Supplementary materials

Evaluation of antiviral, antibacterial and antiproliferative activities of the endophytic fungus *Curvularia papendorfii*, and isolation of a new polyhydroxyacid.

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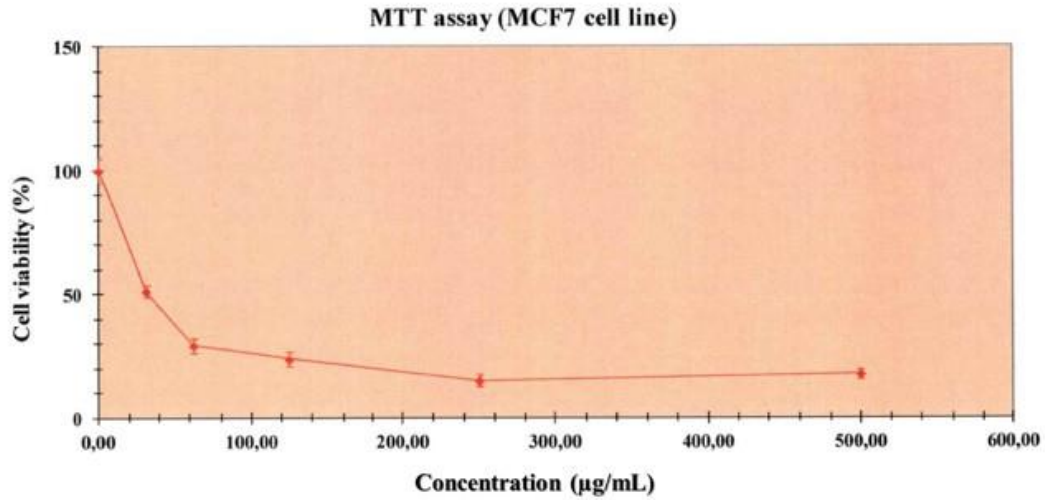
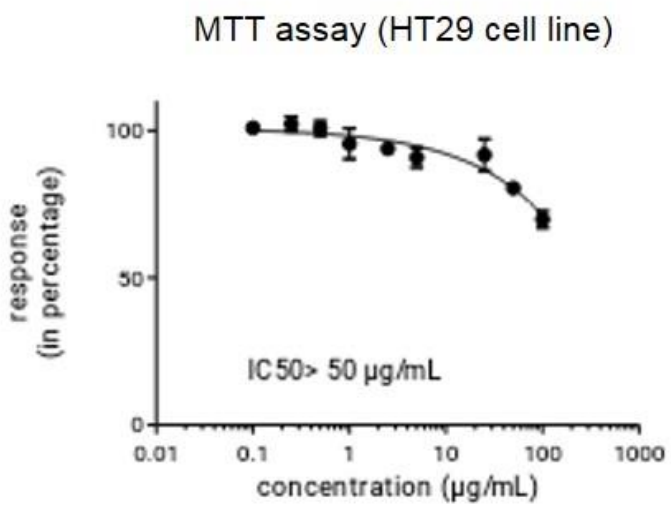
Figure S1: Response-dose curves established from results obtained by MTT assays after MCF7, HT29 and HCT116 cells exposure of *C. papendorfii*.





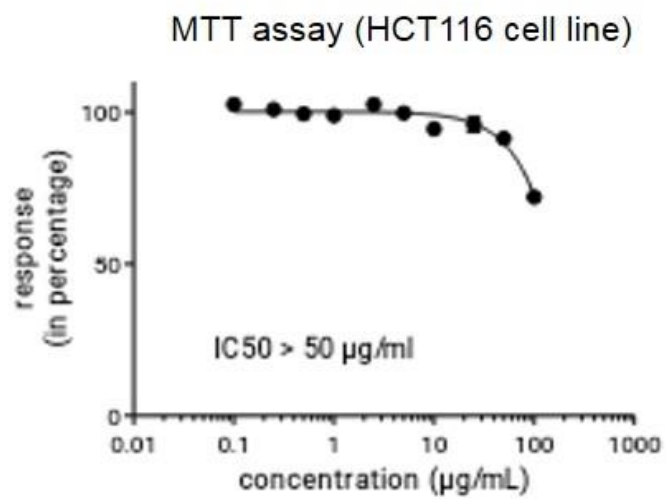
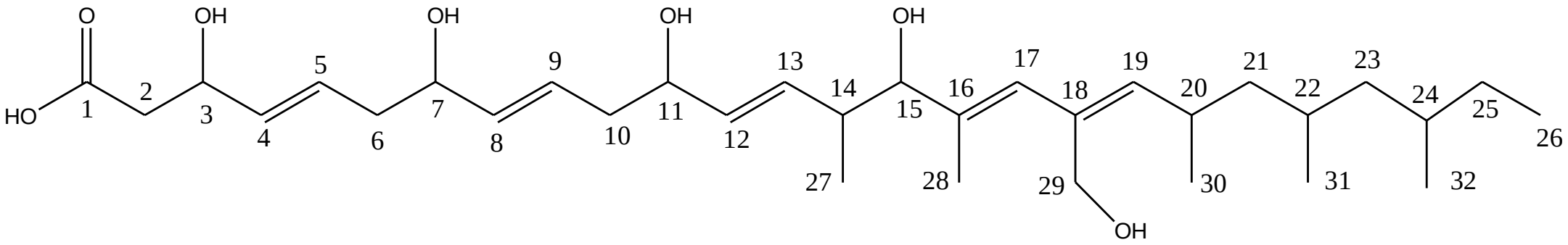


Figure S2: Chemical structure of compound **1**



3,7,11,15-Tetrahydroxy-18-hydroxymethyl-14,16,20,22,24-pentamethyl-hexacosa-4E,8E,12E,16,18-pentaenoic acid

