Supplementary Information

Antimicrobial and antibiofilm activities of the fungal metabo-lites isolated from the marine endophytes *Epicoccum nigrum* M13 and *Alternaria alternata* 13A

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Table

Figures

Table

Table S1. Chemical shift difference of (*S*)–MTPA and (*R*)–MTPA ester of **6** (pyridine-d_5 at 298 K)

			$\Delta\delta = (\delta_{S\text{-ester}} - \delta_{R\text{-Ester}})$	
C/H No	**$\delta_{S\text{-Ester}}$ (ppm)**	**$\delta_{R\text{-Ester}}$ (ppm)**	**ppm**	**Hz (500 MHz)**
3	4.79	4.78	+0.01	+5
6	4.68	4.67	+0.01	+5
9	2.31	2.30	+0.01	+5
10	0.86	0.85	+0.01	+5
11	1.27, 1.48	1.25, 1.48	+0.02	+10
12	1.13	1.12	+0.01	+5
8	1.66	1.67	–0.01	–5

Figures

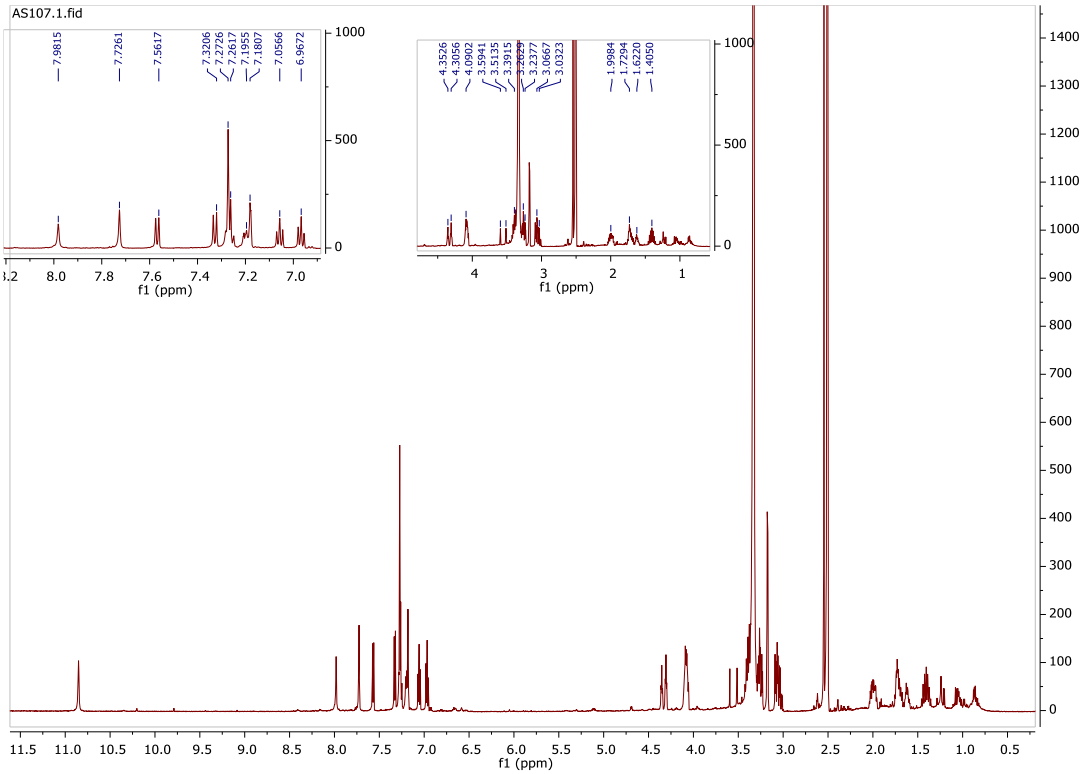

Figure S1: ^{1}H NMR spectrum of compound **1** (600 MHz, DMSO– d_6, 298 K)

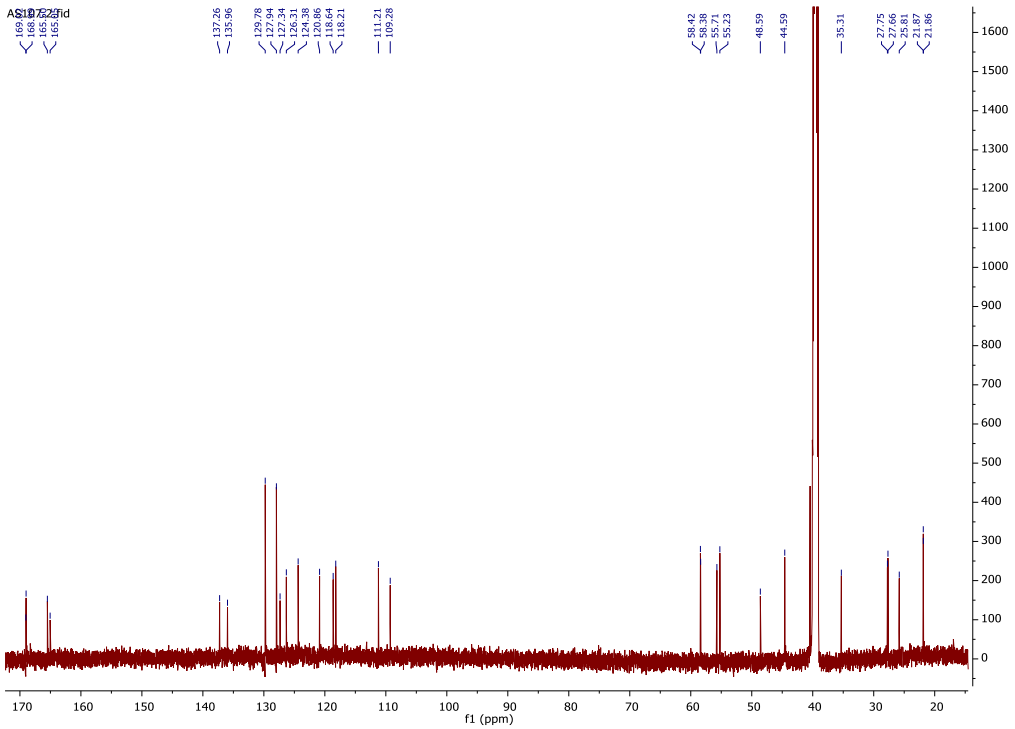

Figure S2: ^{13}C NMR spectrum of compound **1** (150 MHz, DMSO– d_6, 298 K)

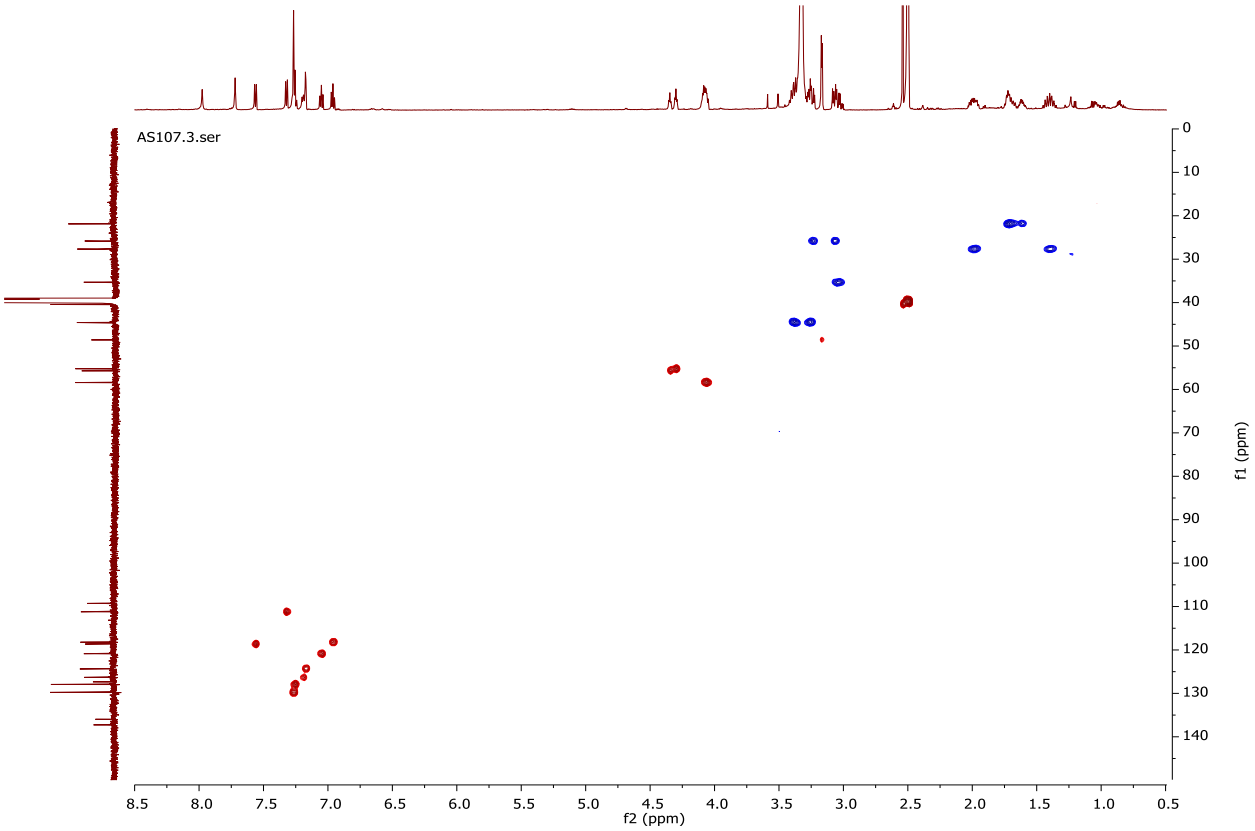

Figure S3: HSQC spectrum of compound **1** (DMSO– d_6, 298 K)

