

Supporting Information

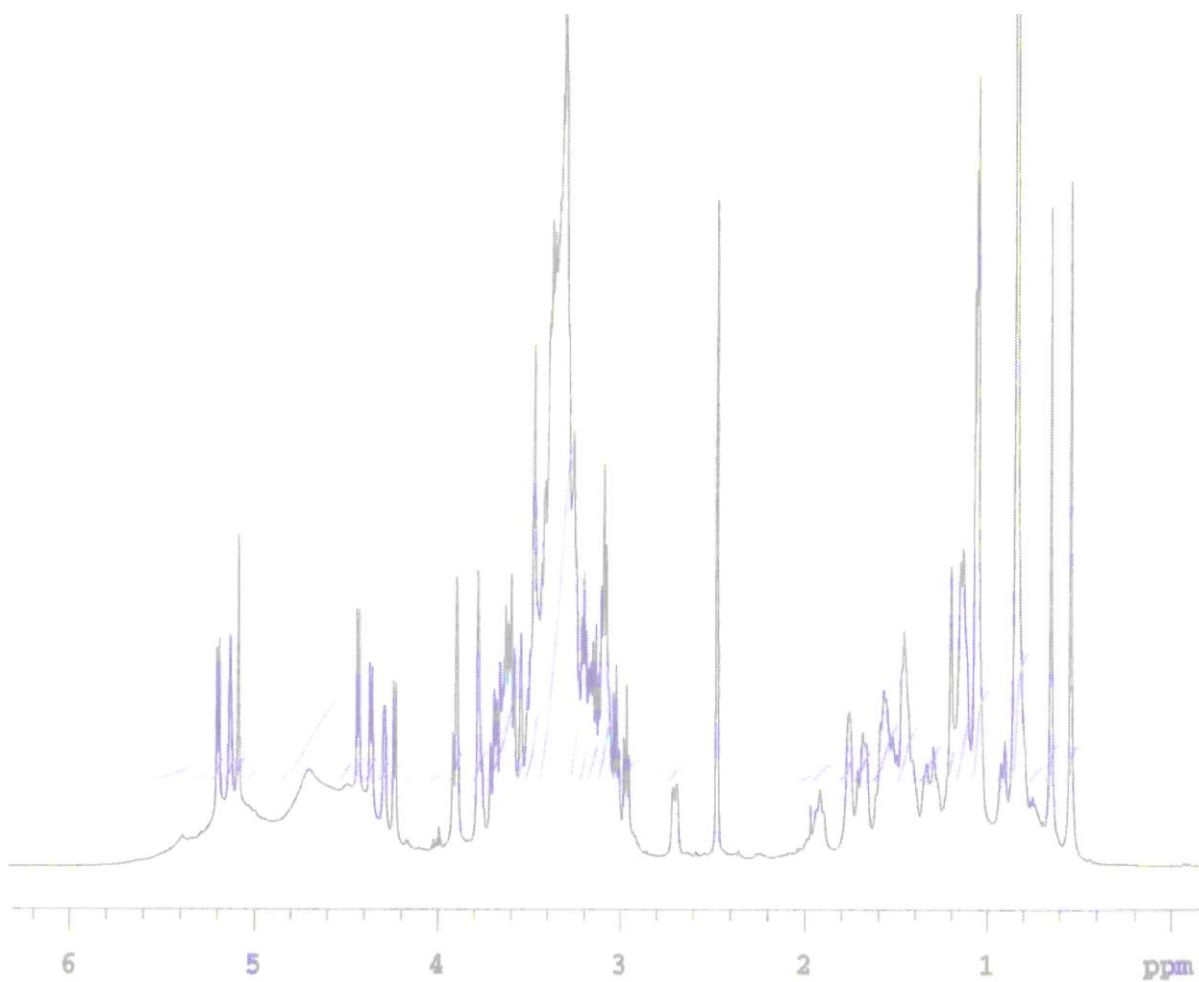
Rec. Nat. Prod. 11:6 (2017) 497-507

Phytochemical and biological investigations on *Cephalaria anatolica*

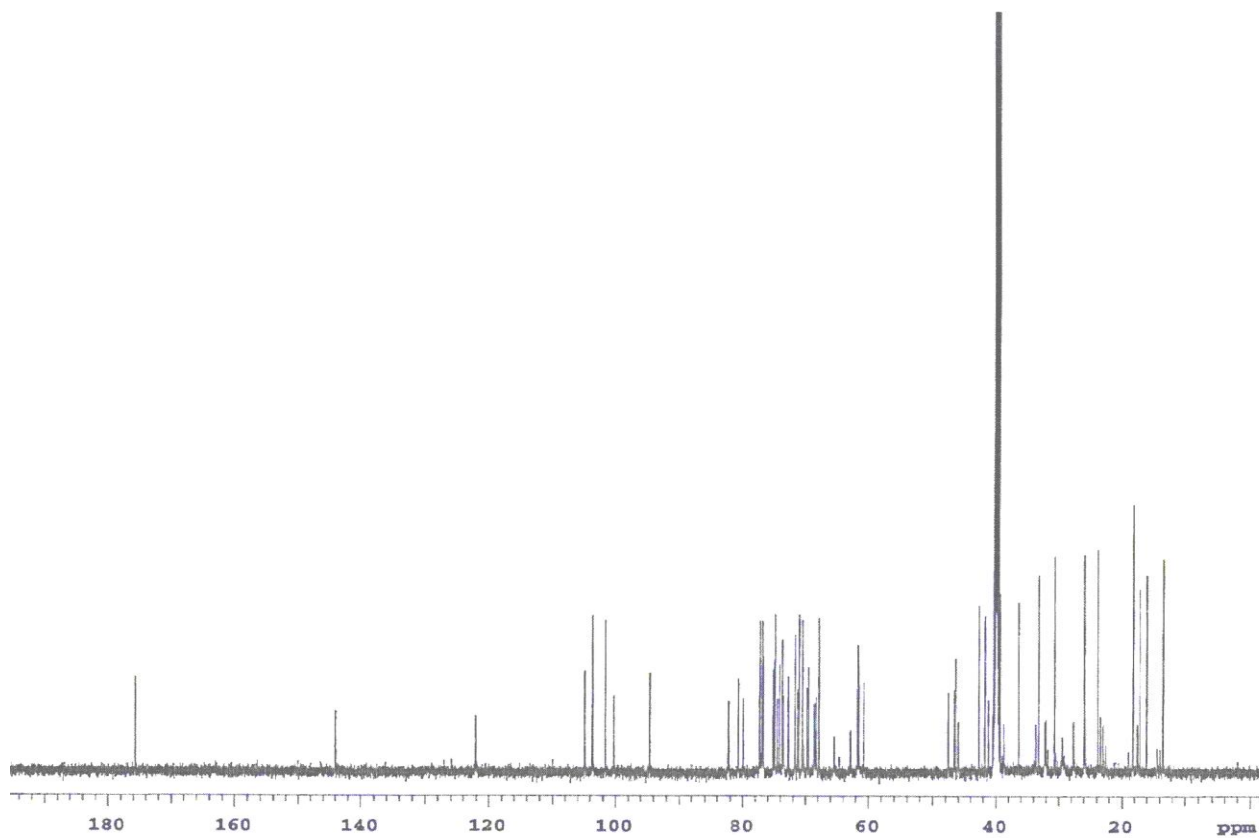
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Department of Chemistry, Faculty of Science, Ege University, 35100, Bornova, Izmir, Türkiye

