

# Nitrogen-Containing Secondary Metabolites from a Deep-Sea Fungus *Aspergillus unguis* and Their Anti-Inflammatory Activity

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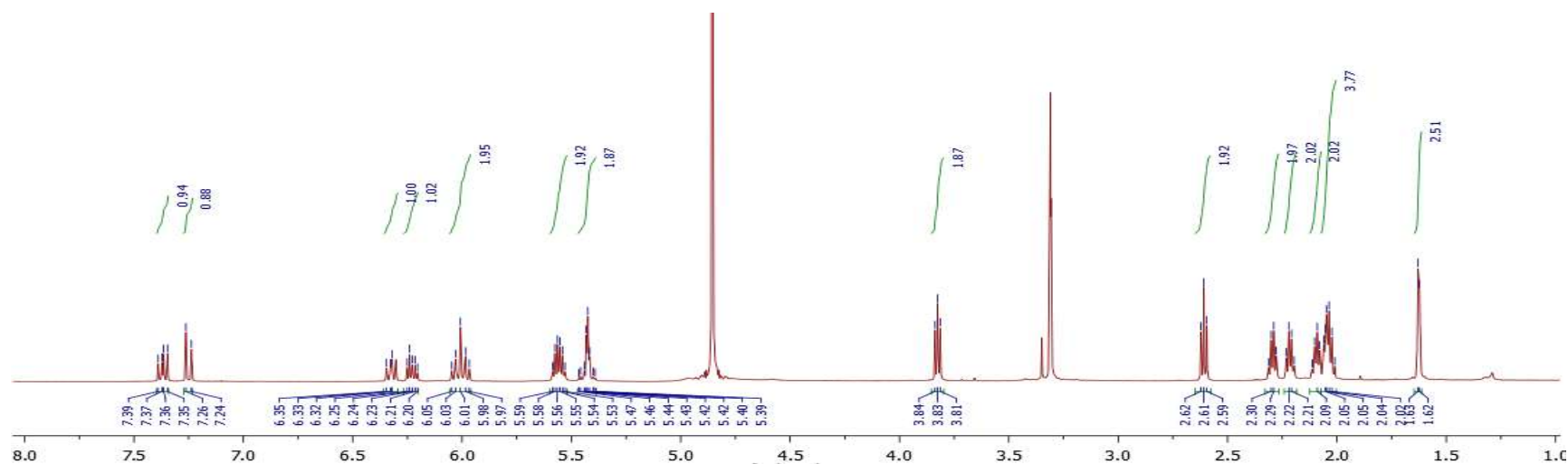


Figure S1. <sup>1</sup>H NMR spectrum of 1.

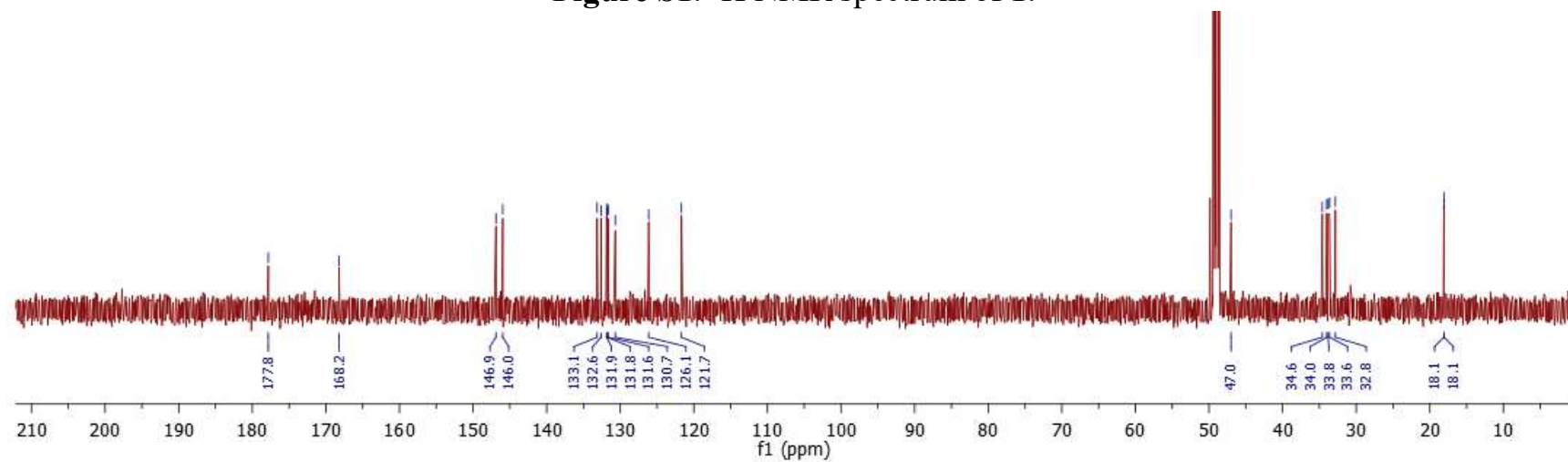
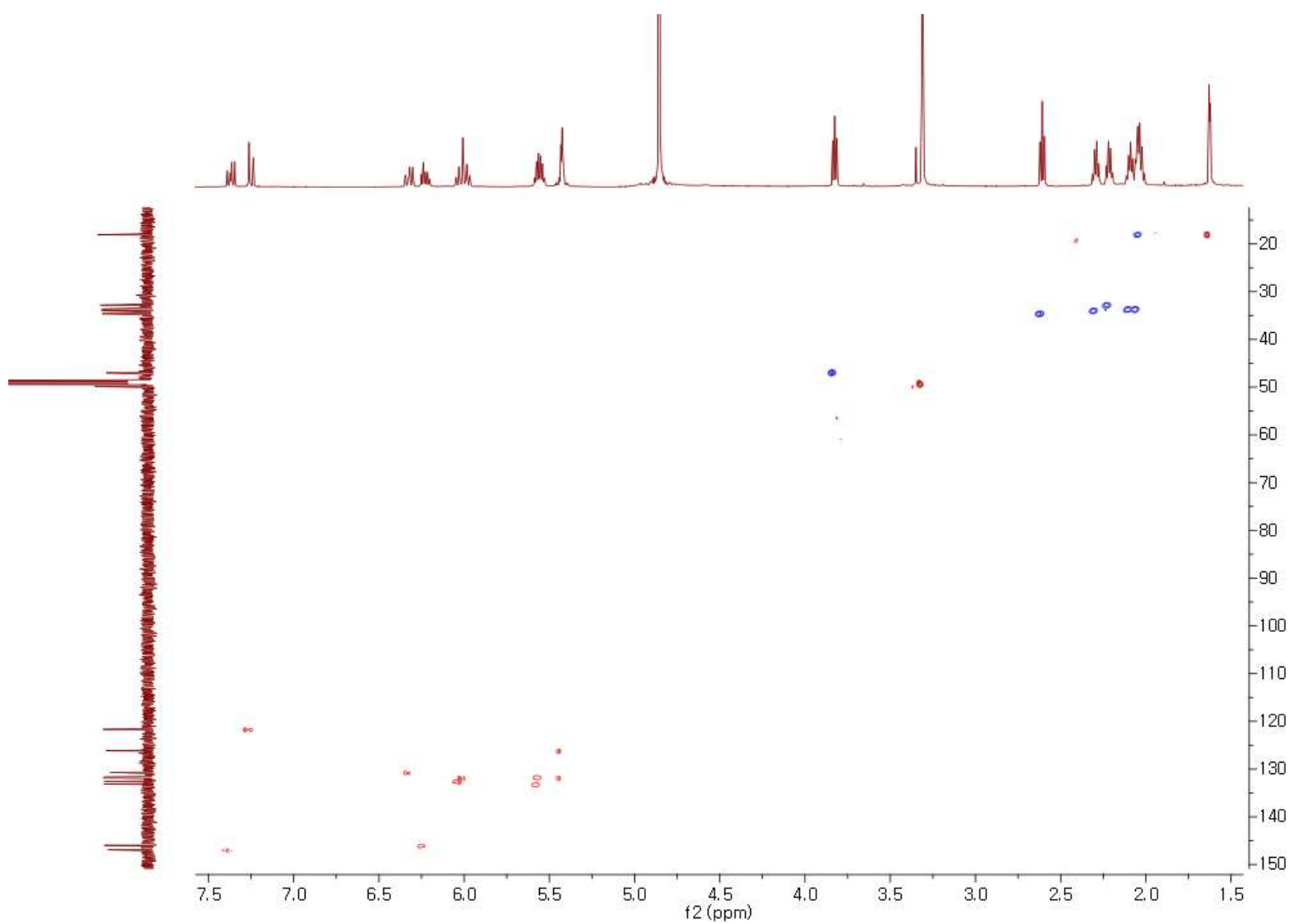
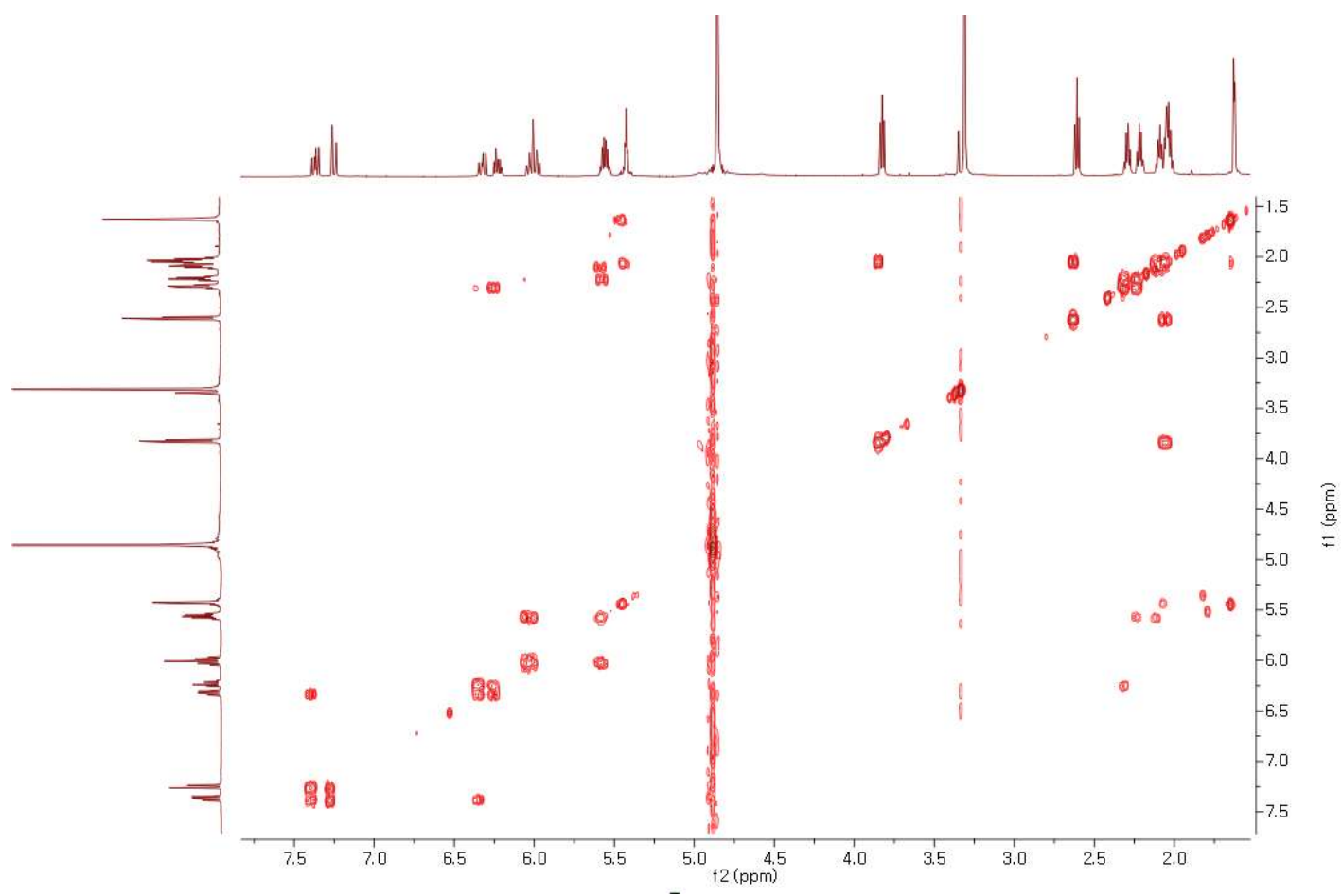