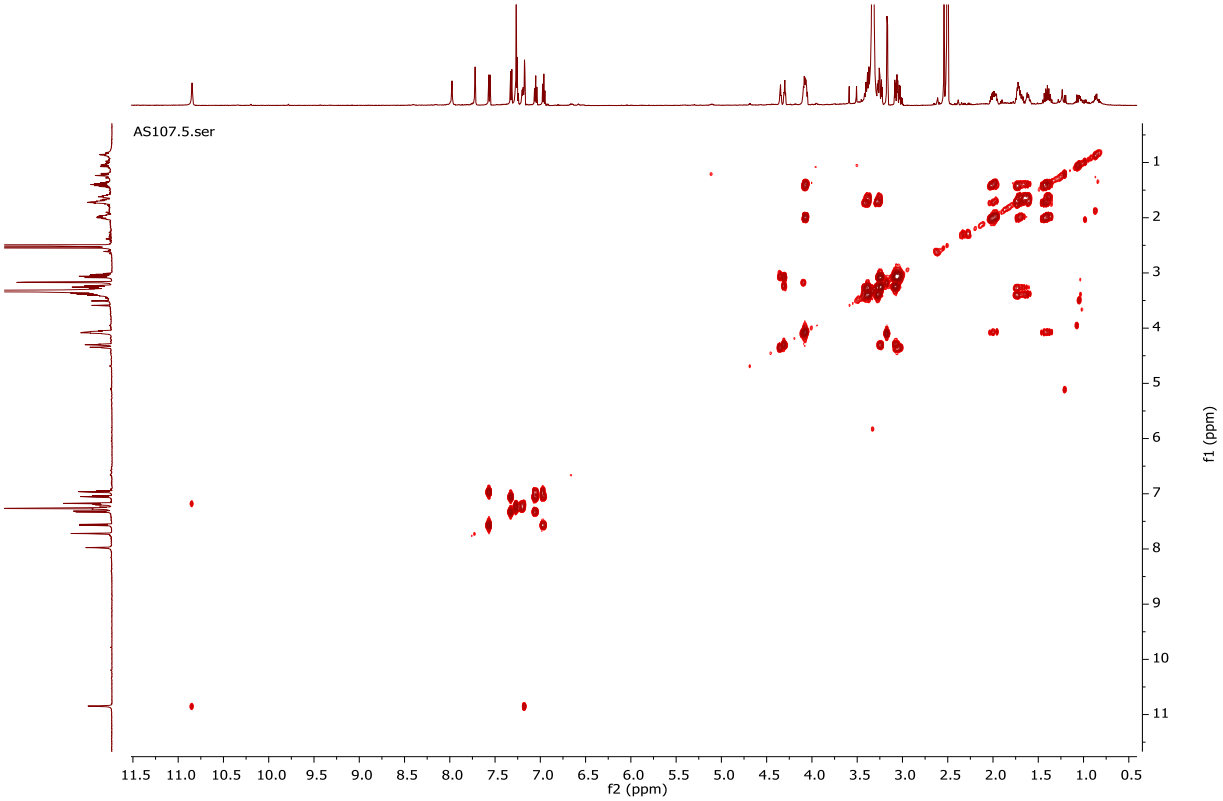

Figure S4: ^{1}H-^{1}H COSY spectrum of compound **1** (DMSO– d_6, 298 K)

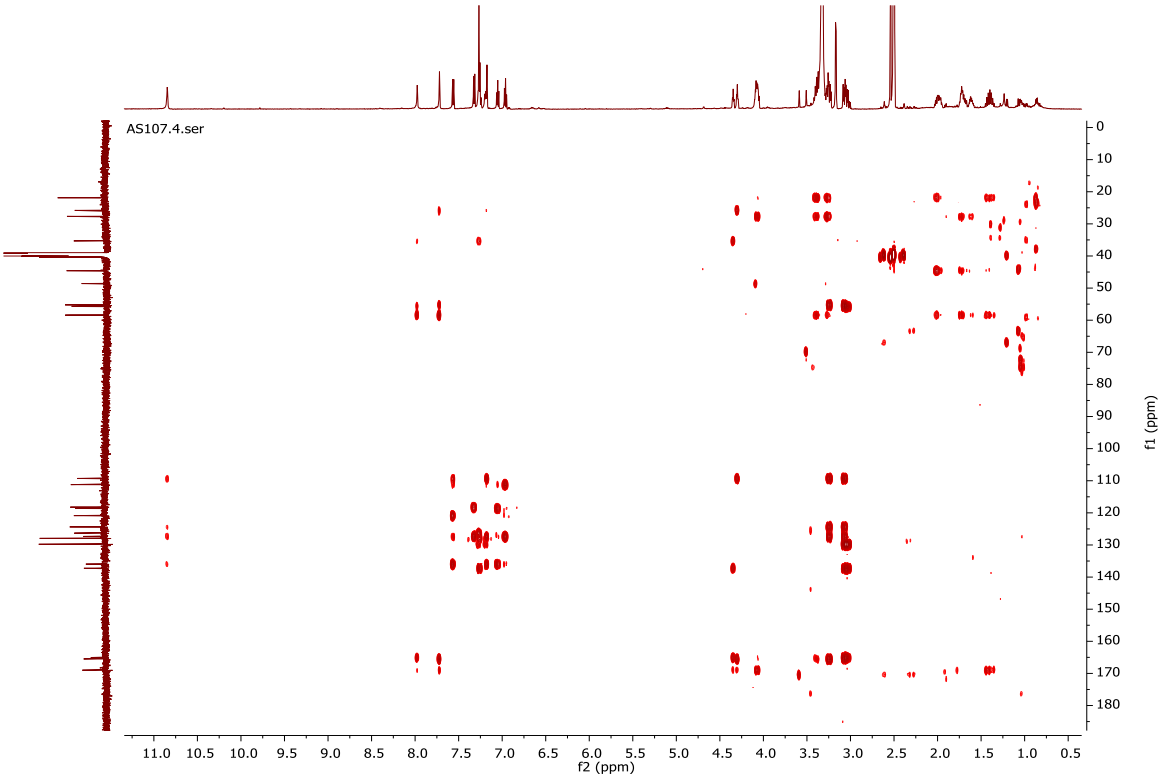

Figure S5: HMBC spectrum of compound **1** (DMSO–d_6, 298 K)

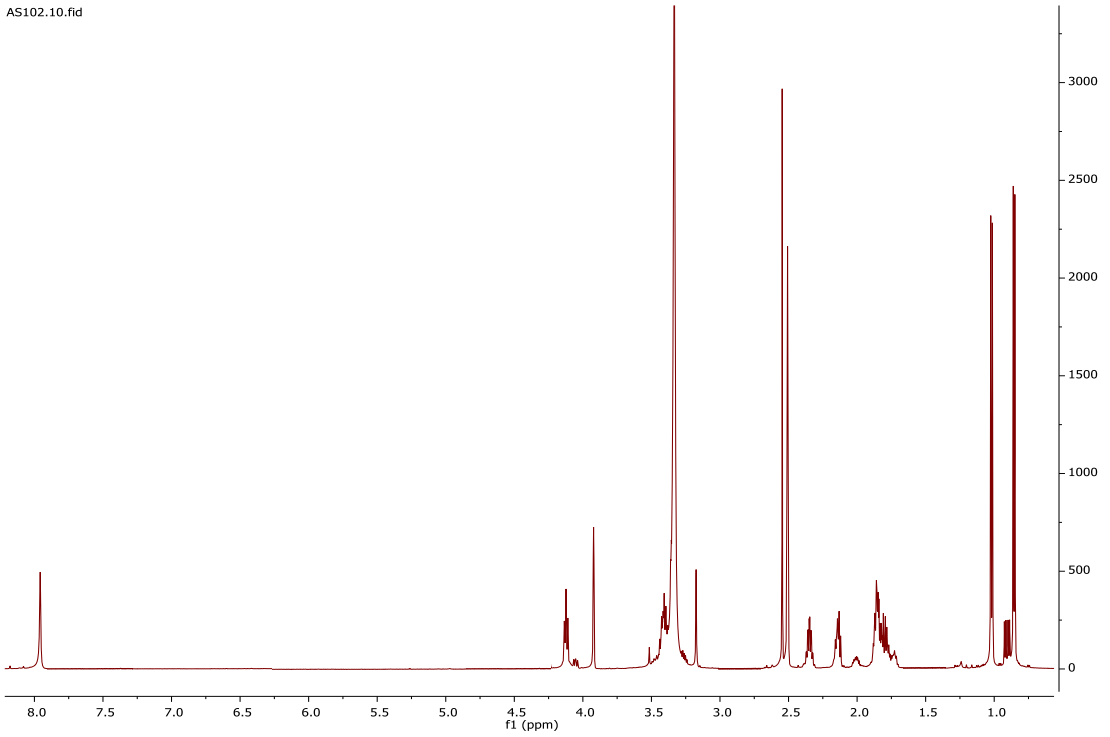

Figure S6: 1H NMR spectrum of compound **2** (600 MHz, DMSO– d_6, 298 K)

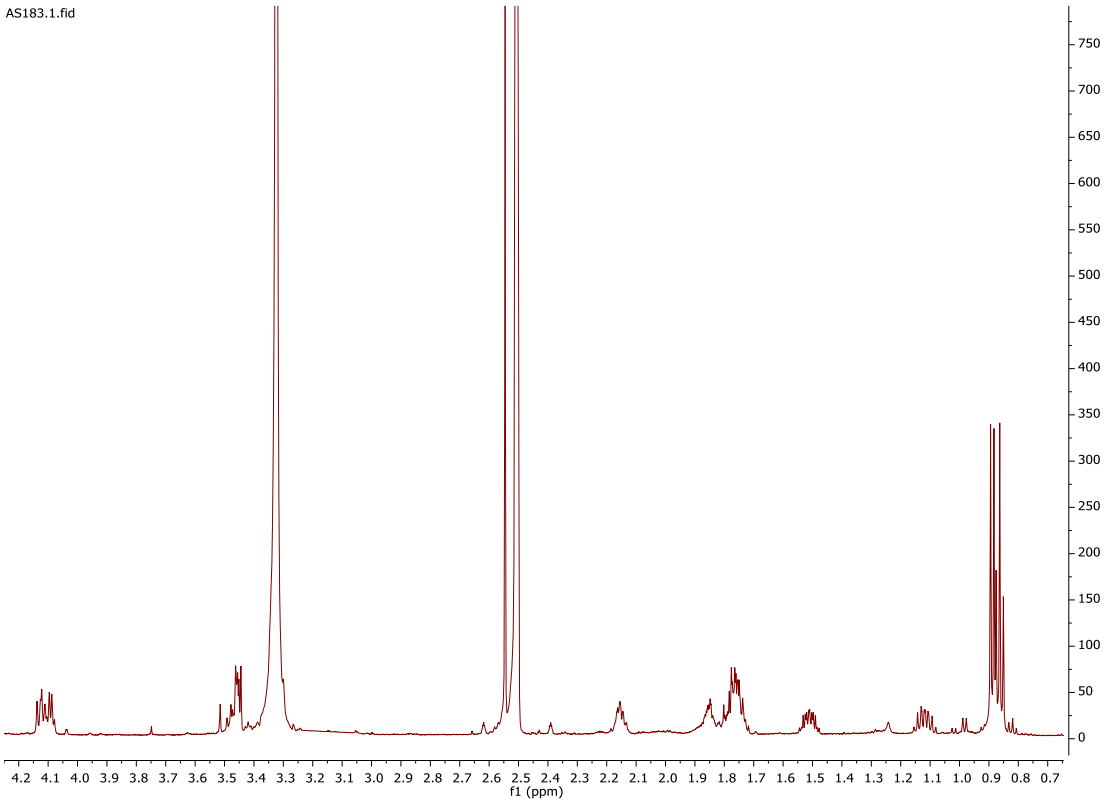

Figure S7: ^{1}H NMR spectrum of compound **3** (600 MHz, DMSO– d_6, 298 K)

