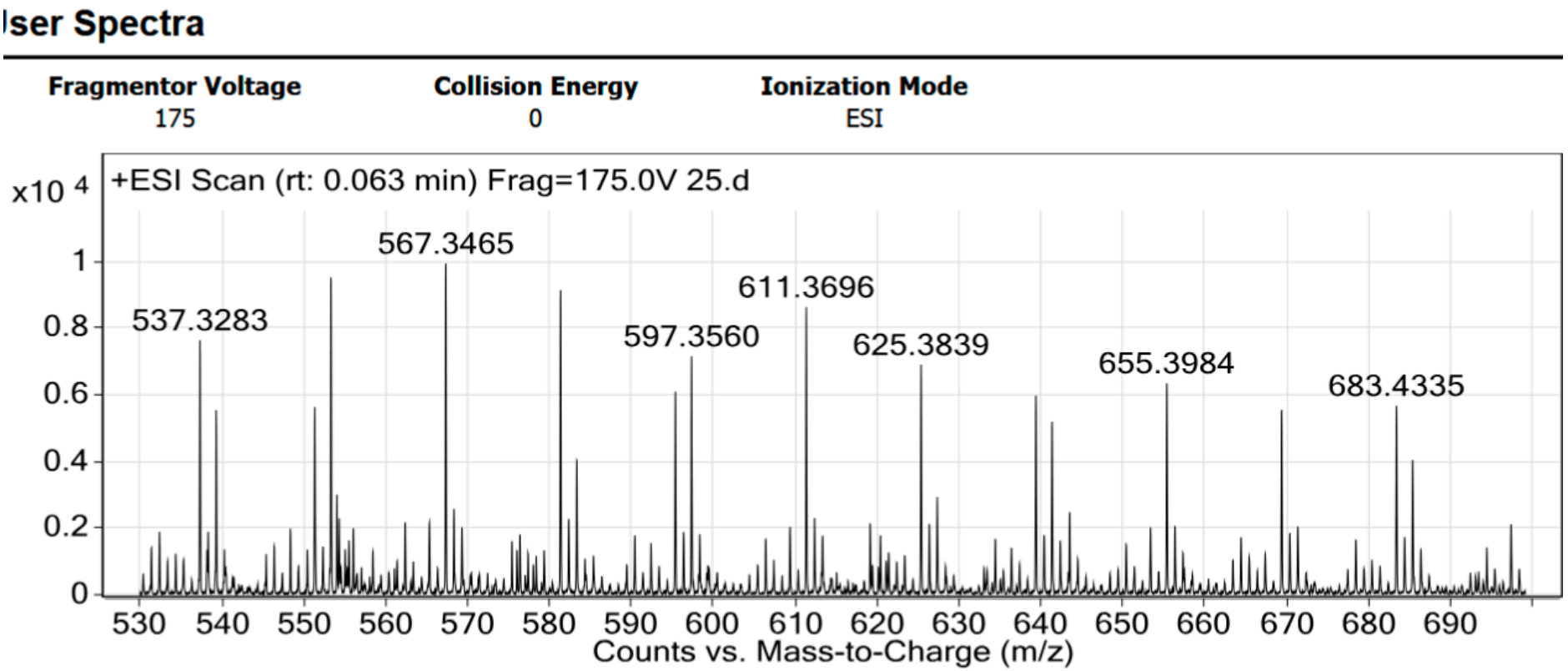


Figure S47: LC MS spectra of compound **9b**

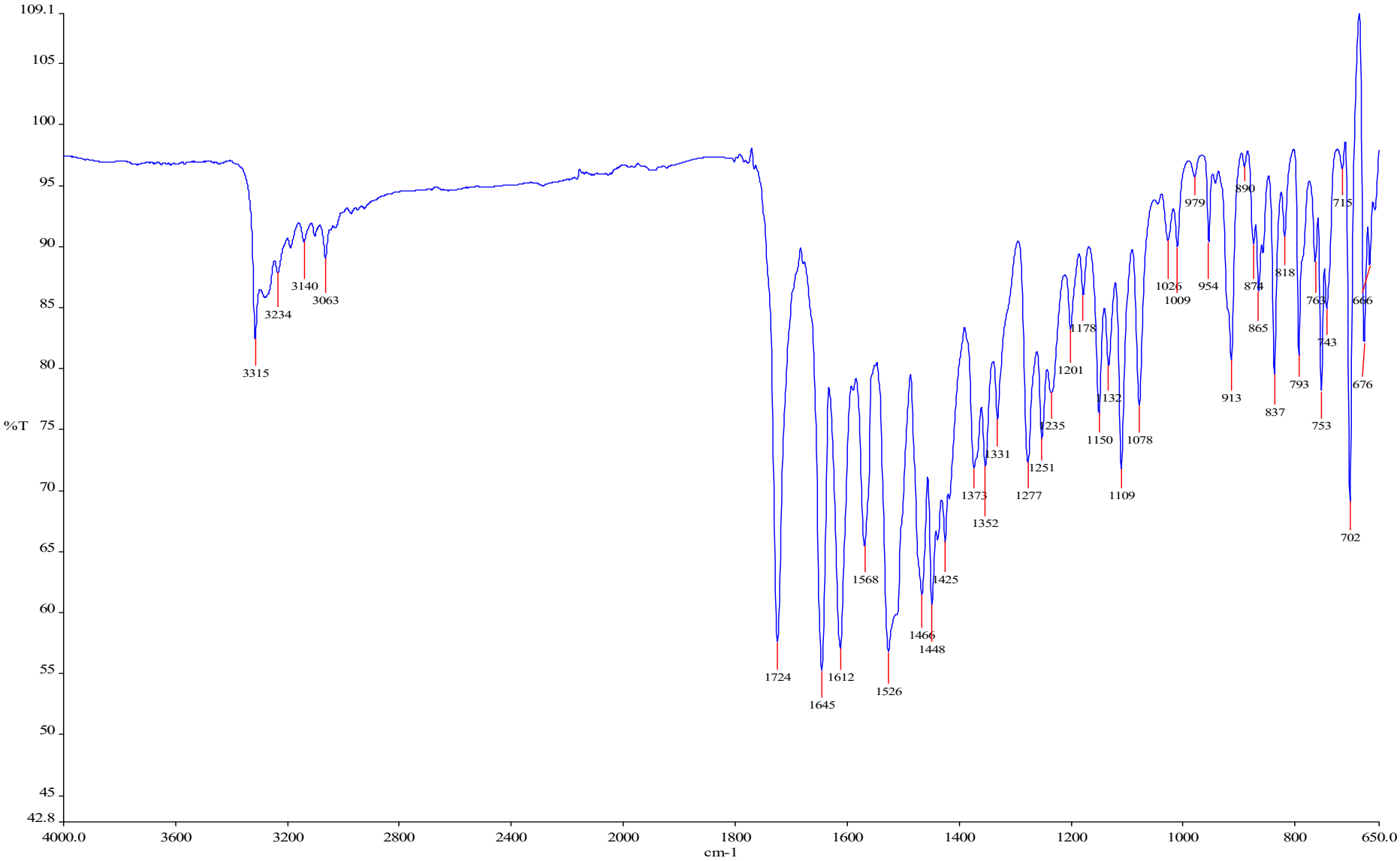