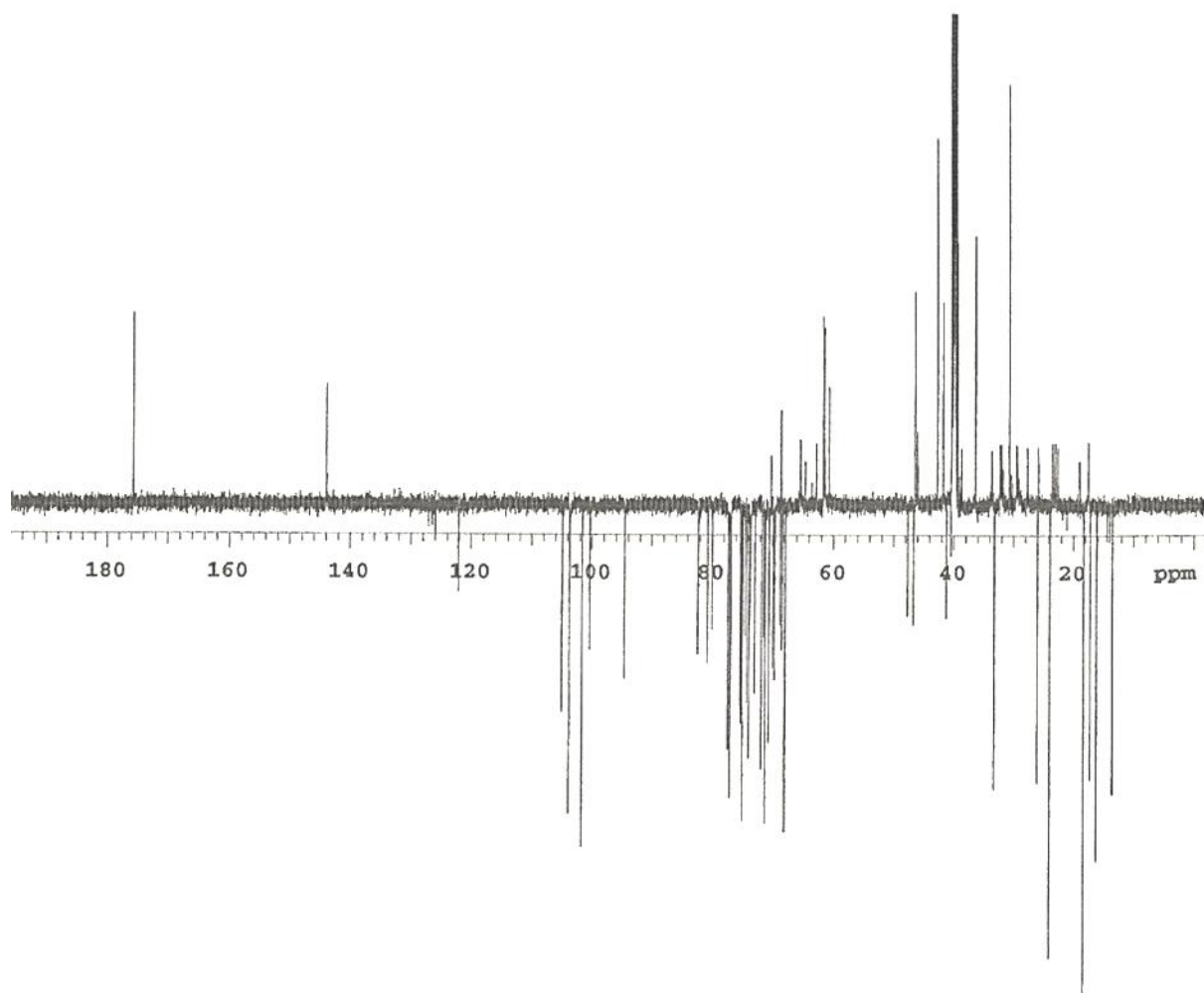
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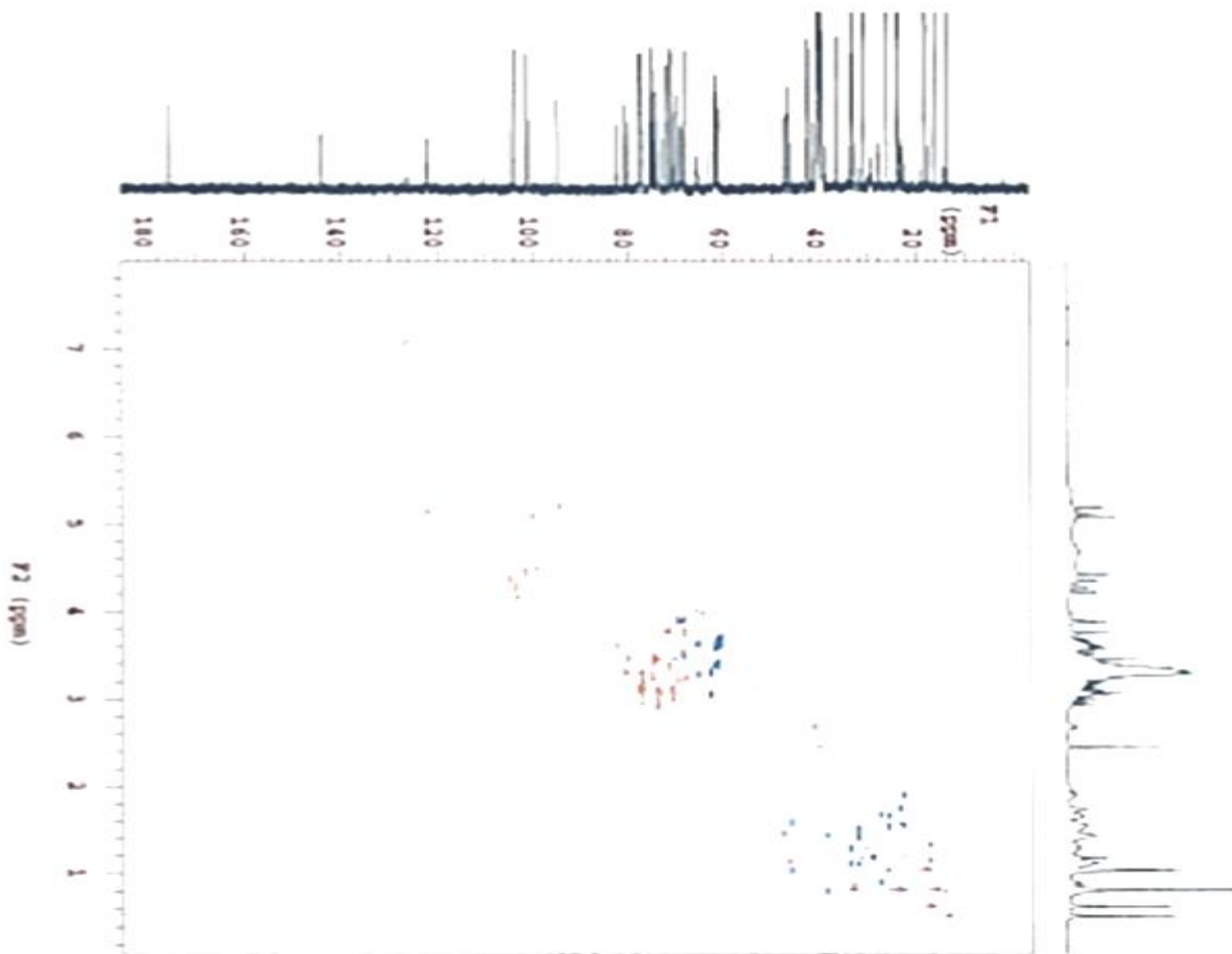
S1: ^1H NMR (600 MHz, $\text{DMSO-}d_6$) Spectrum of Compound 1



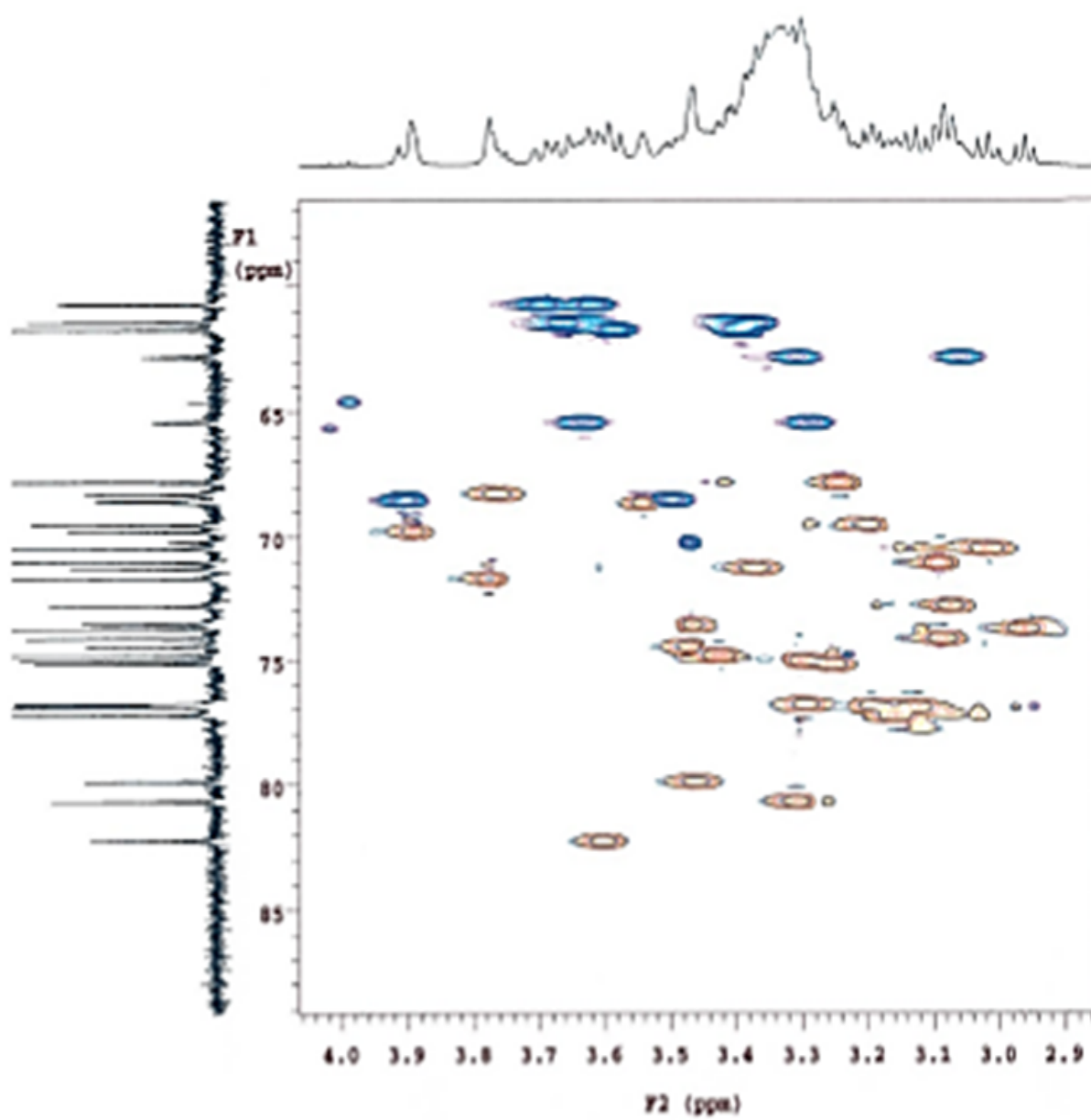
S2: ^{13}C -NMR (600 MHz, $\text{DMSO-}d_6$) Spectrum of Compound **1**