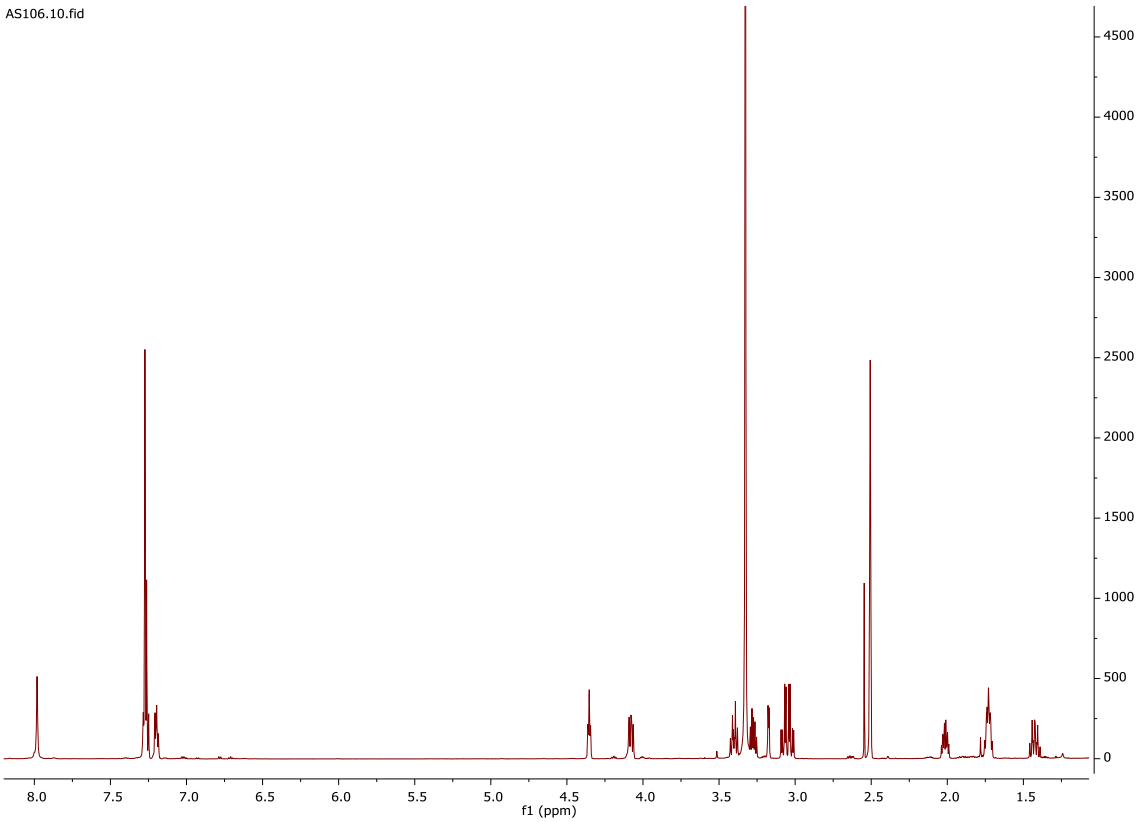

Figure S8: ^{1}H NMR spectrum of compound **4** (600 MHz, DMSO– d_6, 298 K)

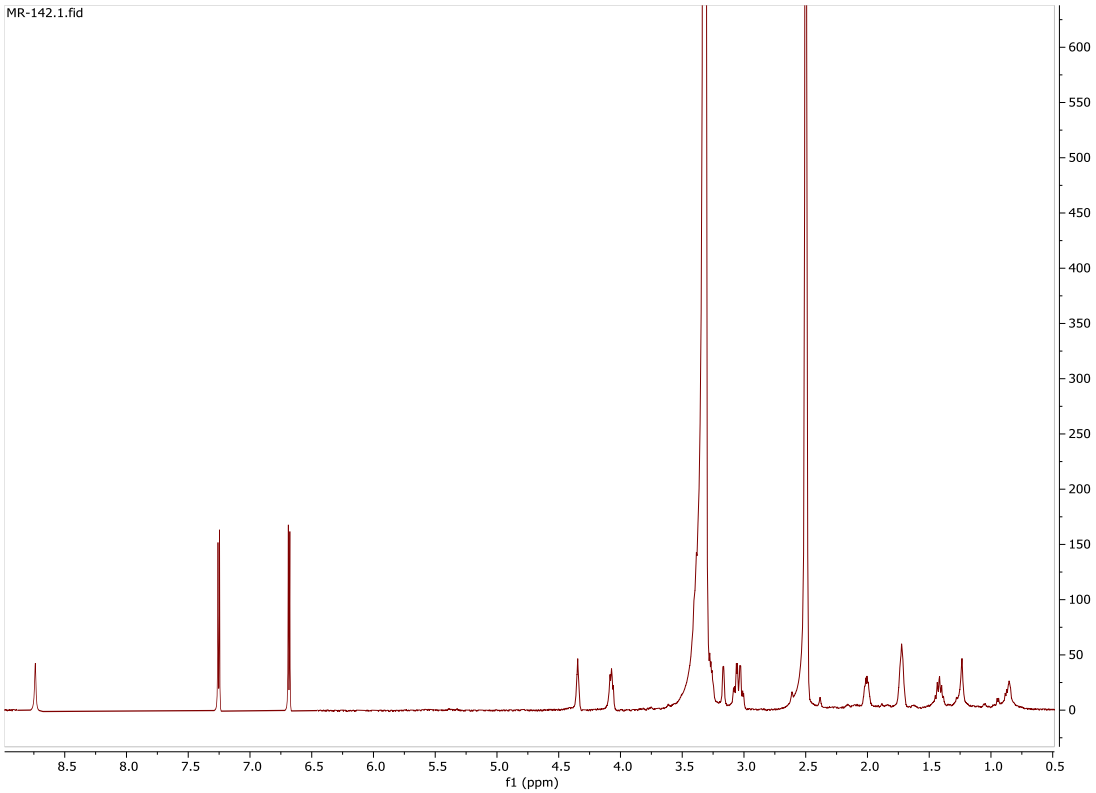

Figure S9: ^{1}H NMR spectrum of compound **5** (600 MHz, DMSO– d_6, 298 K)

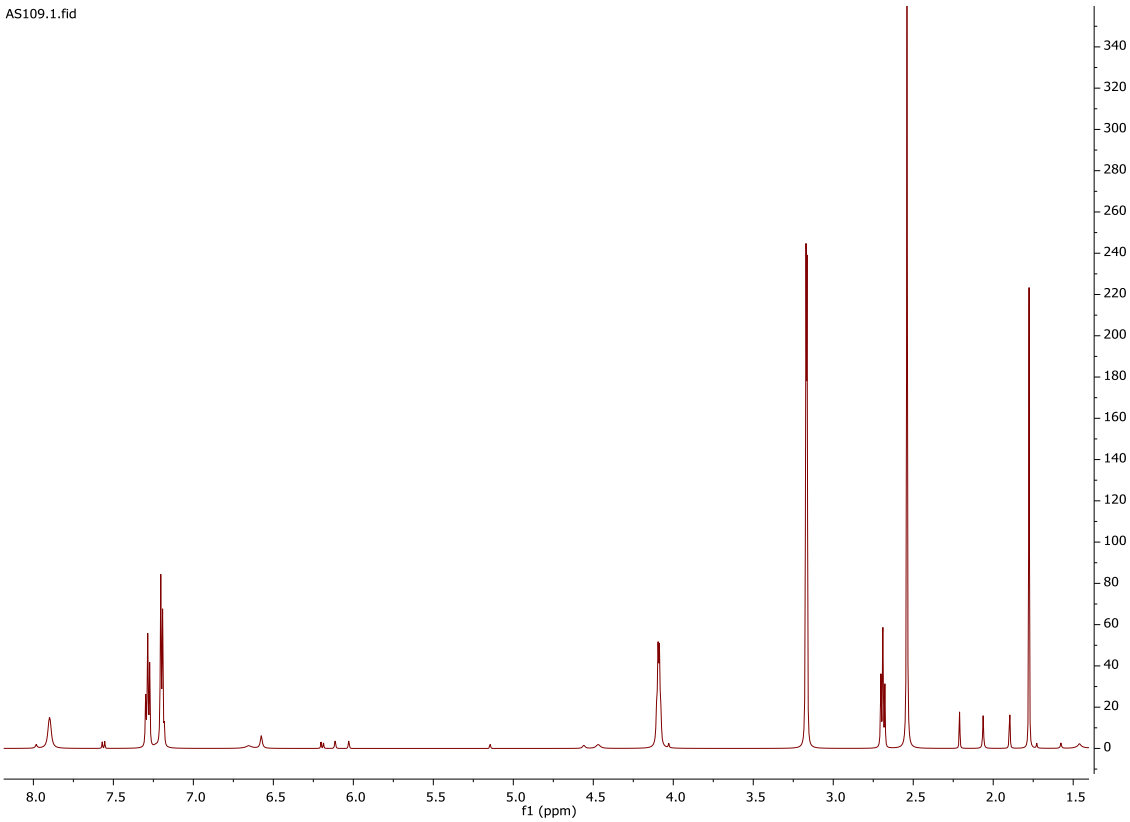

Figure S10: ^{1}H NMR spectrum of compound **6** (600 MHz, DMSO– d_6, 298 K)