=

kheiric acid

Figure S3: IR spectrum of compound **1**

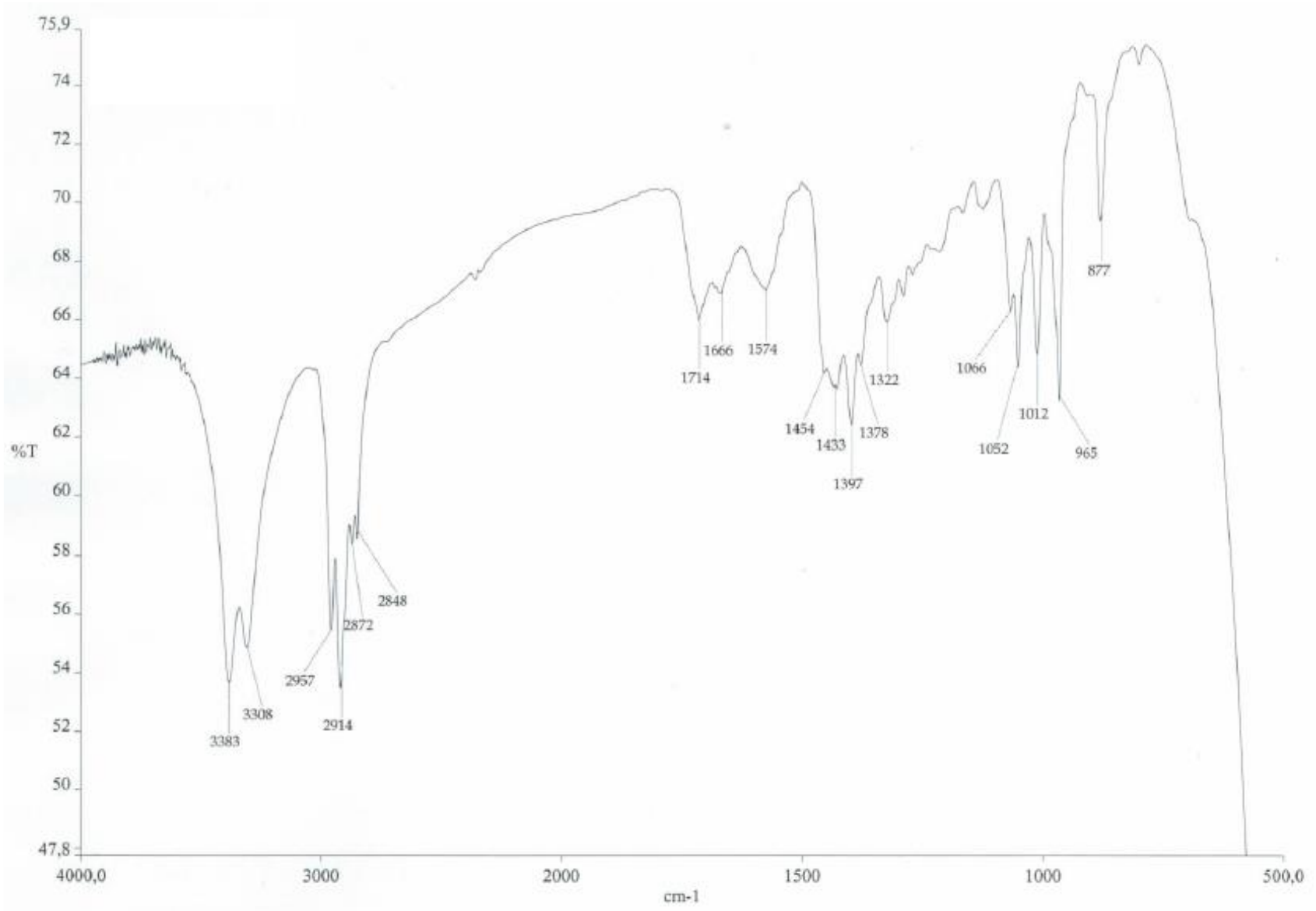


Figure S4: HR-ESI-MS spectrum of compound **1**

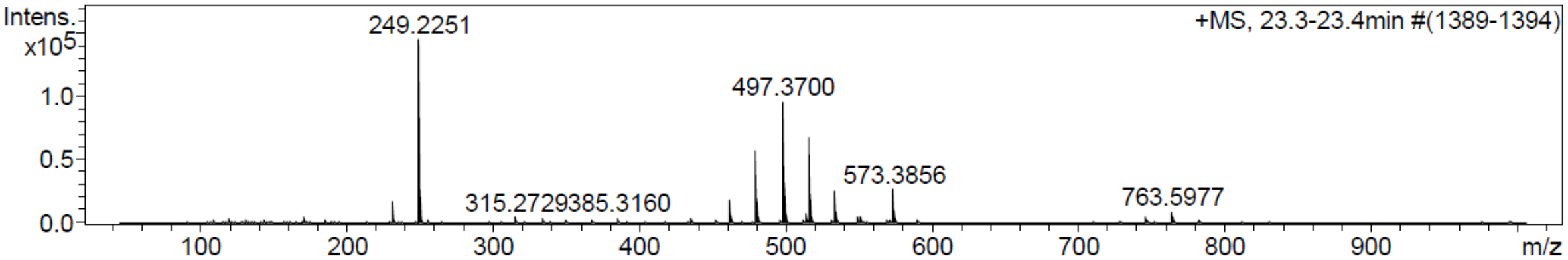


Figure S5: ^{1}H-NMR spectrum of compound **1** in CD_3OD (400 MHz)

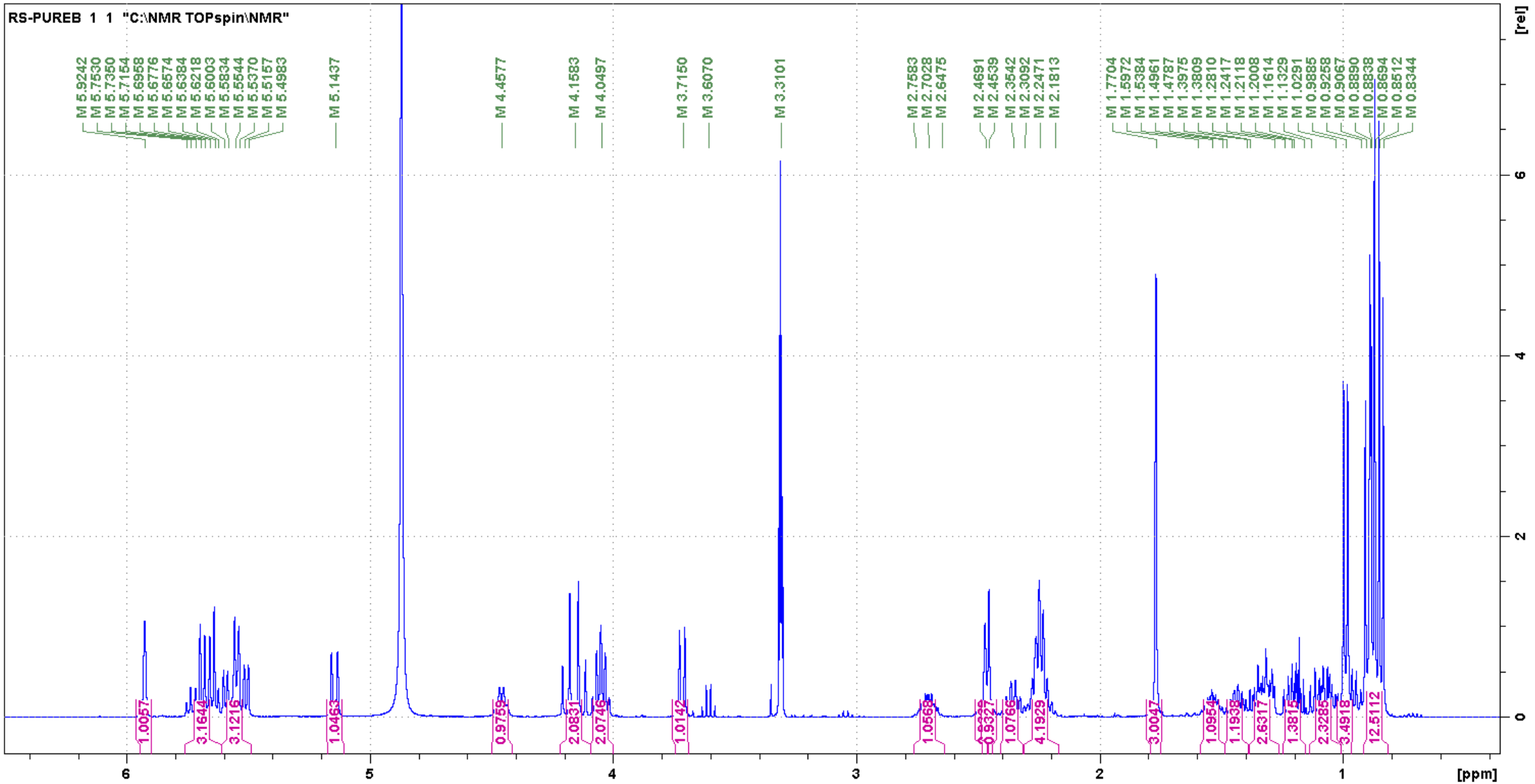


Figure S6: ^{13}C-NMR spectrum of compound **1** in CD_3OD (100 MHz)

