

## Supporting Information

*Rec. Nat. Prod.* 8:3 (2014) 290-293

### Mexicanolide- and Andirobine-type Limonoids from the Fruits of *Guarea kunthiana*

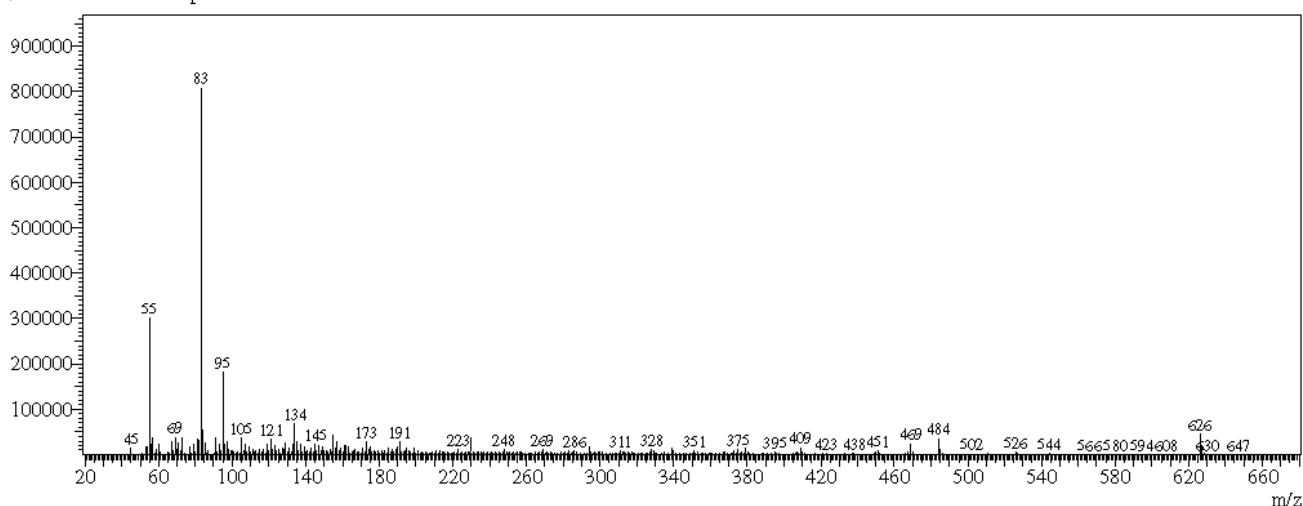
**Carlos Henrique Miguita, Ulana Chaves Sarmiento, Lidilhone Hamerski,  
Walmir Silva Garcez and Fernanda Rodrigues Garcez\***

*Center of Exact Sciences and Technology, Federal University of Mato Grosso do Sul, Av.  
Senador Filinto Müller 1555, Campo Grande, MS, 79074-460, Brazil*

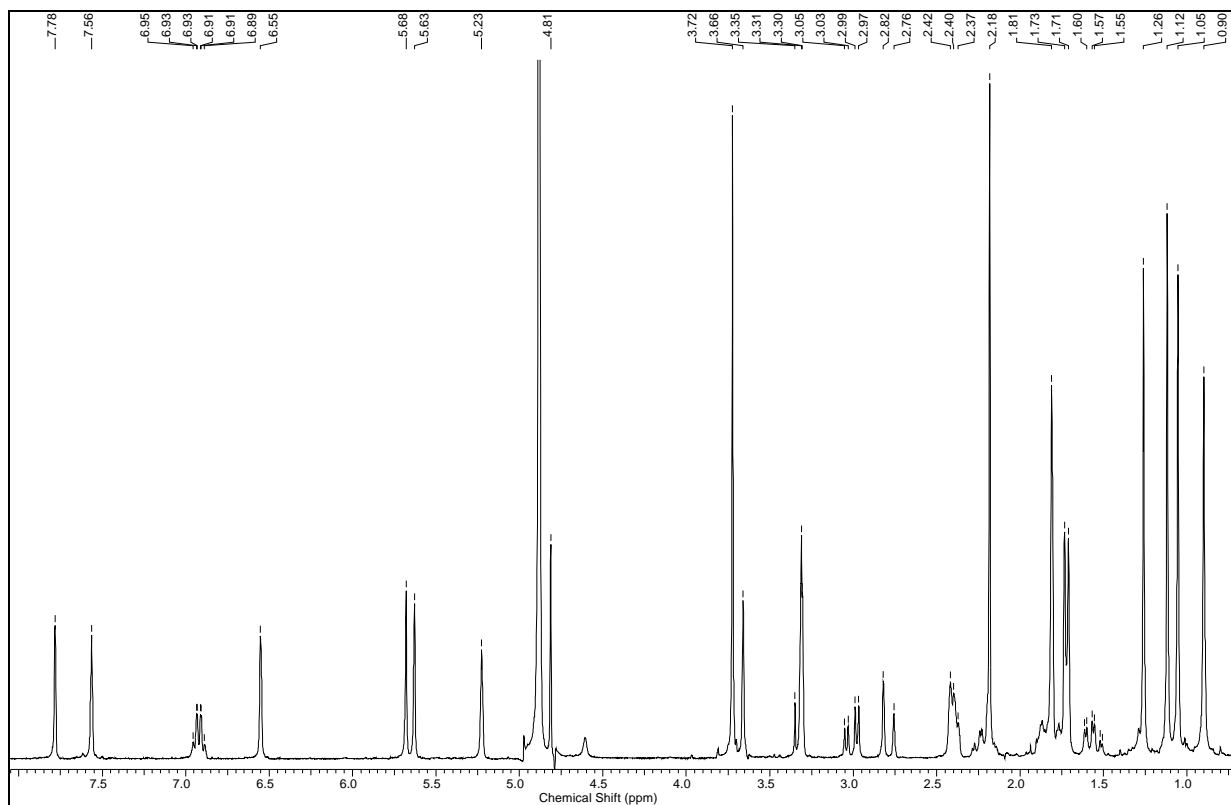
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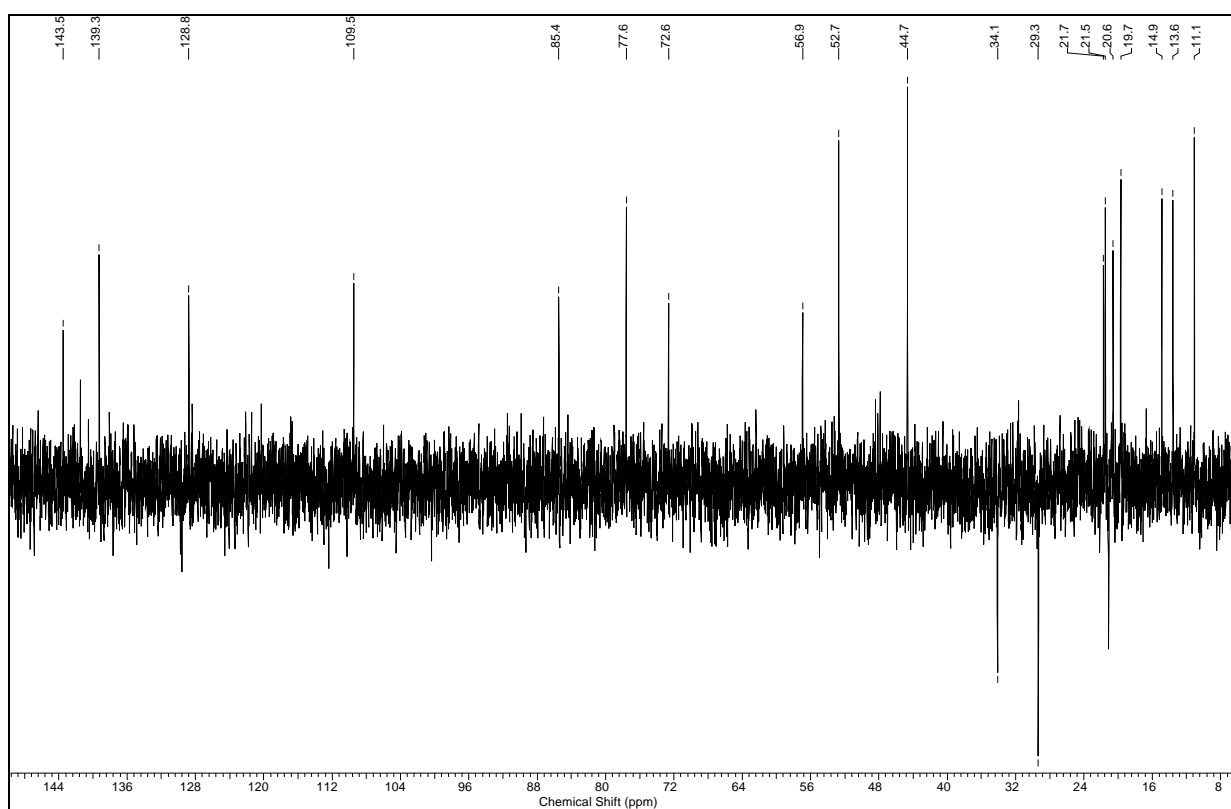
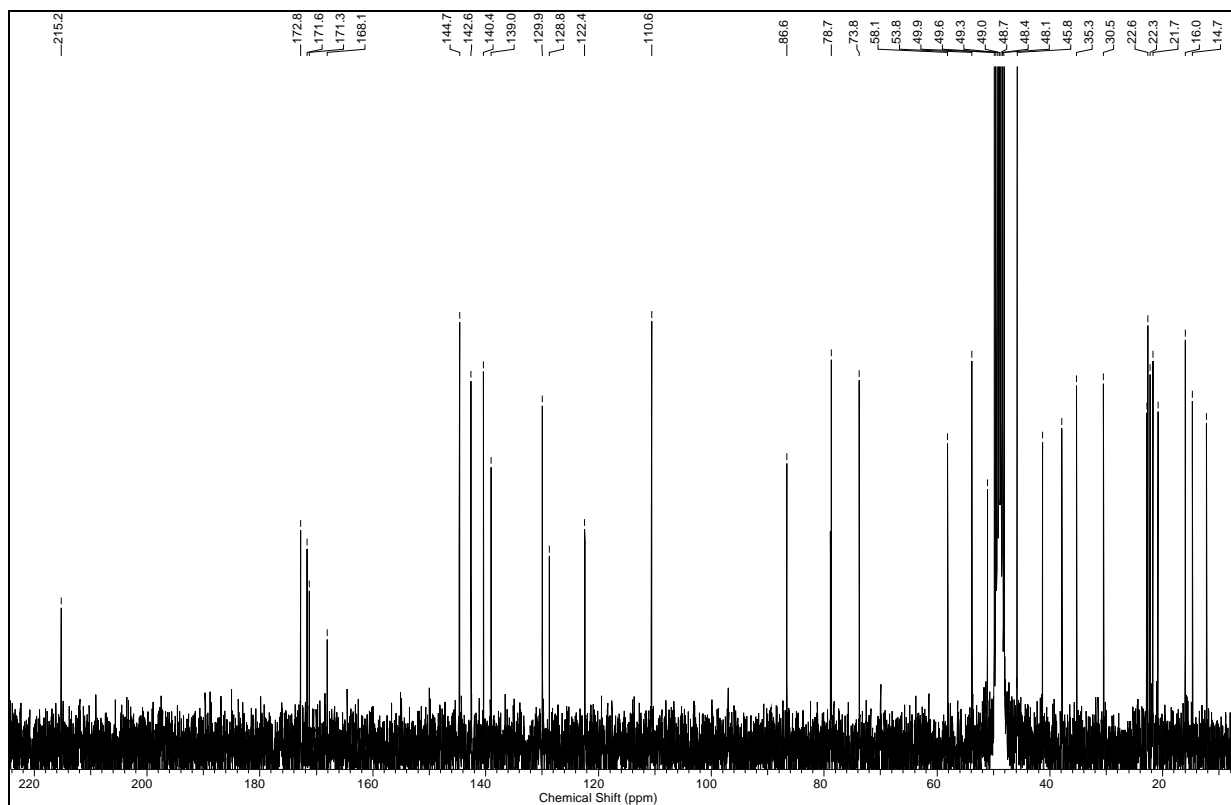
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BG Mode:None Group 1 - Event 1