Figure S48: IR spectra of compound **9c**

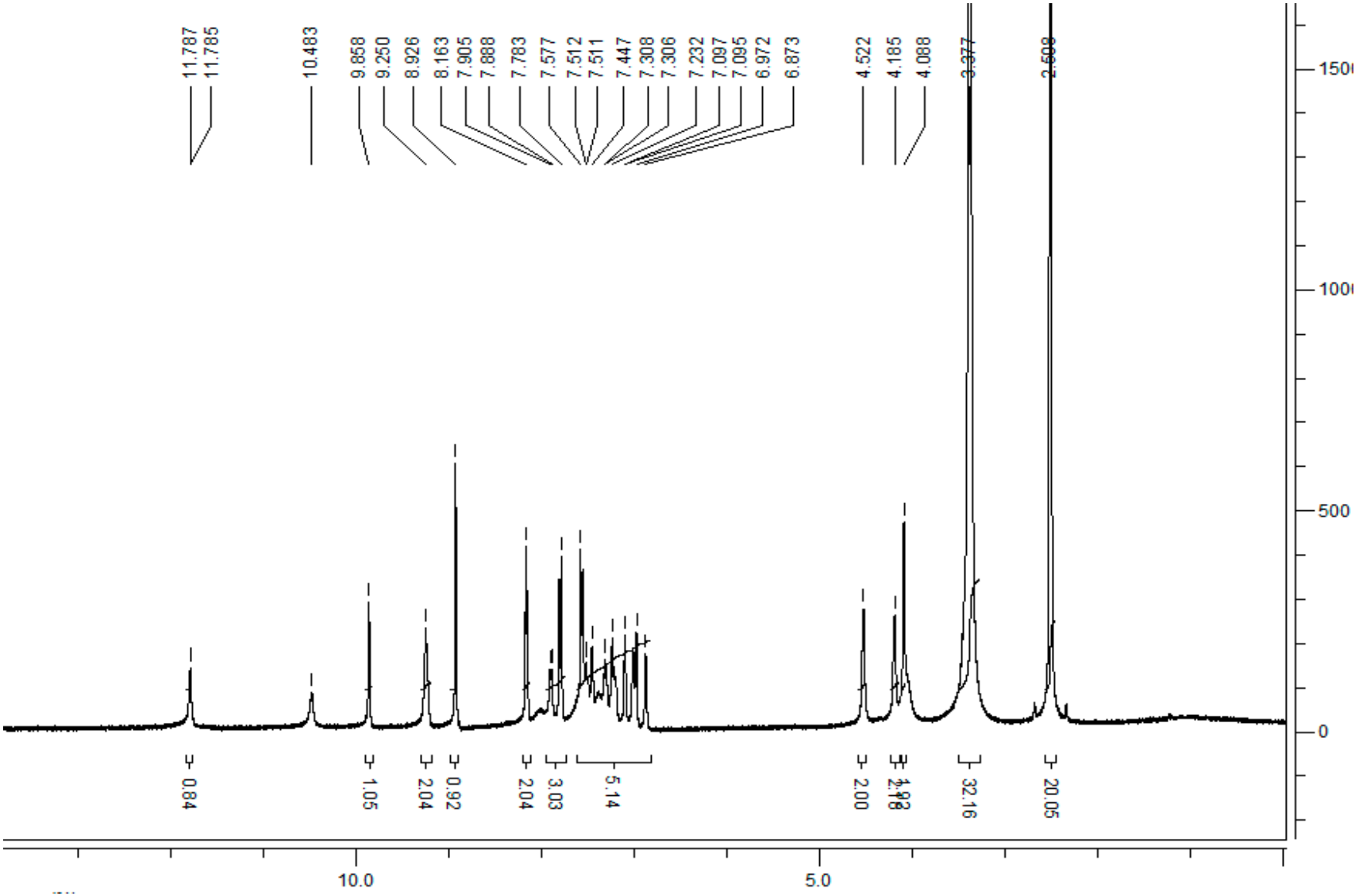


Figure S49: ^{1}H NMR spectra of compound **9c** (DMSO-d_6)