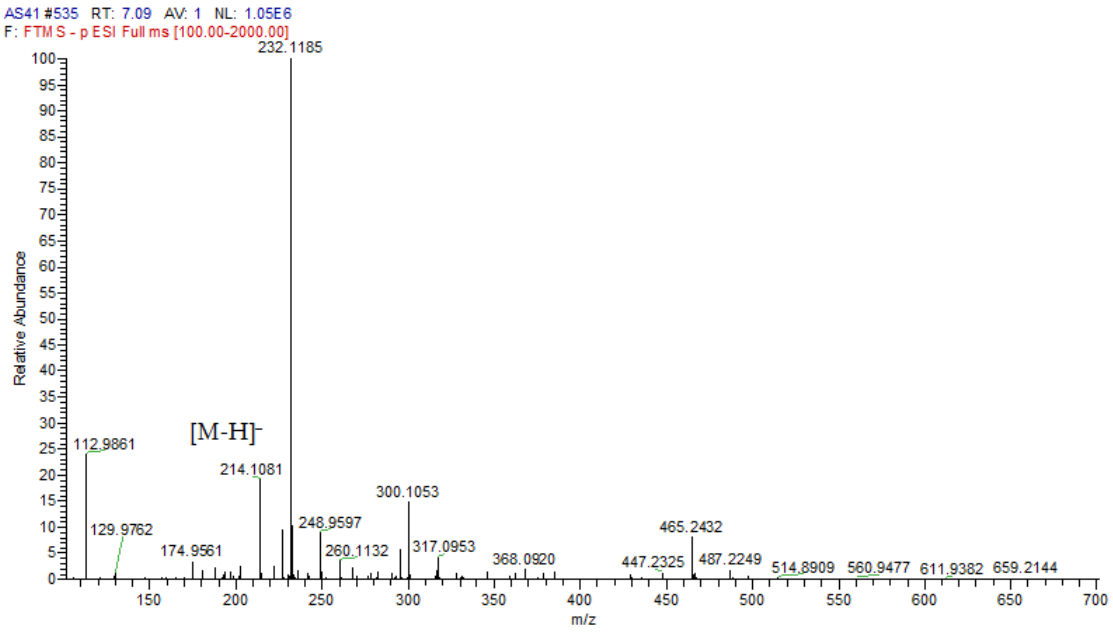

Figure S11: HRESIMS spectrum of compound **7**

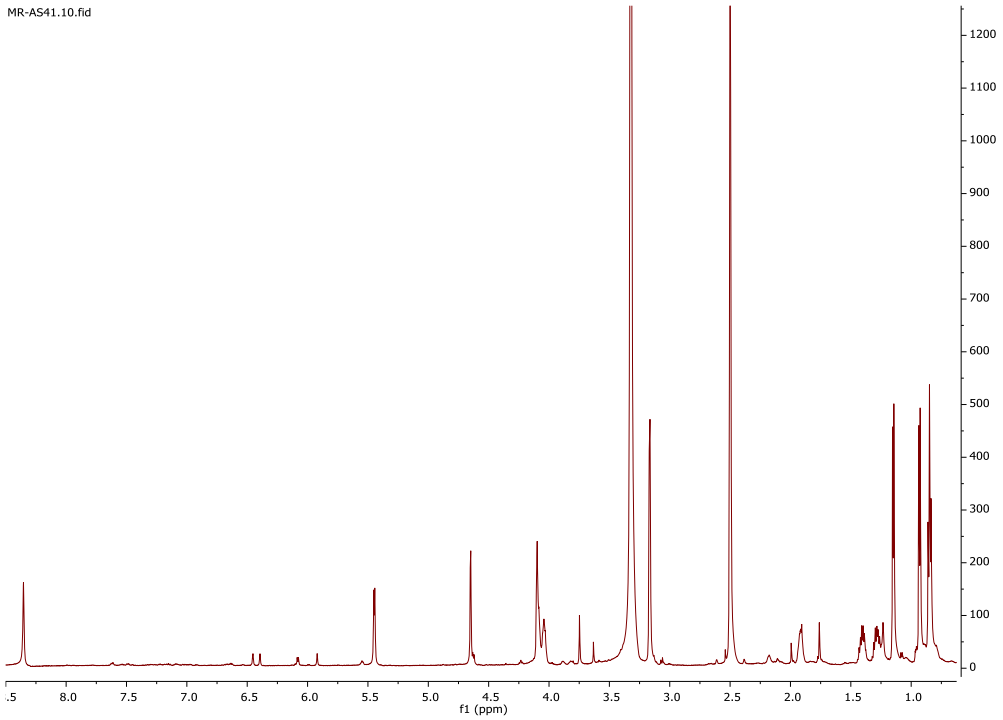

Figure S12: ^{1}H NMR spectrum of compound **7** (600 MHz, DMSO– d_6, 298 K)

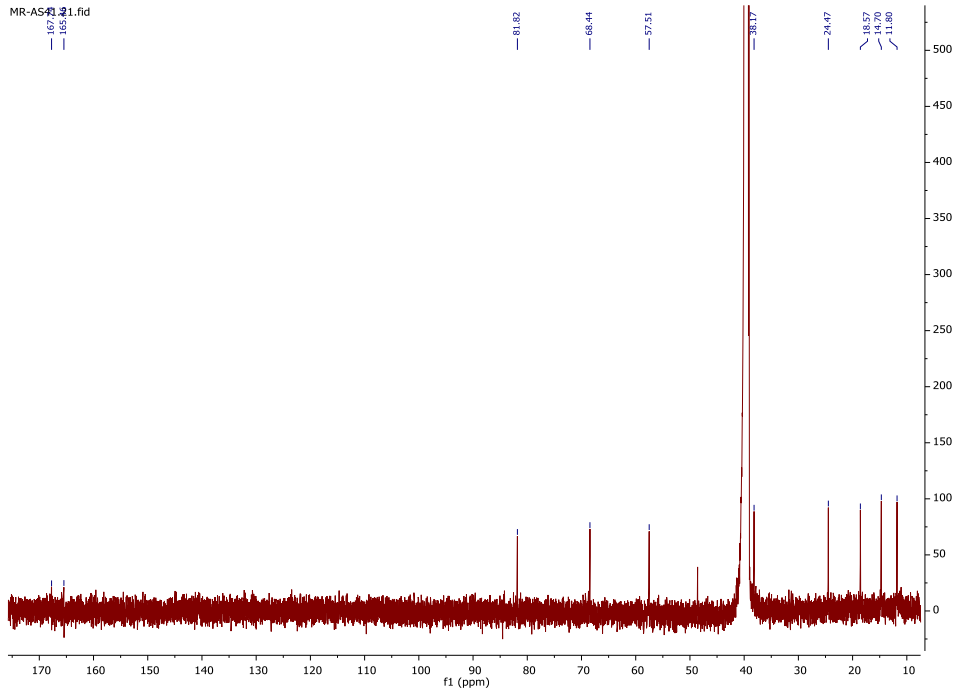

Figure S13: ^{13}C NMR spectrum of compound **7** (600 MHz, DMSO– d_6, 298 K)

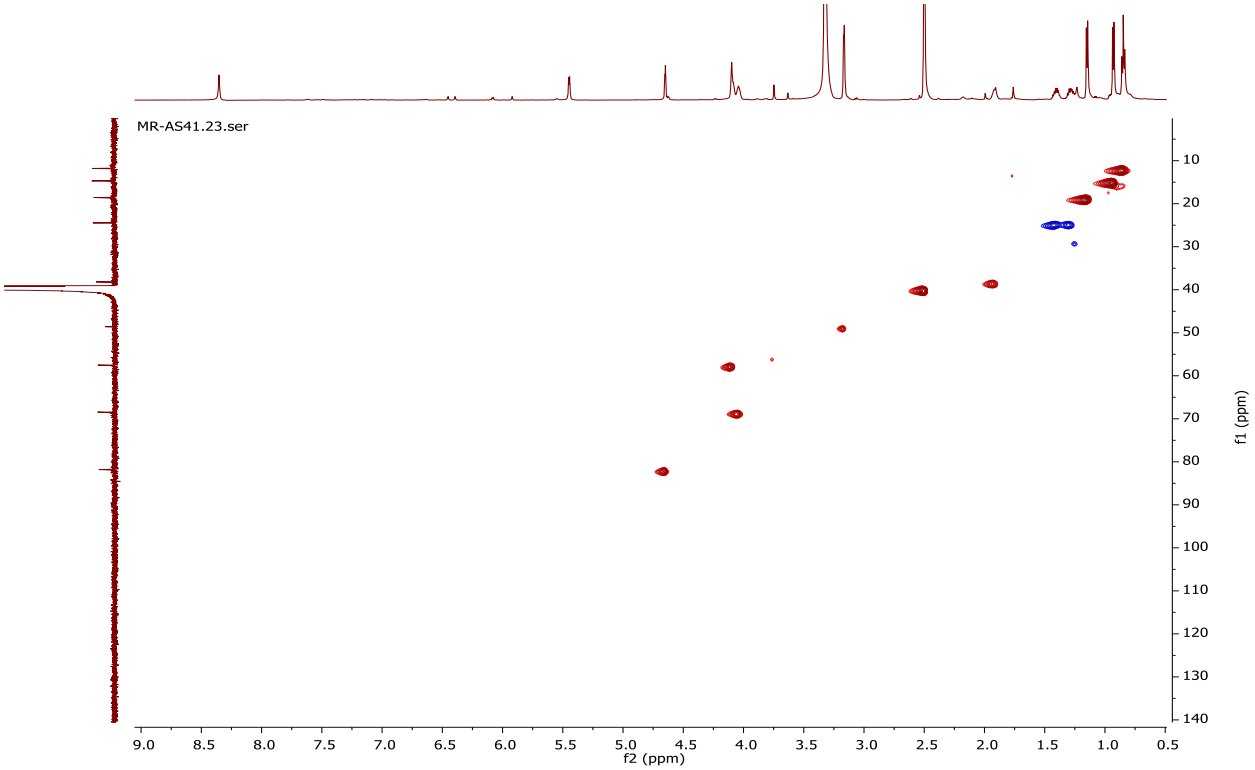

Figure S14: HSQC spectrum of compound **7** (DMSO– d_6, 298 K)

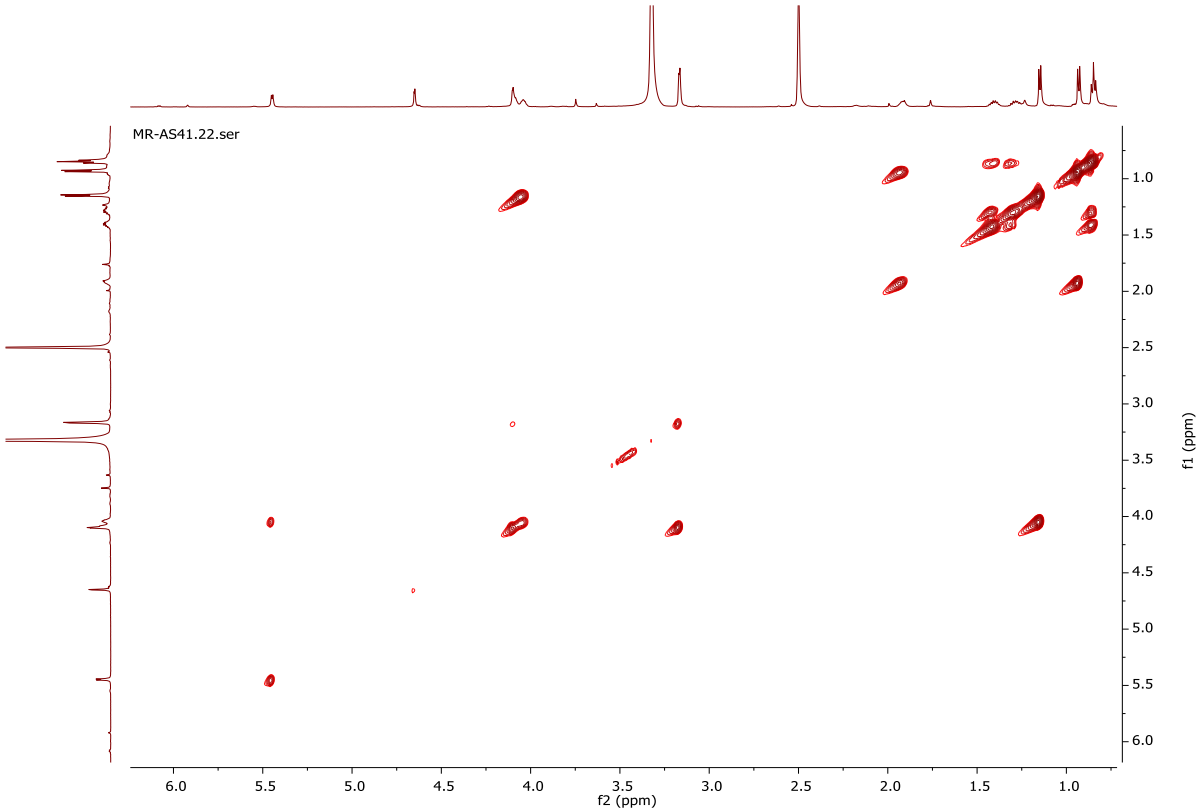

Figure S15: ^{1}H-^{1}H COSY spectrum of compound **7** (DMSO– d_6, 298 K)