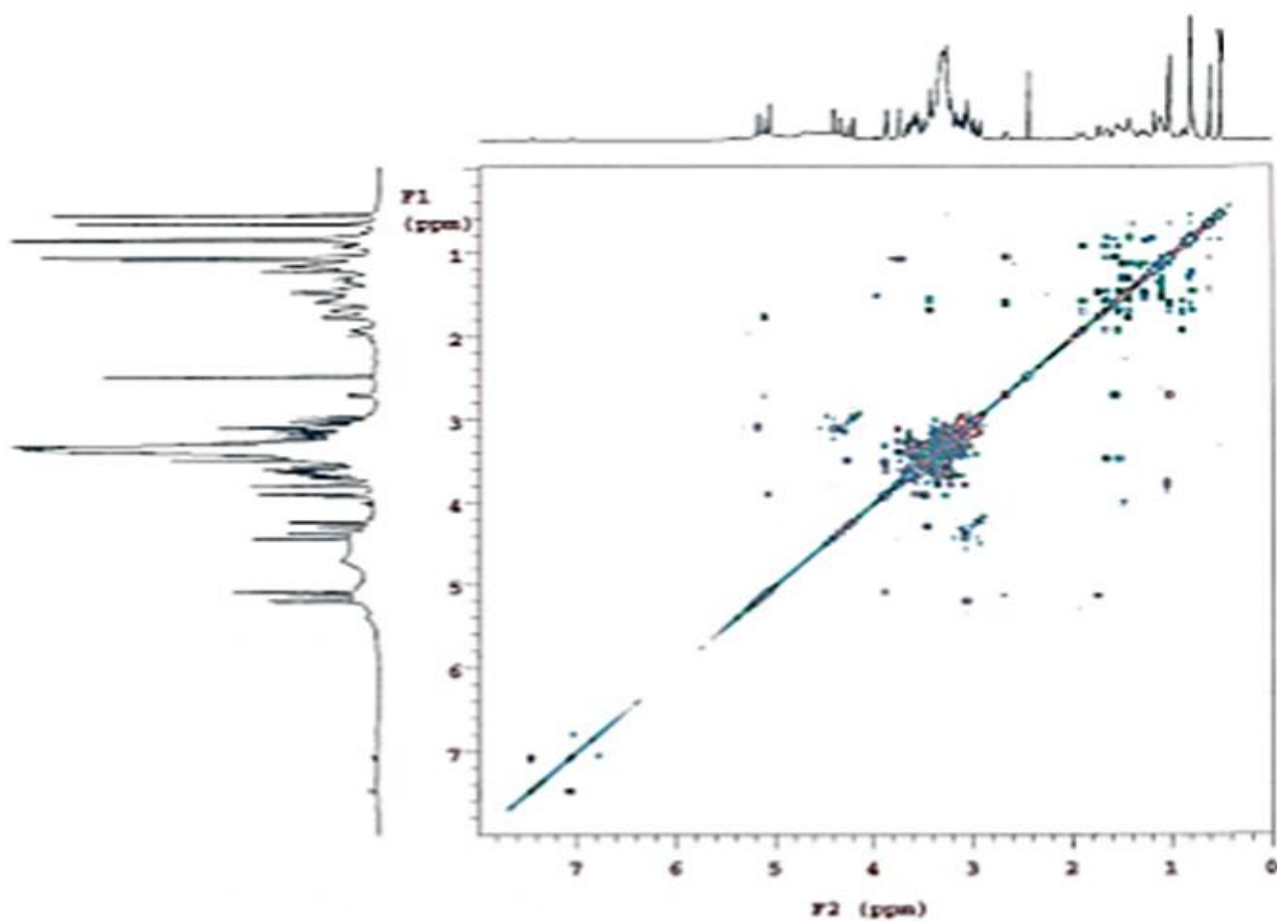
S3: DEPT (600 MHz, DMSO-*d*₆) Spectrum of Compound **1**



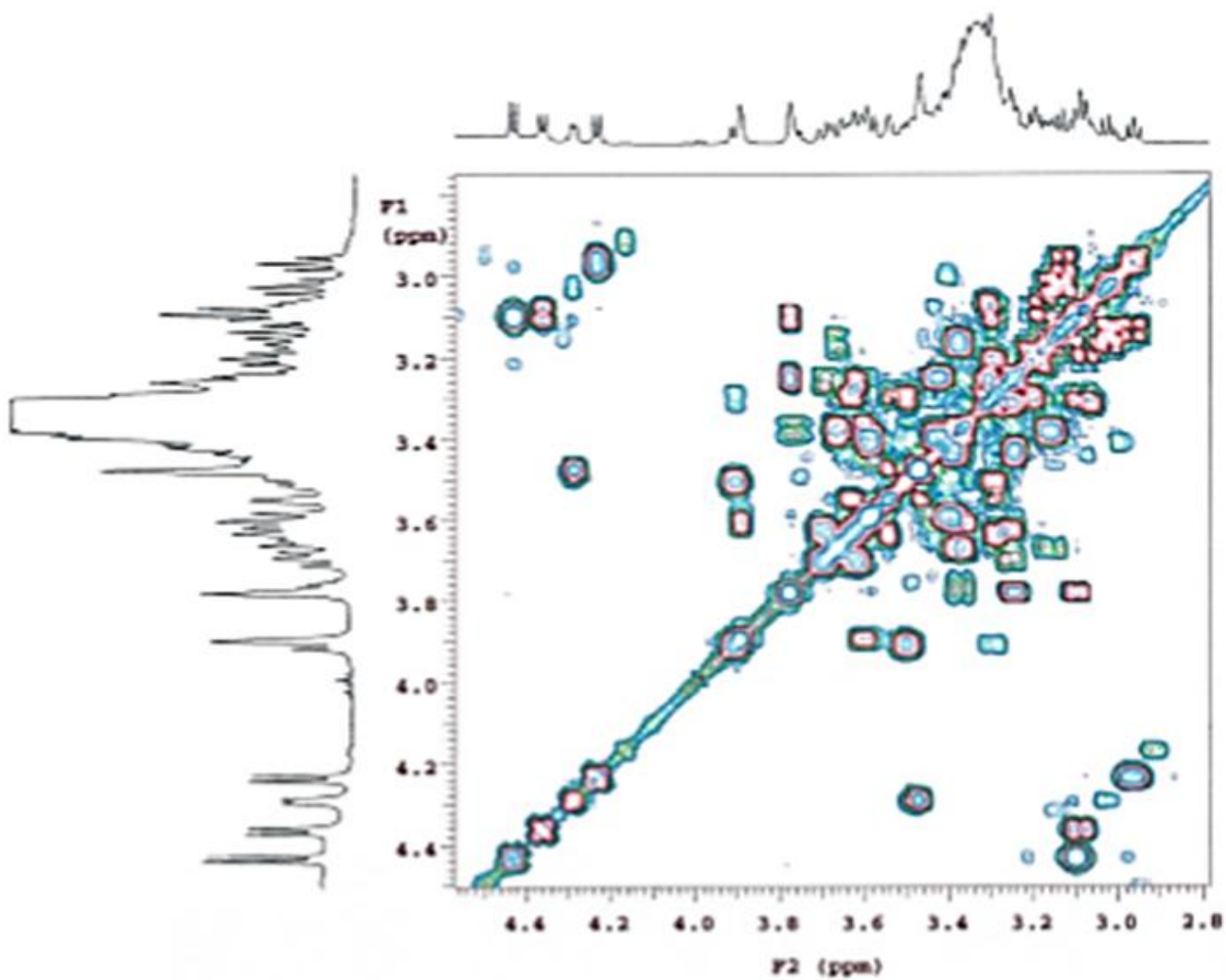
S4: HSQC (600 MHz) Spectrum of Compound 1



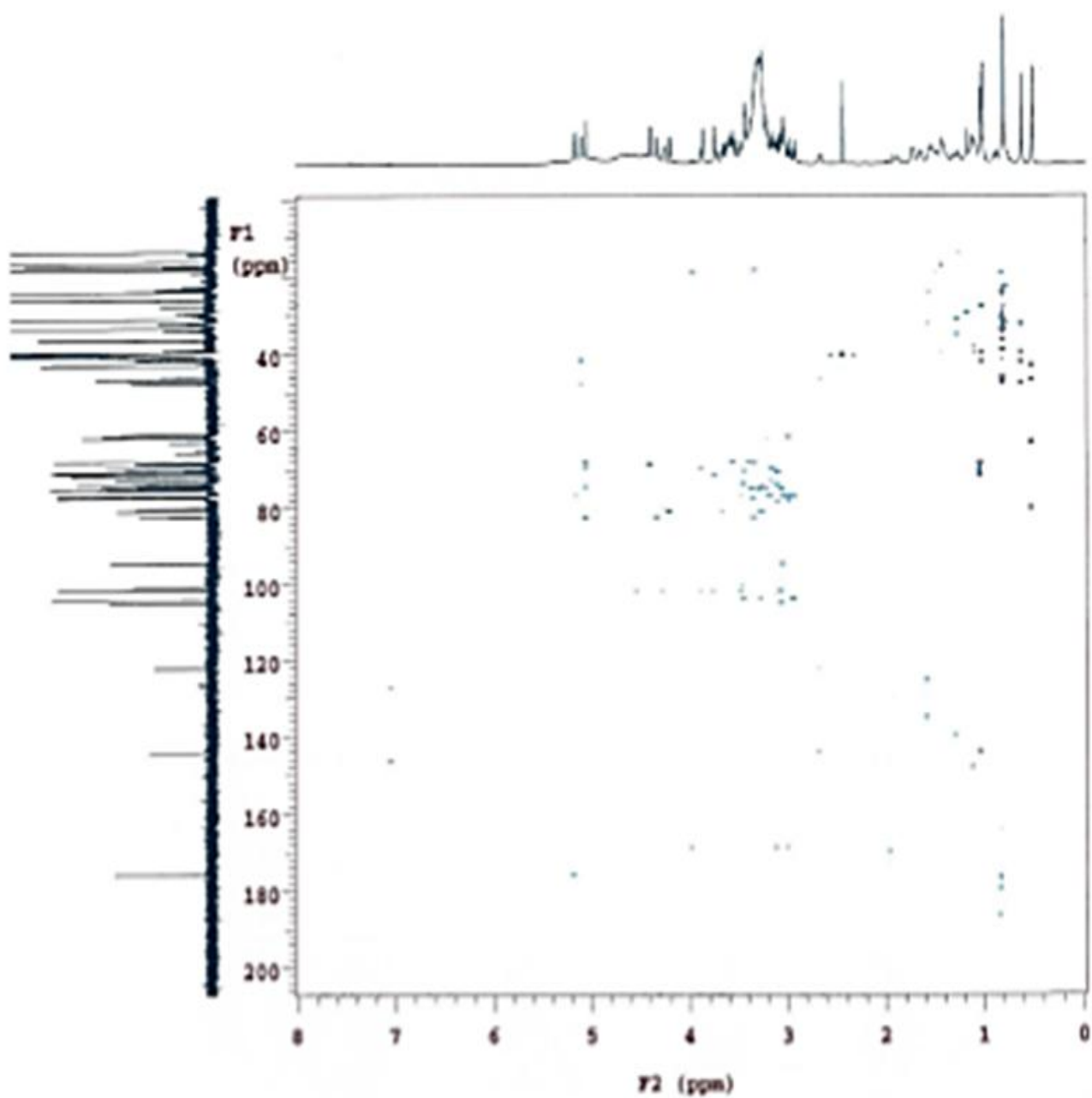
S5: Expansion of the HSQC Spectrum of Compound 1