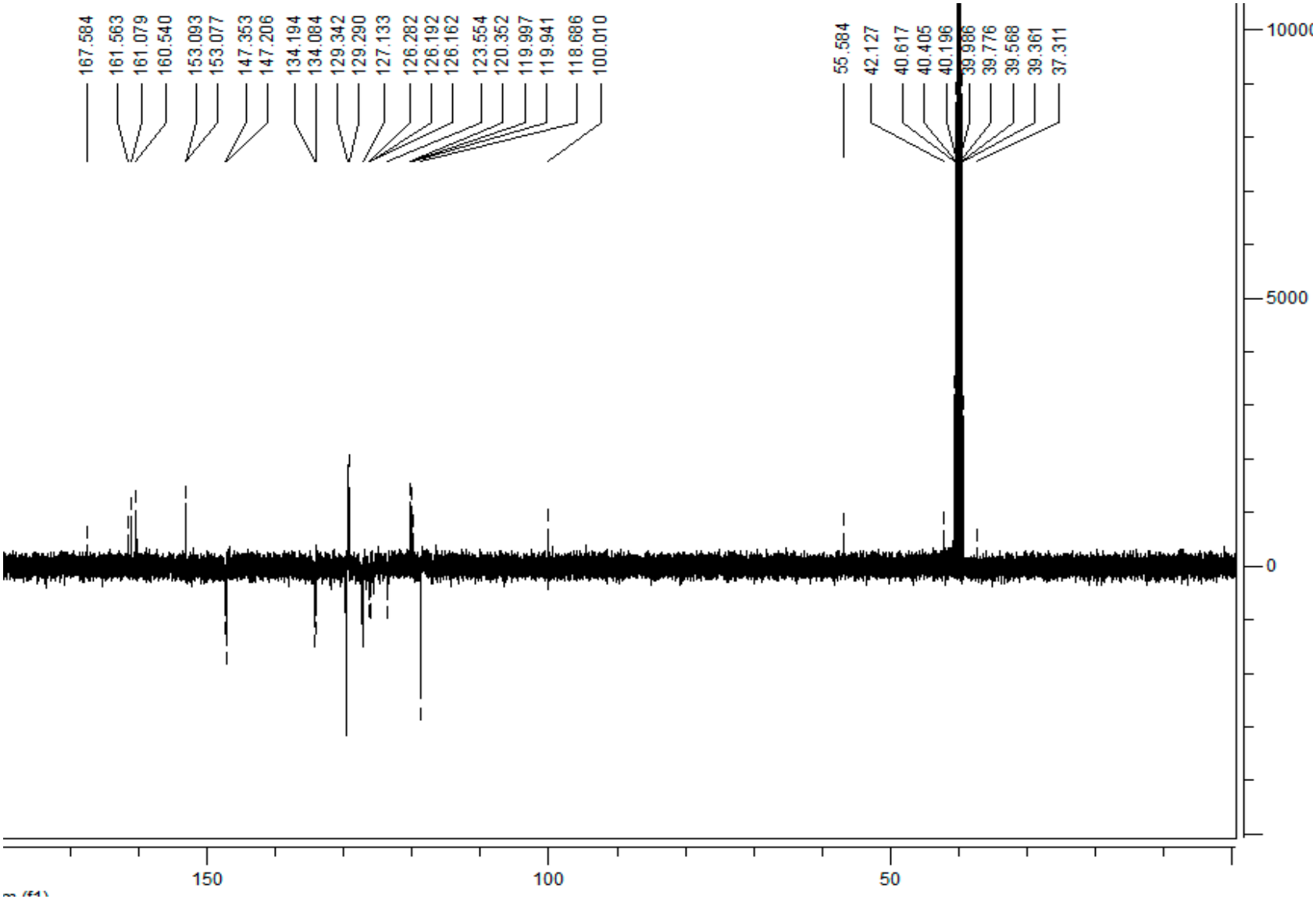


Figure S50: ^{13}C NMR (APT) spectra of compound **9c** (DMSO-d_6)