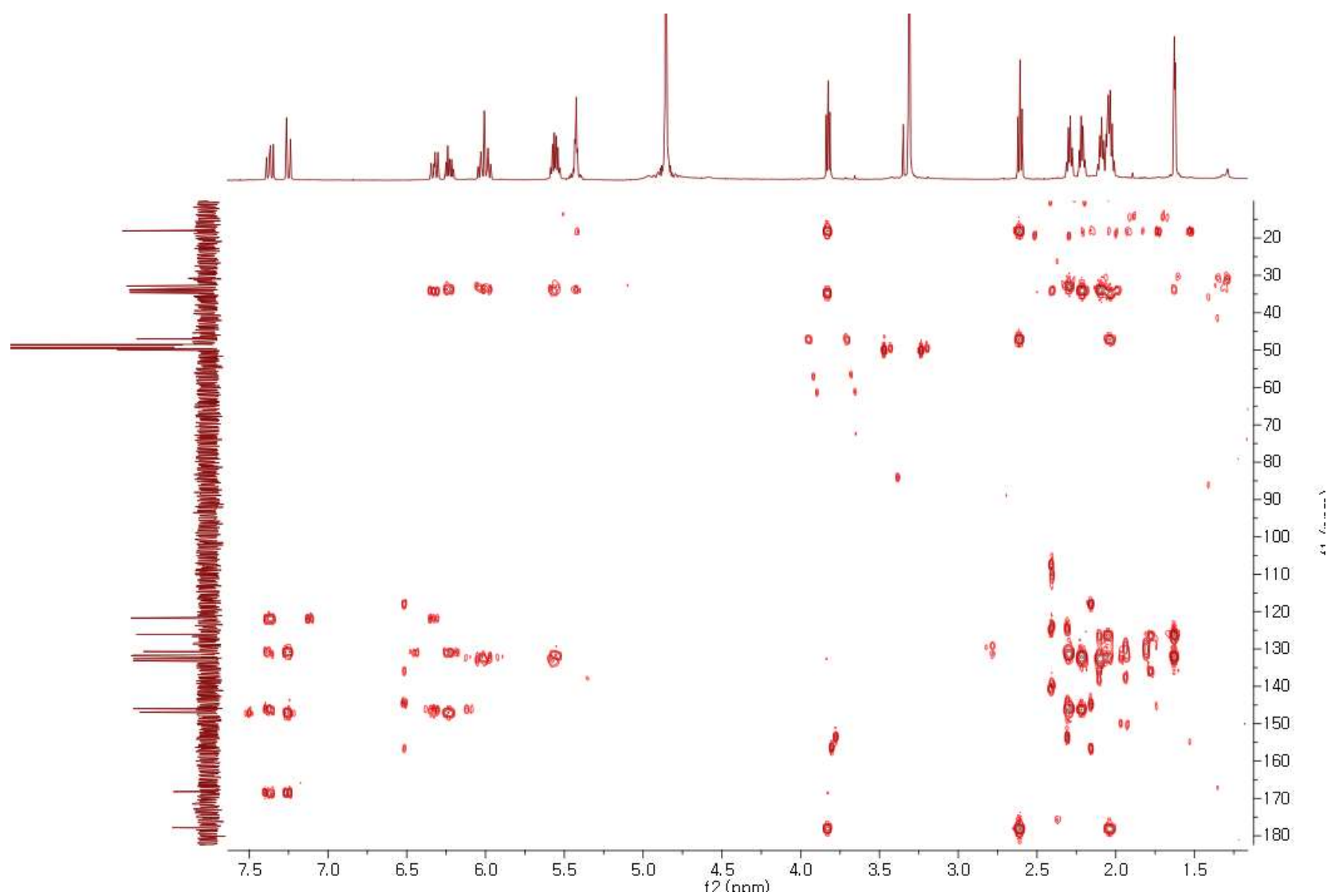
Figure S2. <sup>13</sup>C NMR spectrum of 1.



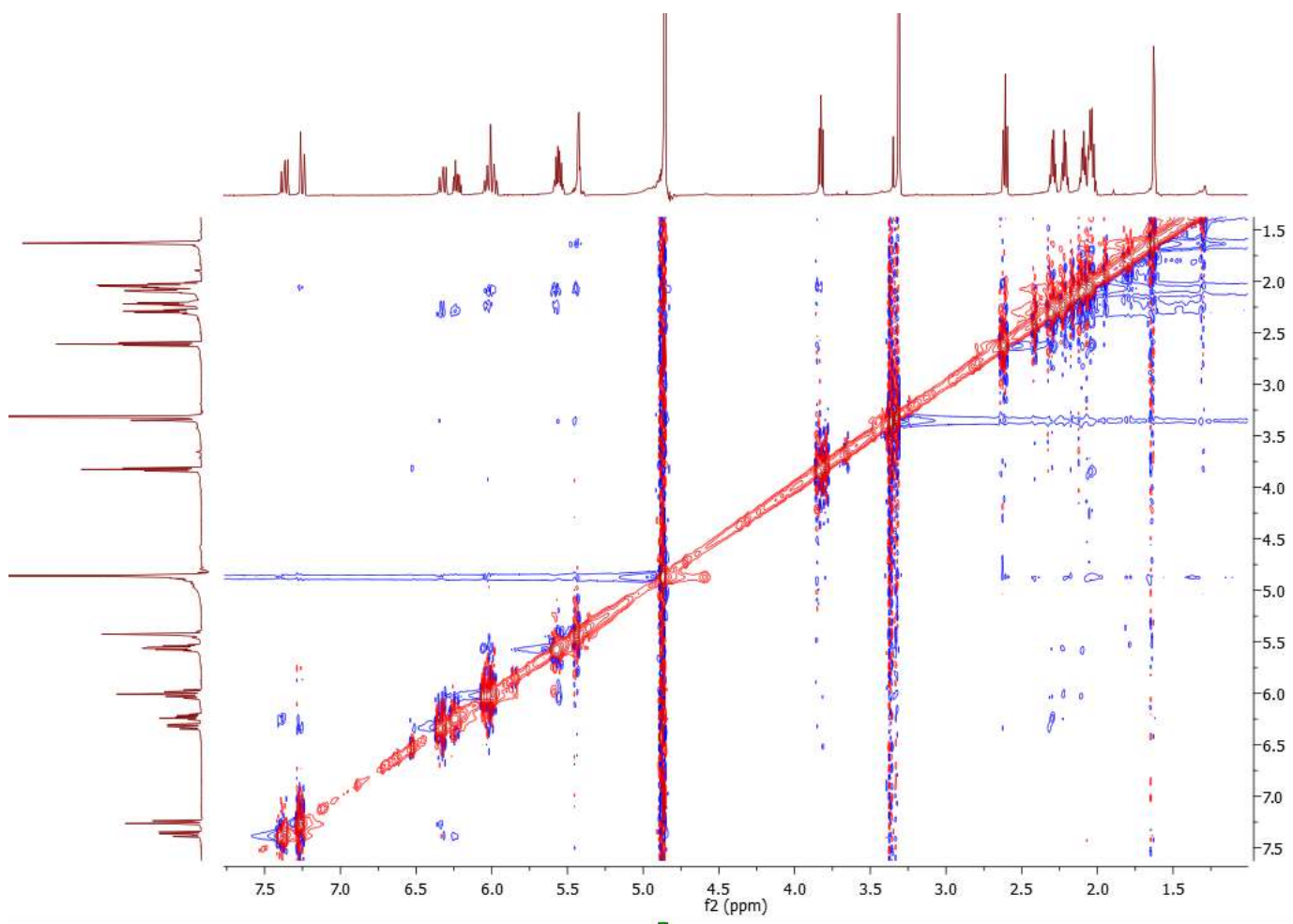
**Figure S3.** HSQC spectrum of **1**.