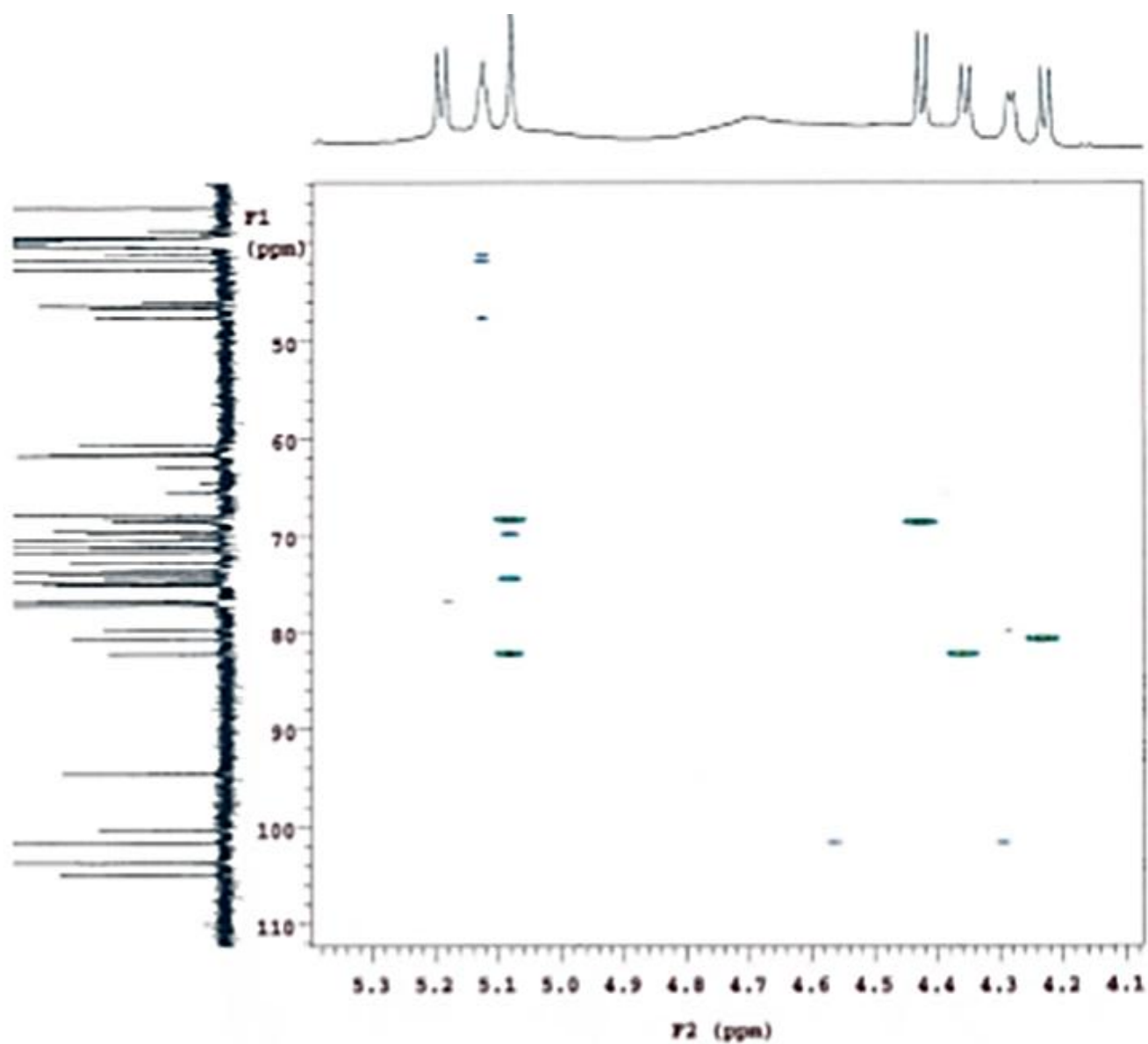
S6: COSY (600 MHz) Spectrum of Compound 1