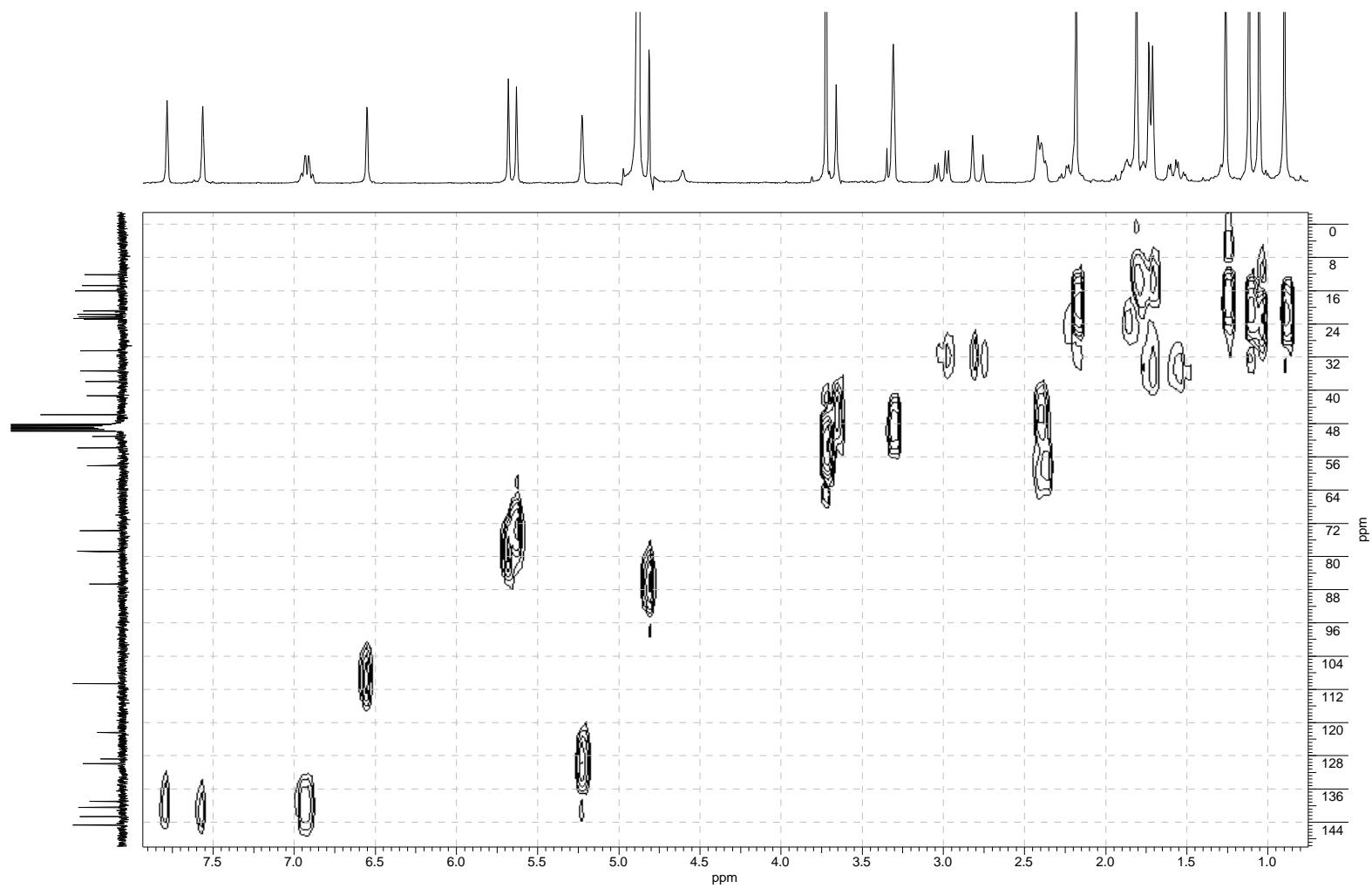
**S1:** EI-MS Spectrum of Compound **1** (humilinolide E)



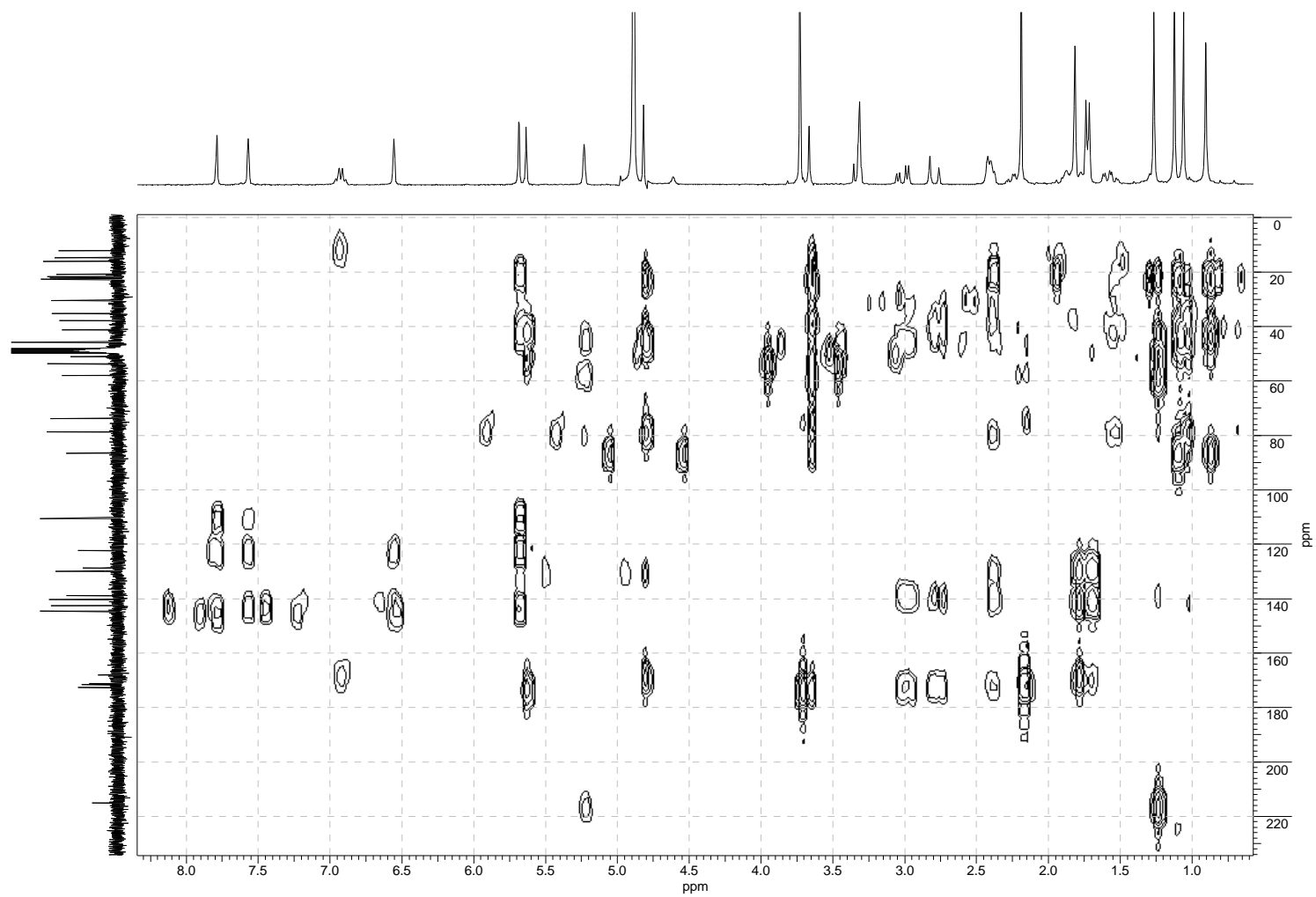
**S2:**  $^1\text{H-NMR}$  Spectrum of Compound 1 (humilinolide E)



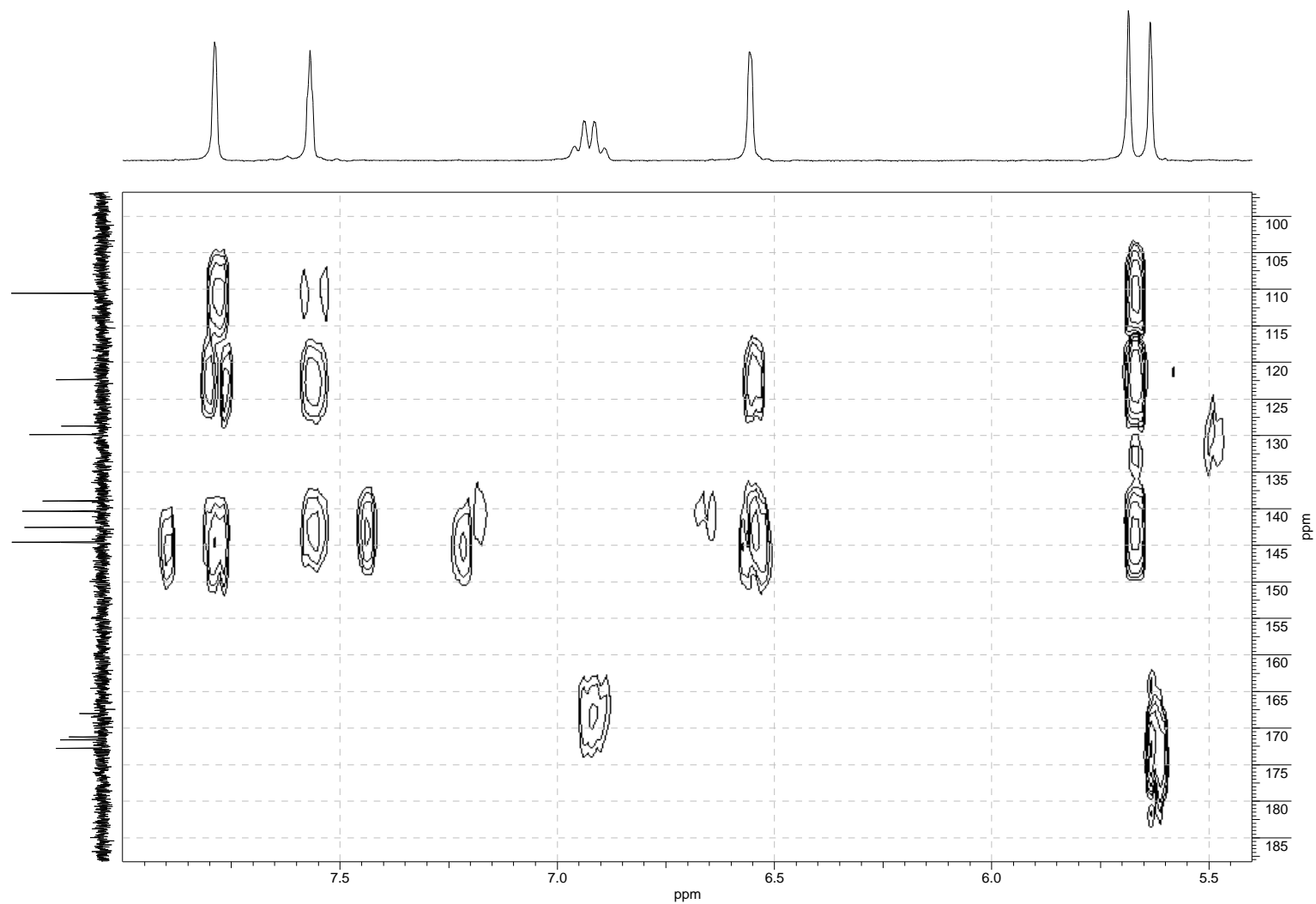
S3:  $^{13}\text{C}$ -NMR + DEPT Spectra of Compound 1 (humilinolide E)



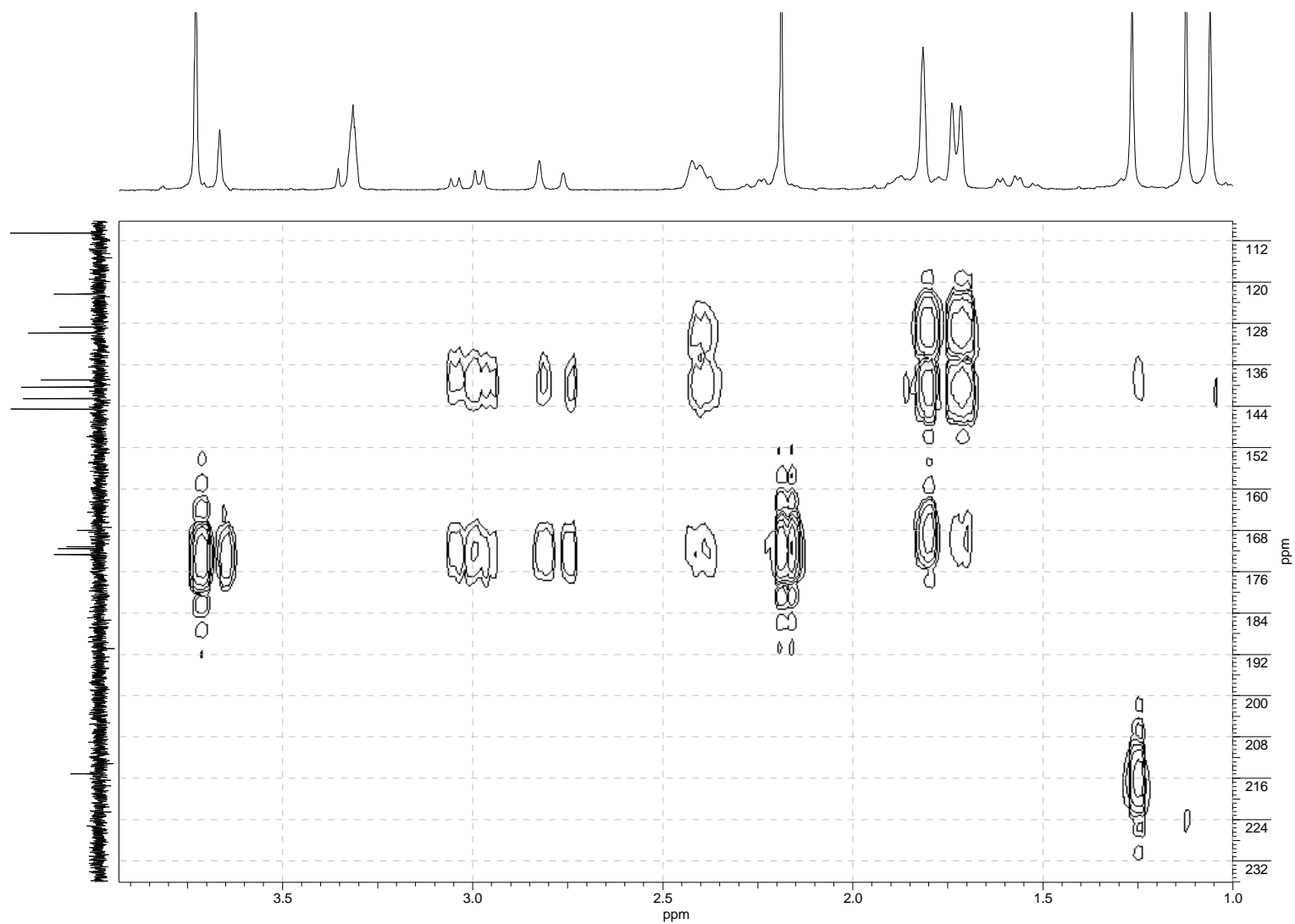
**S4:** HSQC Spectrum of Compound 1 (humilinolide E)