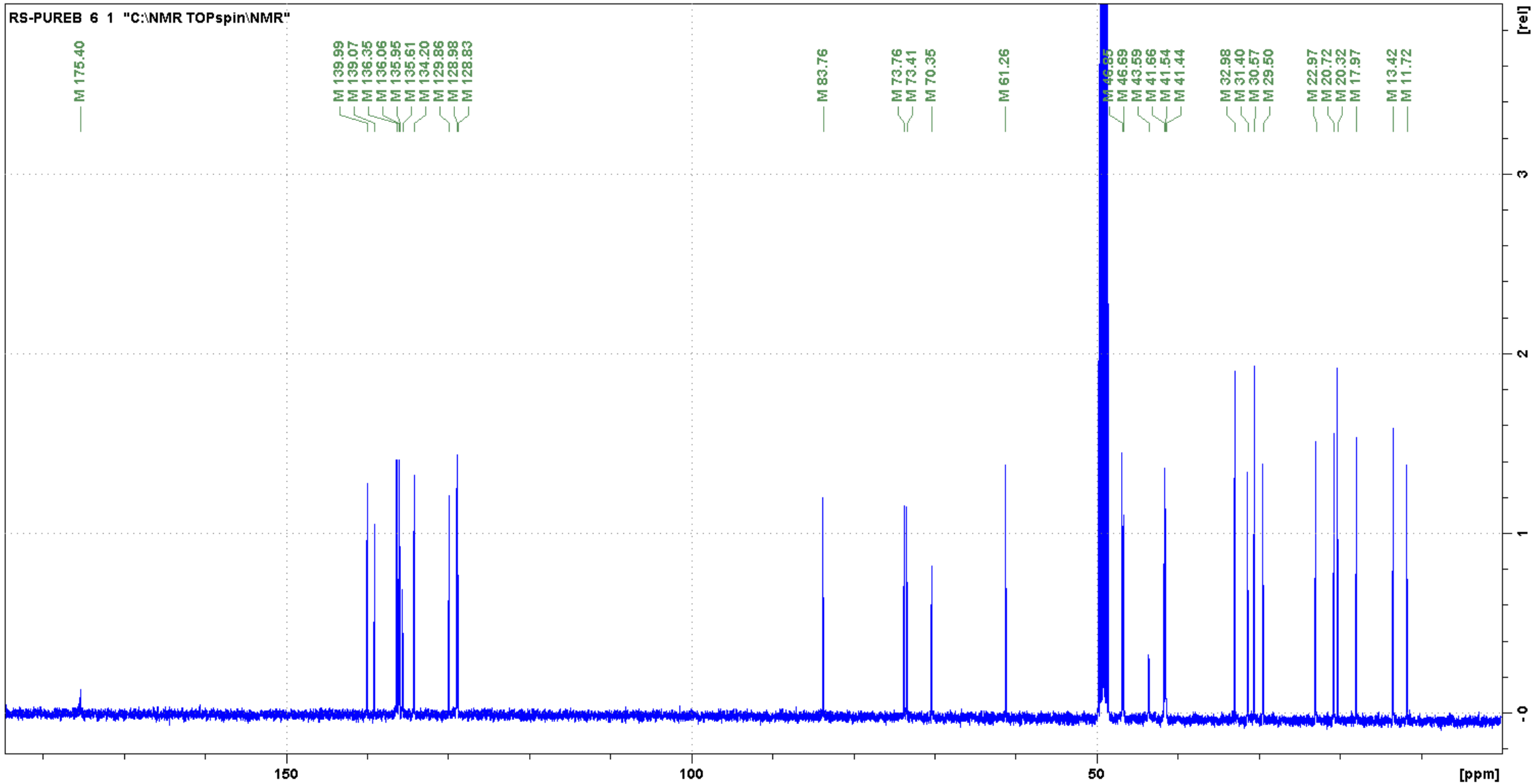


Figure S7: ^{1}H-^{1}H COSY spectrum of compound **1** in CD_3OD

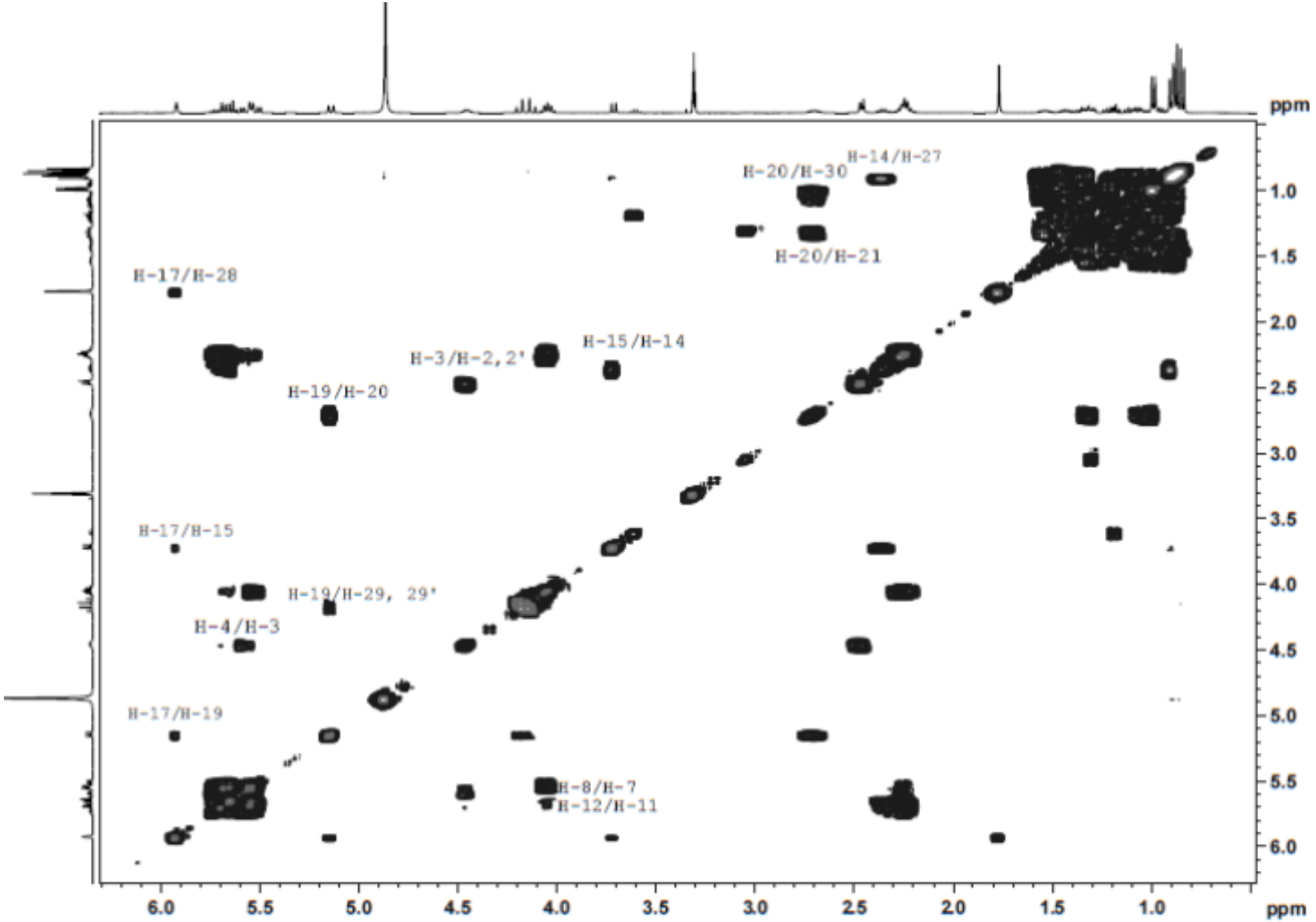


Figure S8: HSQC spectrum of compound **1** in CD_3OD

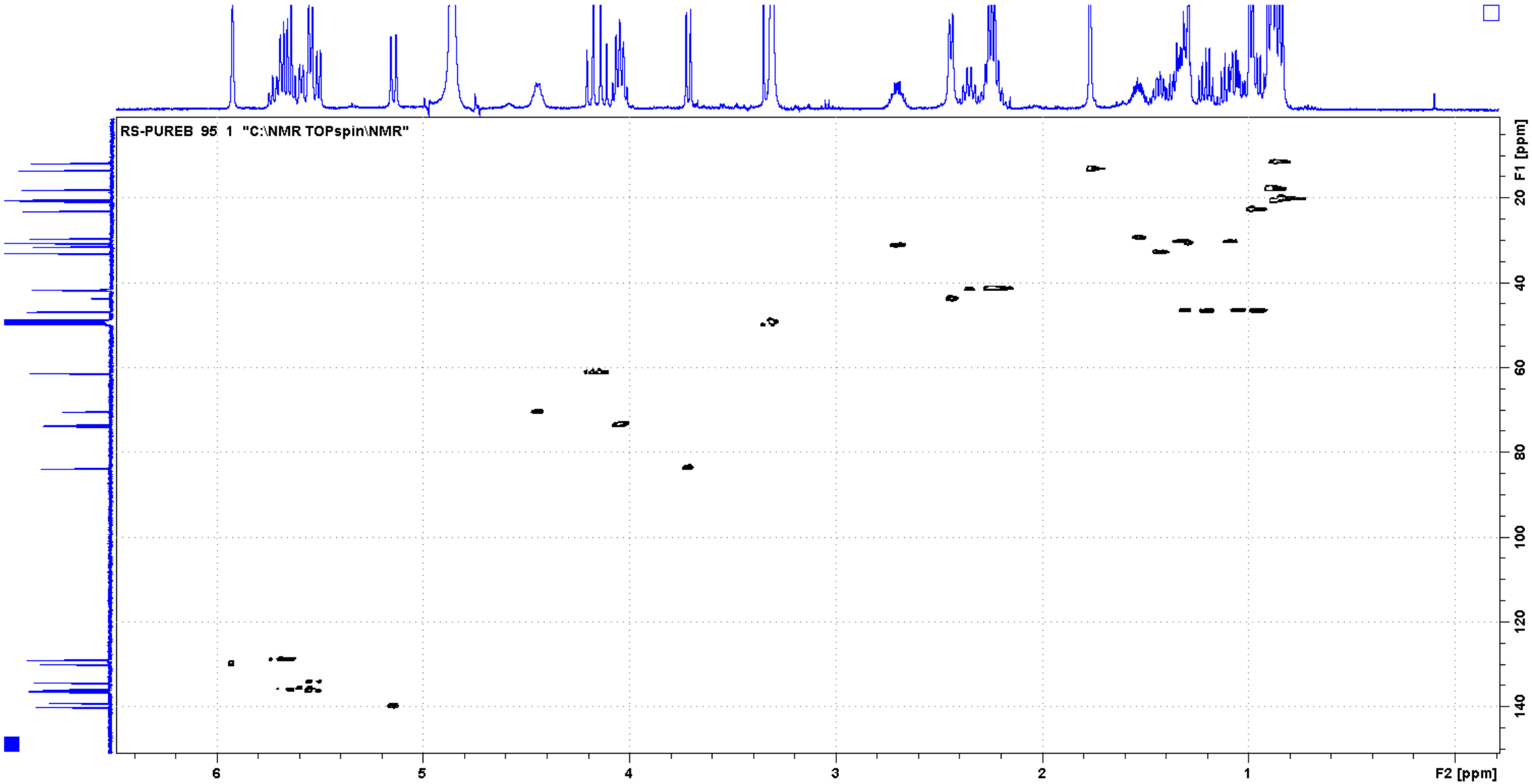