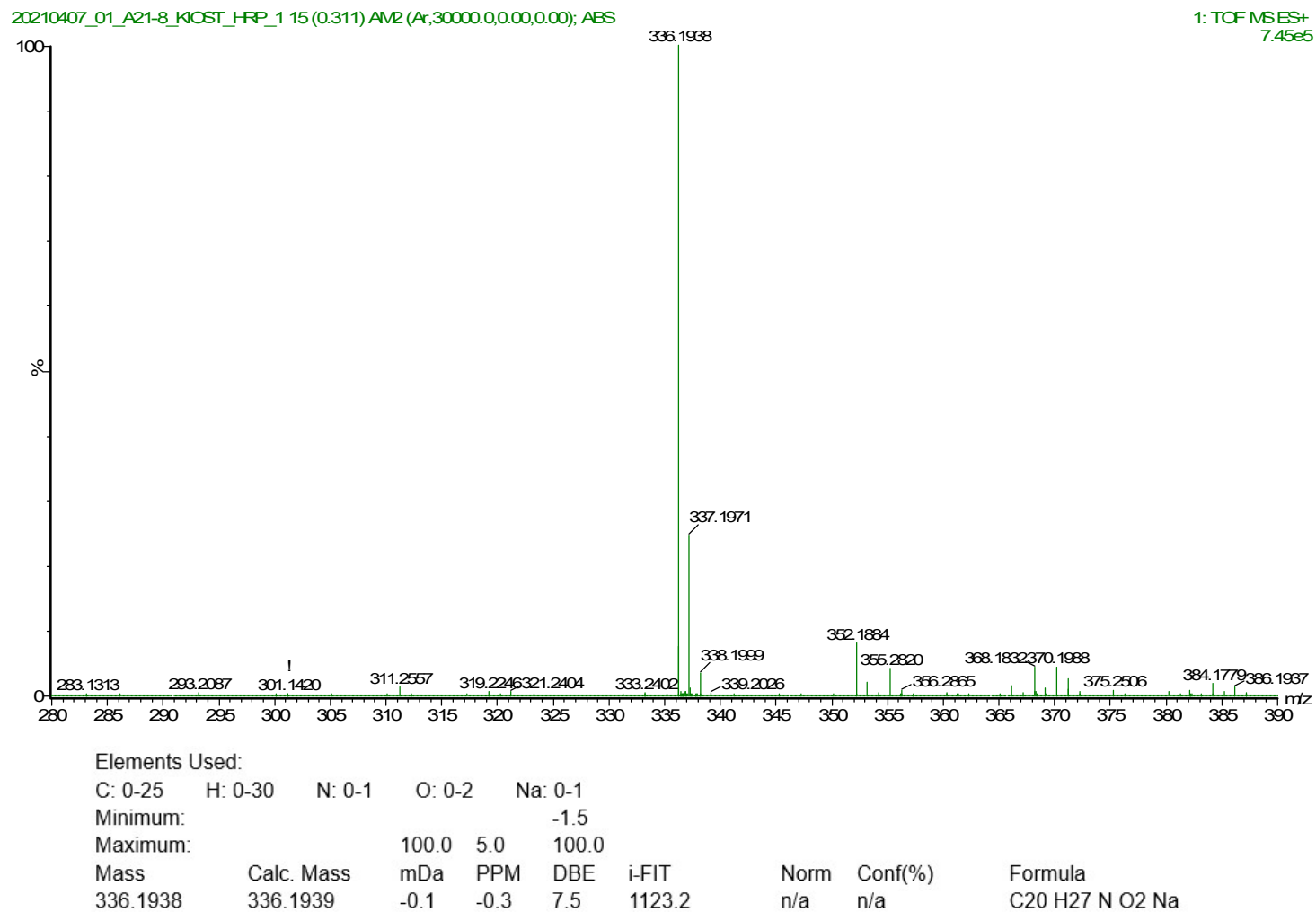
**Figure S4.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of **1**.



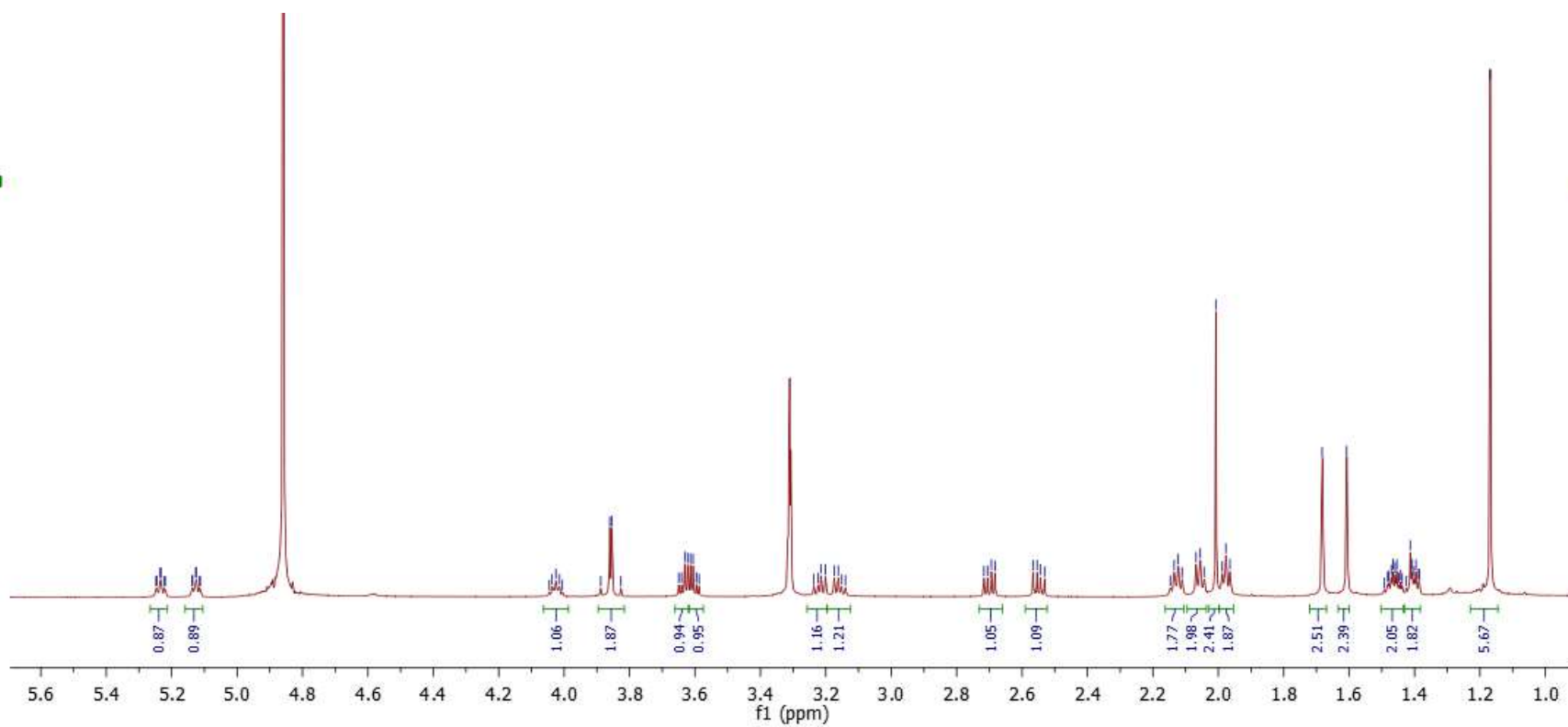
**Figure S5.** HMBC spectrum of **1**.



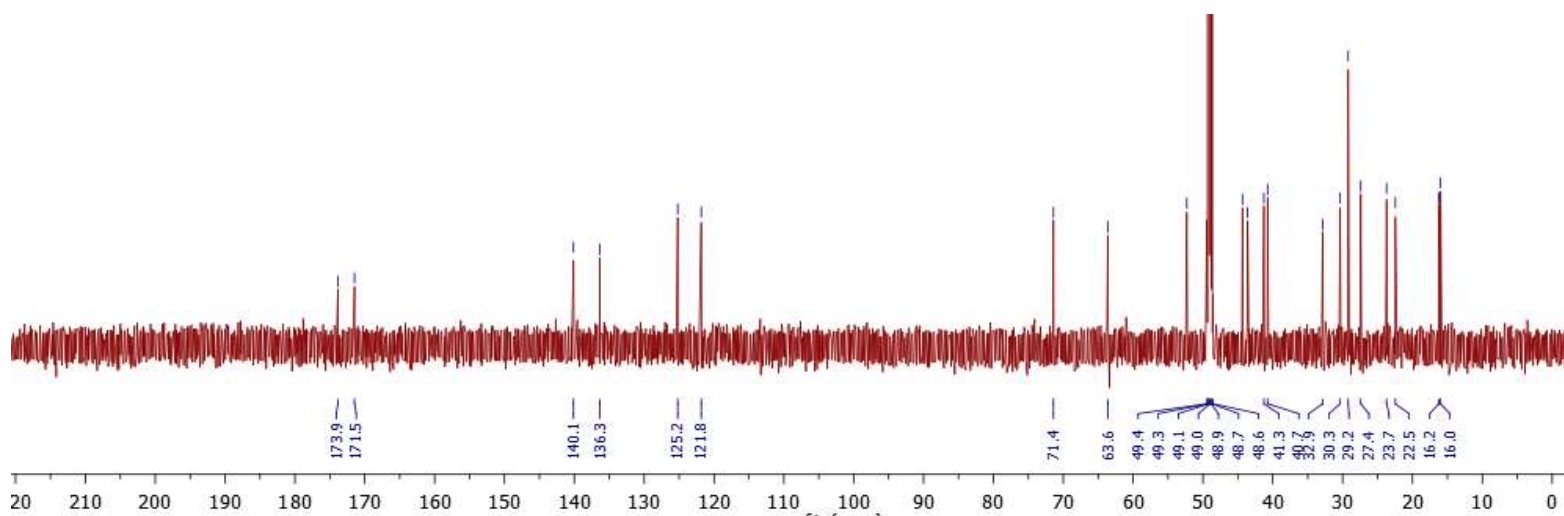
**Figure S6.** NOESY spectrum of **1**.