**S5:** HMBC Spectrum of Compound **1** (humilinolide E)



**S6:** Expansion of the HMBC Spectrum of Compound **1** (humilinolide E)



**S7:** Expansion of the HMBC Spectrum of Compound **1** (humilinolide E)

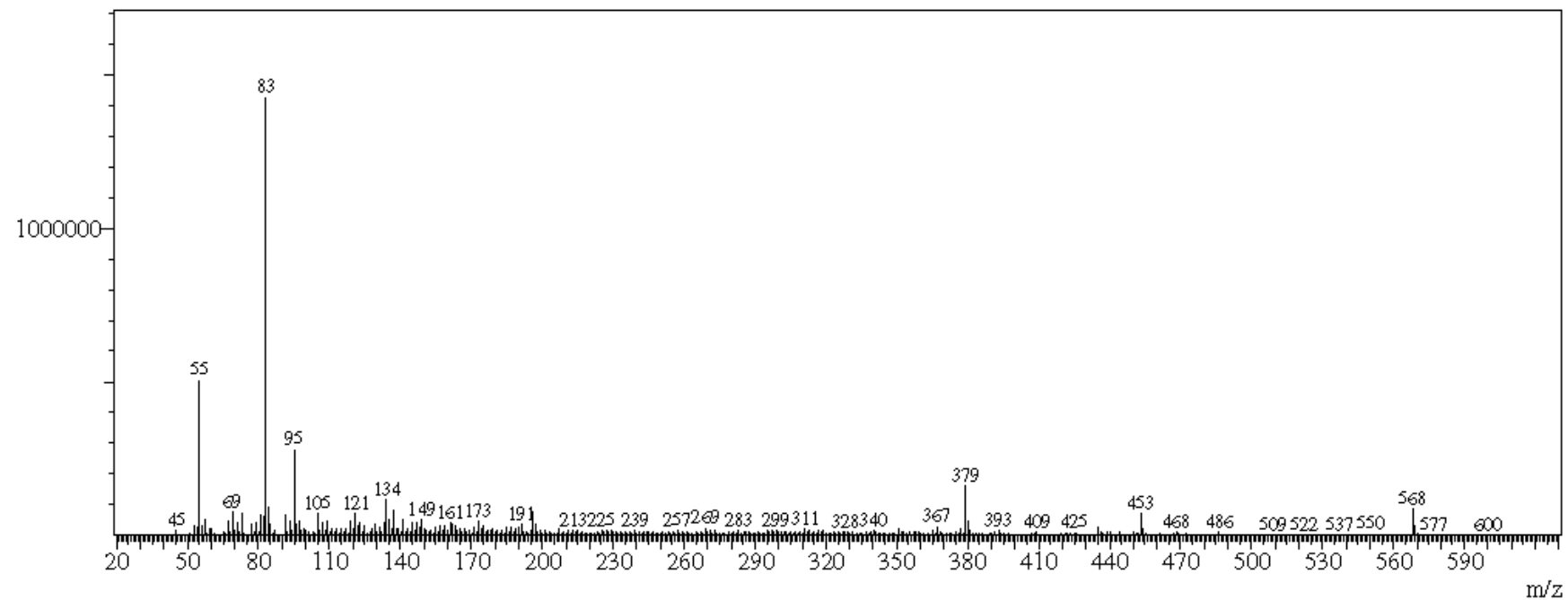


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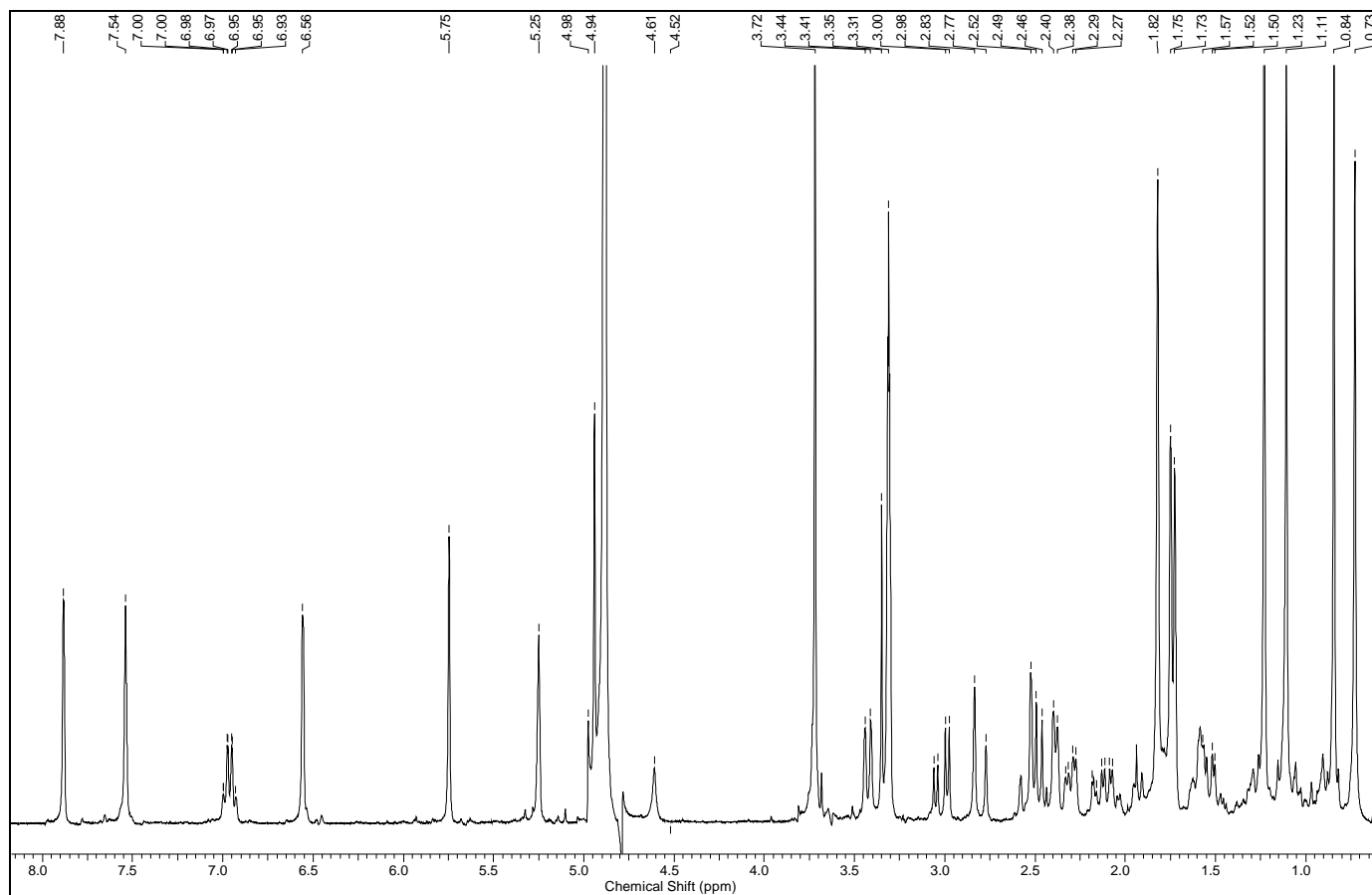
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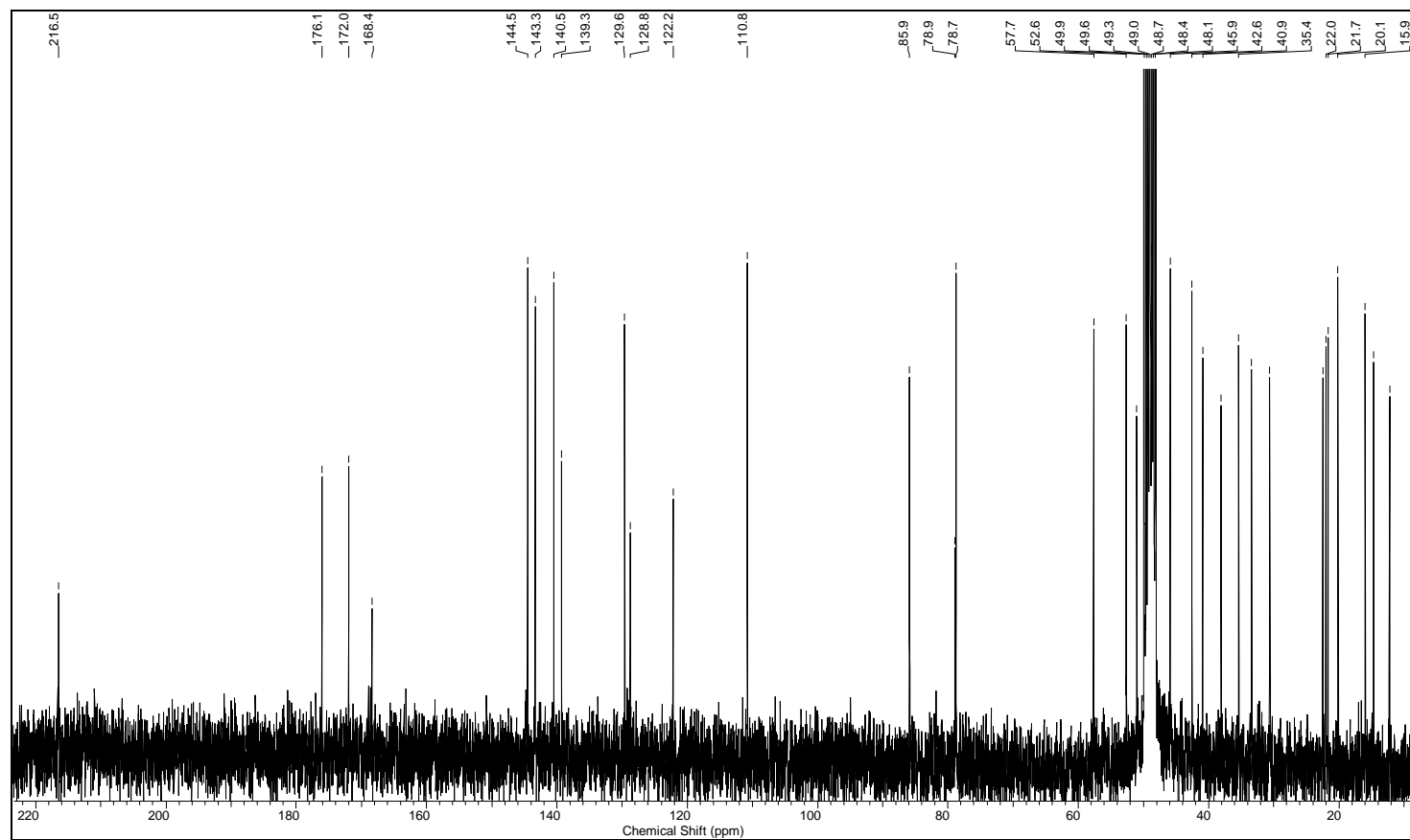
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**S8:** EI-MS Spectrum of Compound 2 (2-hydroxy-6-deoxyswietenine)