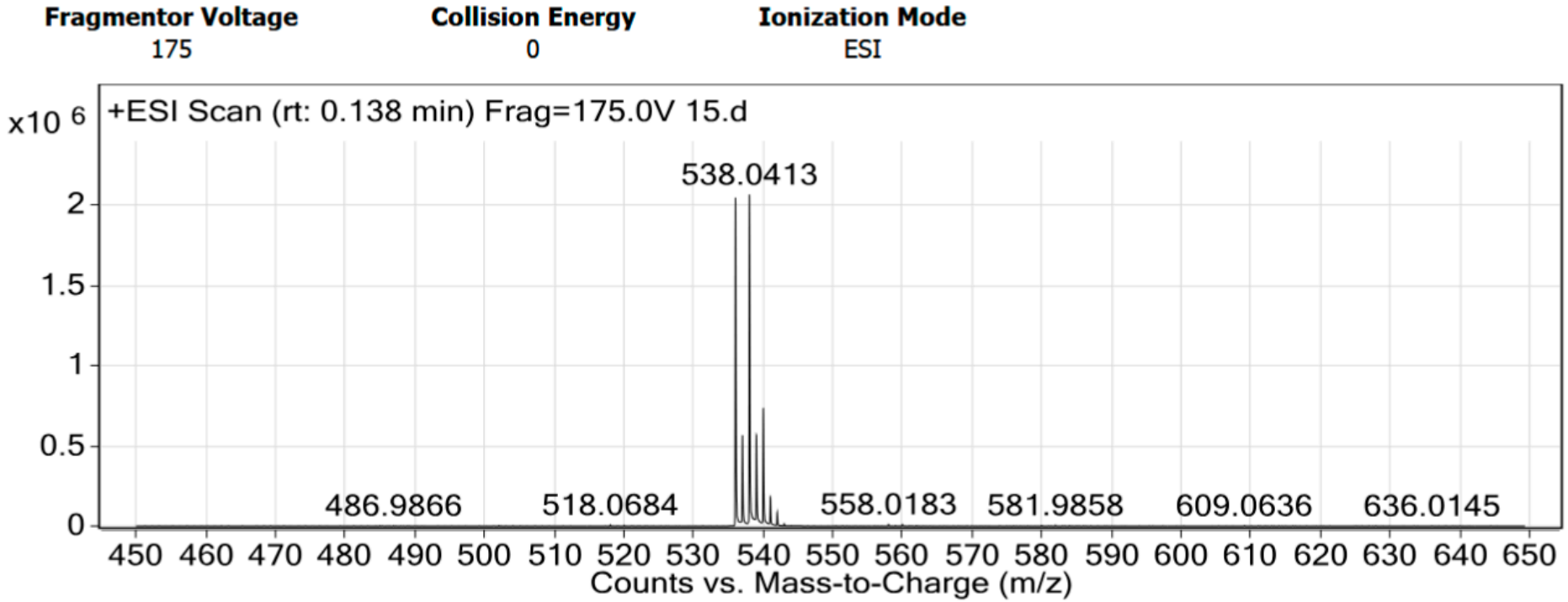


Figure S51: LC MS spectra of compound **9c**

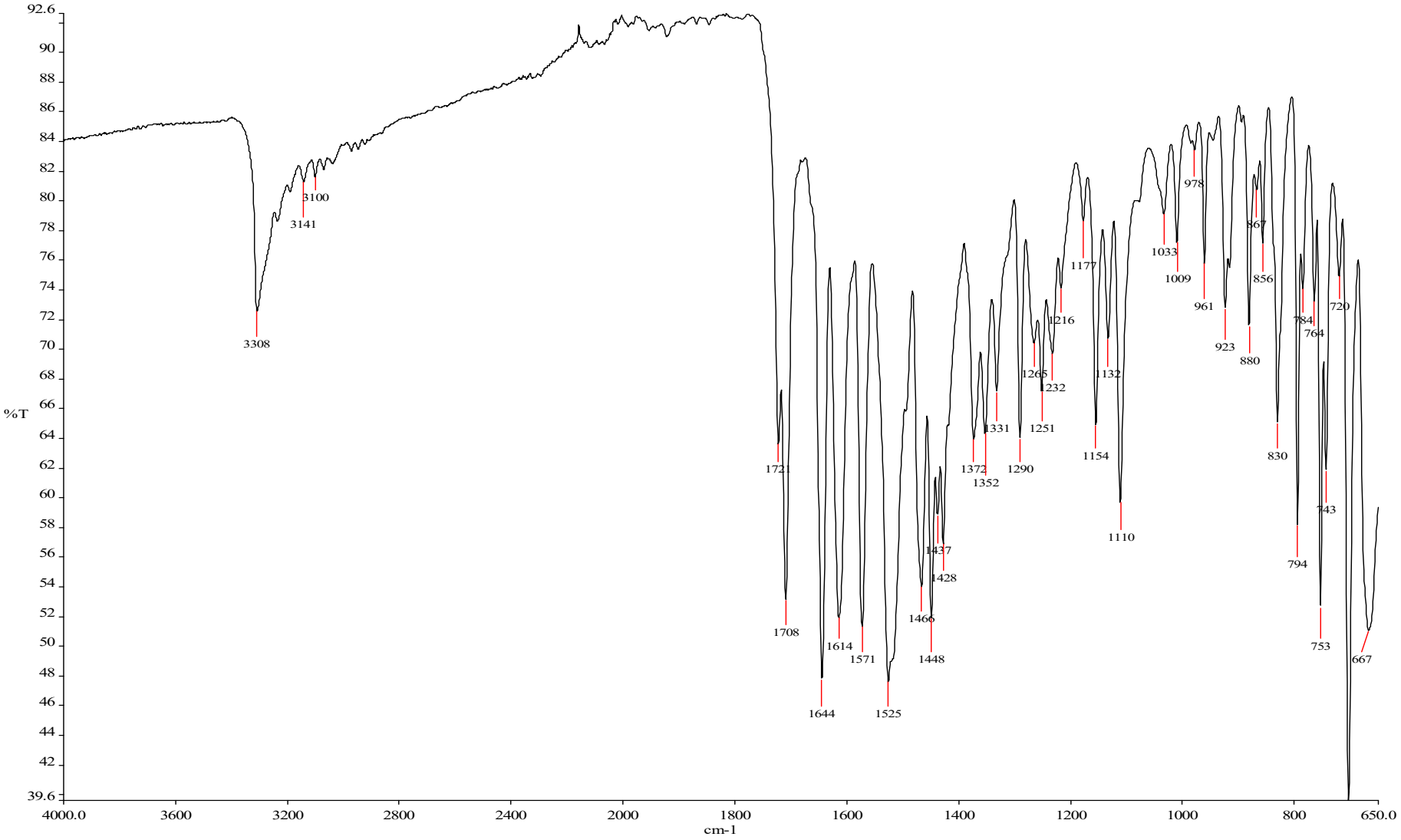


Figure S52: IR spectra of compound **9d**

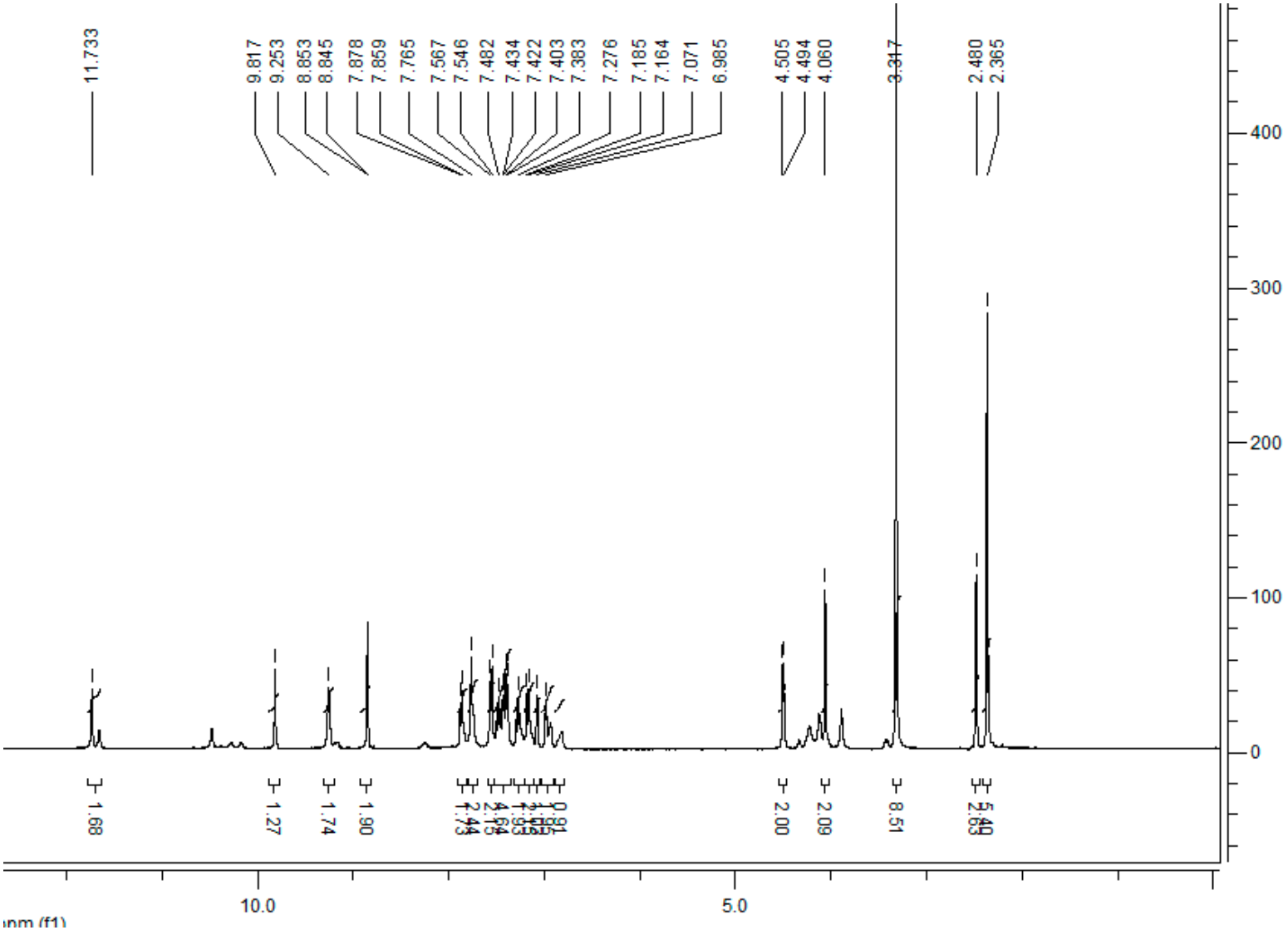


Figure S53: ^{1}H NMR spectra of compound **9d** (DMSO-d_6)