Figure S9: Zoom HSQC spectrum of compound **1** in CD_3OD

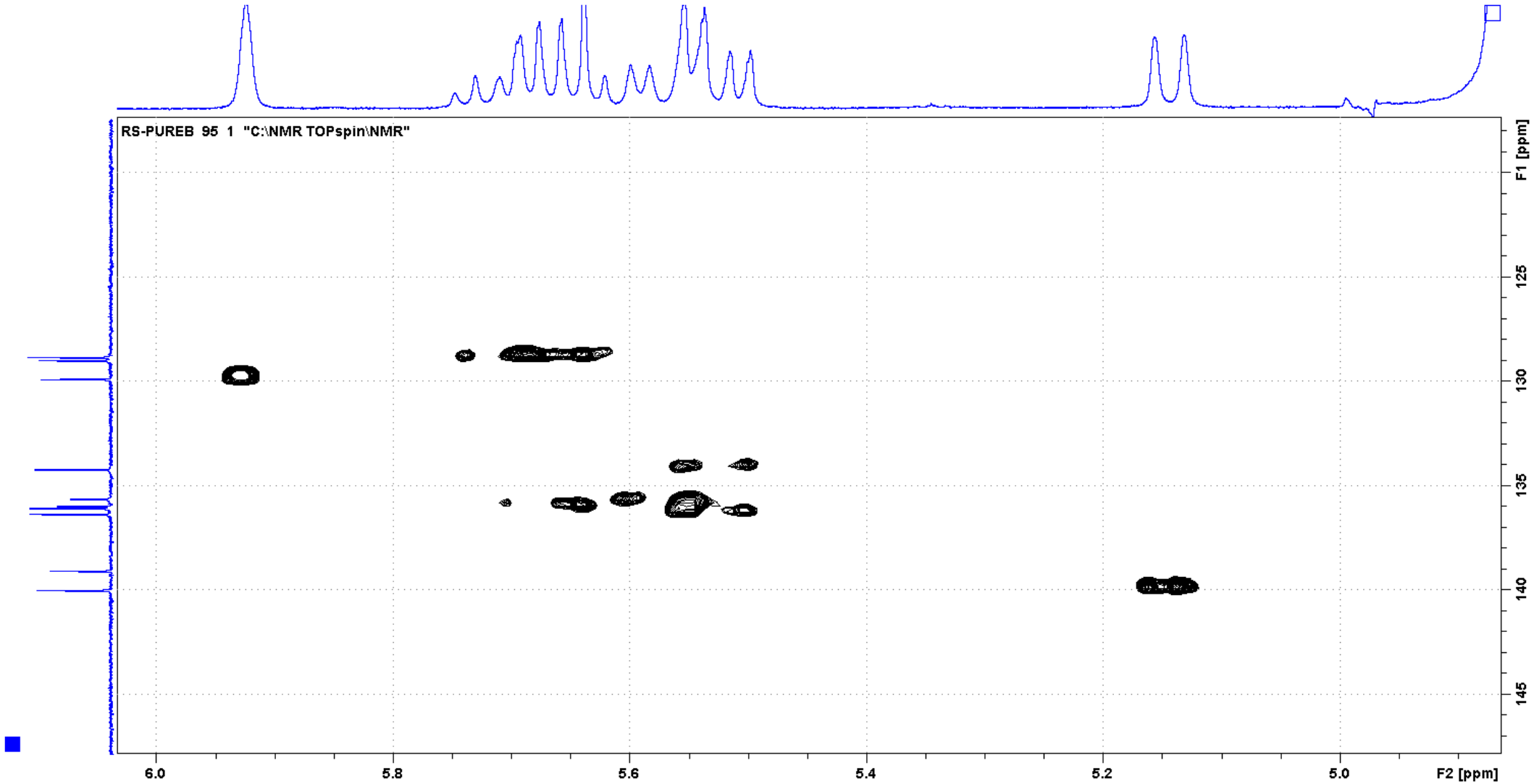


Figure S10: HMBC spectrum of compound **1** in CD_3OD

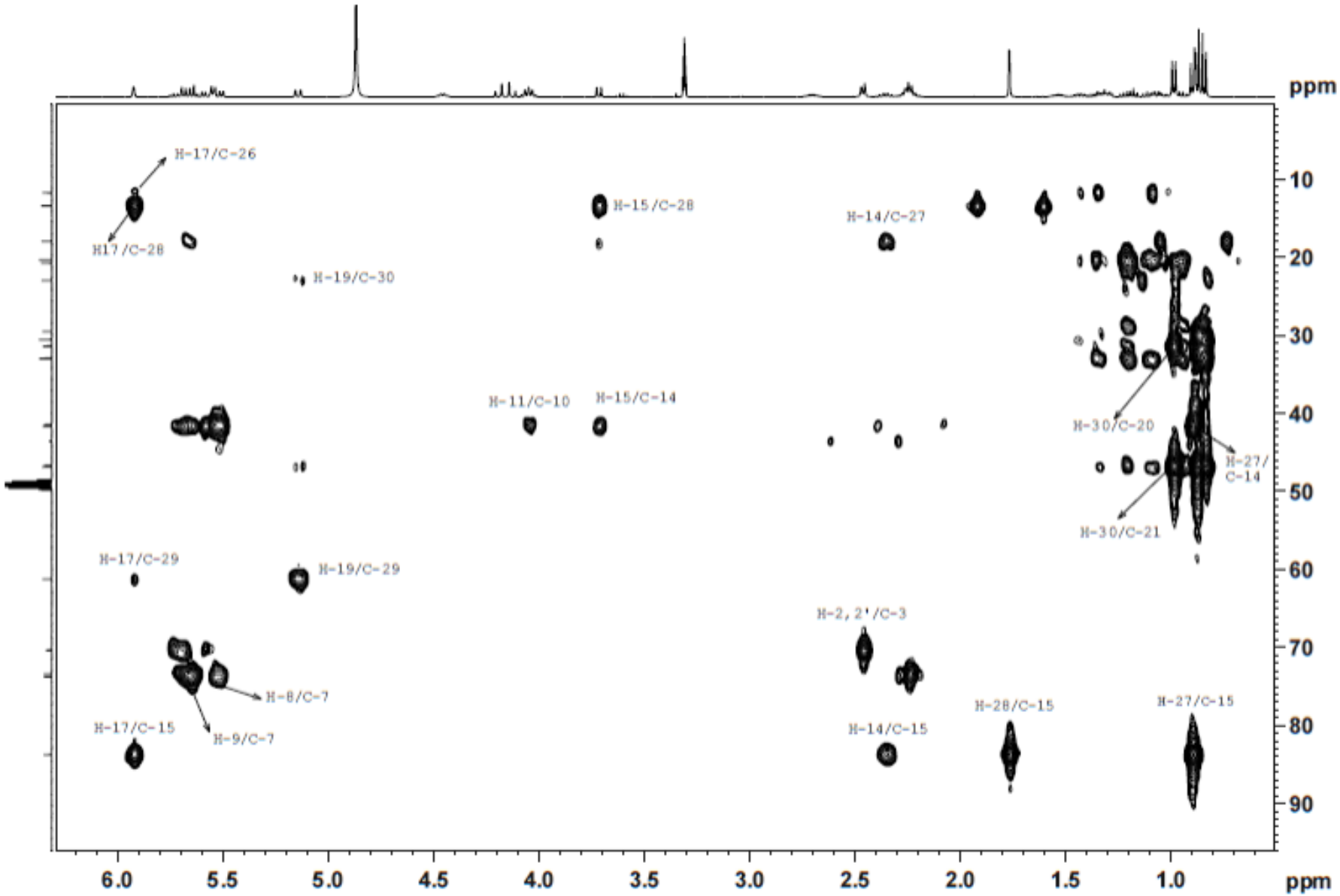


Figure S11: Zoom of HMBC spectrum of compound **1** in CD_3OD