S7: Expansion of the COSY Spectrum of Compound 1

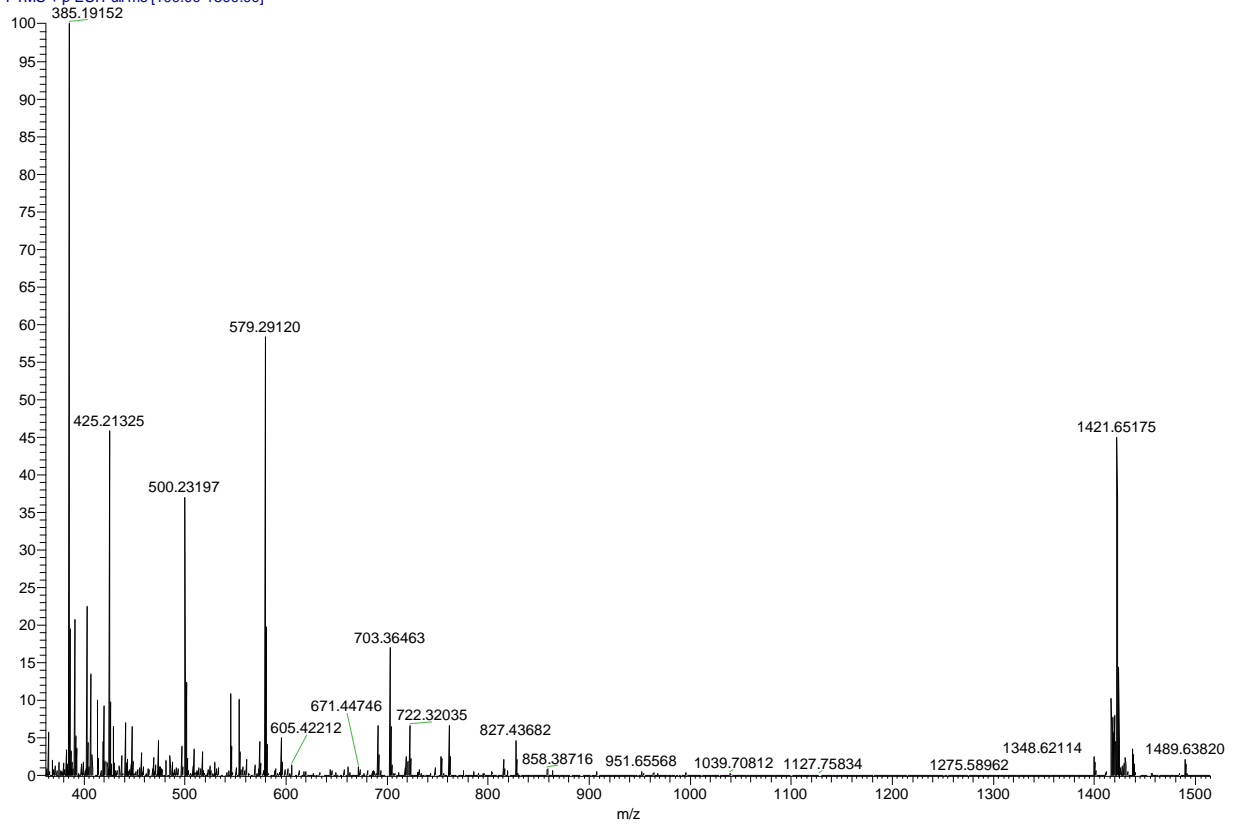


S8: HMBC (600 MHz) Spectrum of Compound 1



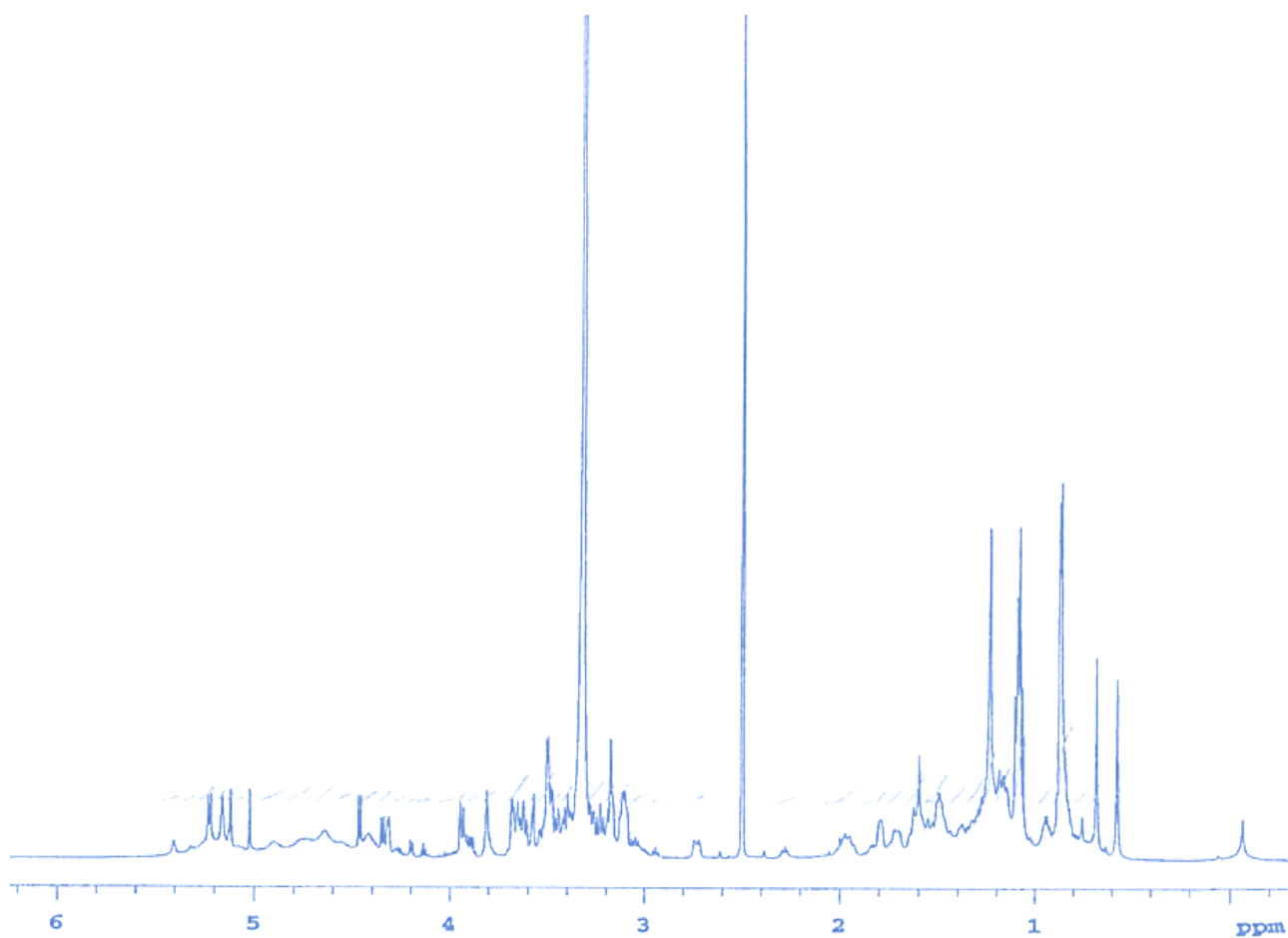
S9: Expansion of the HMBC Spectrum of Compound 1

can-10 #1-10 RT: 0.01-0.13 AV: 10 NL: 3.65E7
T: FTMS + p ESI Full ms [100.00-1500.00]

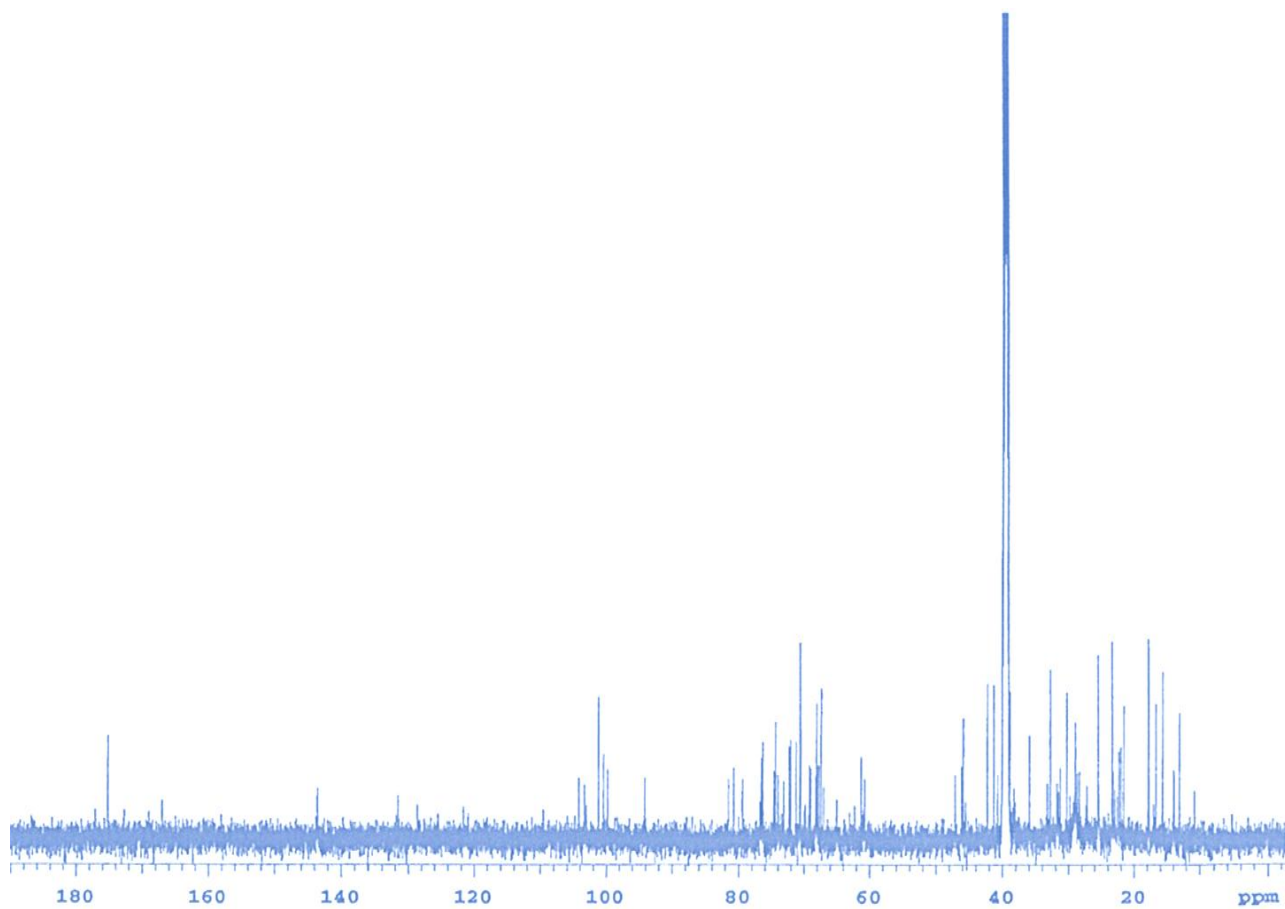


m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
1421.65175	1421.65594	-2.95	12.5	C65 H106 O32 Na