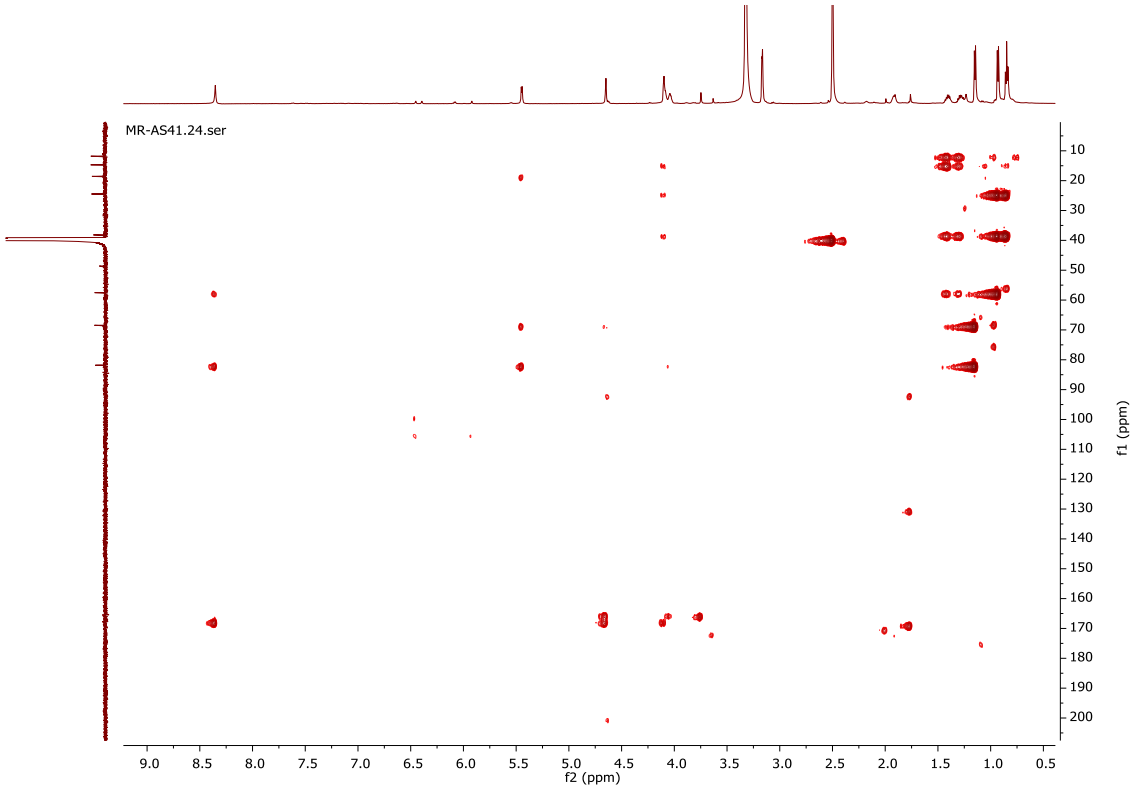

Figure S16: HMBC spectrum of compound **7** (DMSO– d_6, 298 K)

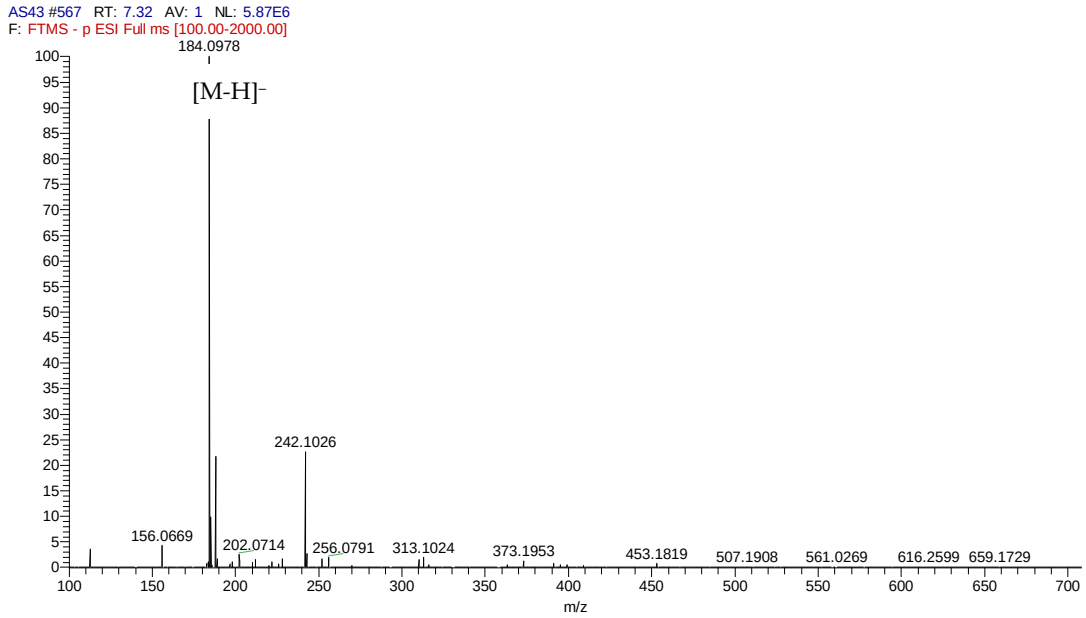

Figure S17: HRESIMS spectrum of compound **8**

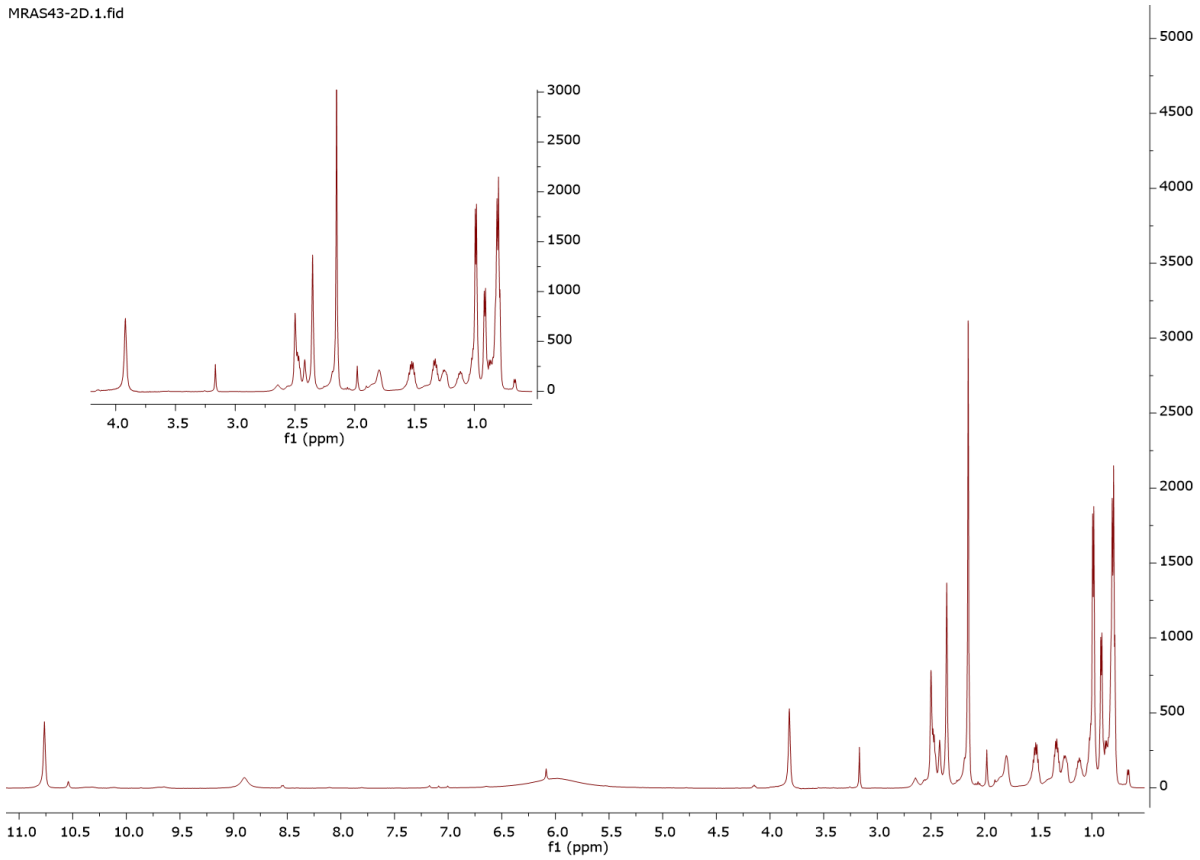

Figure S18: ^{1}H NMR spectrum of compound **8** (600 MHz, DMSO– d_6, 298 K)

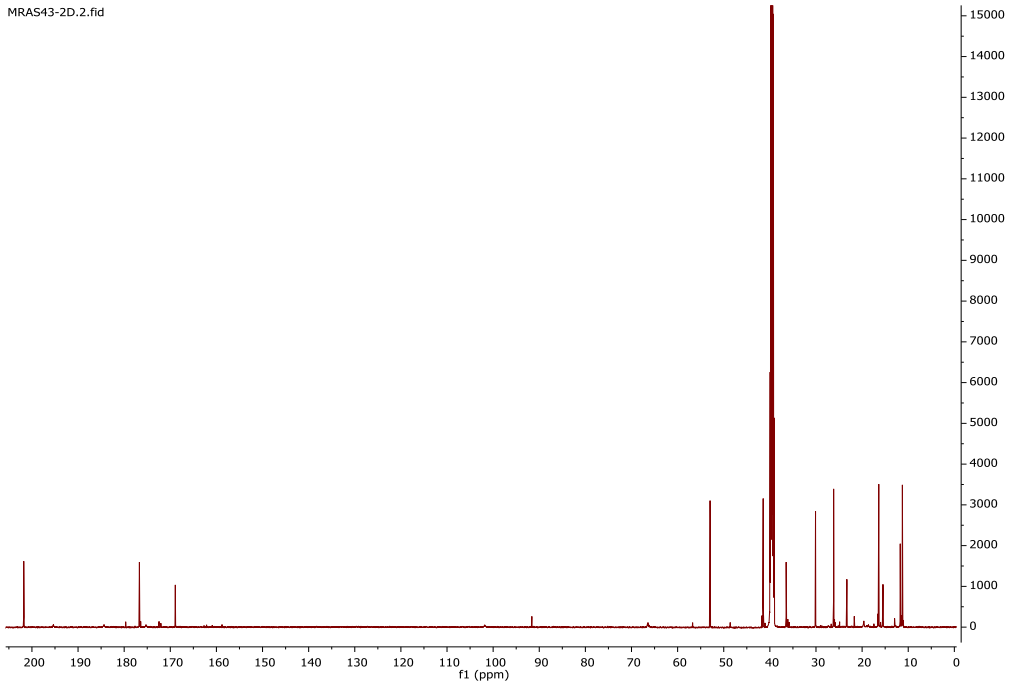

Figure S19: ^{13}C NMR spectrum of compound **8** (600 MHz, DMSO– d_6, 298 K)