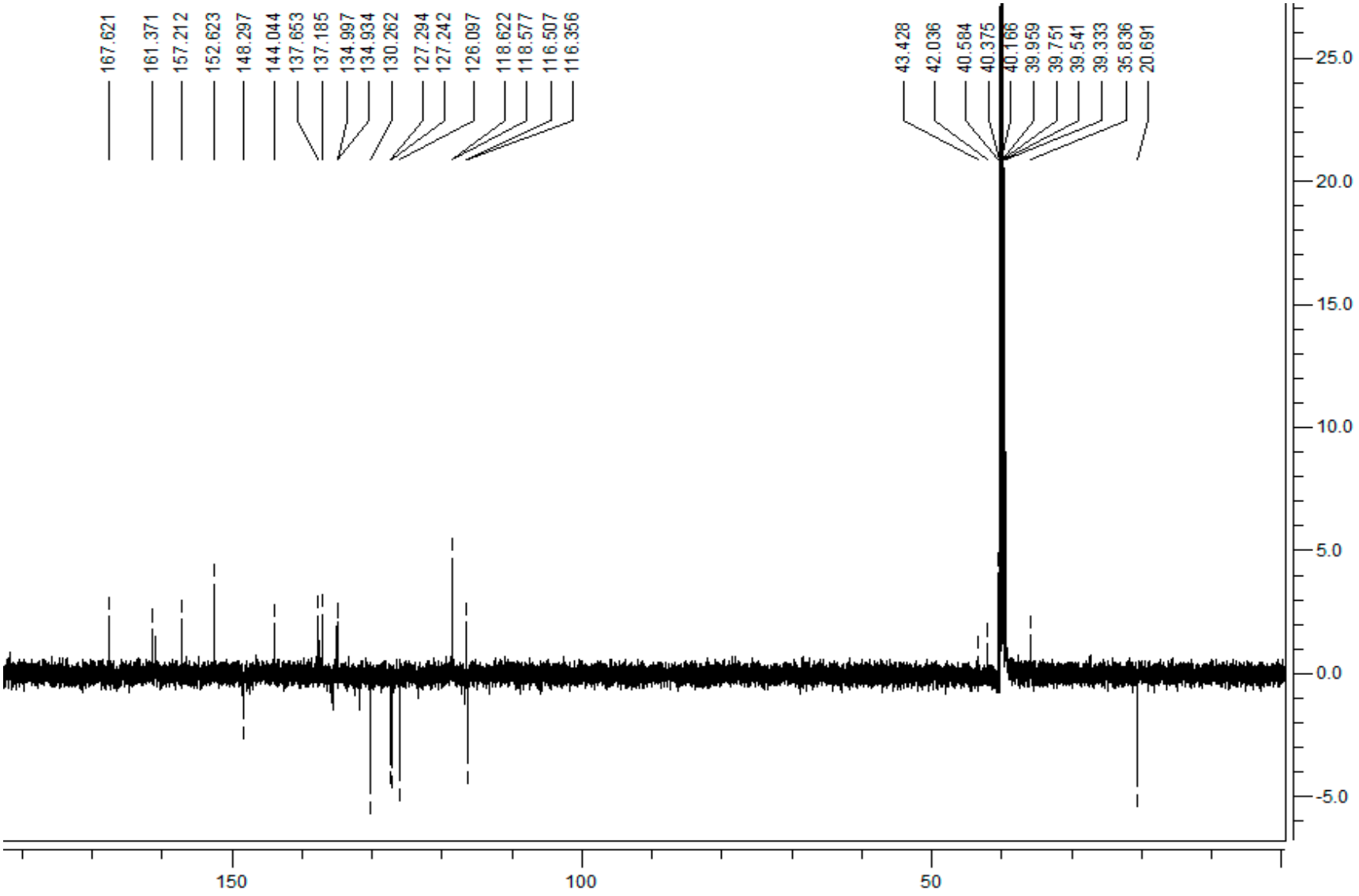


Figure S54: ^{13}C NMR (APT) spectra of compound **9d** (DMSO-d_6)