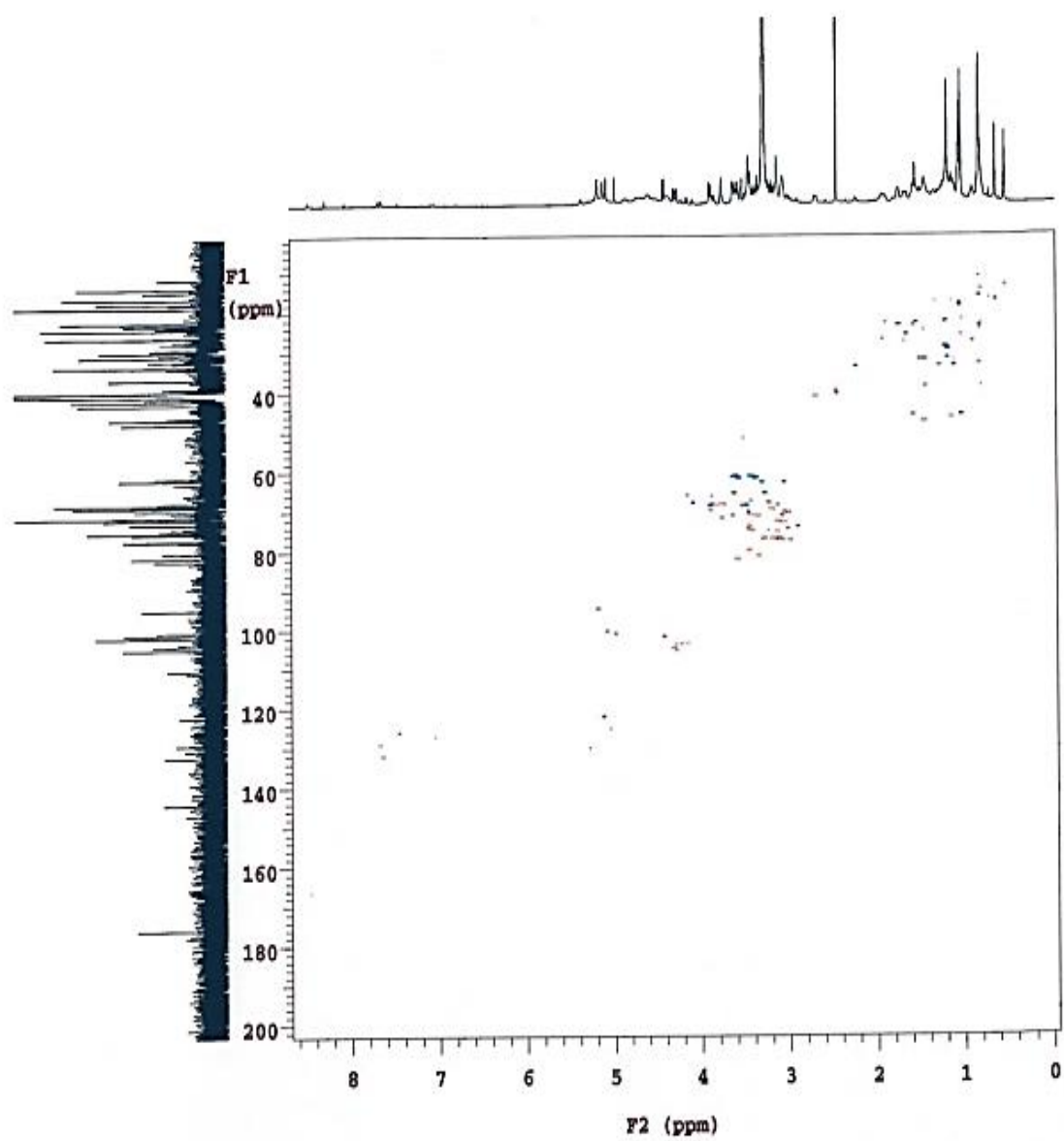
S10: HRESI-MS Spectrum of Compound 1



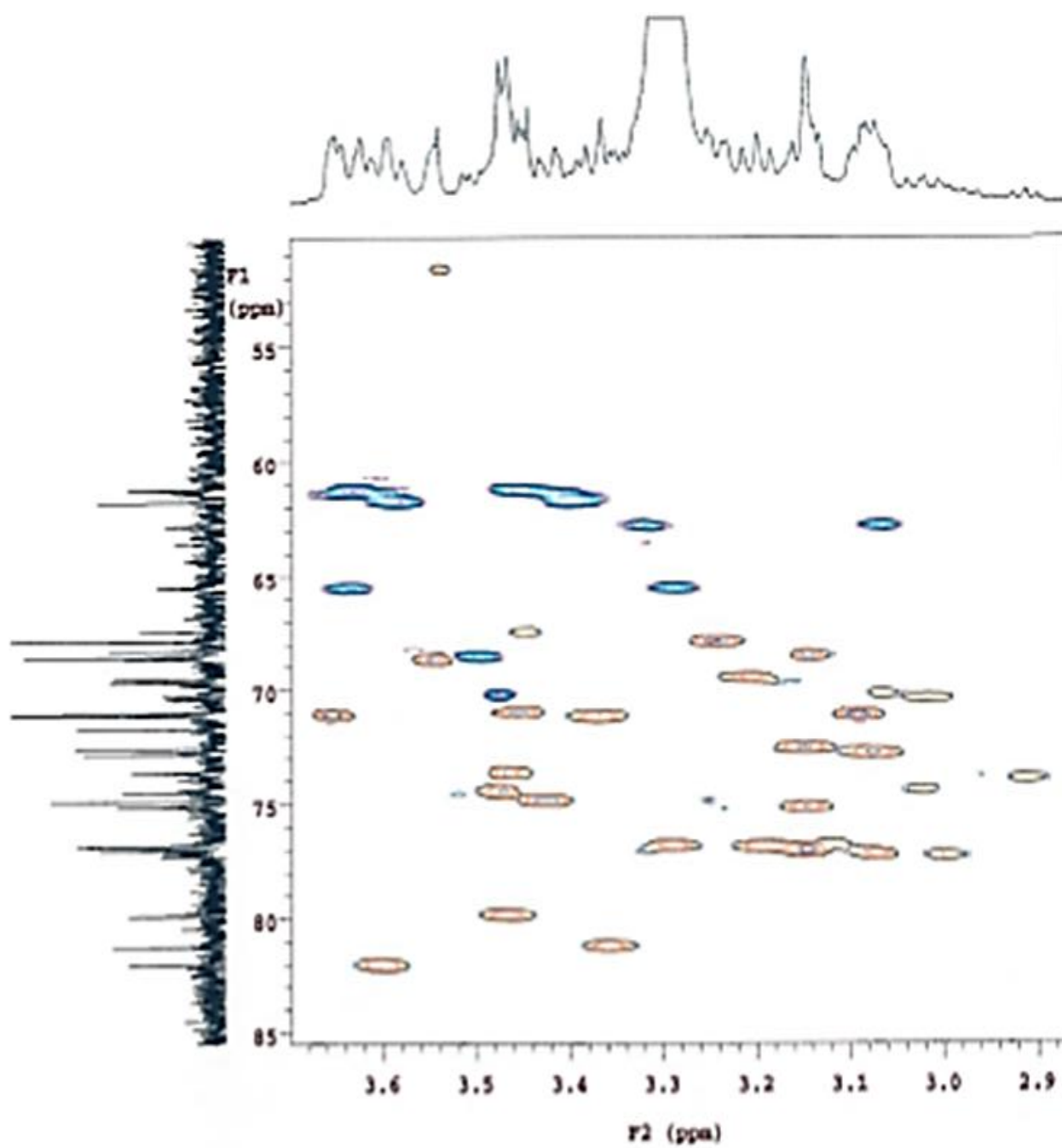
S11: $^1\text{H-NMR}$ (600 MHz, $\text{DMSO-}d_6$) Spectrum of Compound **2**



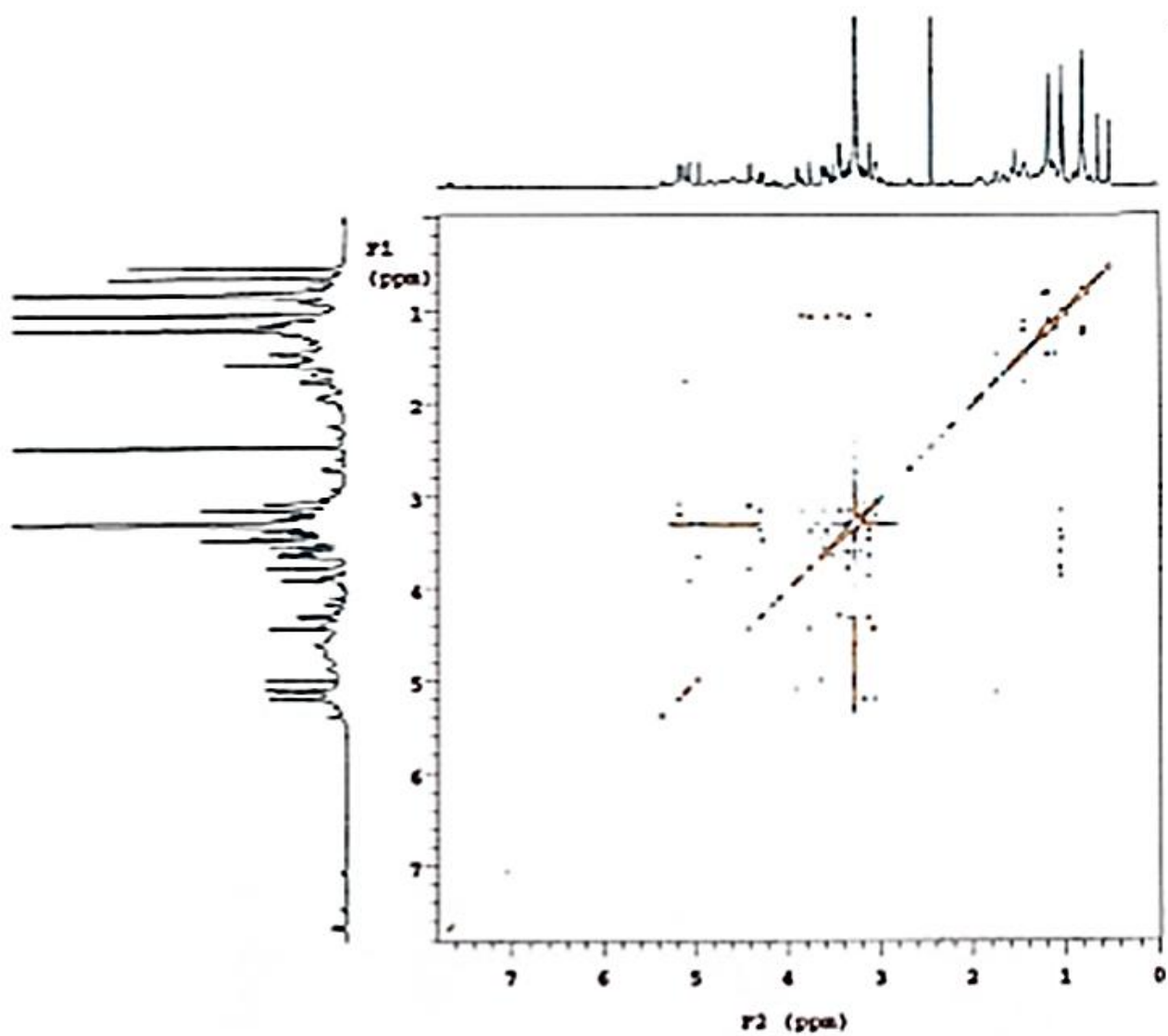
S12: ^{13}C -NMR (600 MHz, $\text{DMSO-}d_6$) Spectrum of Compound **2**