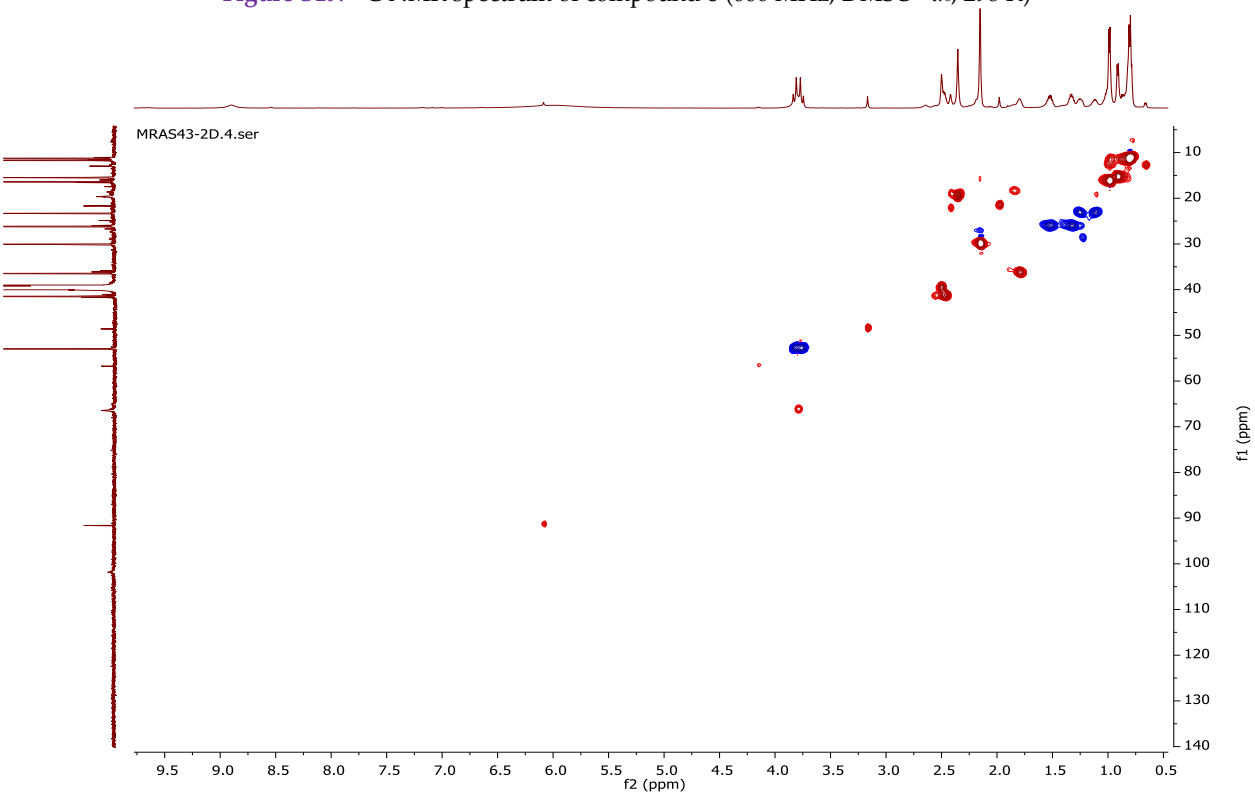

Figure S20: HSQC spectrum of compound **8** (DMSO– d_6, 298 K)

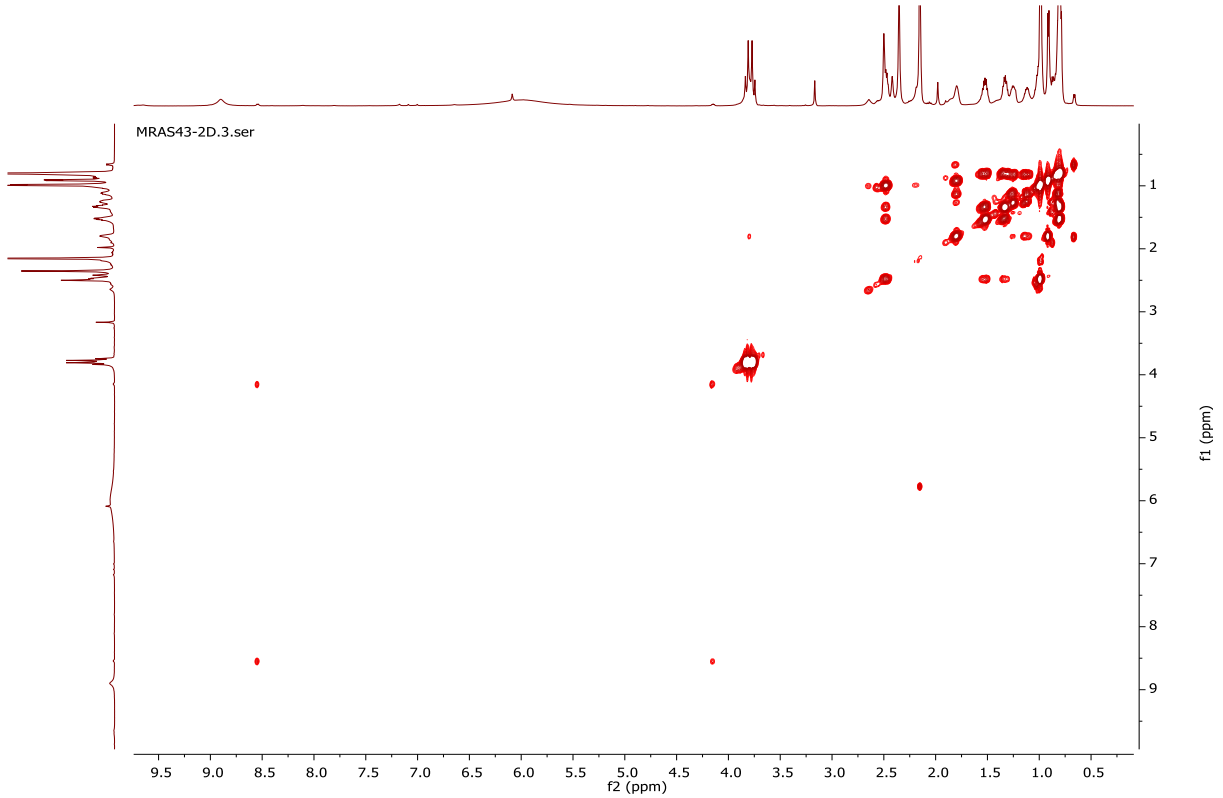

Figure S21: ^{1}H-^{1}H COSY spectrum of compound **8** (DMSO– d_6, 298 K)

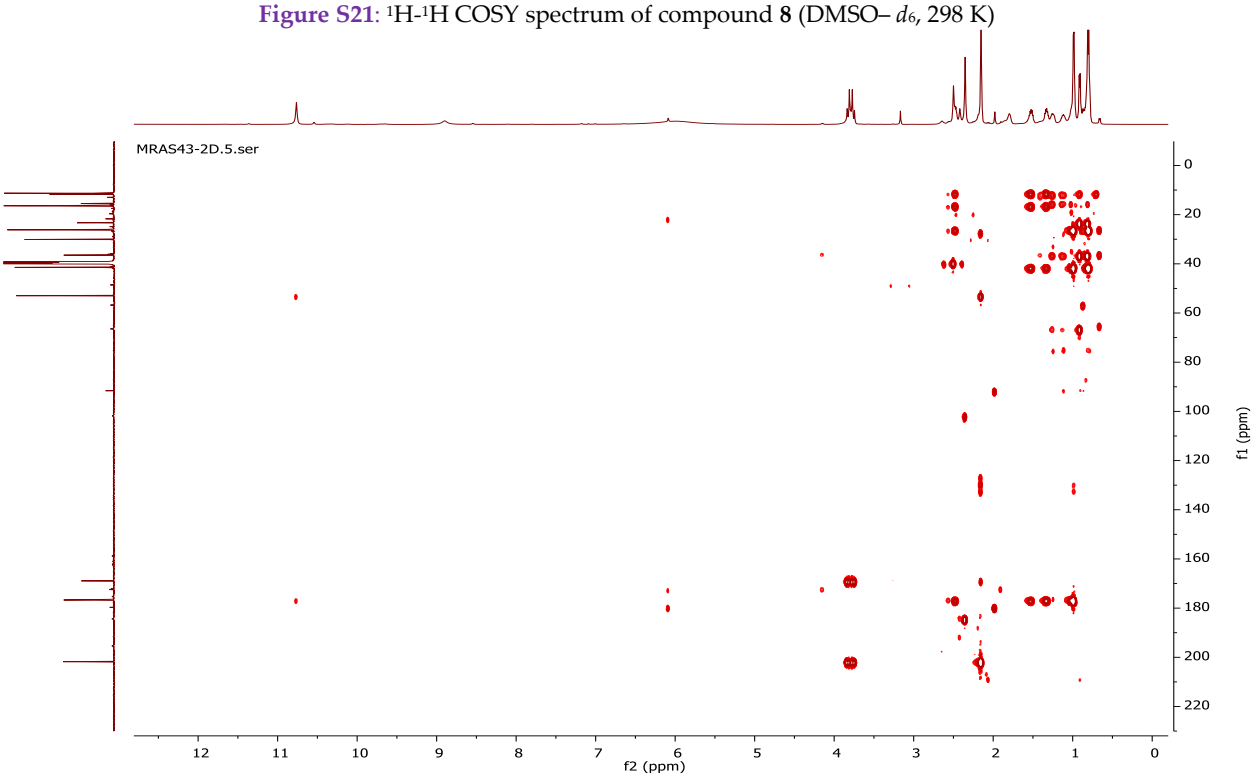

Figure S22: HMBC spectrum of compound **8** (DMSO– d_6, 298 K)

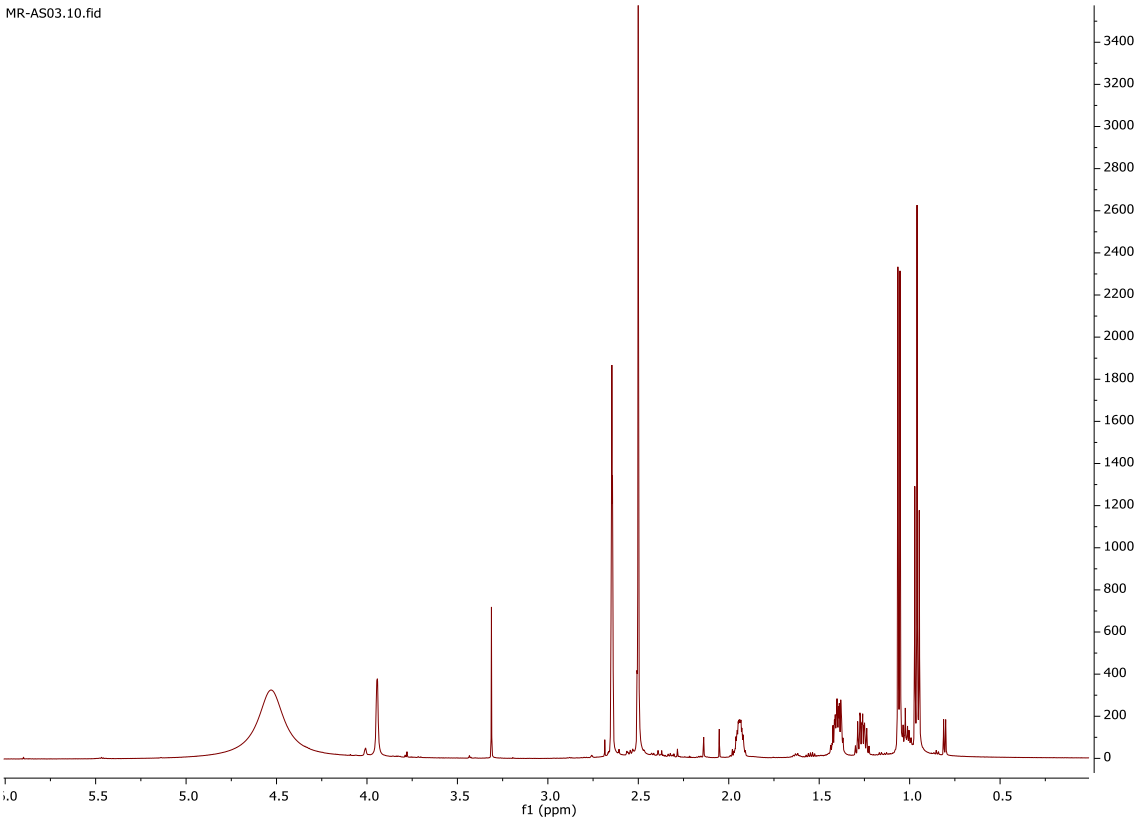

Figure S23: ^{1}H NMR spectrum of compound **9** (600 MHz, DMSO– d_6, 298 K)