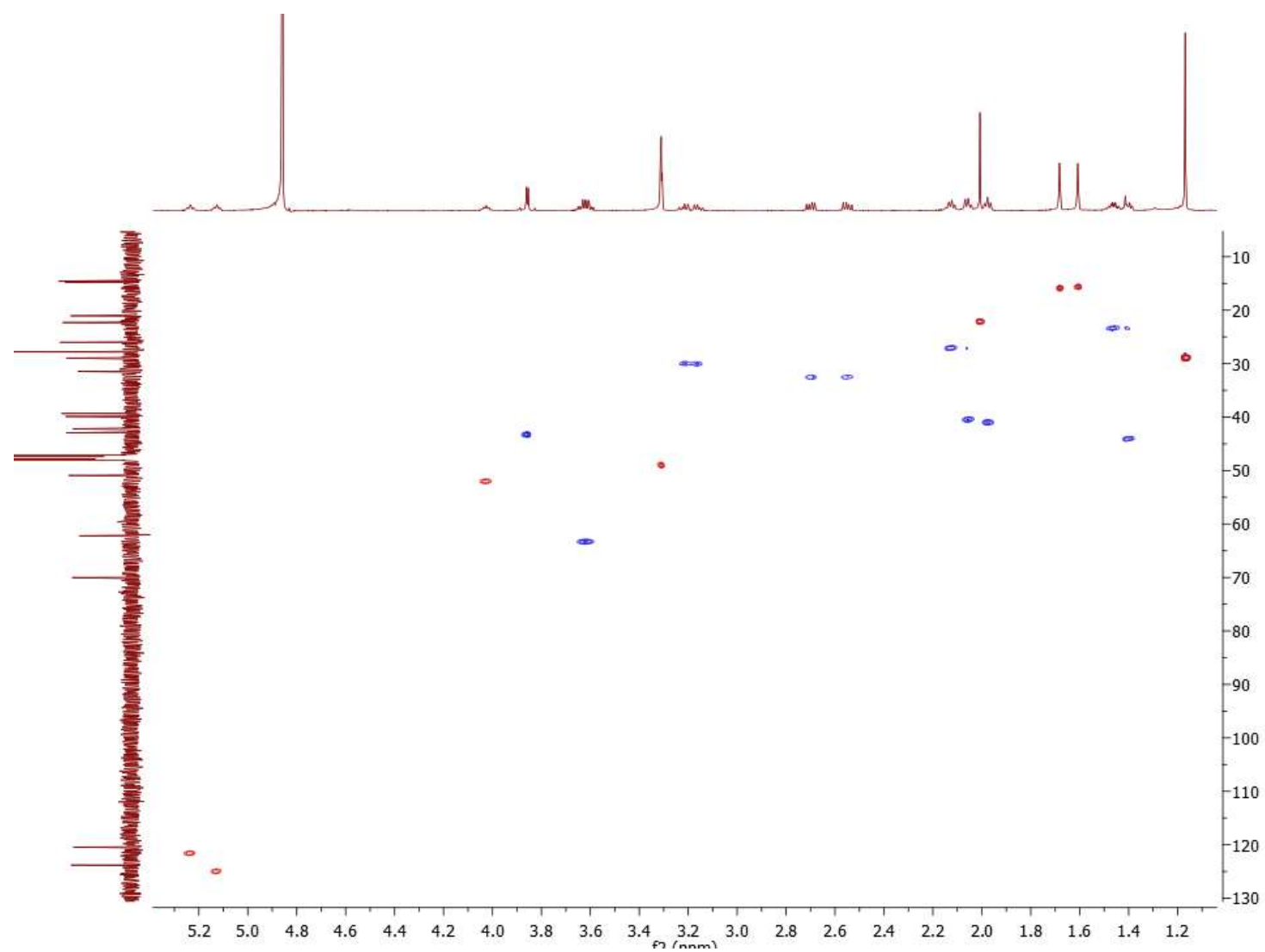




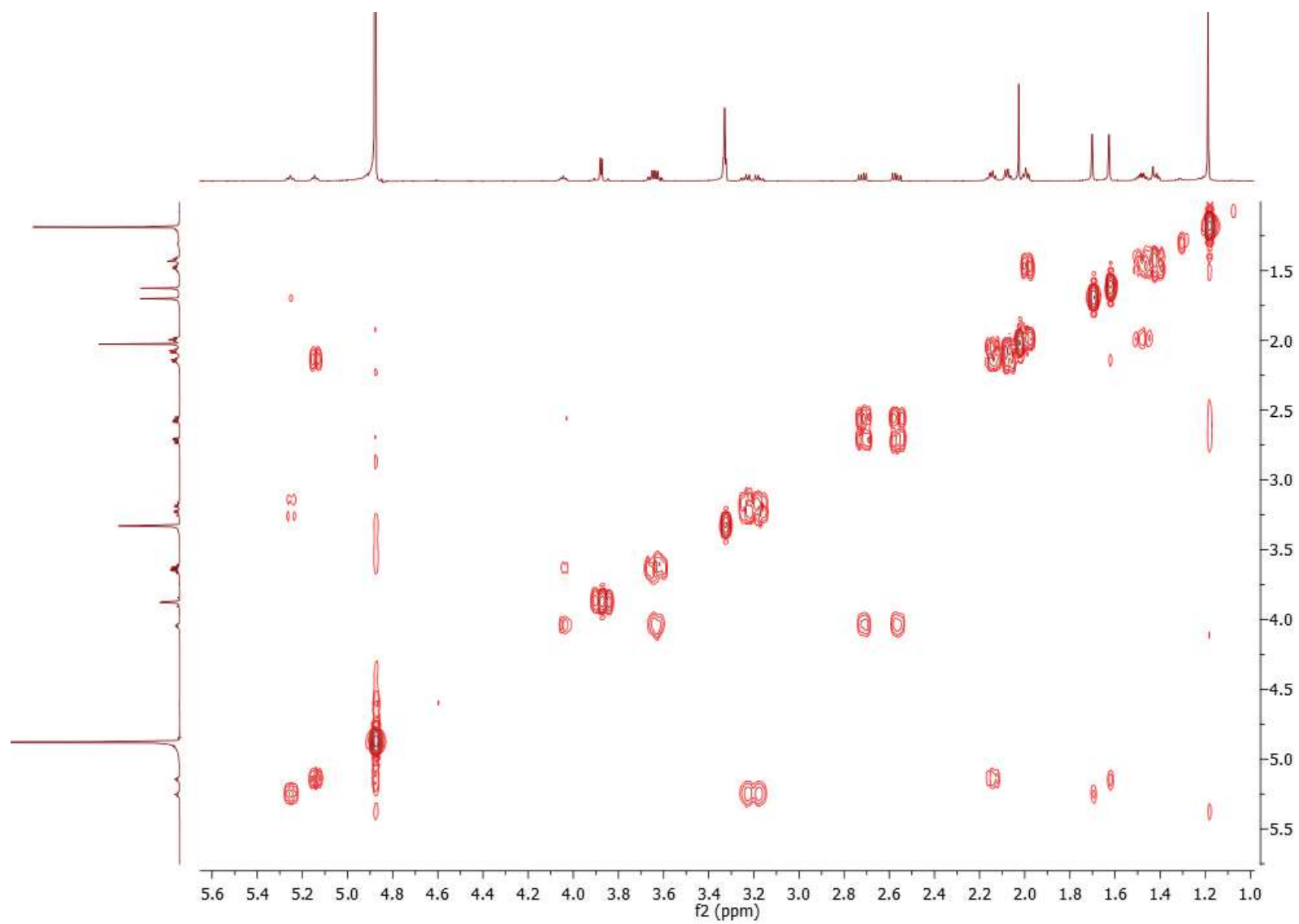
**Figure S8.**  $^1\text{H}$  NMR spectrum of **2**.



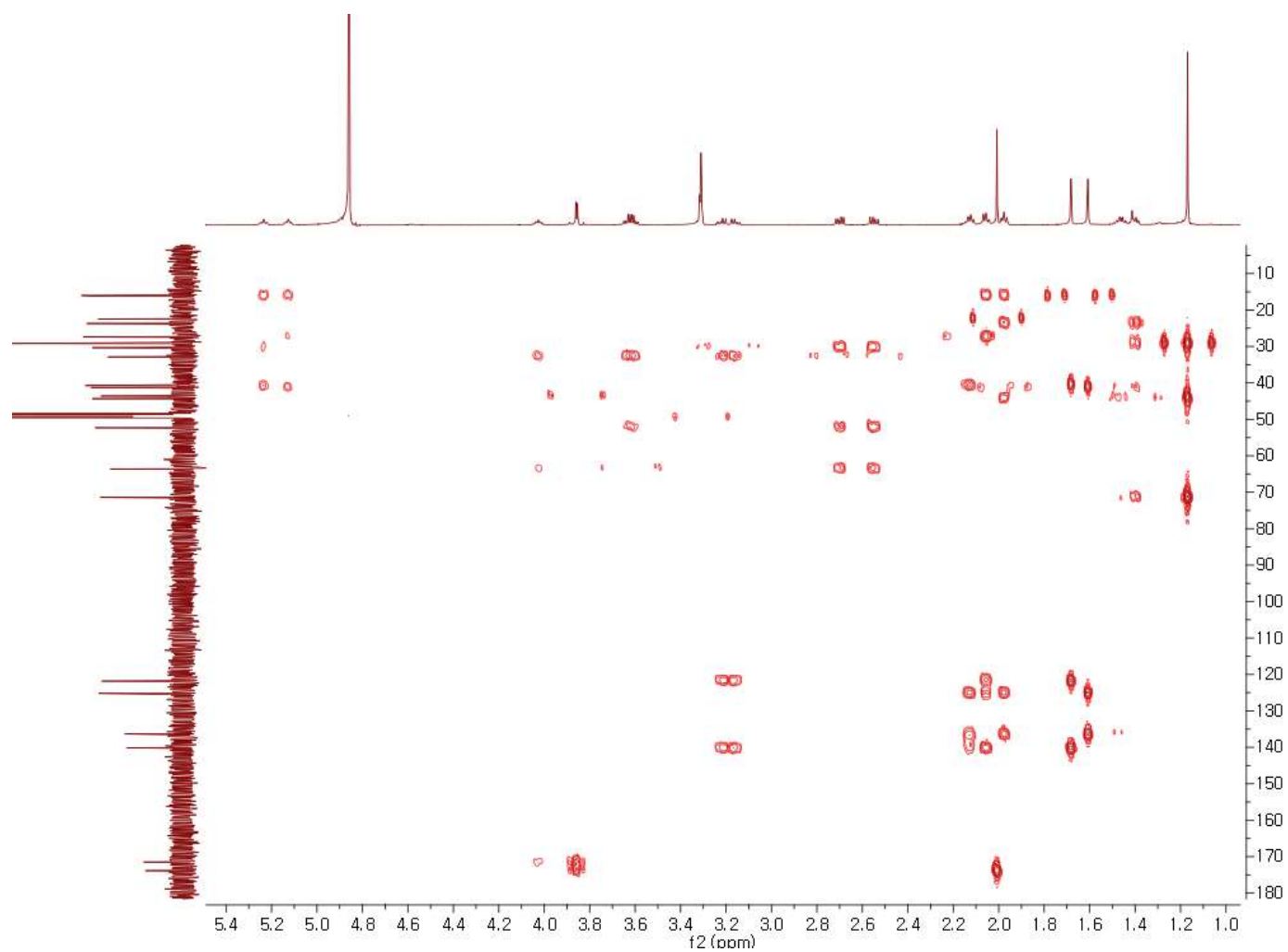
**Figure S9.** <sup>13</sup>C NMR spectrum of **2**.