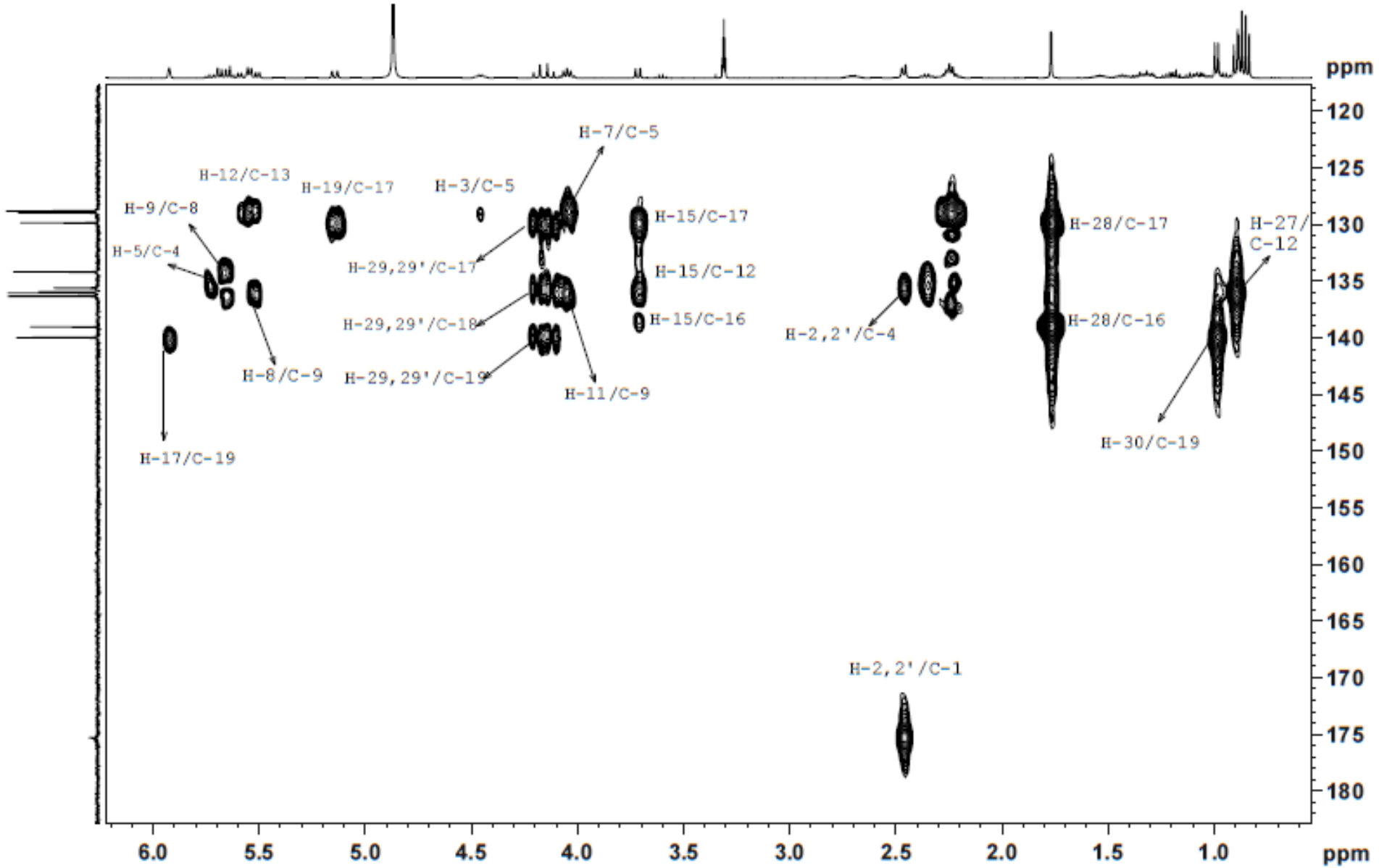


Figure S12: ^{1}H-NMR spectrum of compound **1** in pyridine d_5 (400 MHz)

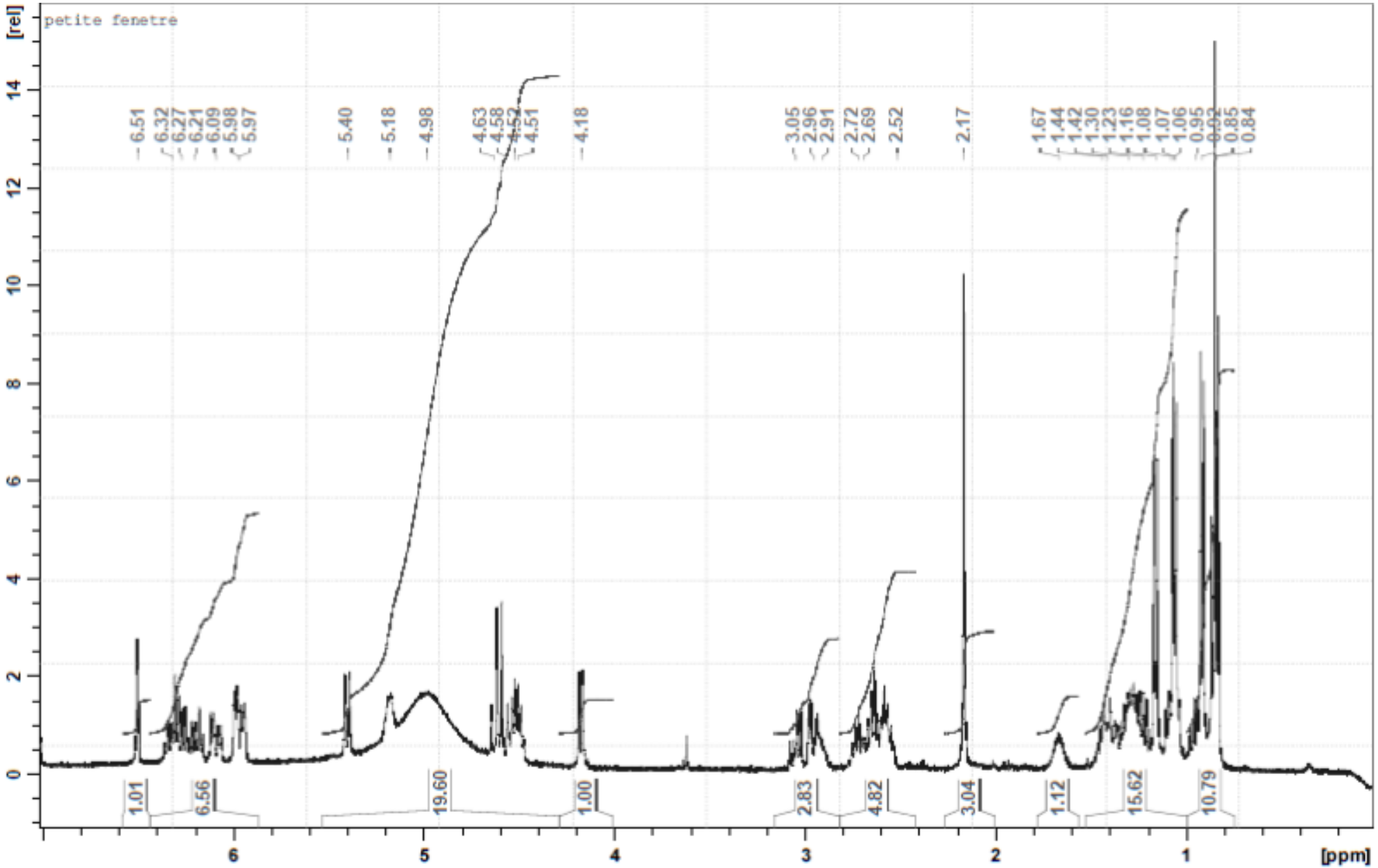


Figure S13: ^{13}C-NMR spectrum of compound **1** in pyridine d_5 (100 MHz)