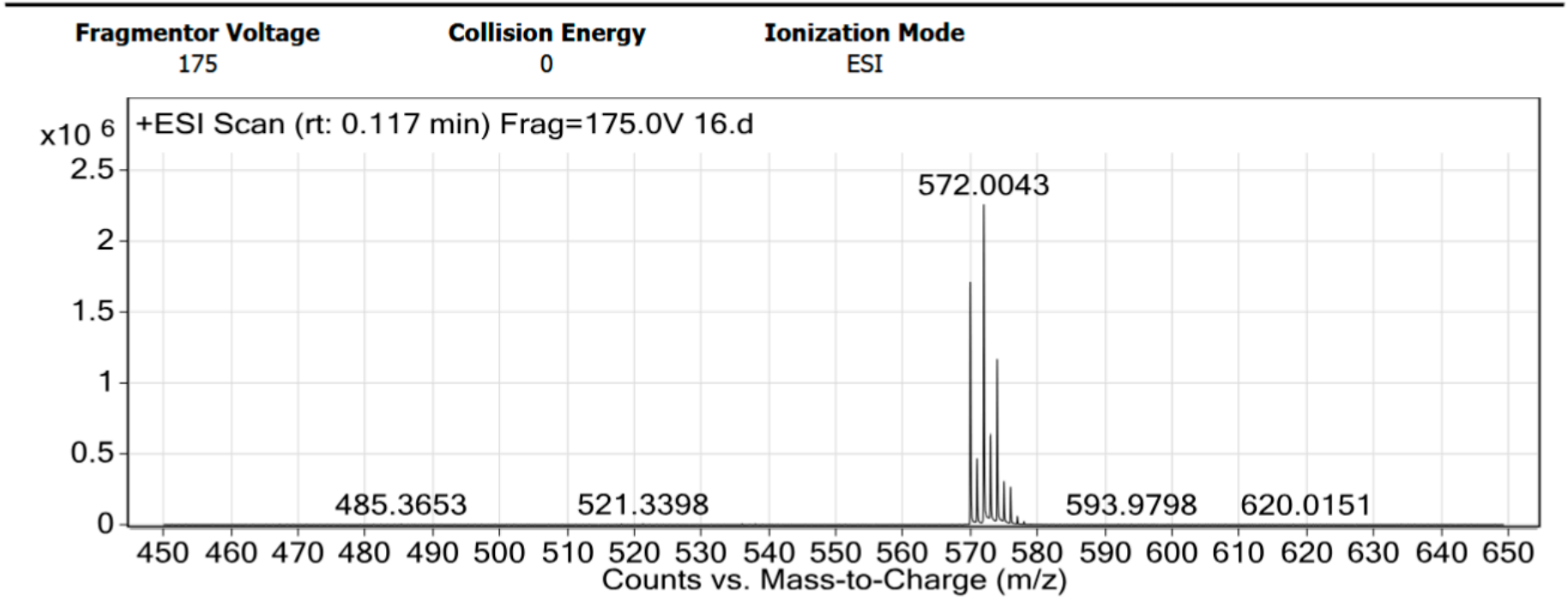


Figure S55: LC MS spectra of compound **9d**



Figure S56: IR spectra of compound **9e**

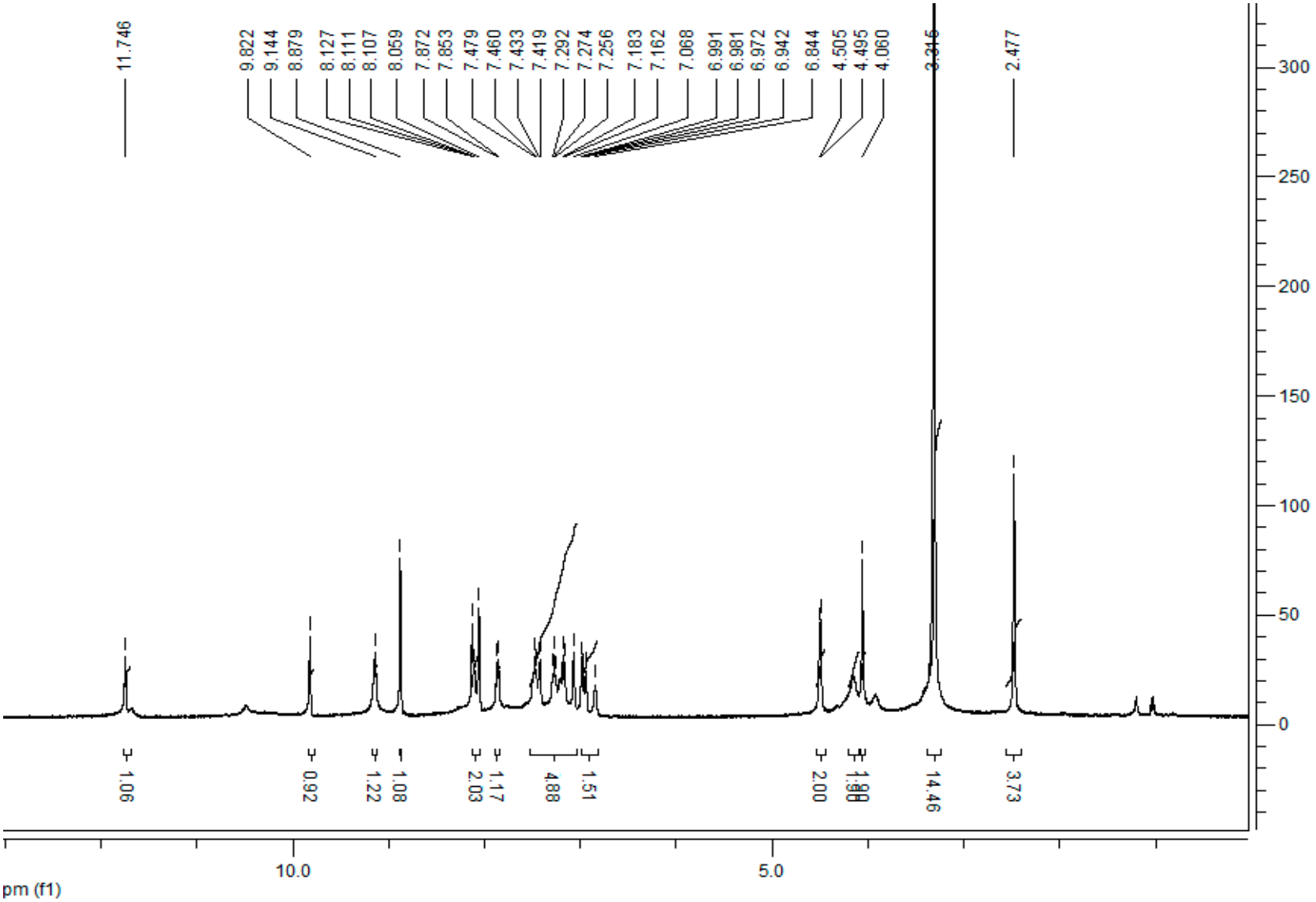


Figure S57: ^{1}H NMR spectra of compound **9e** (DMSO-d_6)

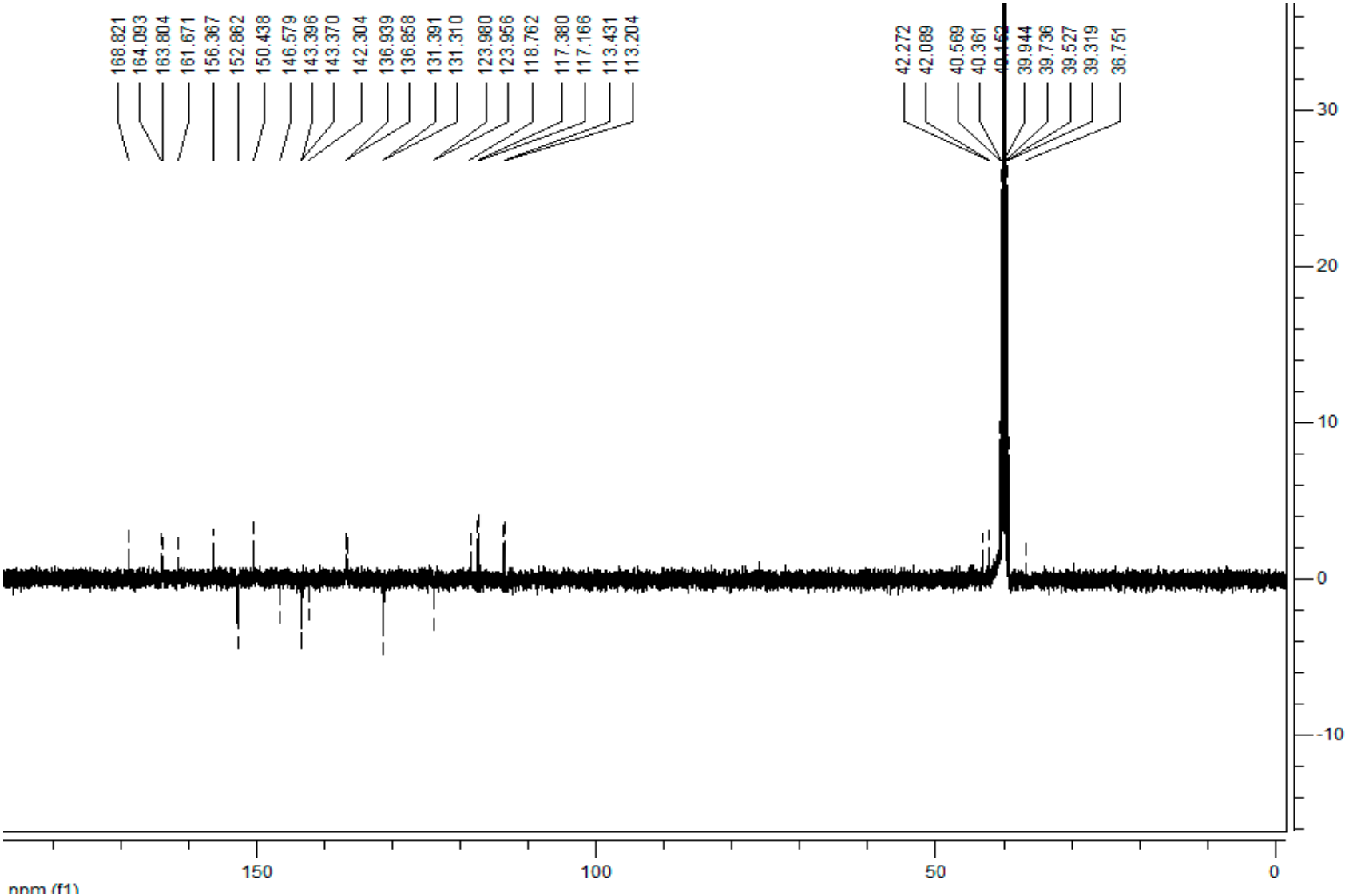


Figure S58: ^{13}C NMR (APT) spectra of compound **9e** (DMSO-d_6)