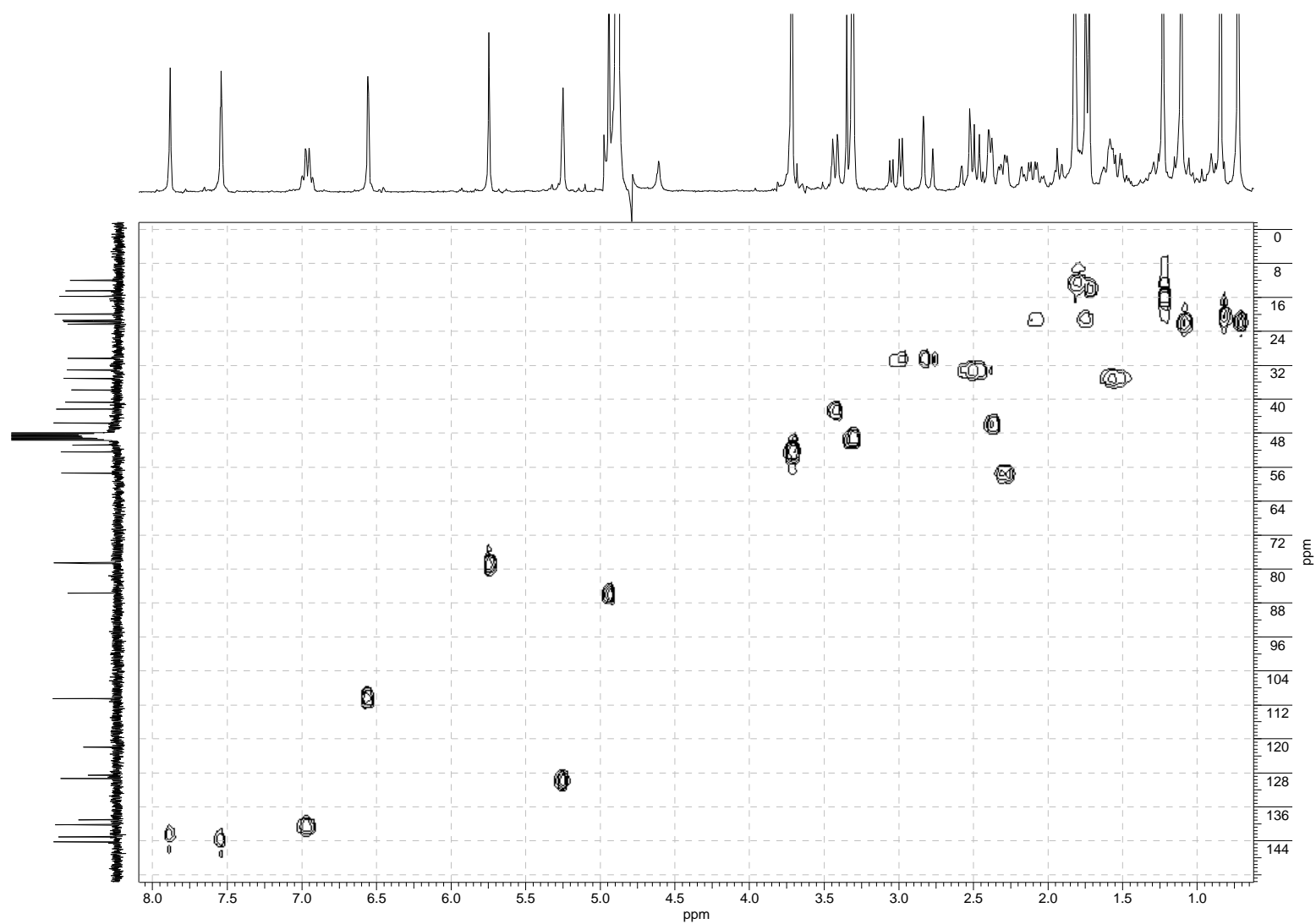


**S9:** <sup>1</sup>H-NMR Spectrum of Compound 2 (2-hydroxy-6-deoxyswietenine)

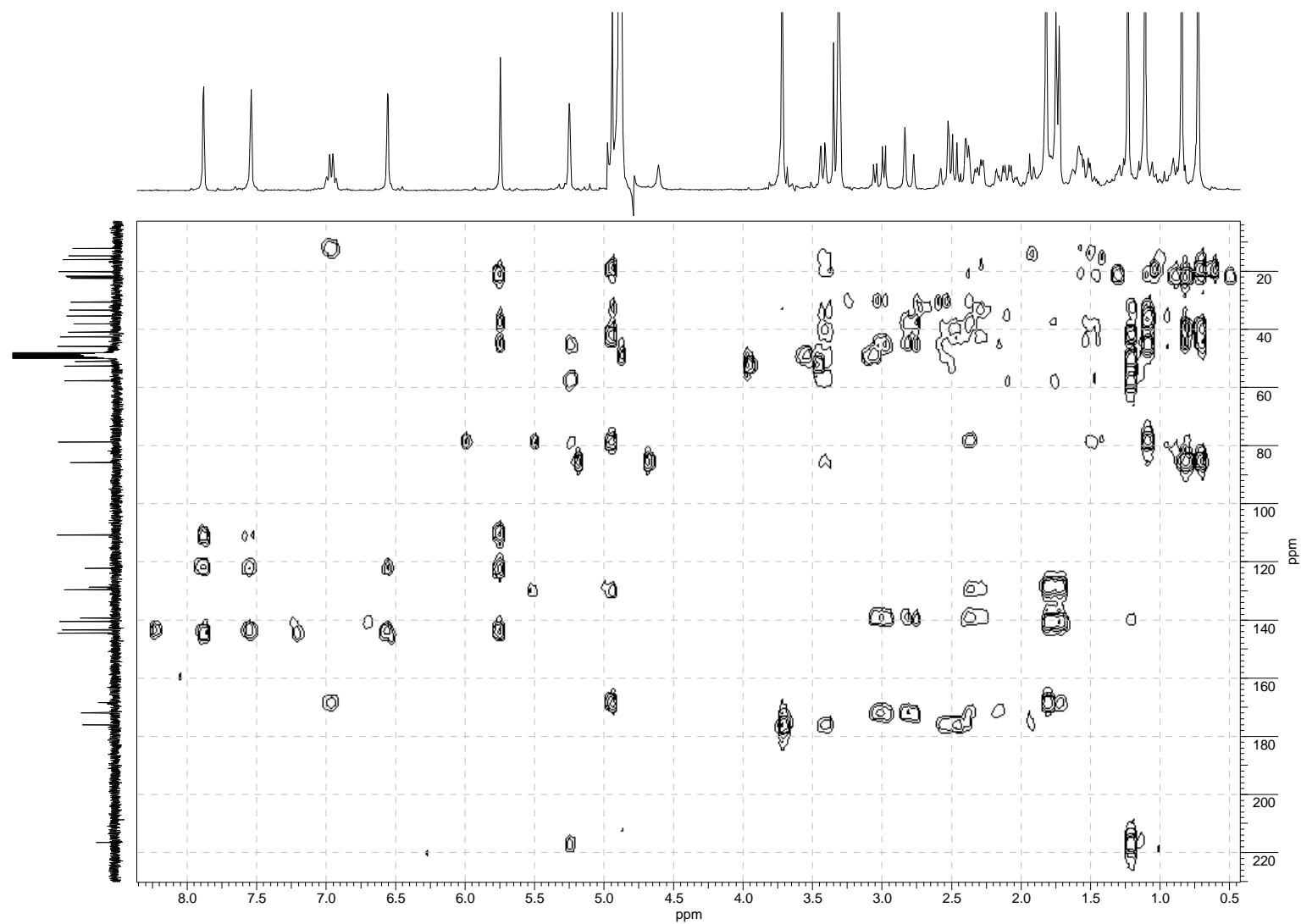


**S10:**  $^{13}\text{C}$ -NMR Spectrum of Compound 2 (2-hydroxy-6-deoxyswietenine)

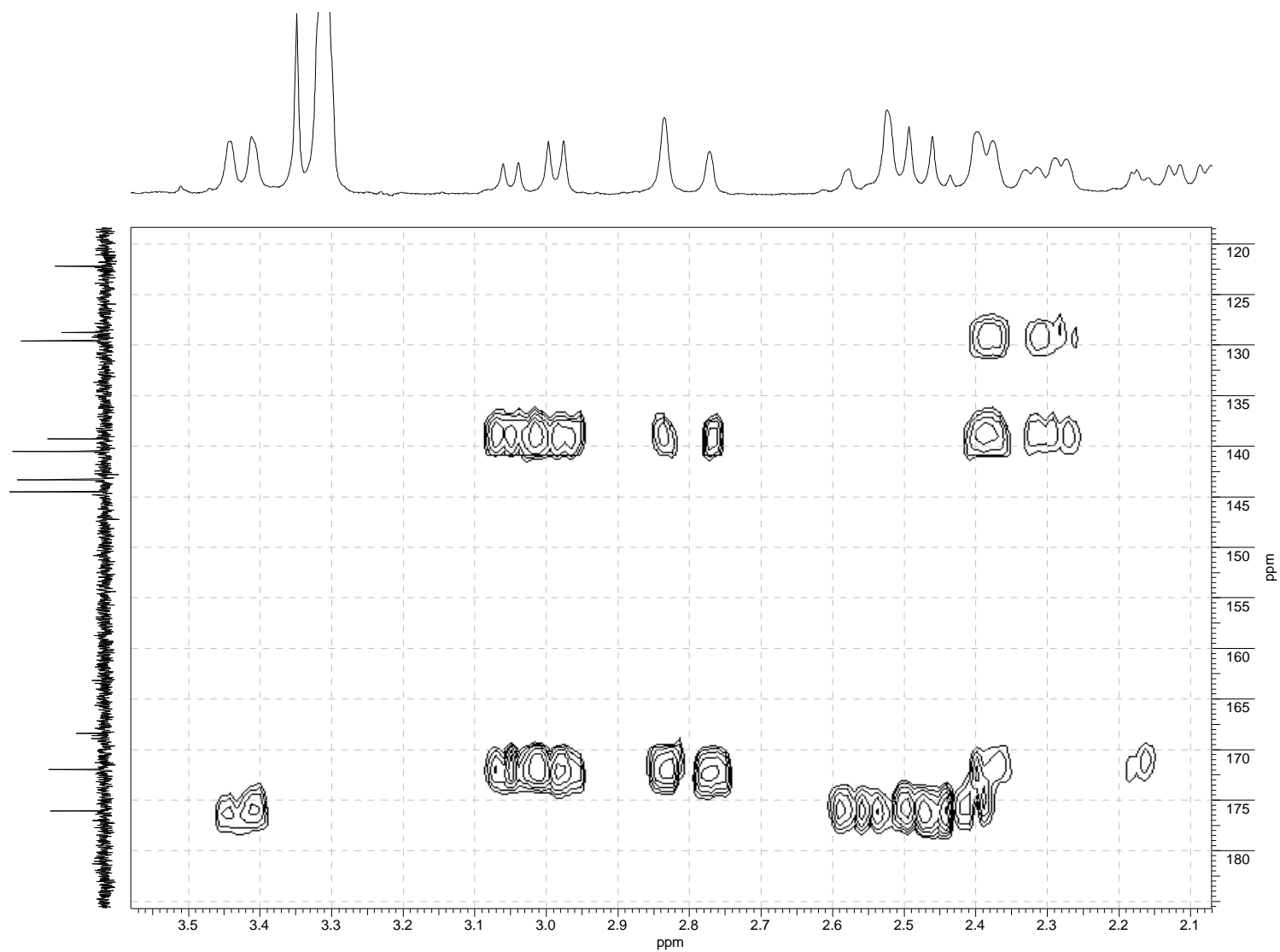




**S11:** HSQC Spectrum of Compound **2** (2-hydroxy-6-deoxyswietenine)

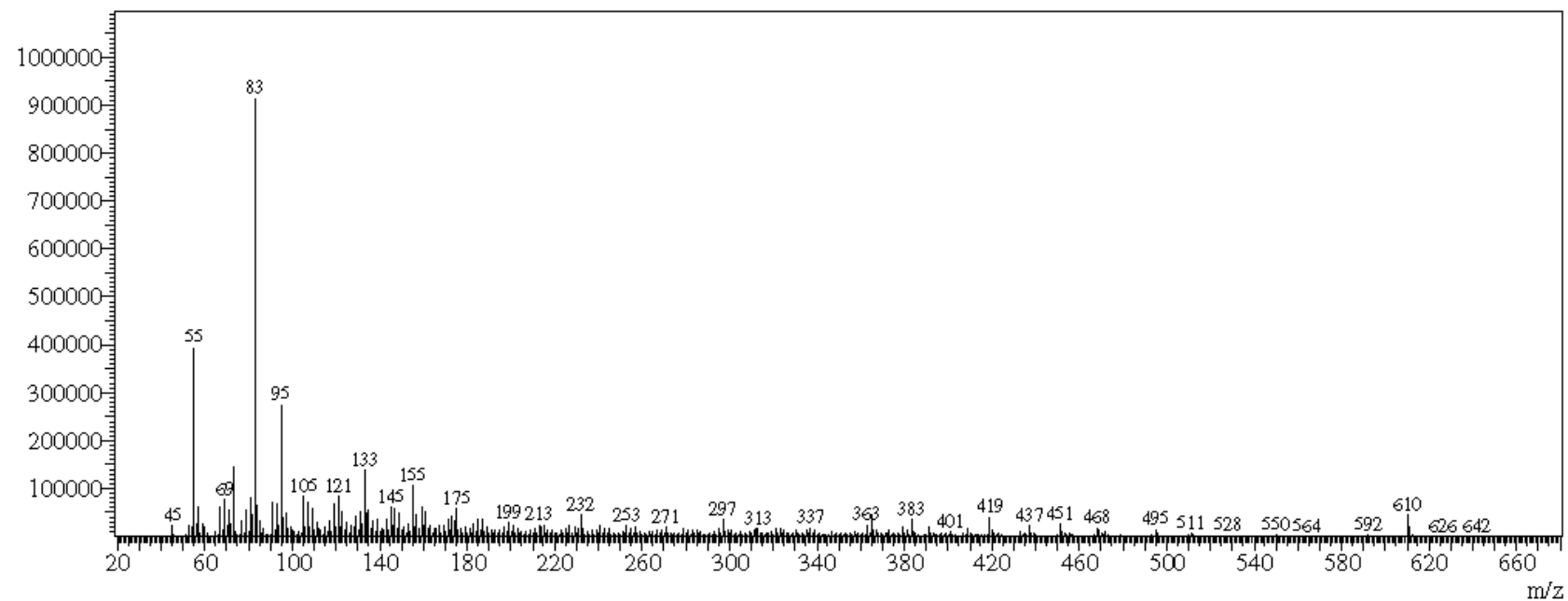