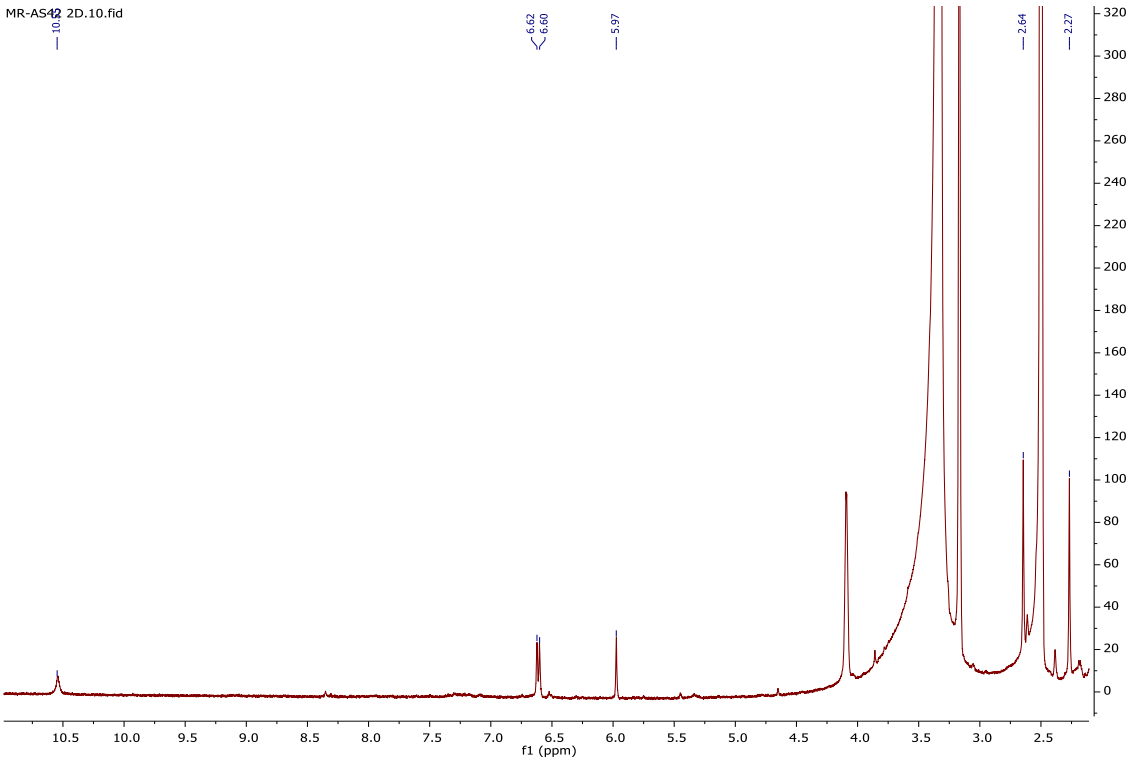

Figure S24: ^{1}H NMR spectrum of compound **10** (600 MHz, DMSO– d_6, 298 K)

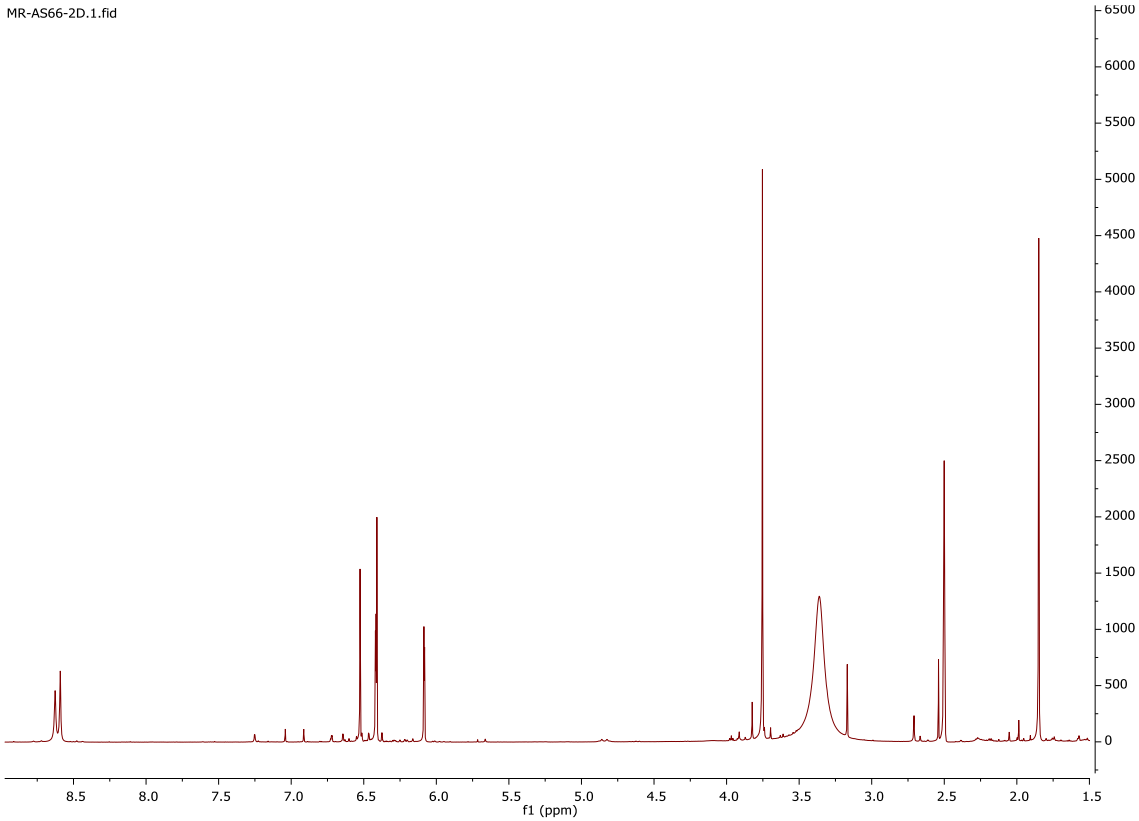

Figure S25: ^{1}H NMR spectrum of compound **11** (600 MHz, DMSO– d_6, 298 K)

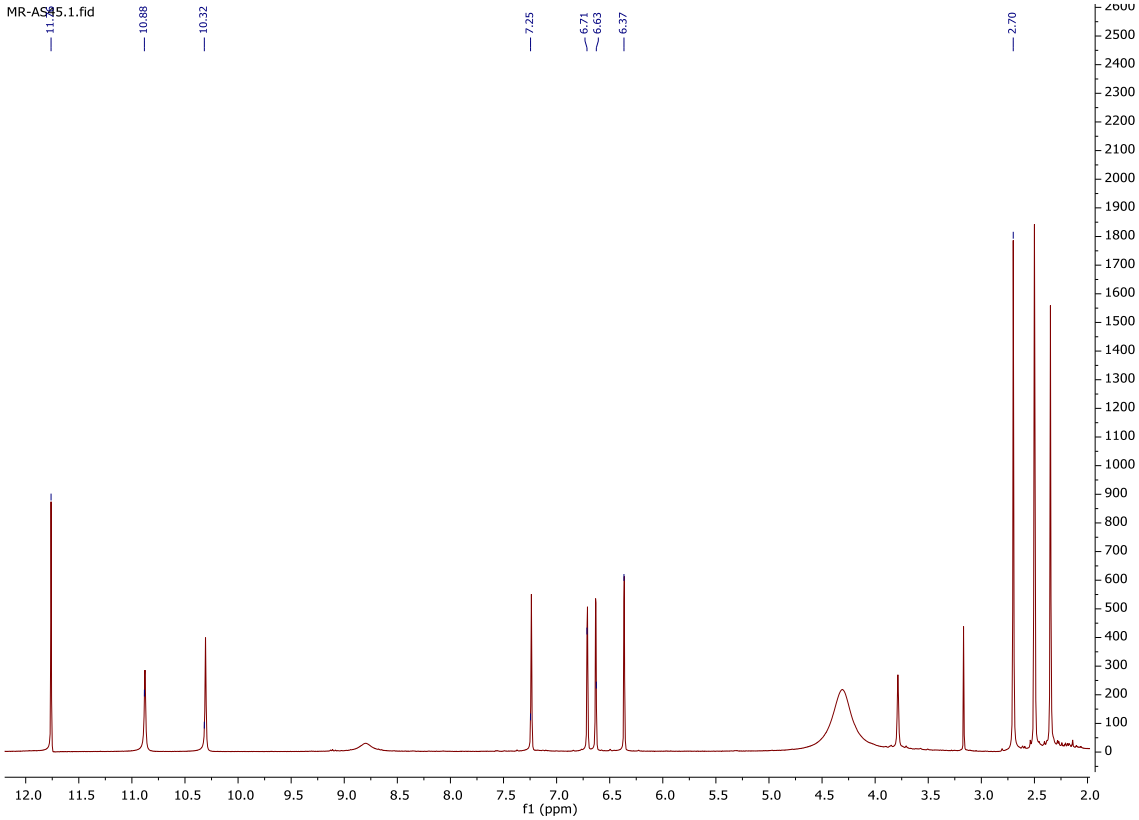

Figure S26: ^{1}H NMR spectrum of compound **12** (600 MHz, DMSO– d_6, 298 K)