**Figure S10.** HSQC spectrum of **2**.

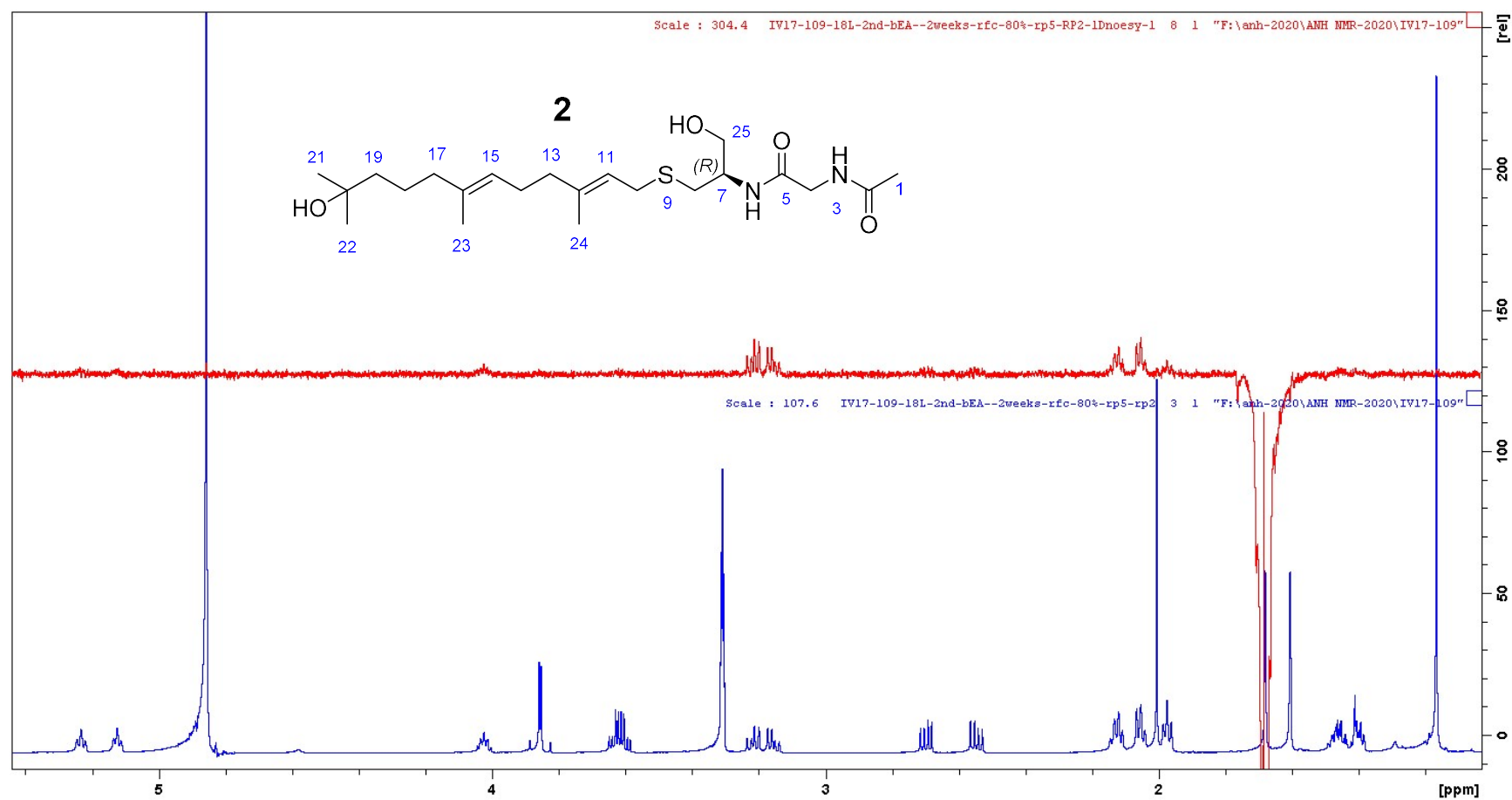


**Figure S11.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of **2**.

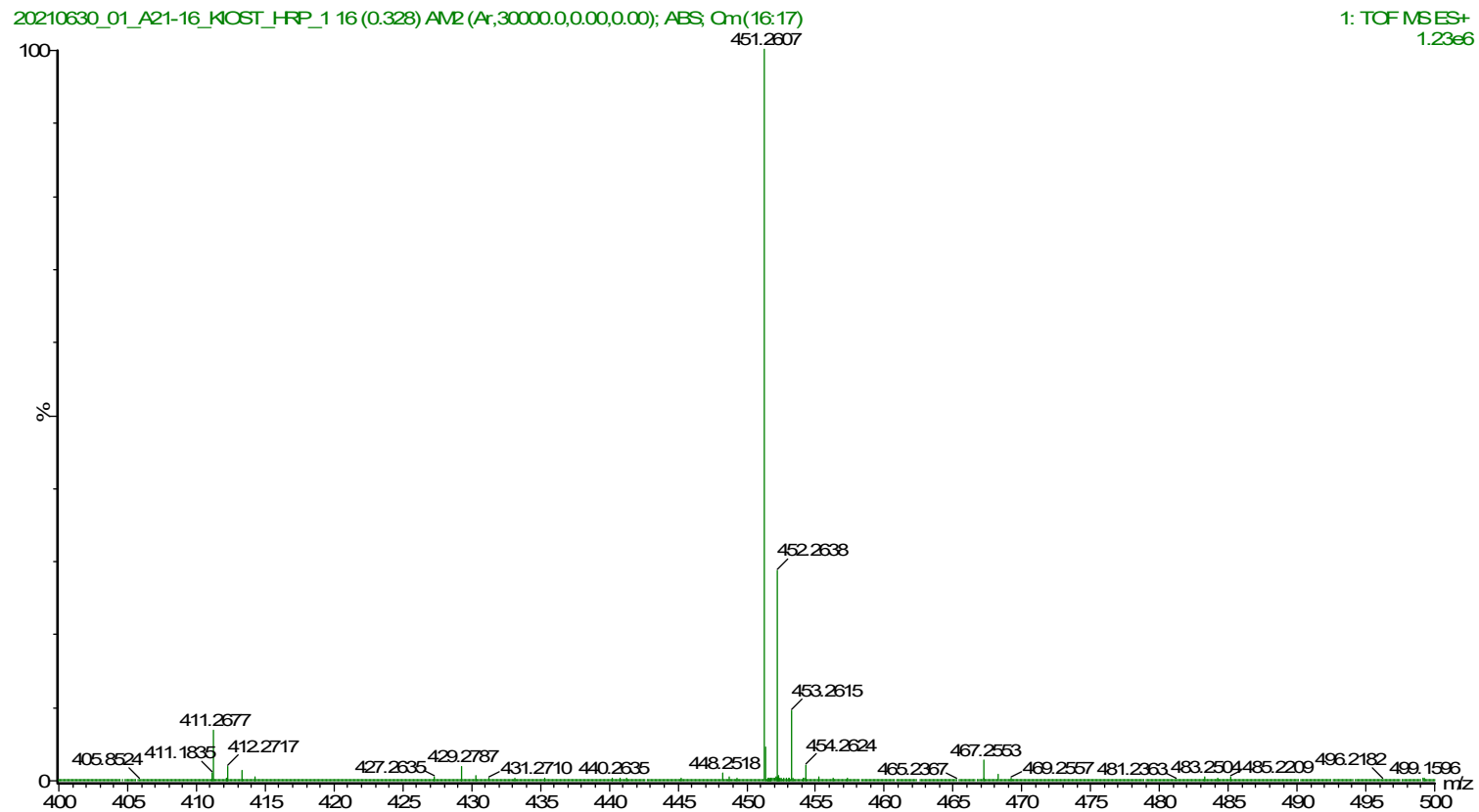


**Figure S12.** HMBC spectrum of **2**.





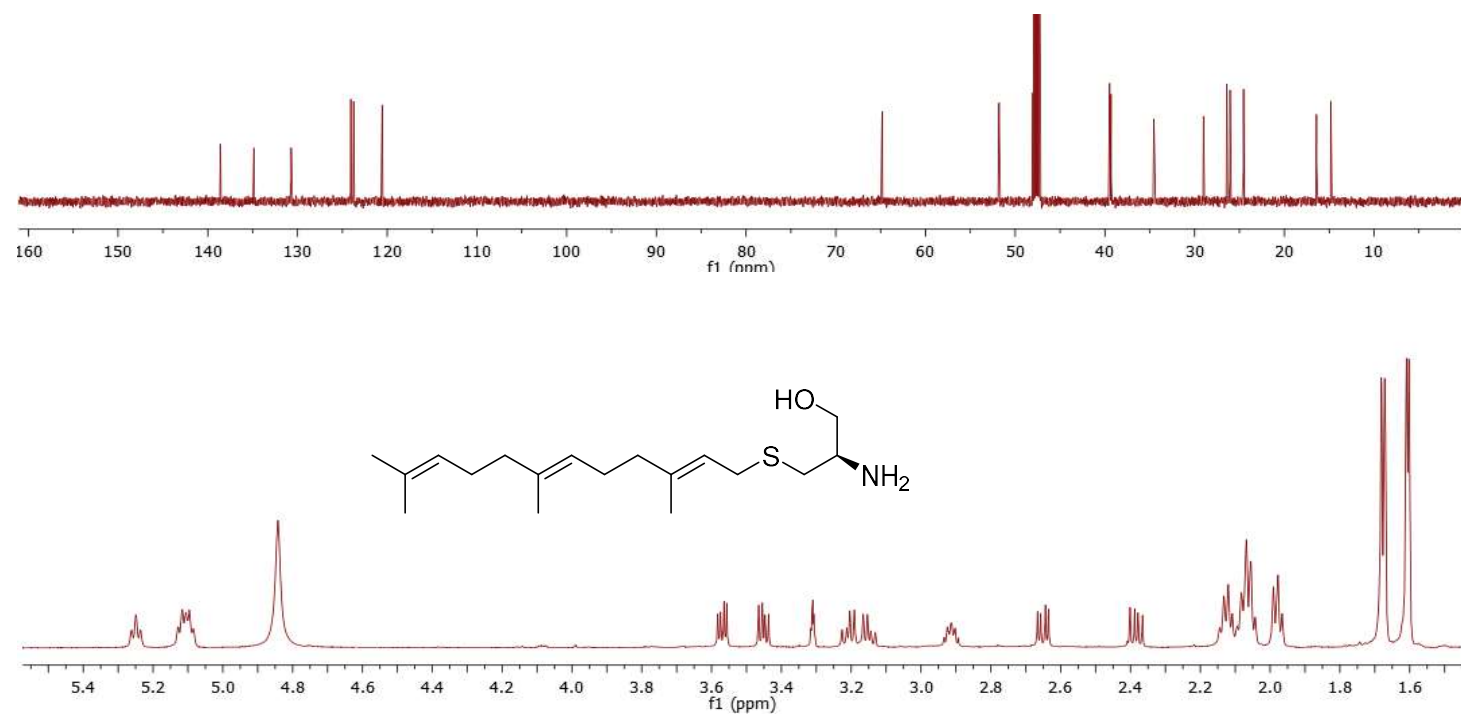
**Figure S14.** 1D NOESY spectrum of **2** (irradiated H<sub>3</sub>-24).