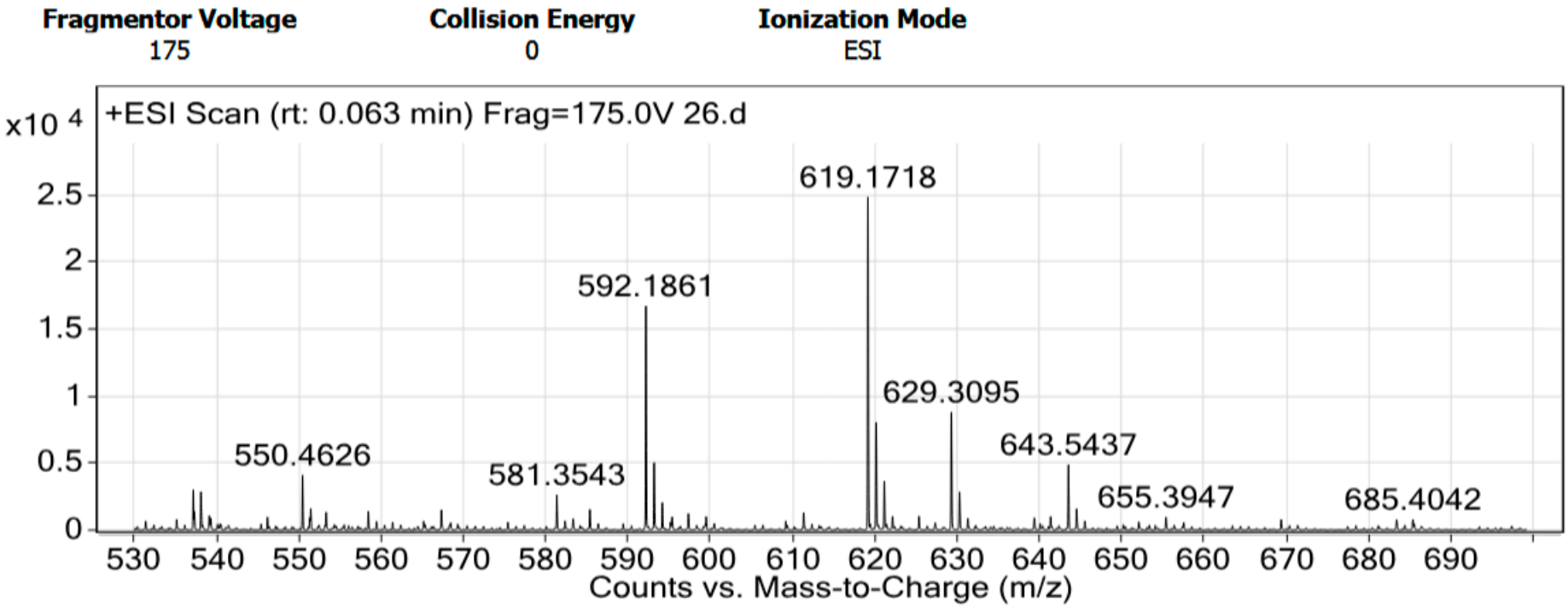


Figure S59: LC MS spectra of compound **9e**

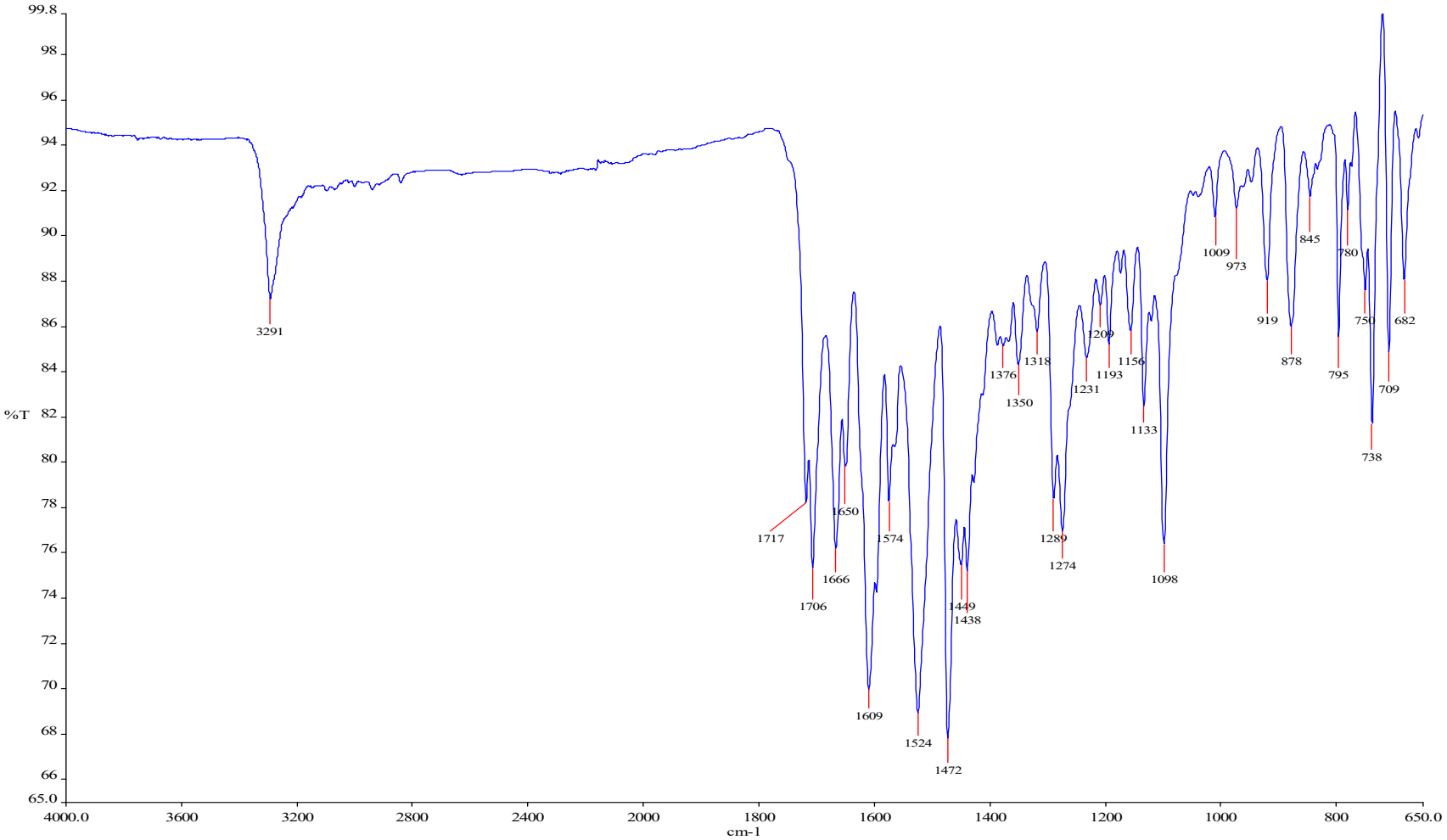


Figure S60: IR spectra of compound **9f**