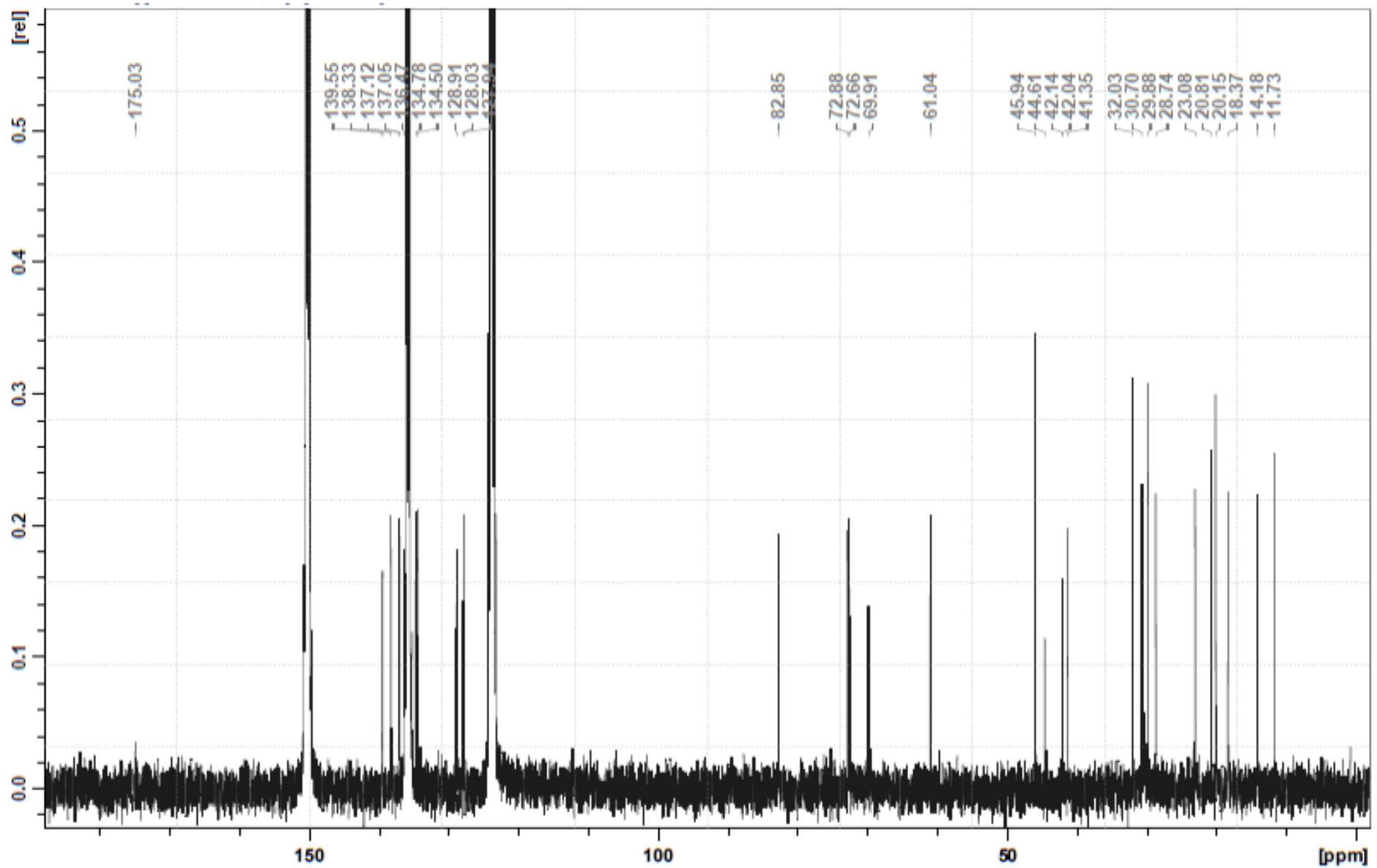
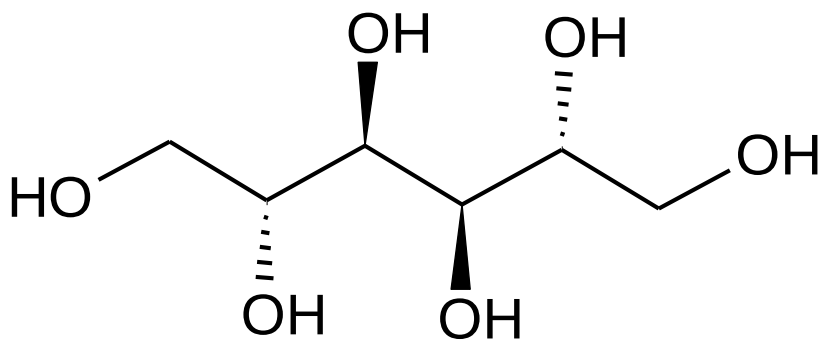


Figure S14: Chemical structure of compound **2**



Mannitol

Figure S15: HR-ESI-MS spectrum of compound **2**

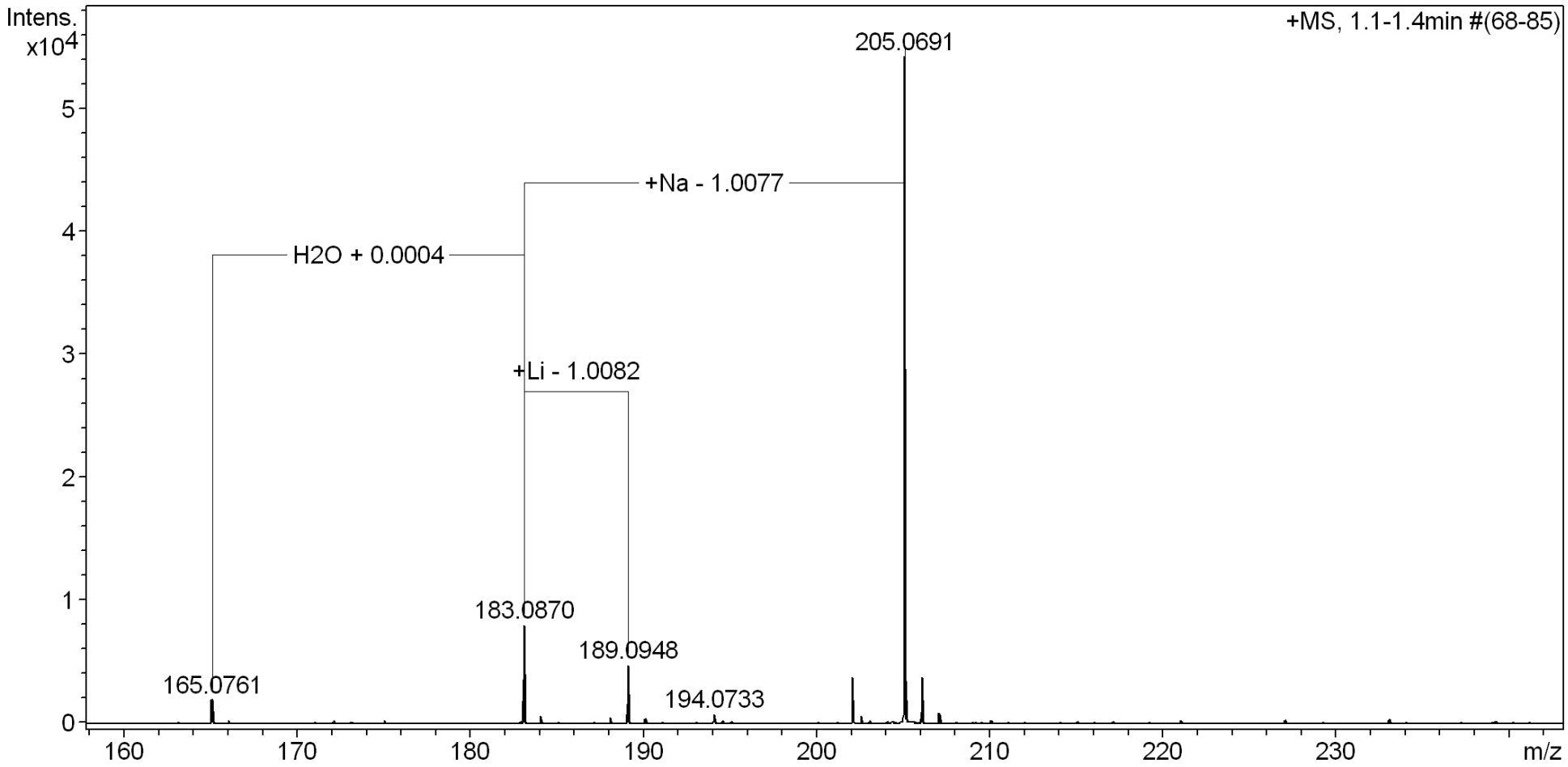


Figure S16: ^{1}H-NMR spectrum of compound **2** in DMSO d_6 (400 MHz)