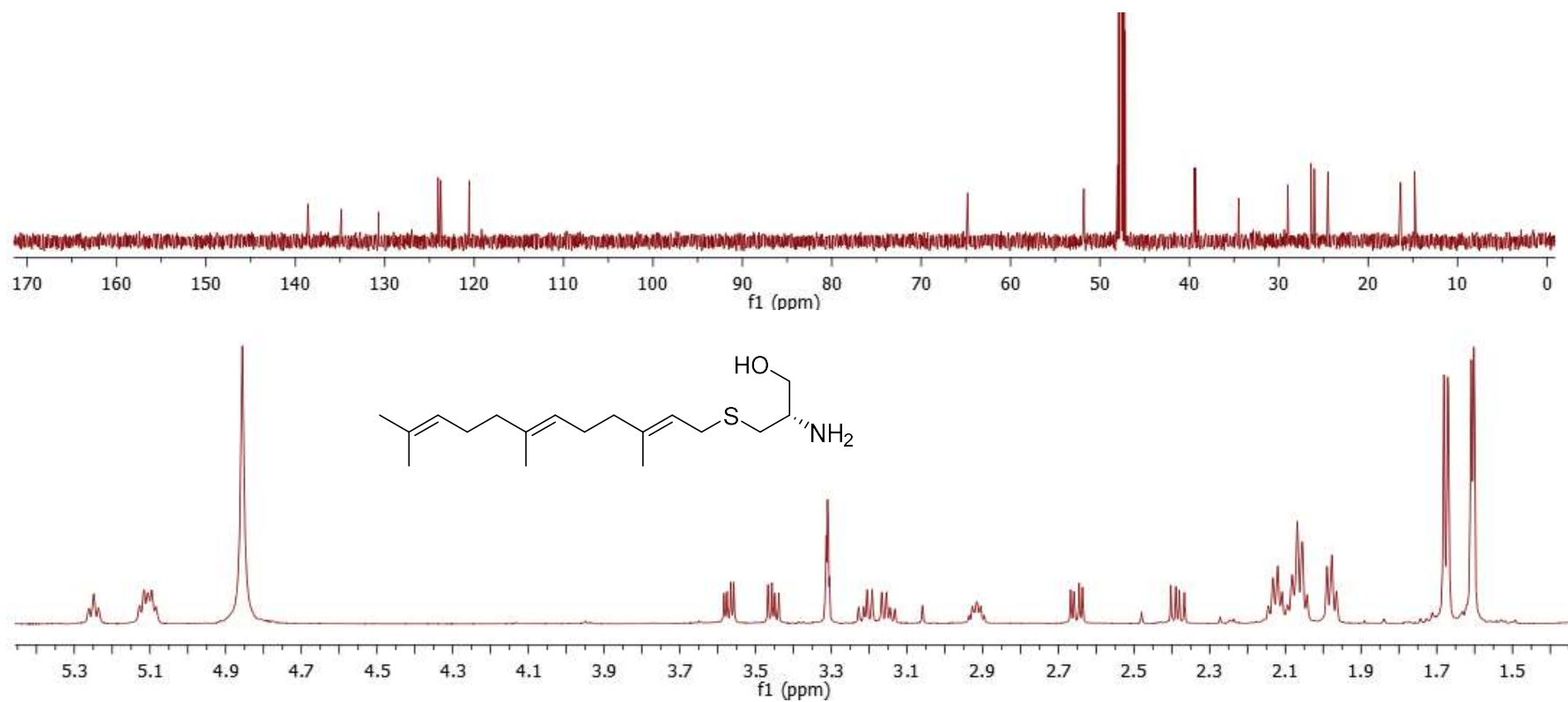
Minimum:				-5.0					
Maximum:		300.0	5.0	200.0					
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf(%)	Formula	
451.2607	451.2606	0.1	0.2	3.5	939.0	n/a	n/a	C22 H40 N2 O4 Na S	