**S12: HMBC (75 MHz) Spectrum of Compound 2 (2-hydroxy-6-deoxyswietenine)**



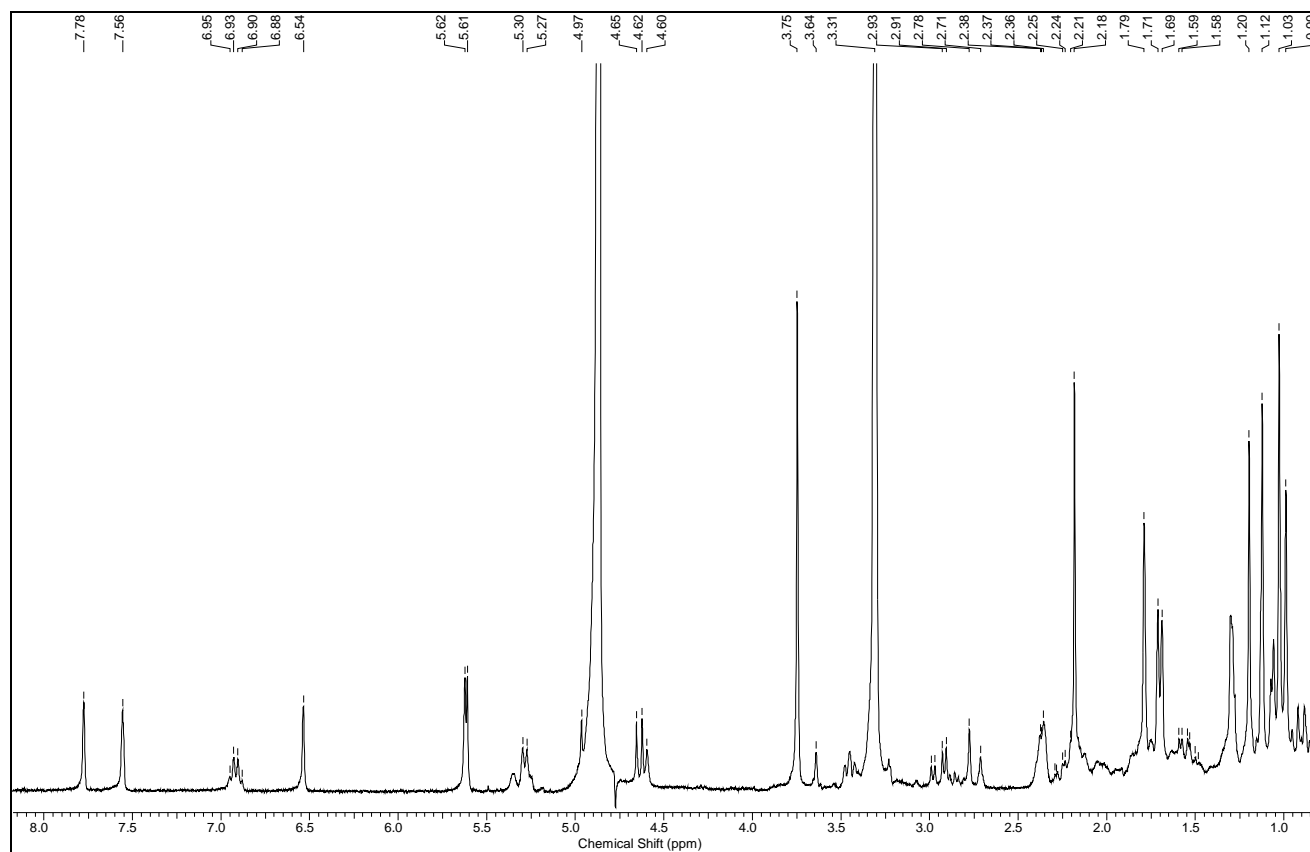
**S13:** Expansion of the HMBC Spectrum of Compound **2** (2-hydroxy-6-deoxyswietenine)

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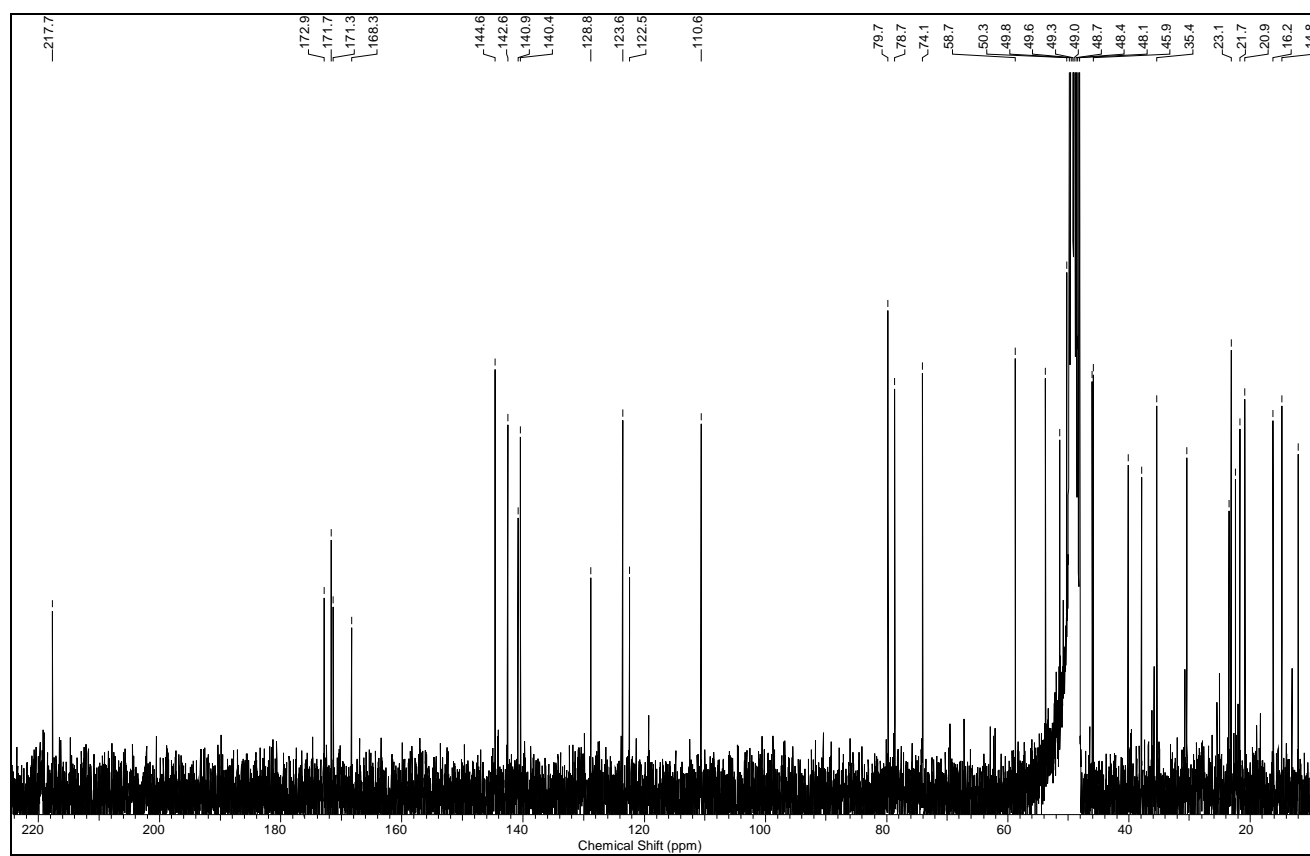


**S14:** EI-MS Spectrum of Compound **3** (swietenine acetate)

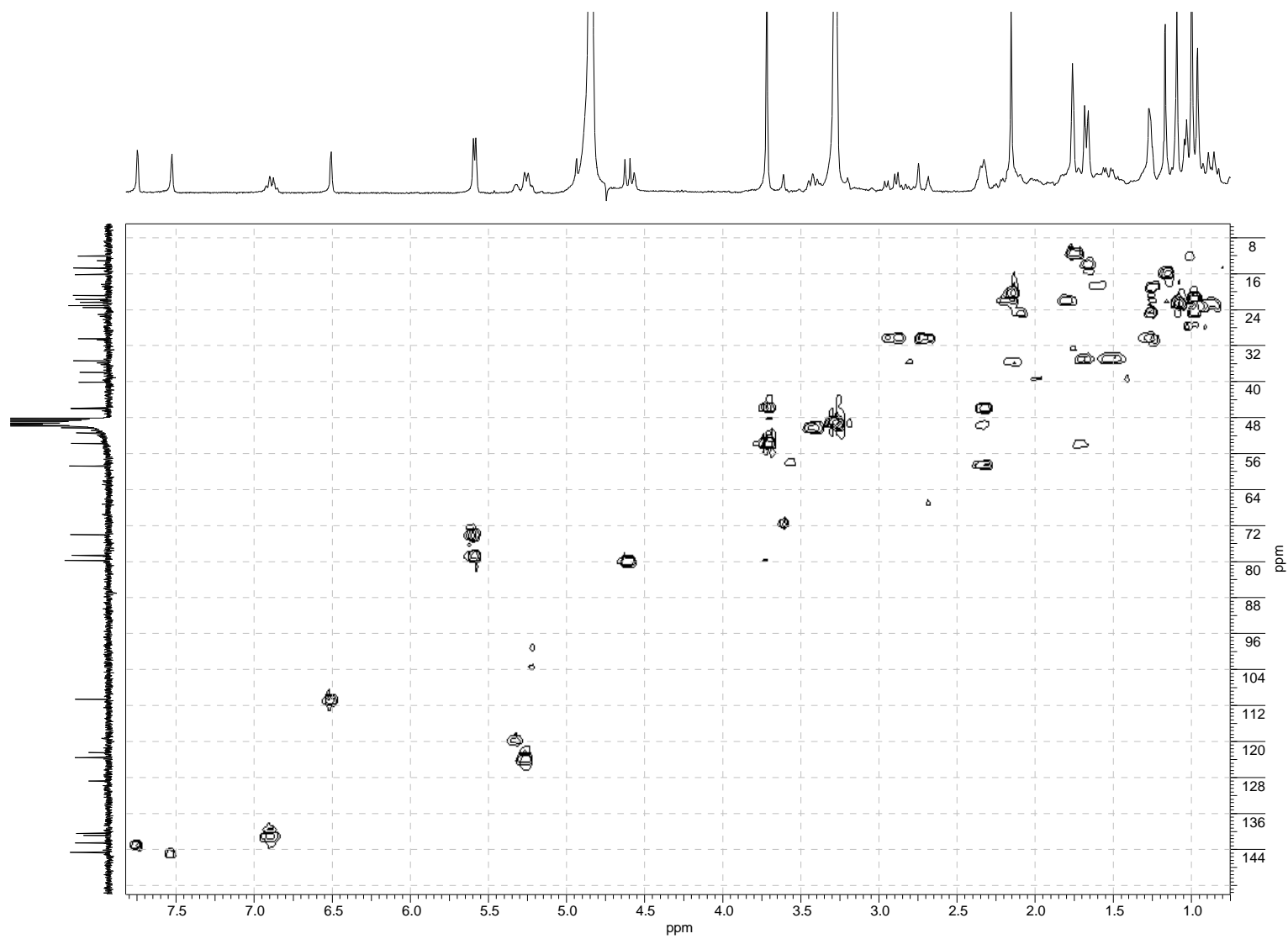




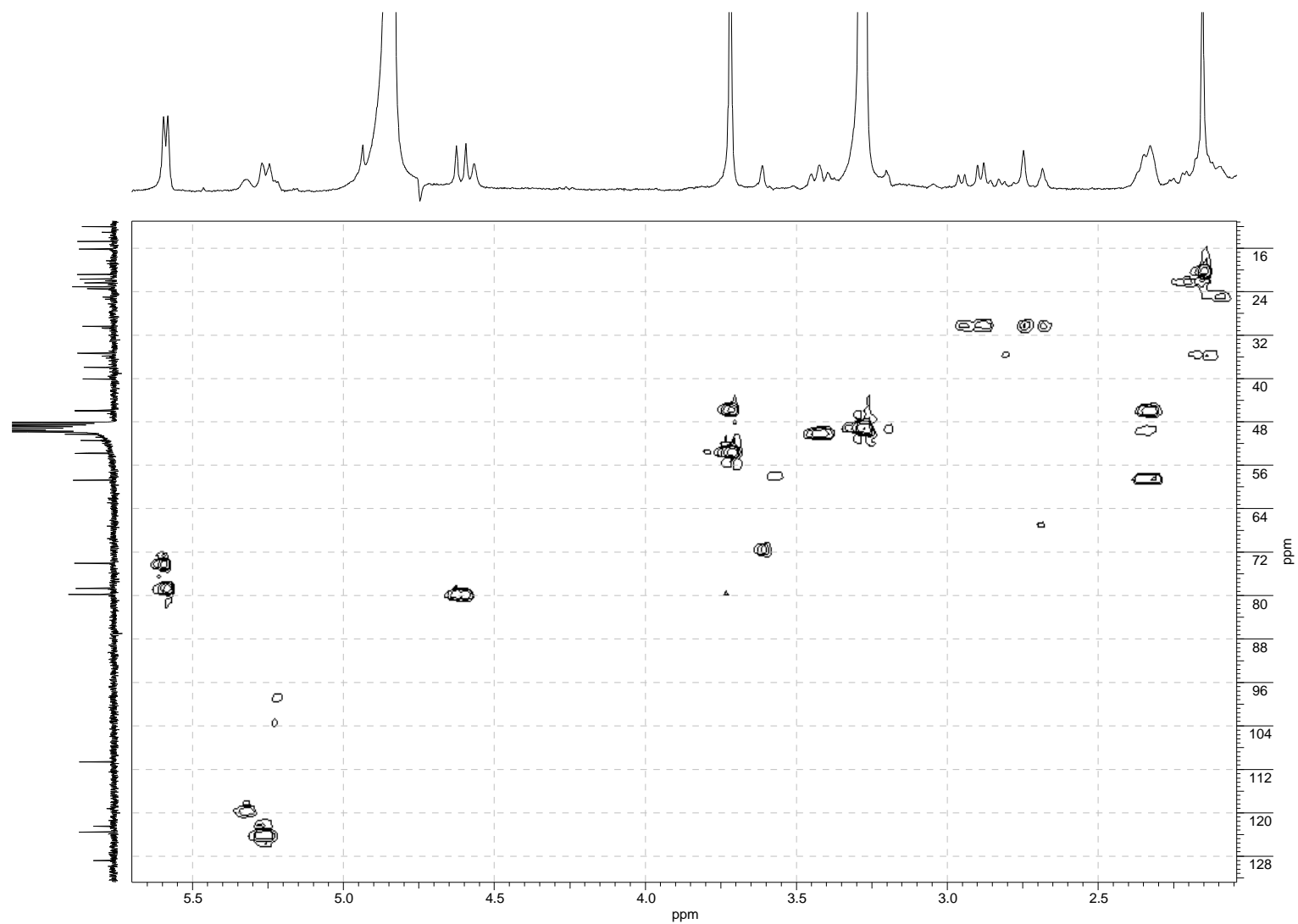
**S15:**  $^1\text{H-NMR}$  Spectrum of Compound 3 (swietenine acetate)