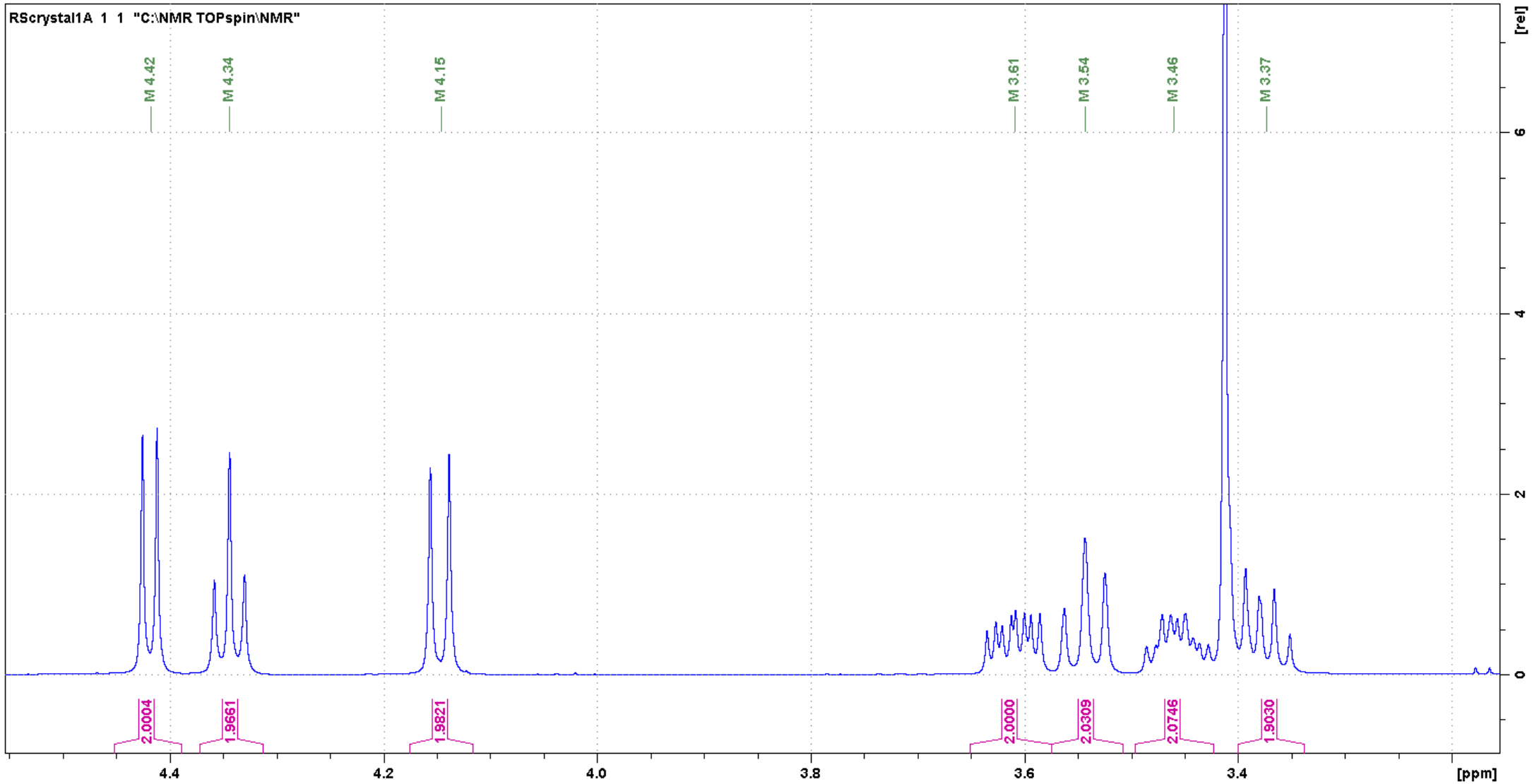


Figure S17: ^{13}C-NMR spectrum of compound **2** in DMSO d_6 (100 MHz)