**Figure S15.** HR-ESIMS data of **2**.

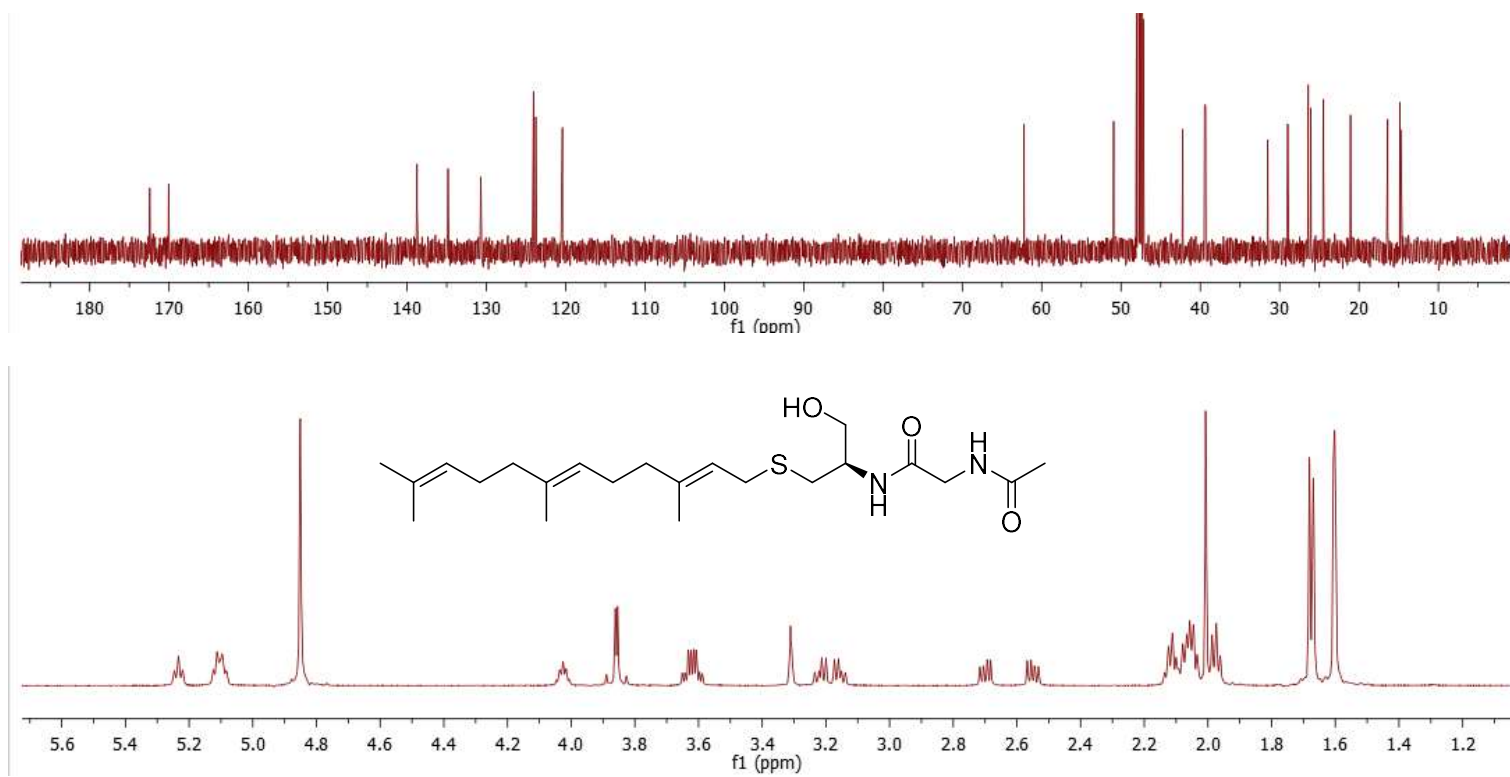




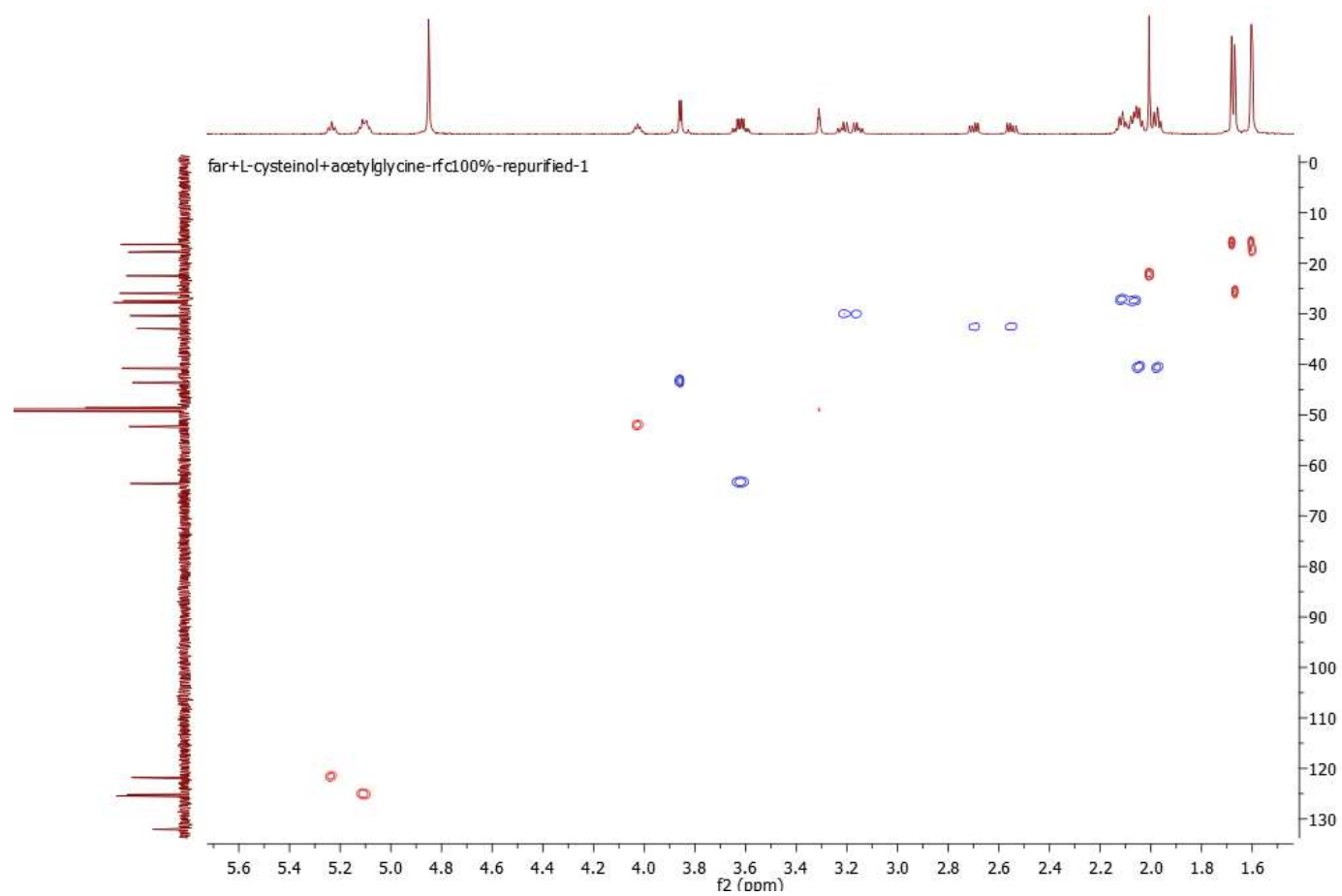
**Figure S16.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of **6**.



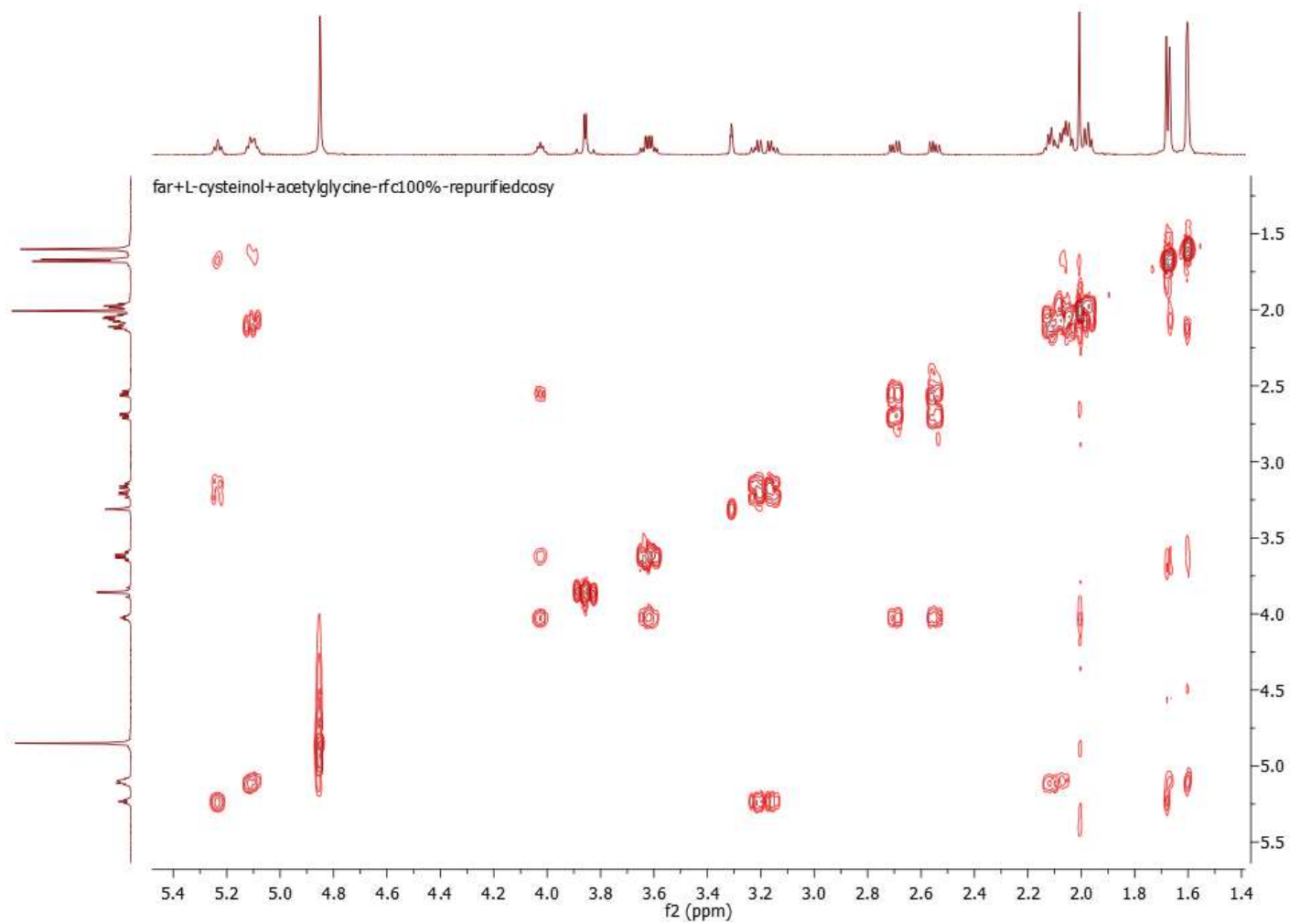
**Figure S17.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of **7**.



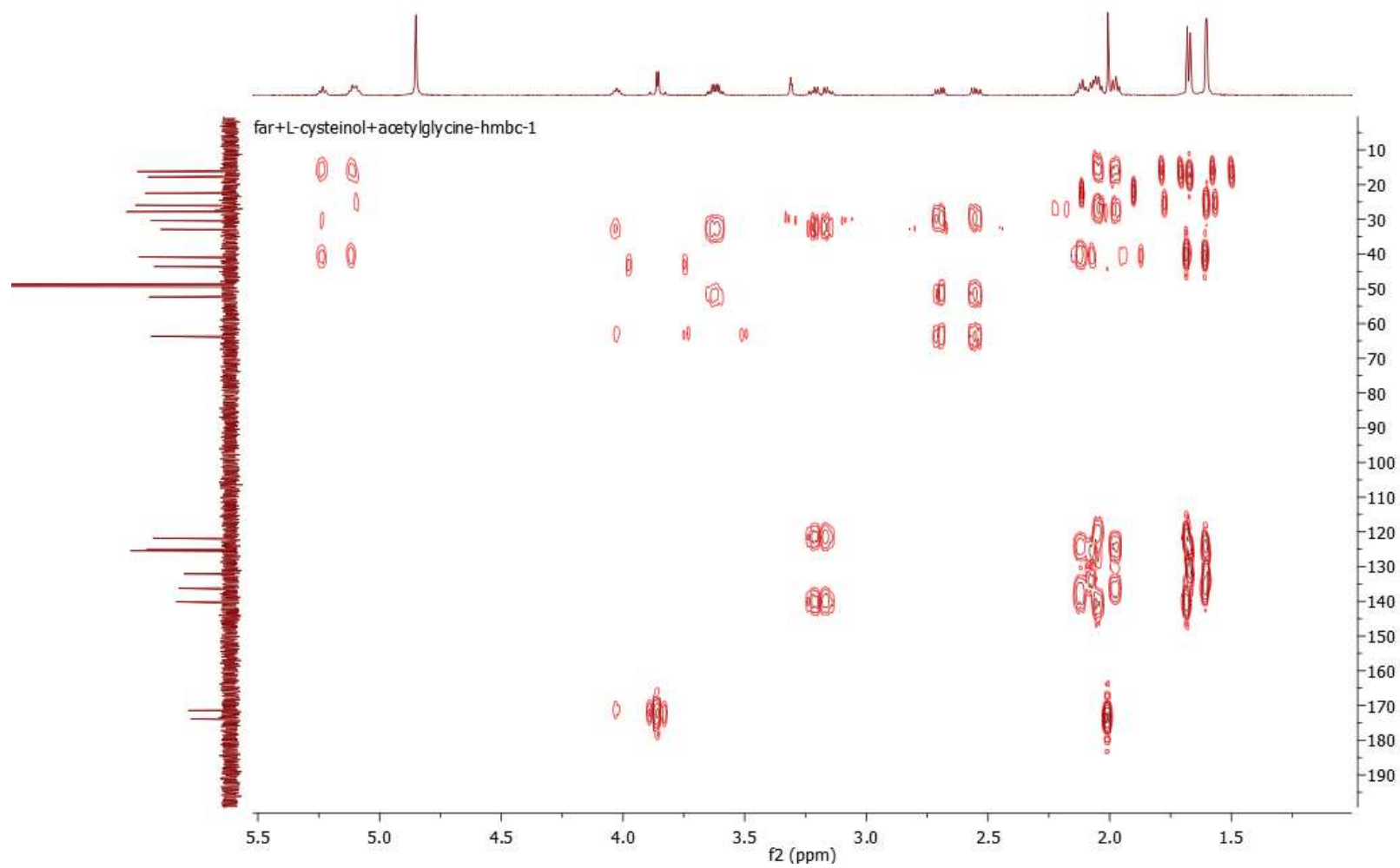
**Figure S18.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of **4**.