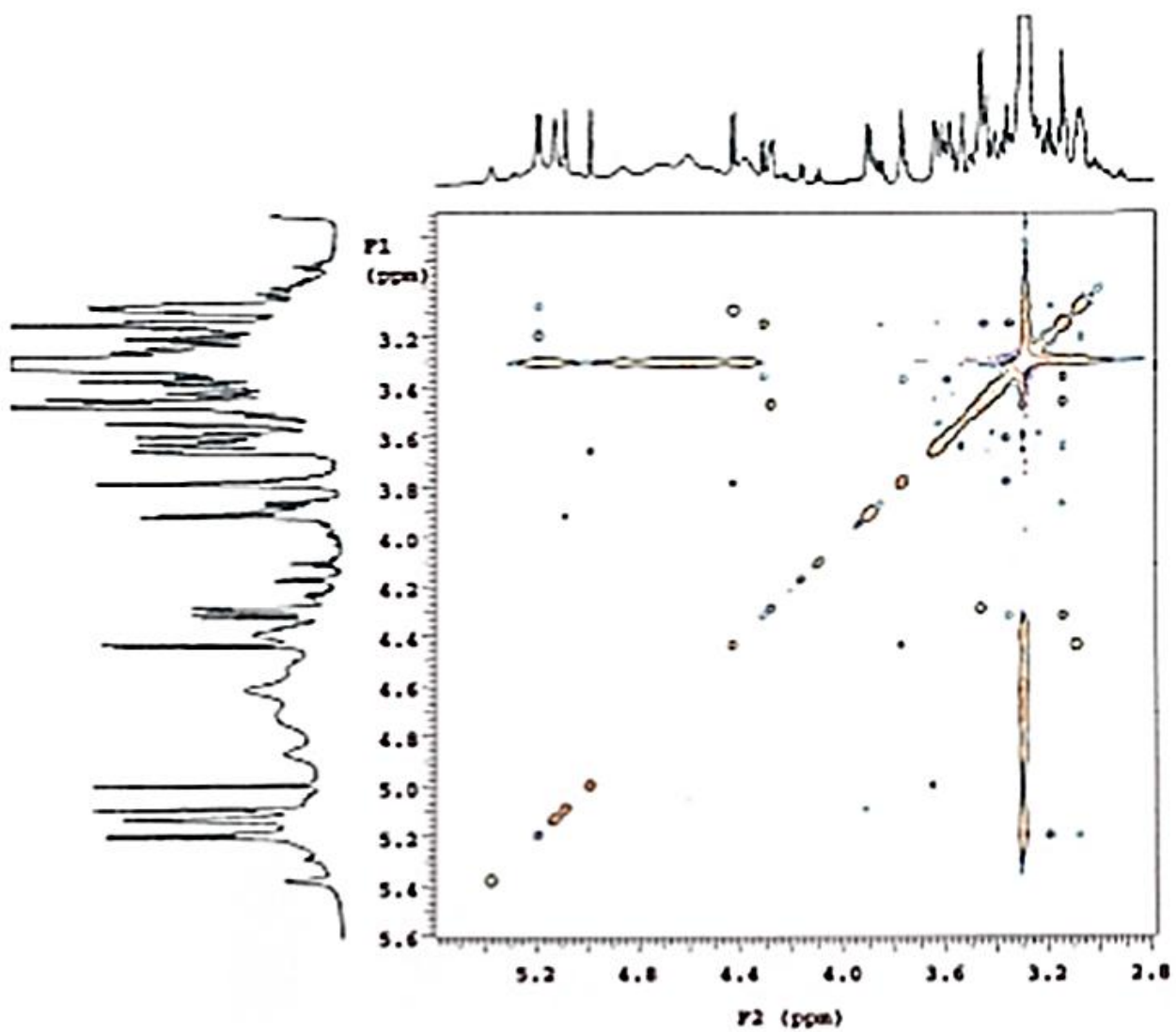
S13: HSQC (600 MHz) Spectrum of Compound 2



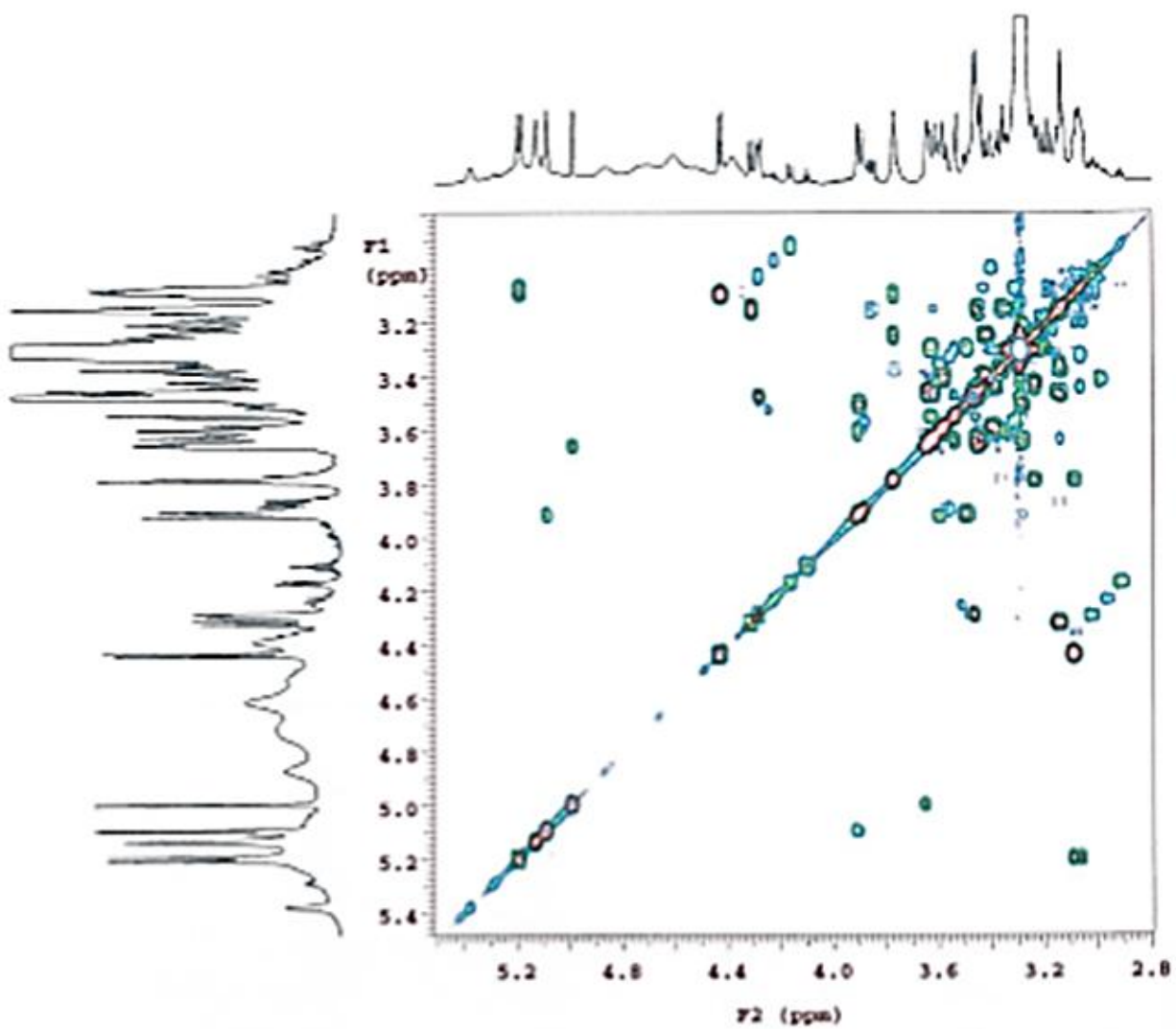
S14: Expansion of the HSQC Spectrum of Compound 2



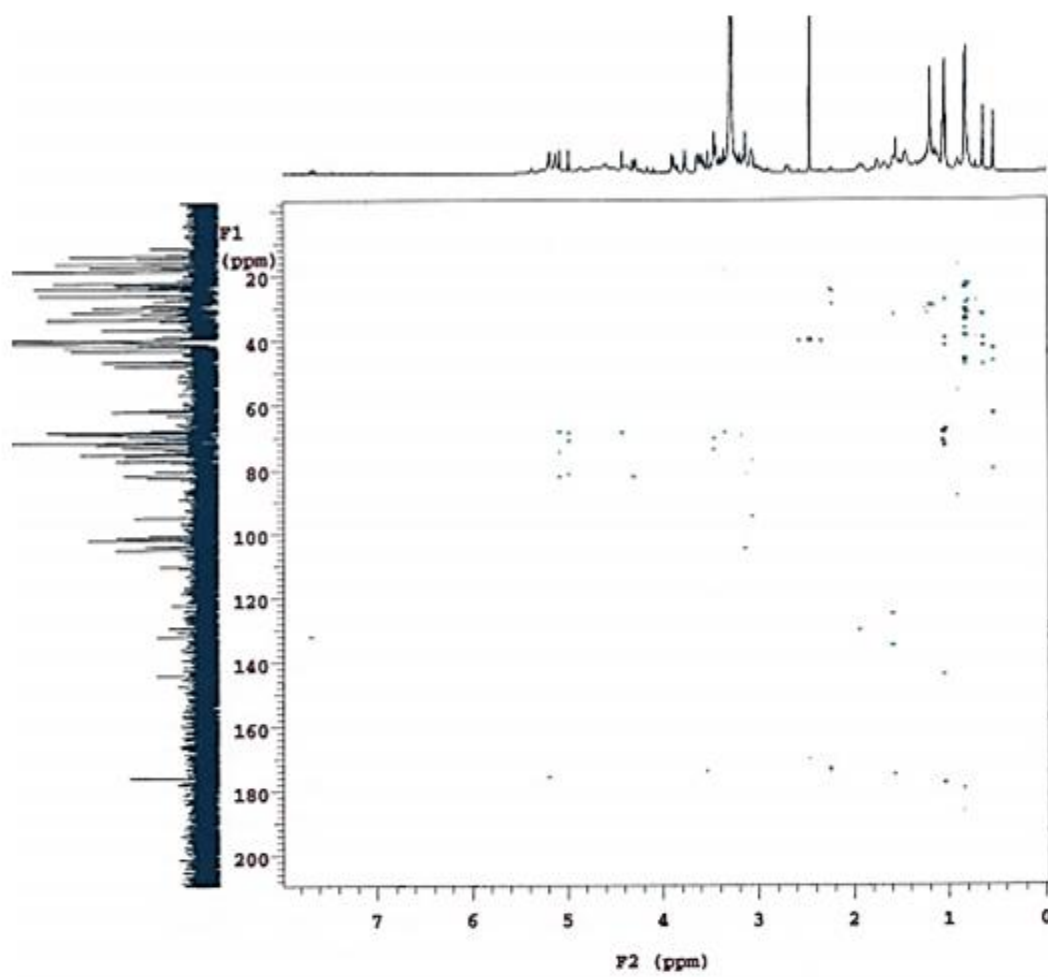
S15: TOCSY (600 MHz) Spectrum of Compound 2