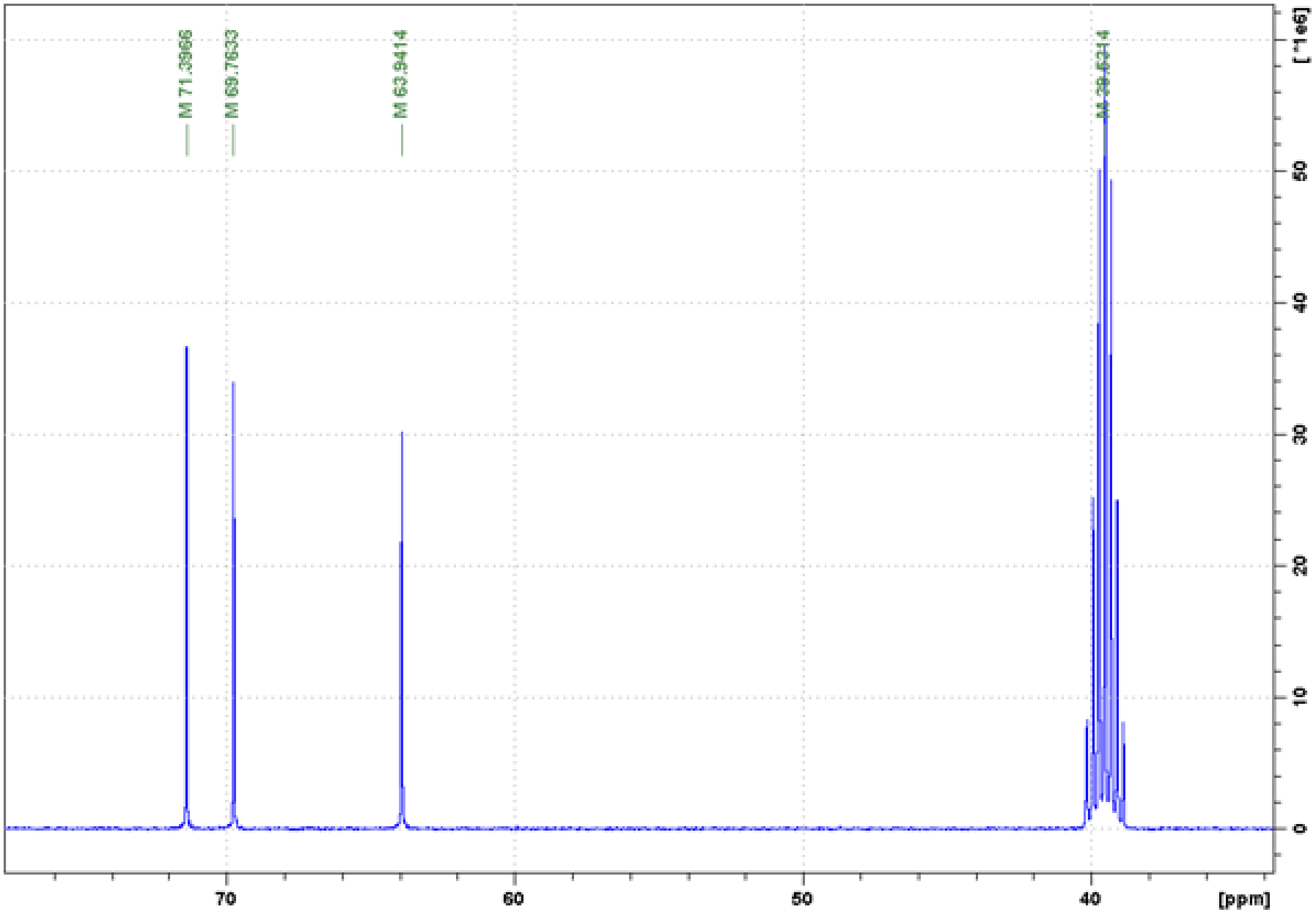


Figure S18: ^{1}H-^{1}H COSY spectrum of compound **2**

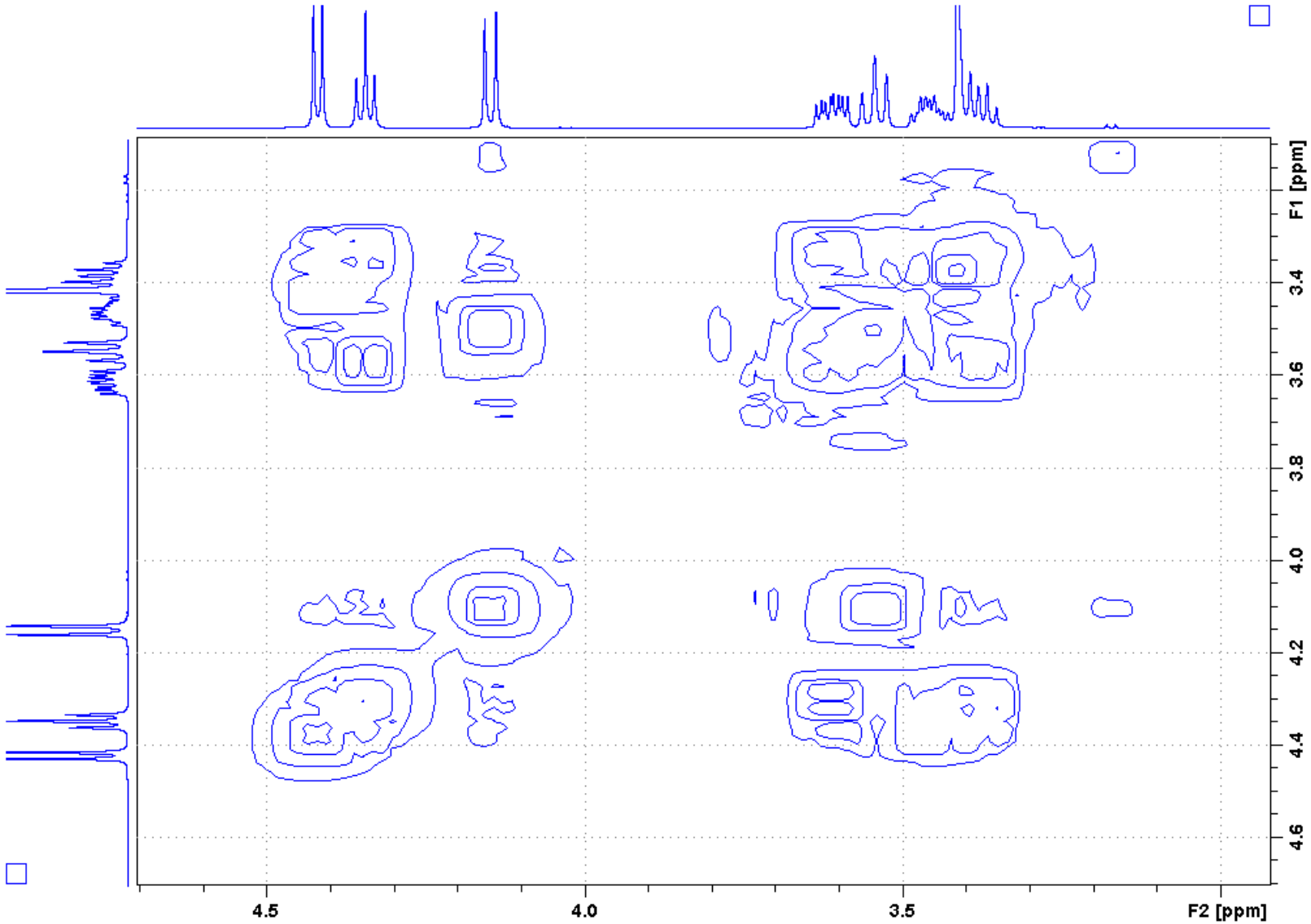


Figure S19: HSQC spectrum of compound **2**

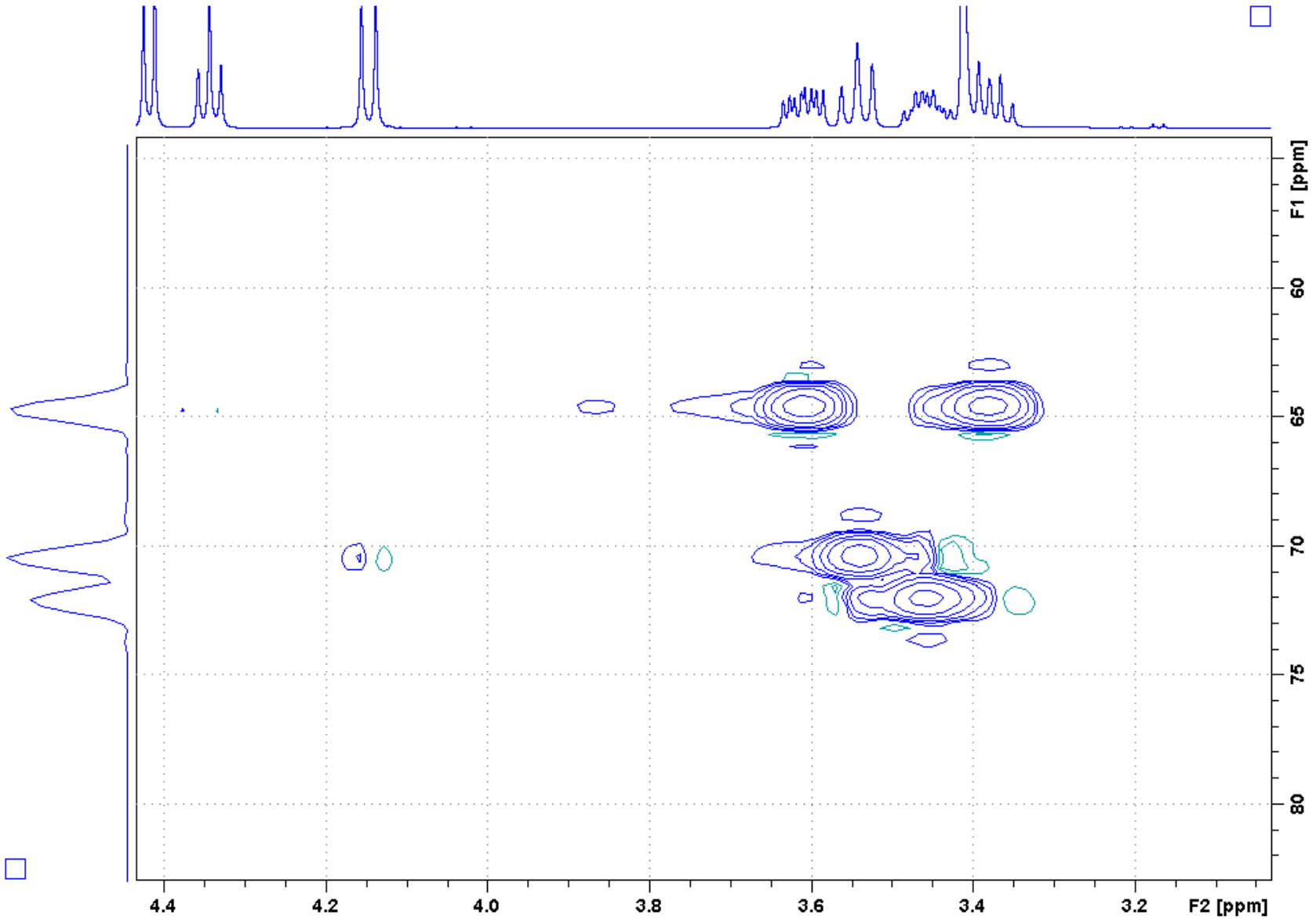


Figure S20: HMBC spectrum of compound **2**