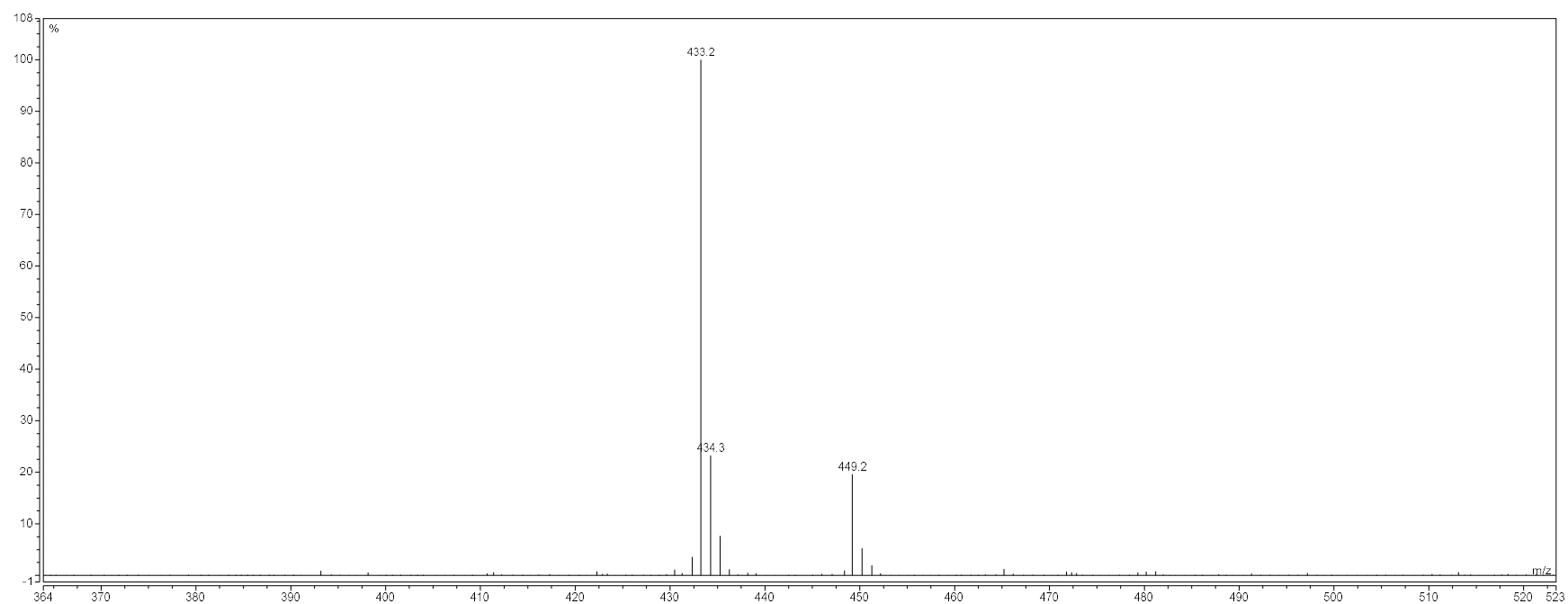
**Figure S19.** HSQC spectrum of **4**.



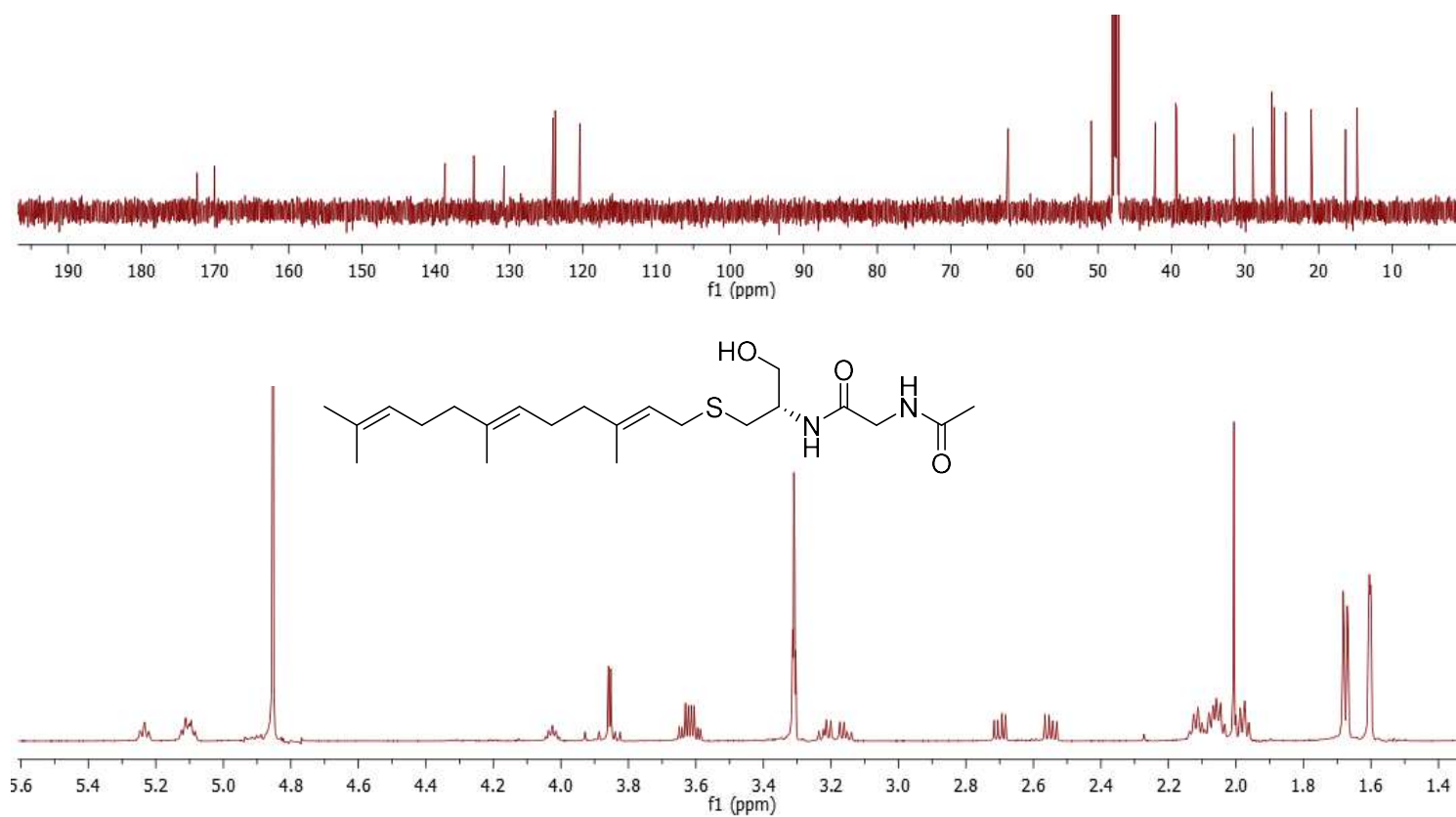
**Figure S20.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of **4**.



**Figure S21.** HMBC spectrum of **4**.

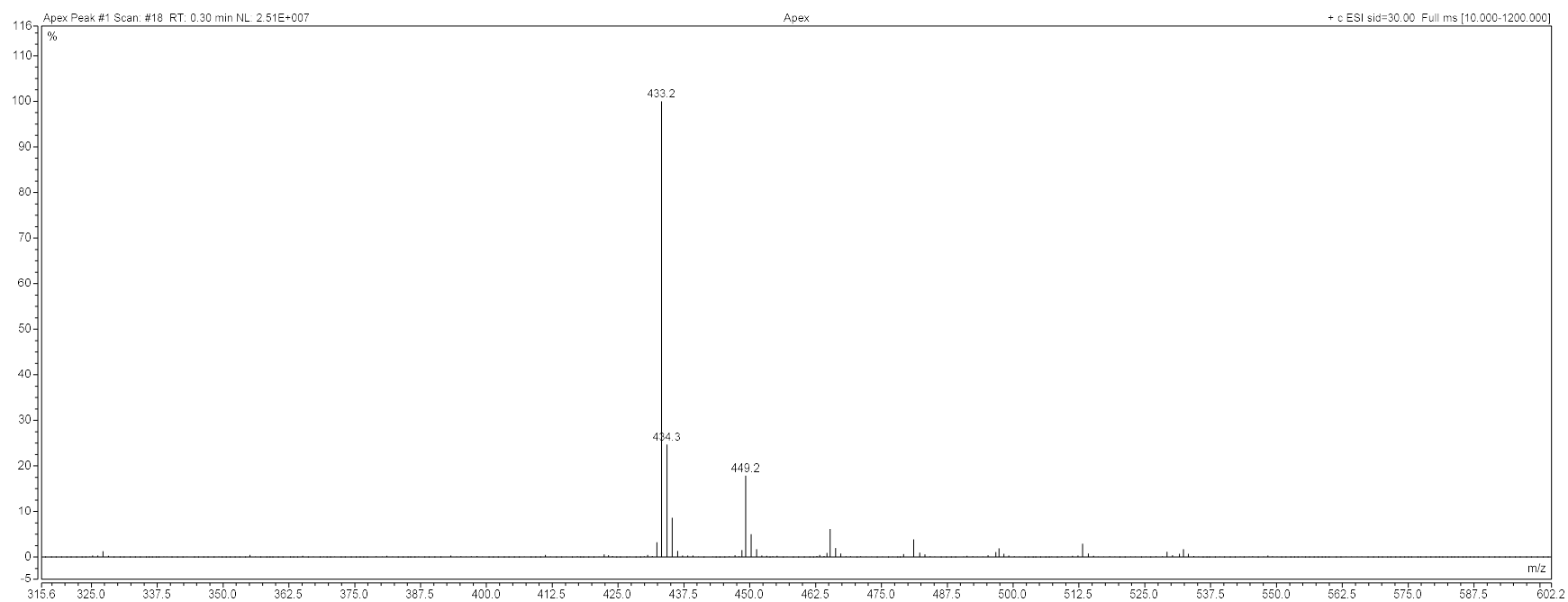


**Figure S22.** LC-ESIMS data of **4**.



**Figure S23.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of **5**.





**Figure S24.** LC-ESIMS data of **5**.