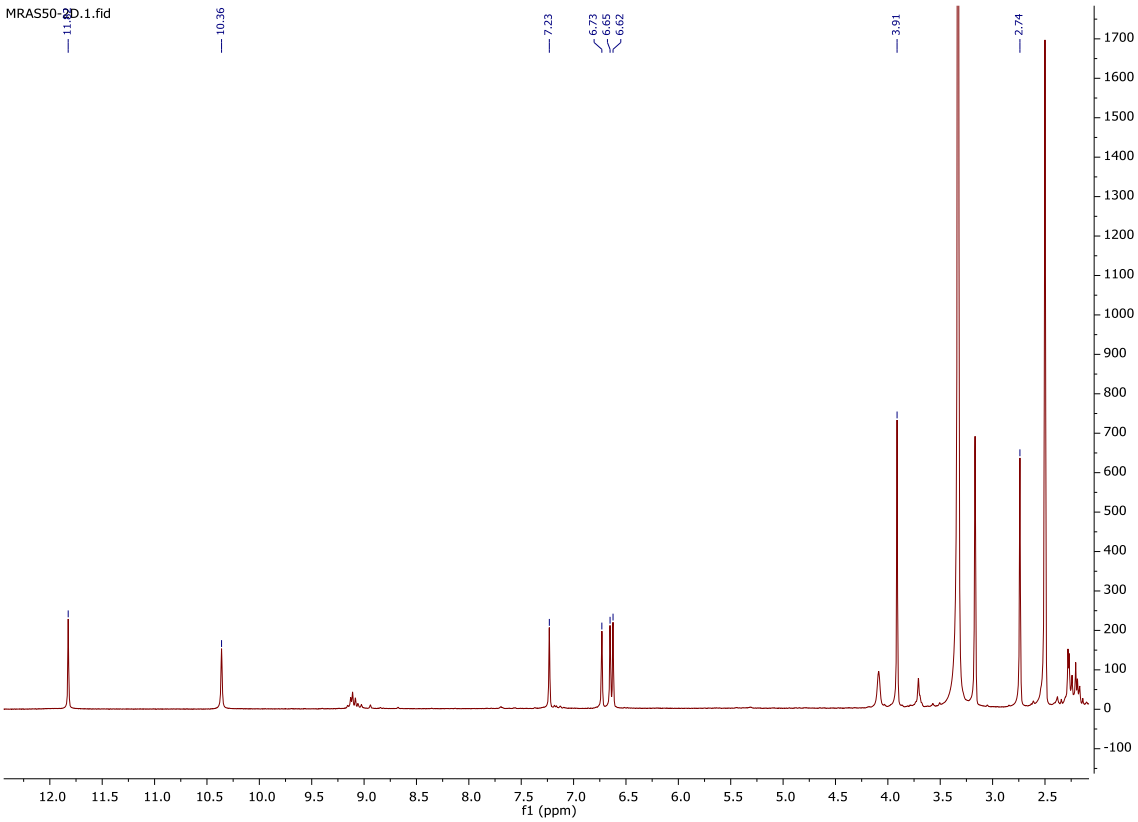

Figure S27: ^{1}H NMR spectrum of compound **13** (600 MHz, DMSO– d_6, 298 K)

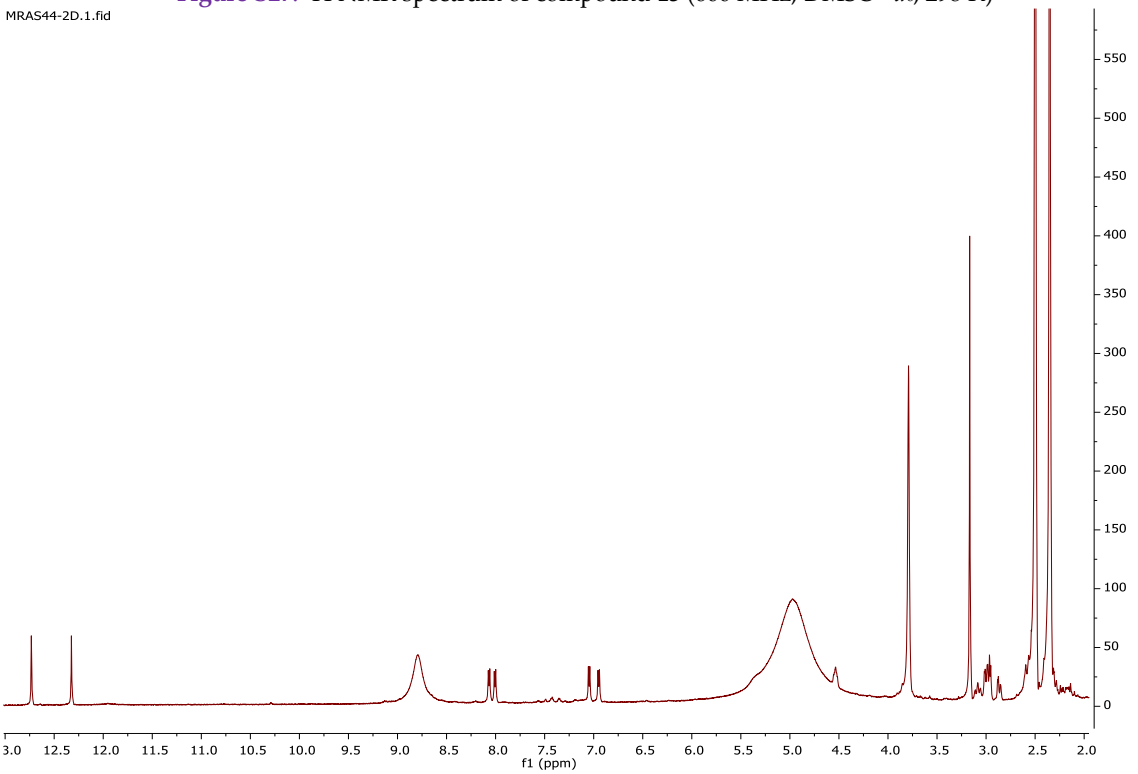

Figure S28: ^{1}H NMR spectrum of compound **14** (600 MHz, DMSO– d_6, 298 K)

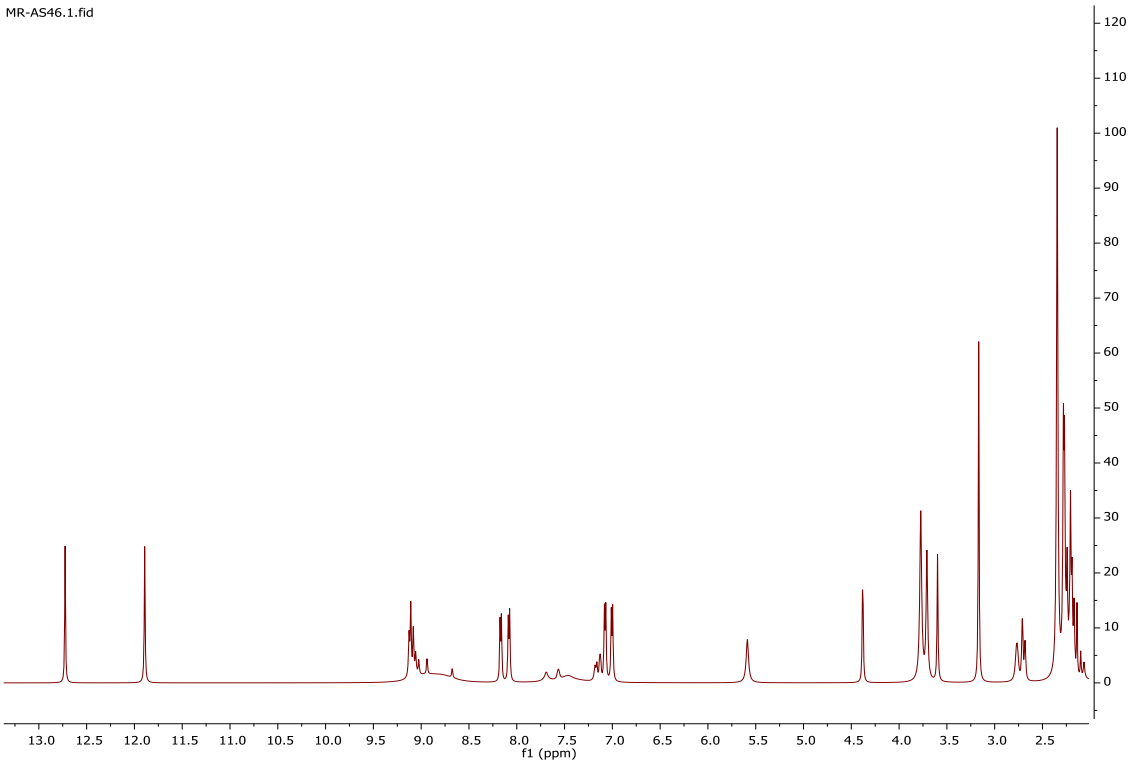

Figure S29: ^{1}H NMR spectrum of compound **15** (600 MHz, DMSO– d_6, 298 K)

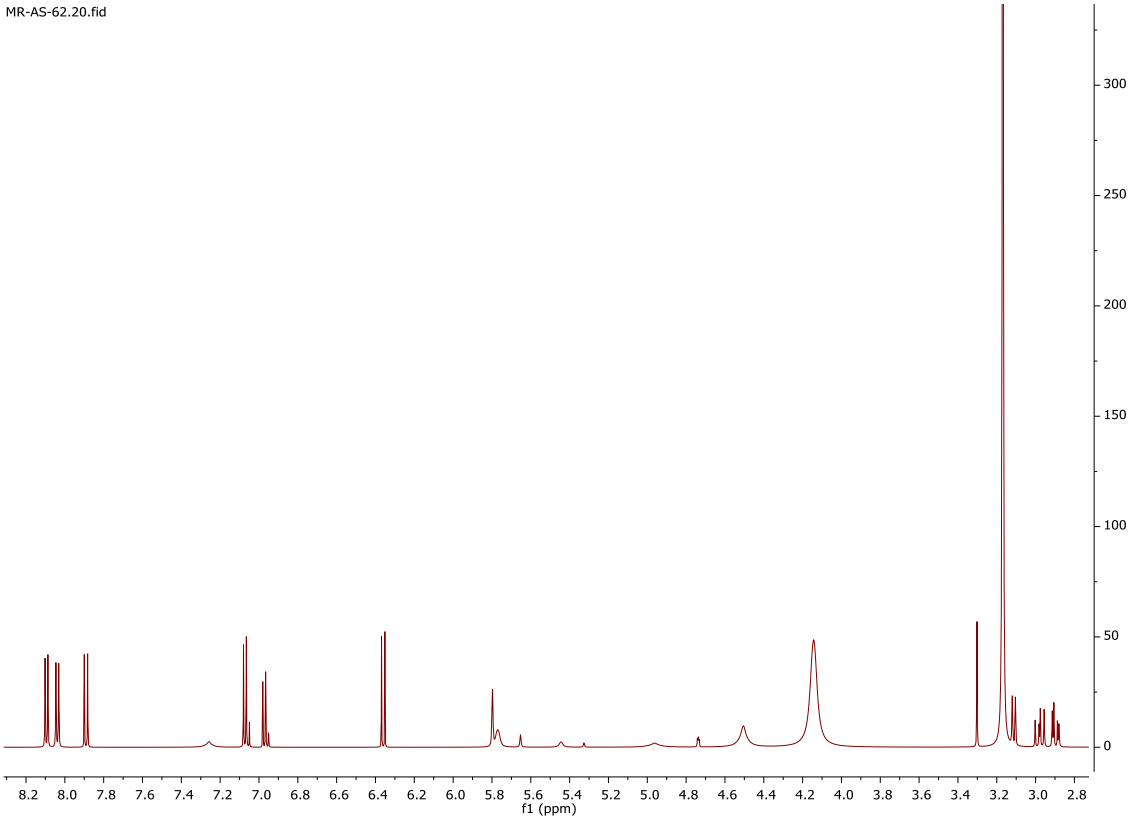

Figure S30: ^{1}H NMR spectrum of compound **16** (600 MHz, DMSO– d_6, 298 K)