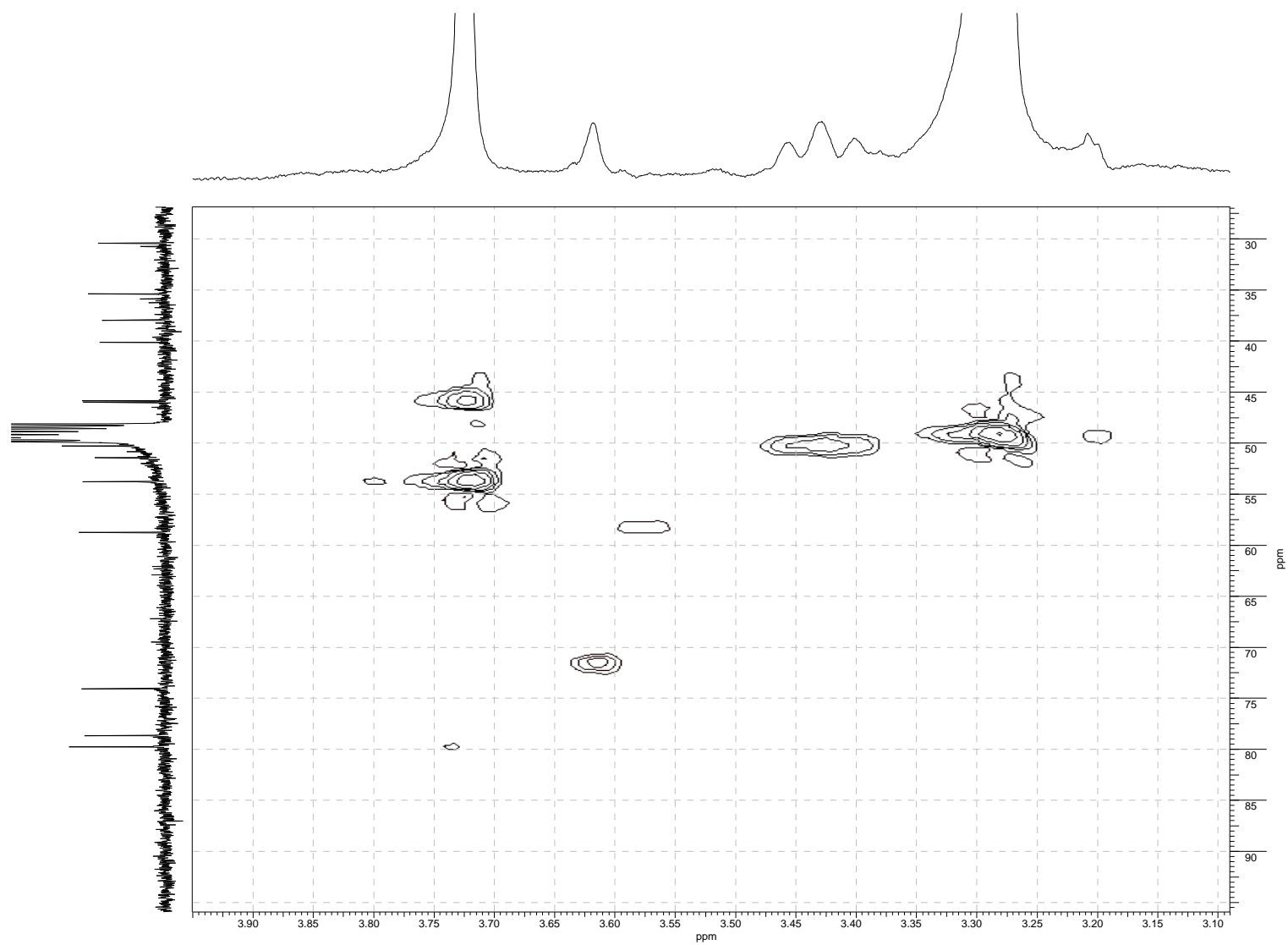
**S16:**  $^{13}\text{C}$ -NMR Spectrum of Compound **3** (swietenine acetate)