S16: Expansion of the TOCSY Spectrum of Compound 2

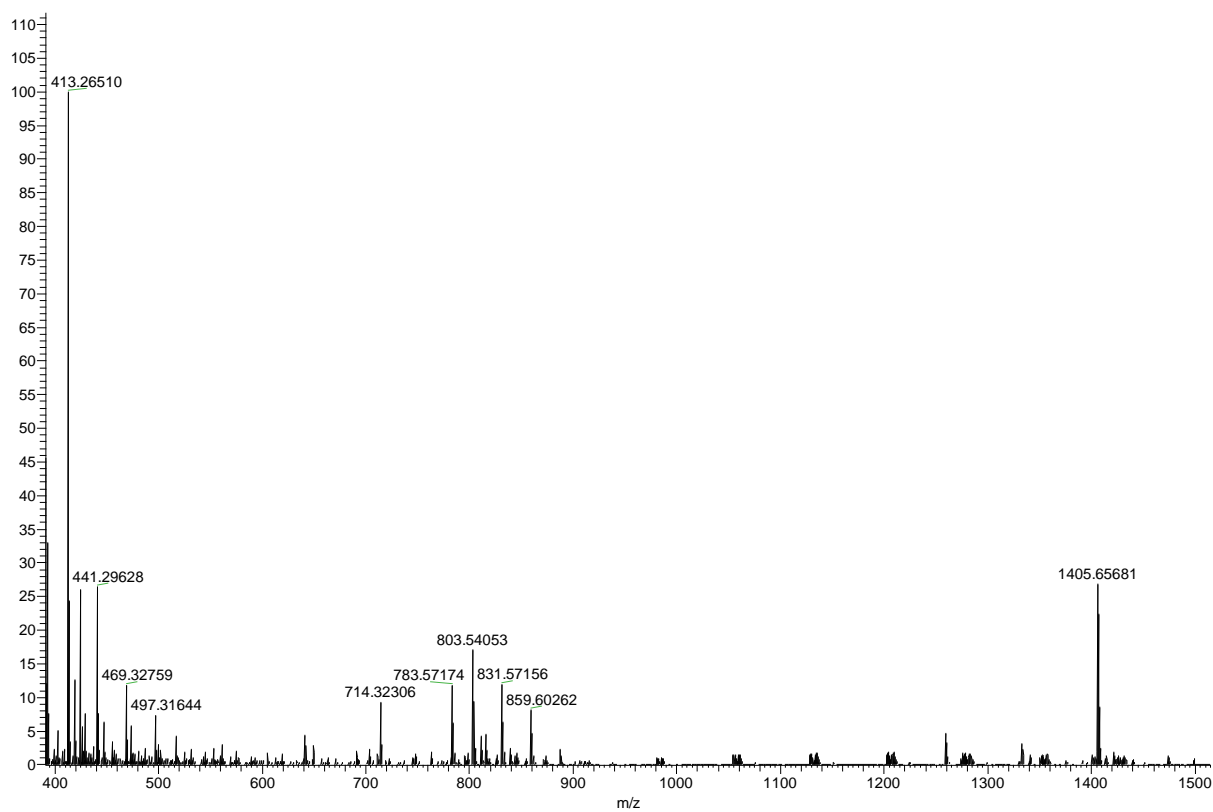


S17: COSY (600 MHz) Spectrum of Compound 2



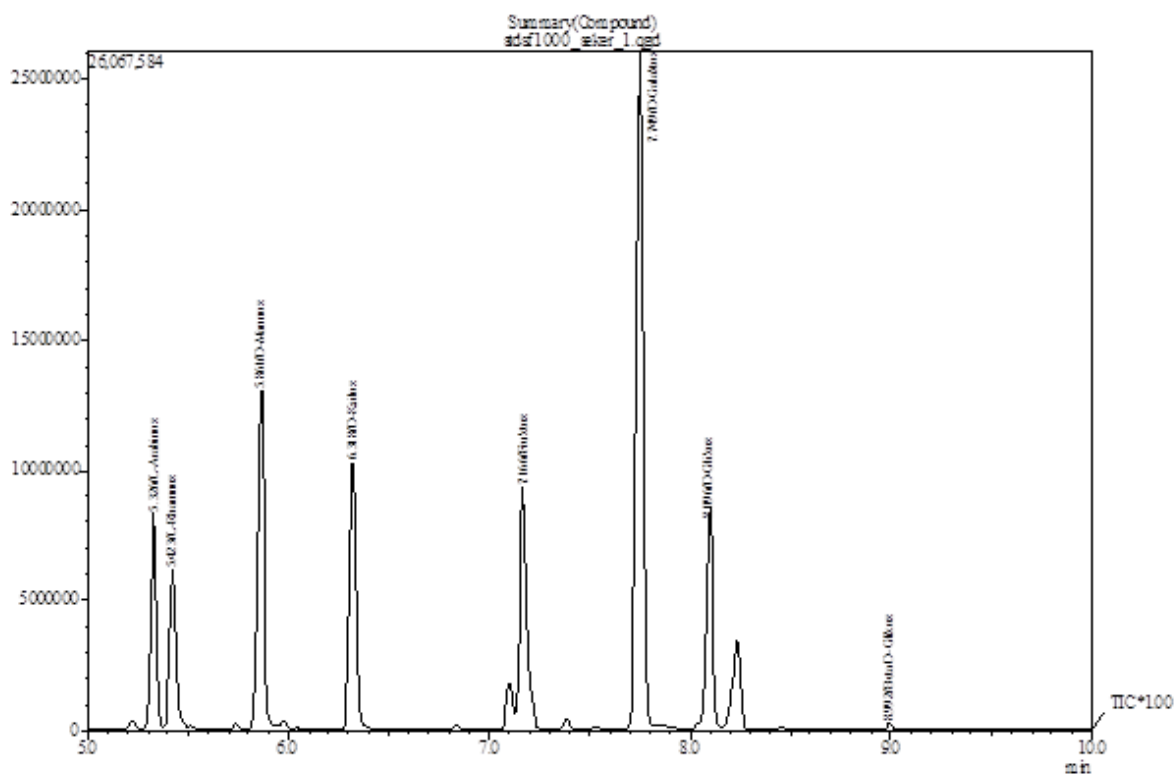
S18: HMBC (600 MHz) Spectrum of Compound 2

can-13 #5-33 RT: 0.07-0.44 AV: 29 NL: 1.03E8
T: FTMS + p ESI Full ms [100.00-1500.00]

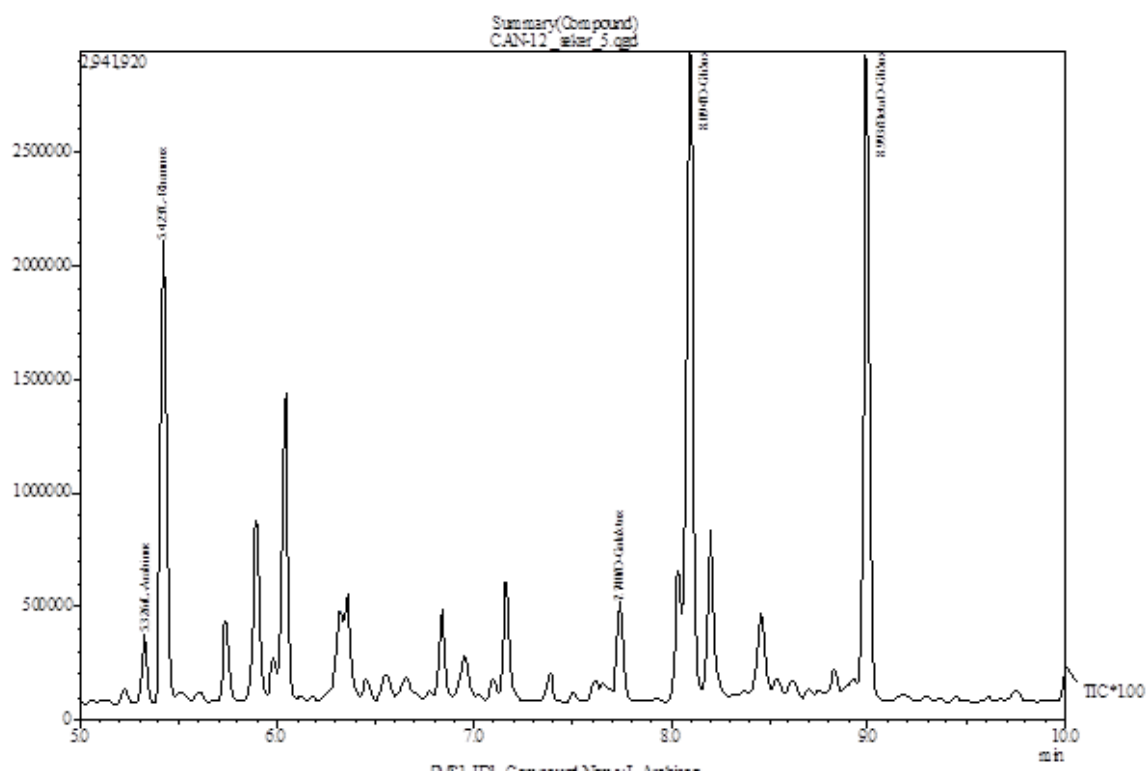


m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
1405.65681	1405.66103	-3.00	12.5	C65 H106 O31 Na

S19: HRESIMS Spectrum of Compound 2



S20: The GC-MS chromatogram of standard sugar mixture



S21: The GC-MS chromatogram of compound 1