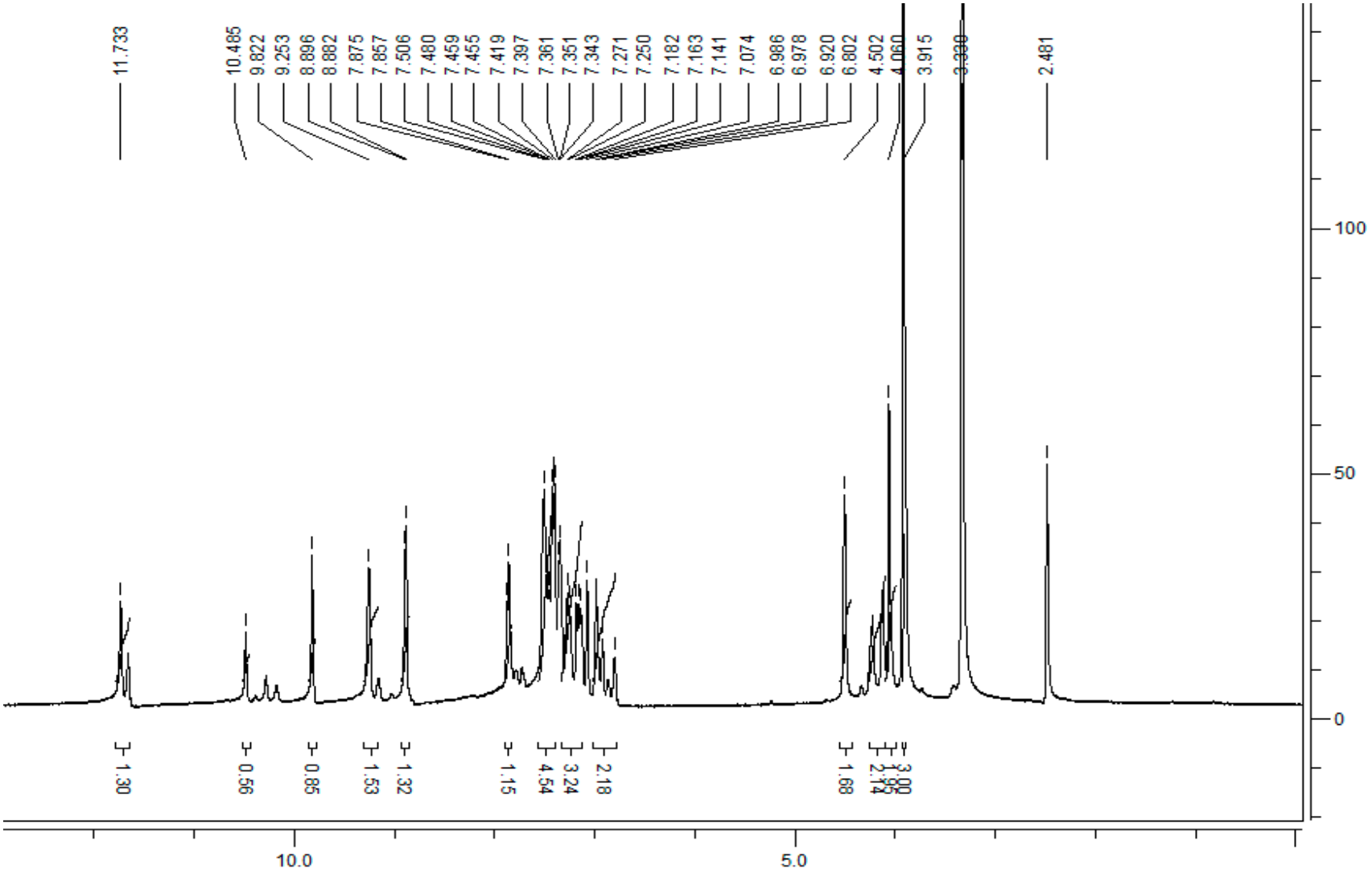


Figure S61: ^{1}H NMR spectra of compound **9f** (DMSO-d_6)

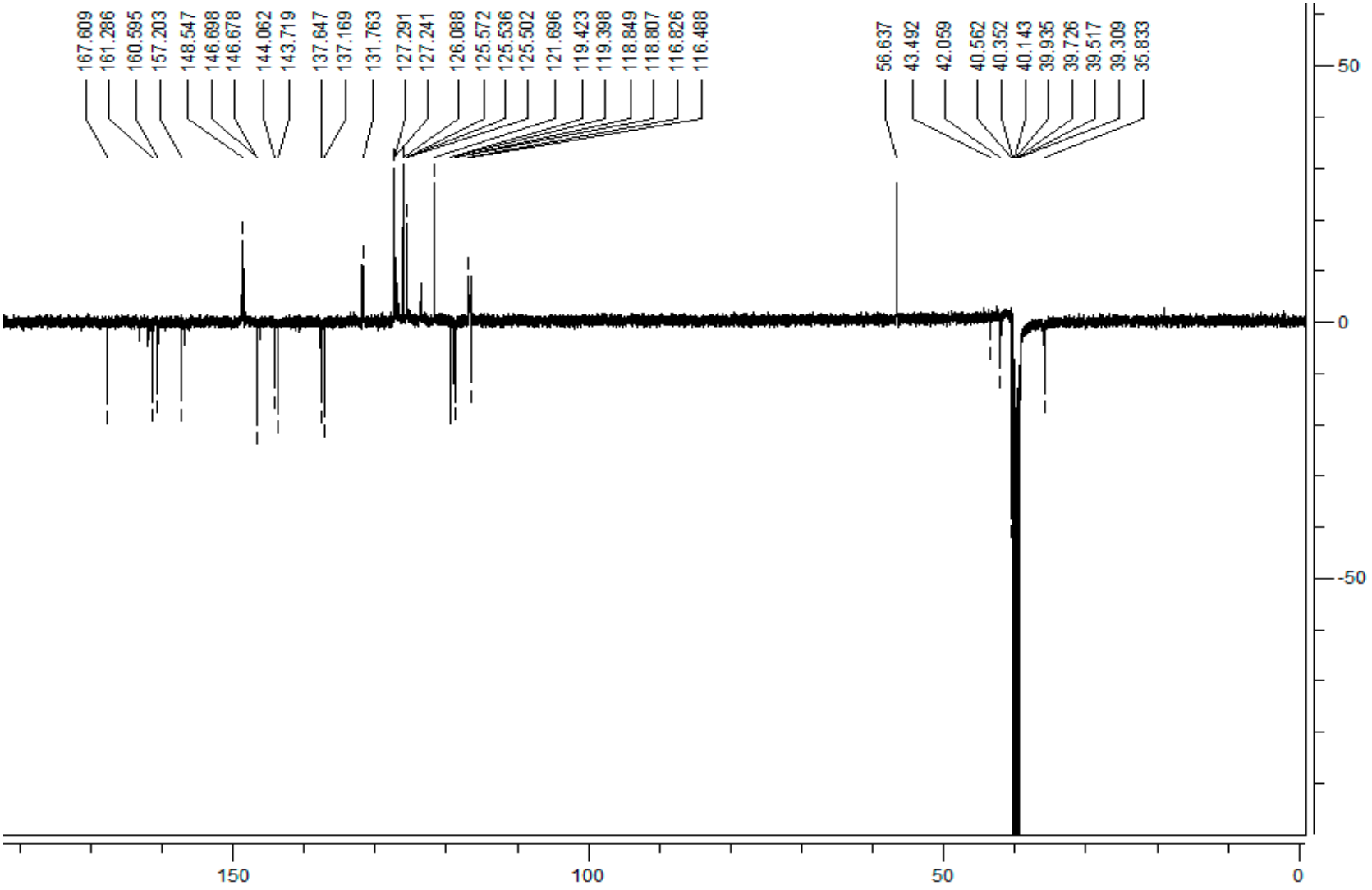


Figure S62: ^{13}C NMR (APT) spectra of compound **9f** (DMSO-d_6)