**S17:** HSQC Spectrum of Compound 3 (swietenine acetate)

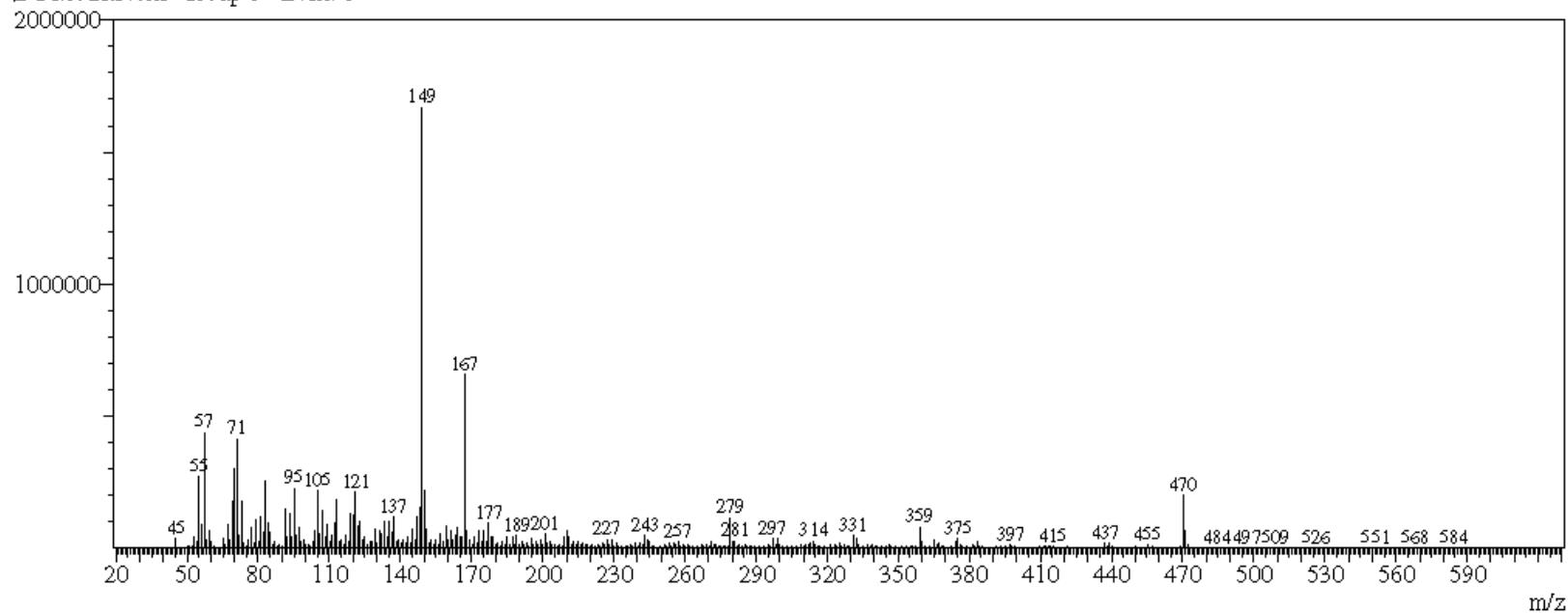


**S18:** Expansion of the HSQC Spectrum of Compound 3 (swietenine acetate)

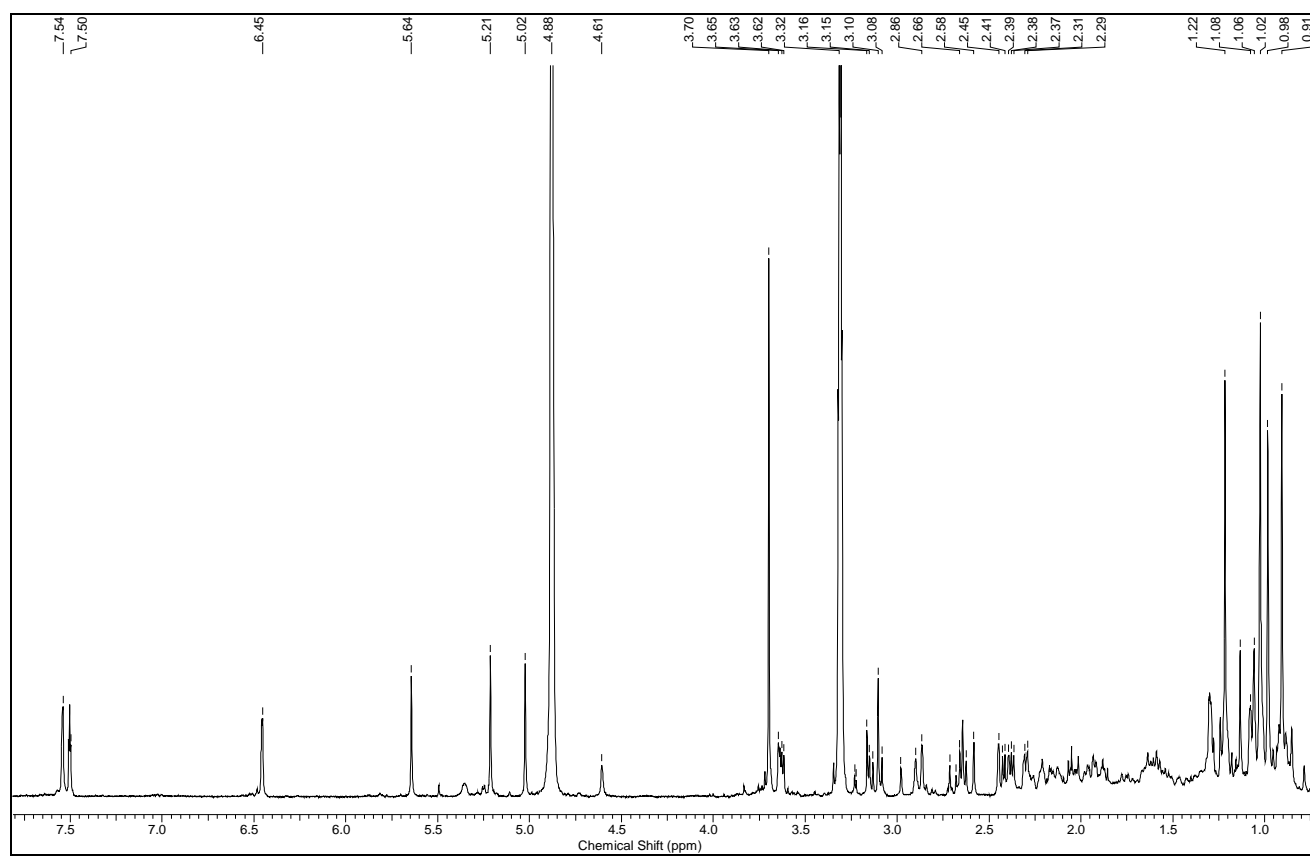


**S19:** Expansion of the HSQC Spectrum of Compound 3 (swietenine acetate)

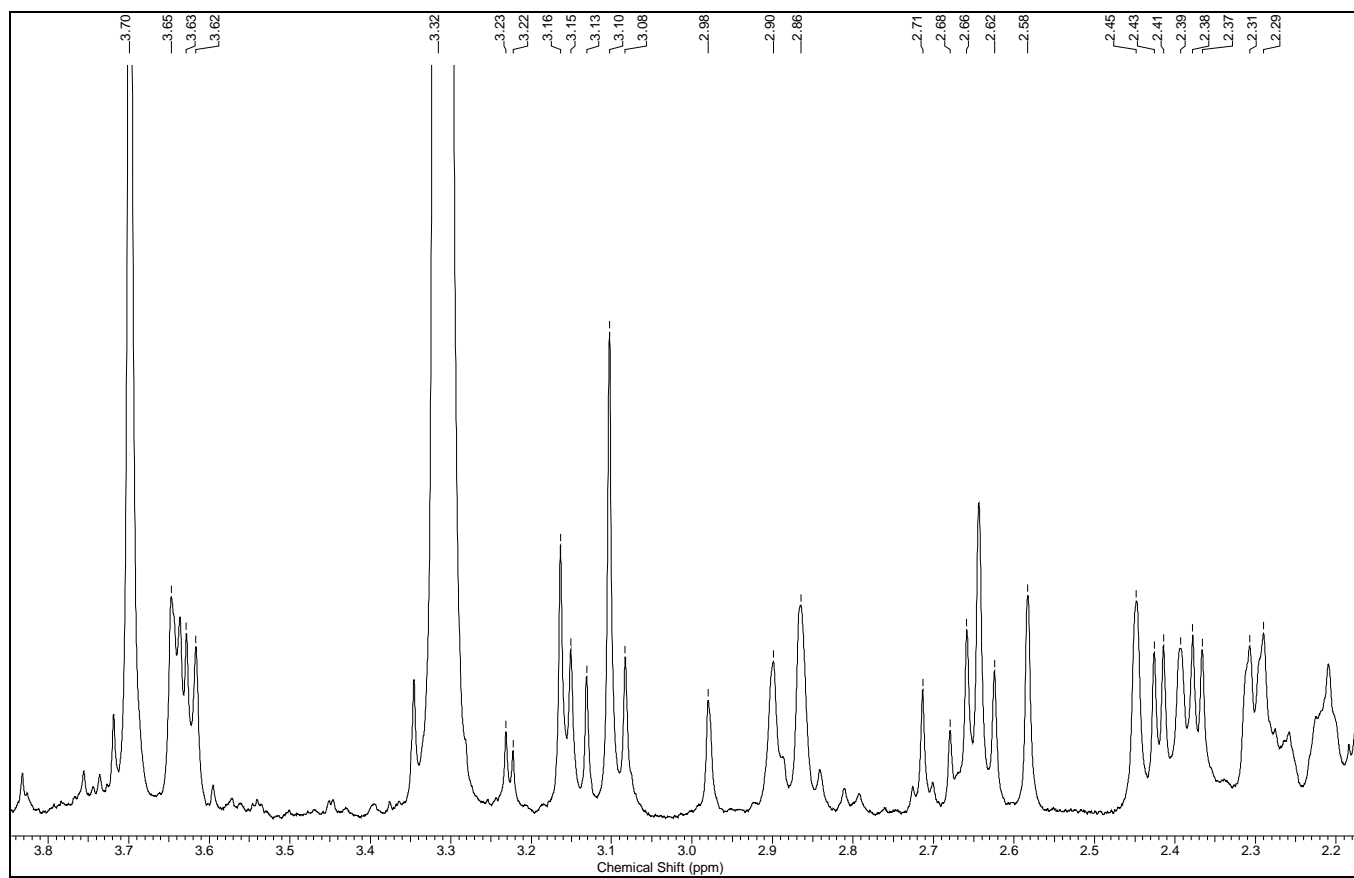
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BG Mode:None Group 1 - Event 1



**S20:** EI-MS Spectrum of Compound **4** (methyl angolensate)

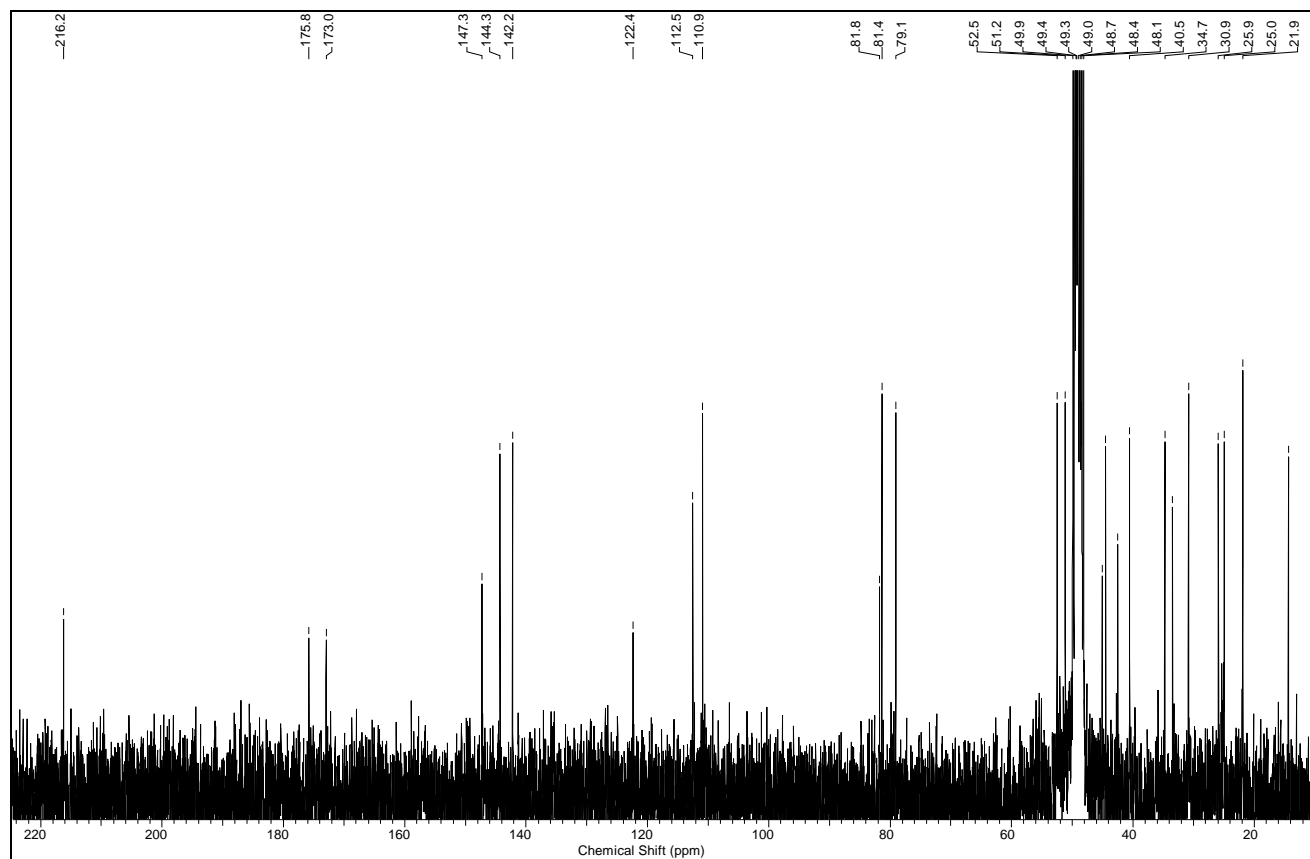


**S21:**  $^1\text{H-NMR}$  Spectrum of Compound **4** (methyl angolensate)

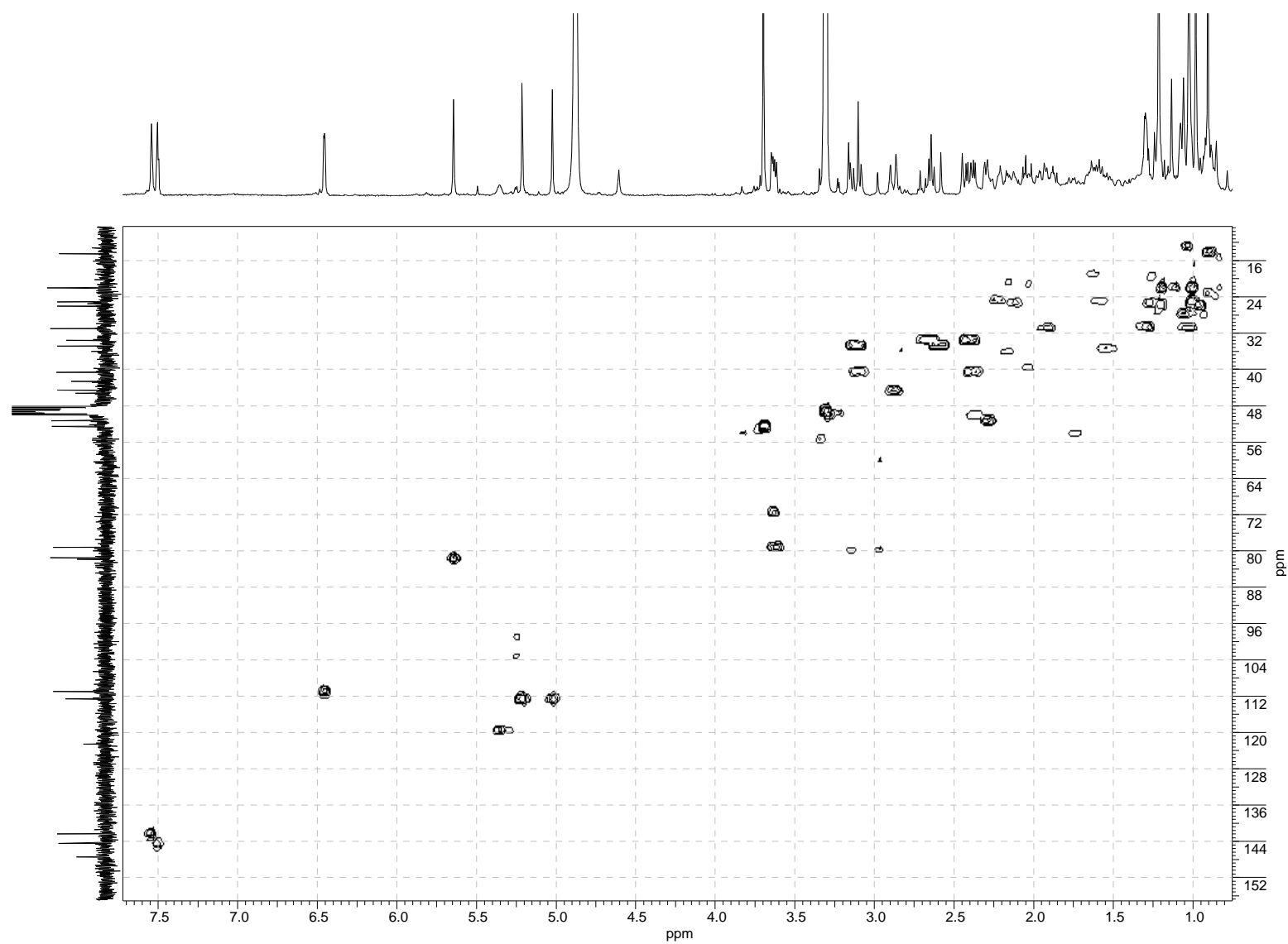


**S22:** Expansion of the  $^1\text{H-NMR}$  Spectrum of Compound 4 (methyl angolensate)

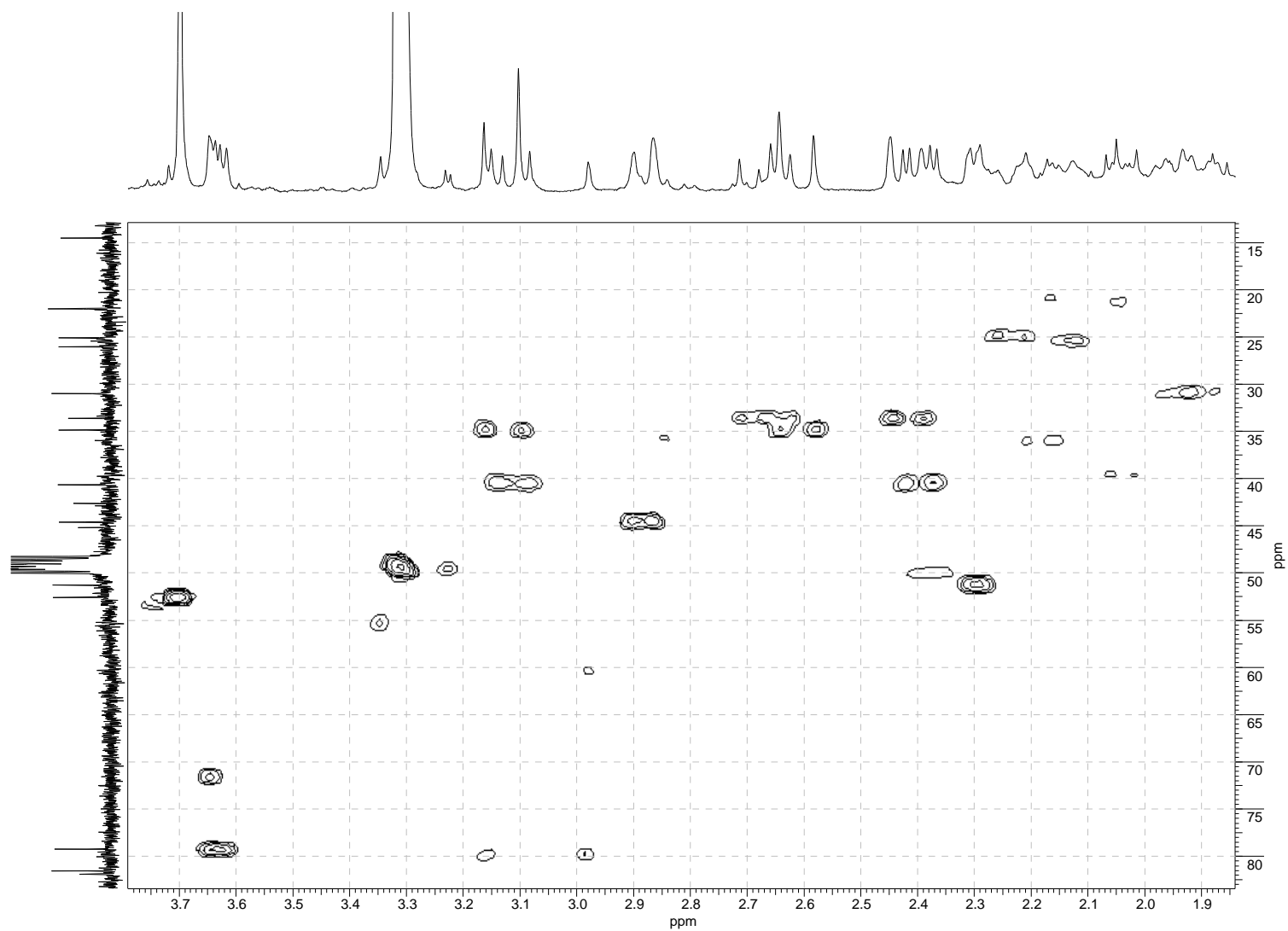




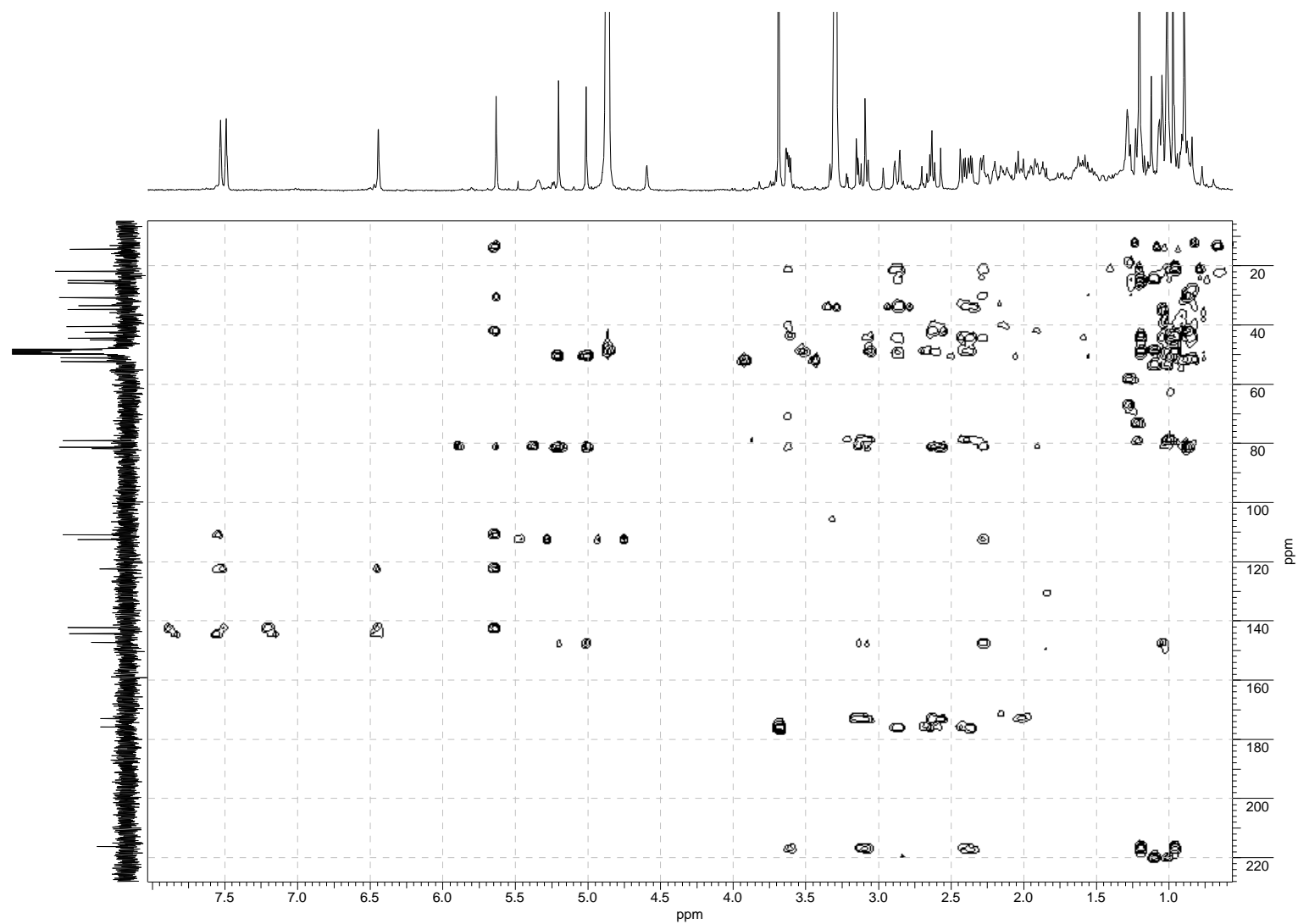
**S23:**  $^{13}\text{C}$ -NMR Spectrum of Compound 4 (methyl angolensate)



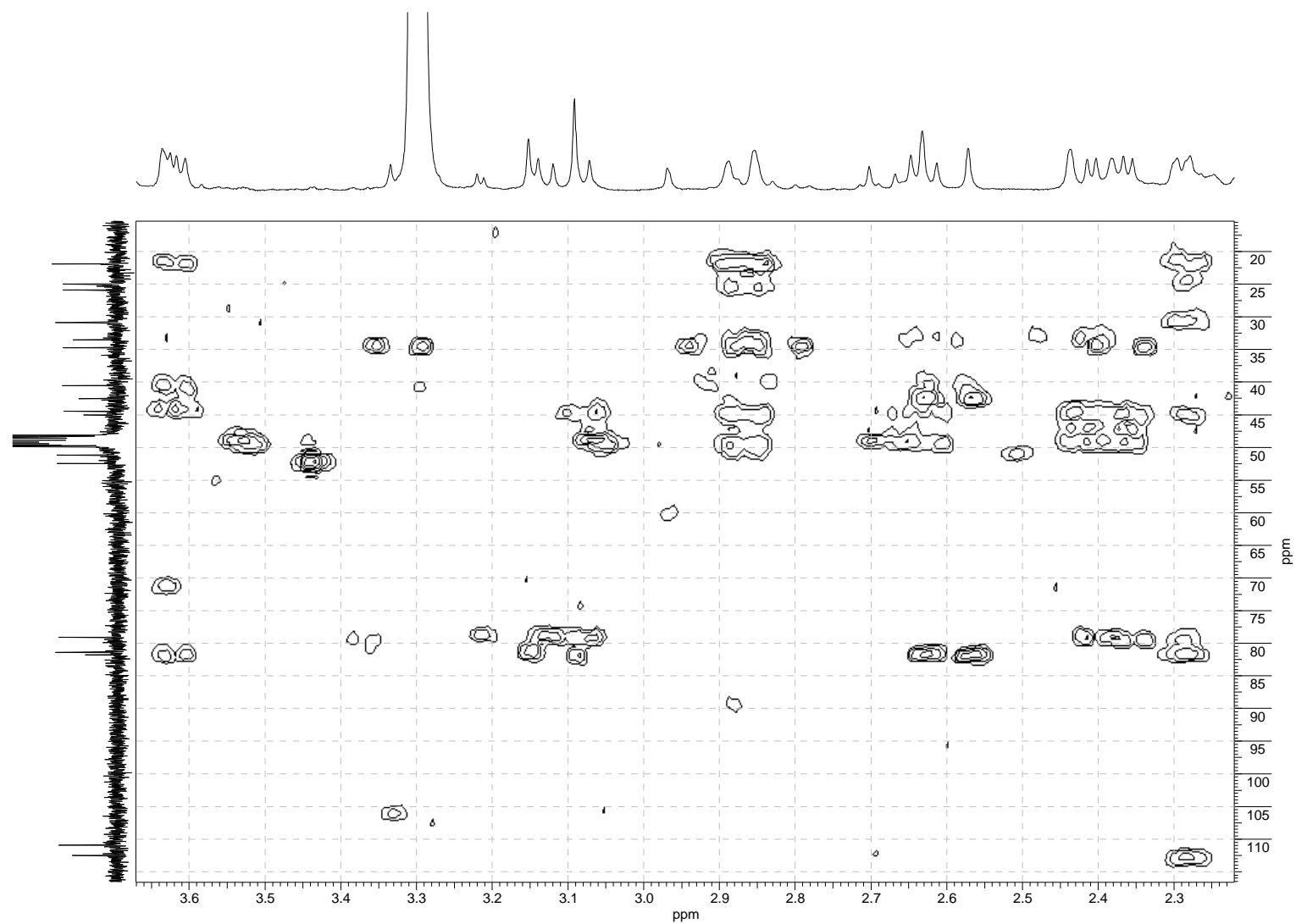
**S24:** HSQC Spectrum of Compound 4 (methyl angolensate)



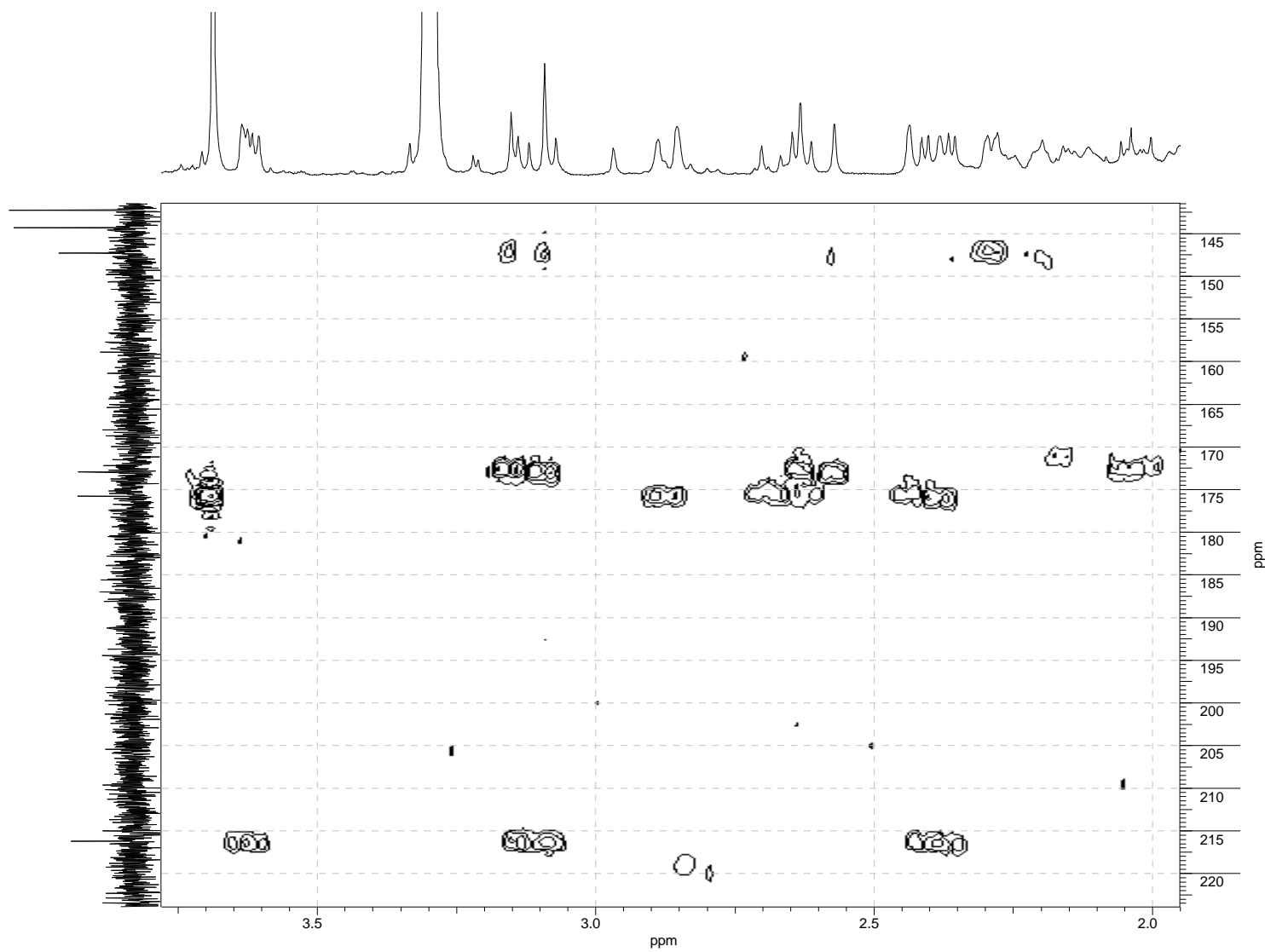
**S25:** Expansion of the HSQC Spectrum of Compound **4** (methyl angolensate)



**S26:** HMBC Spectrum of Compound **4** (methyl angolensate)



**S27:** Expansion of the HMBC Spectrum of Compound **4** (methyl angolensate)



S28: Expansion of the HMBC Spectrum of Compound 4 (methyl angolensate)