

Electronic Supplementary Material

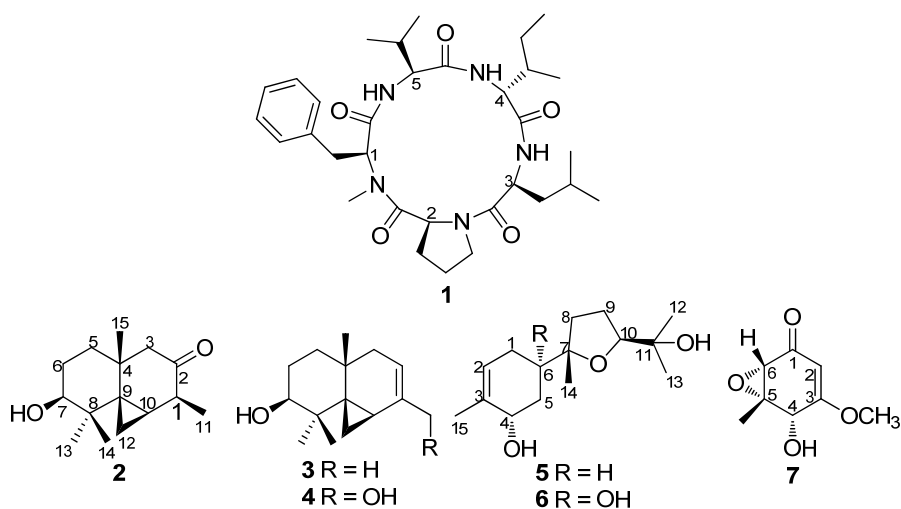
Chemical investigation on the cultures of the fungus *Xylaria carpophila*

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Structures of compounds 1–7.

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Table of Contents

Figure 1S-8S. NMR, MS spectra and Marfey's method reports of compound **1**

Figure 9S-15S. NMR and MS spectra of compound **2**

Figure 16S-22S. NMR and MS spectra of compound **3**

Figure 23S-29S. NMR and MS spectra of compound **4**

Figure 30S-36S. NMR and MS spectra of compound **5**

Figure 37S-41S. NMR and MS spectra of compound **6**

Figure 42S-43S. ^1H NMR and ^{13}C NMR spectra of compound **7**

Figure 1S. ^1H NMR of compound **1**.

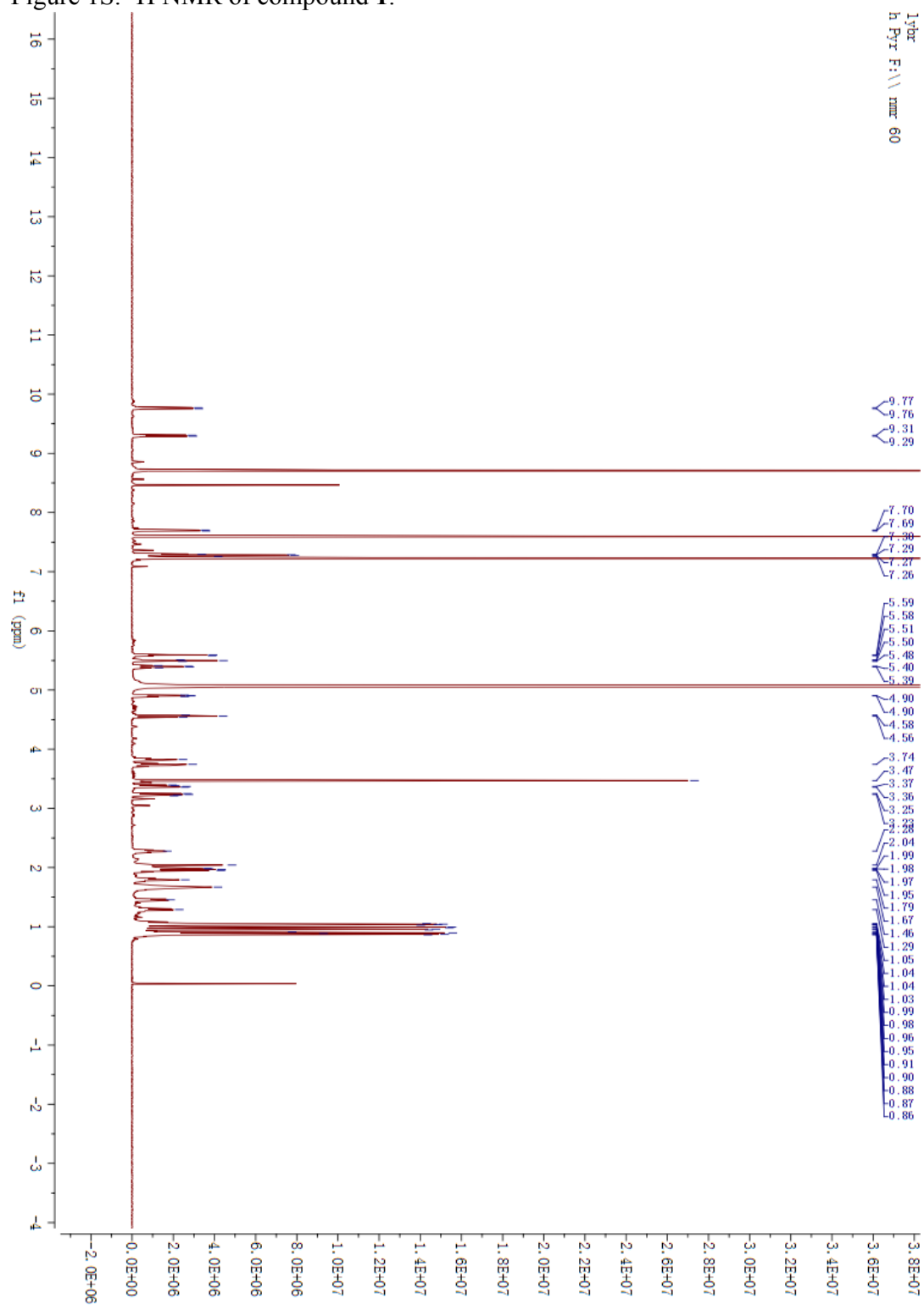


Figure 2S. ^{13}C NMR and DEPT of compound 1

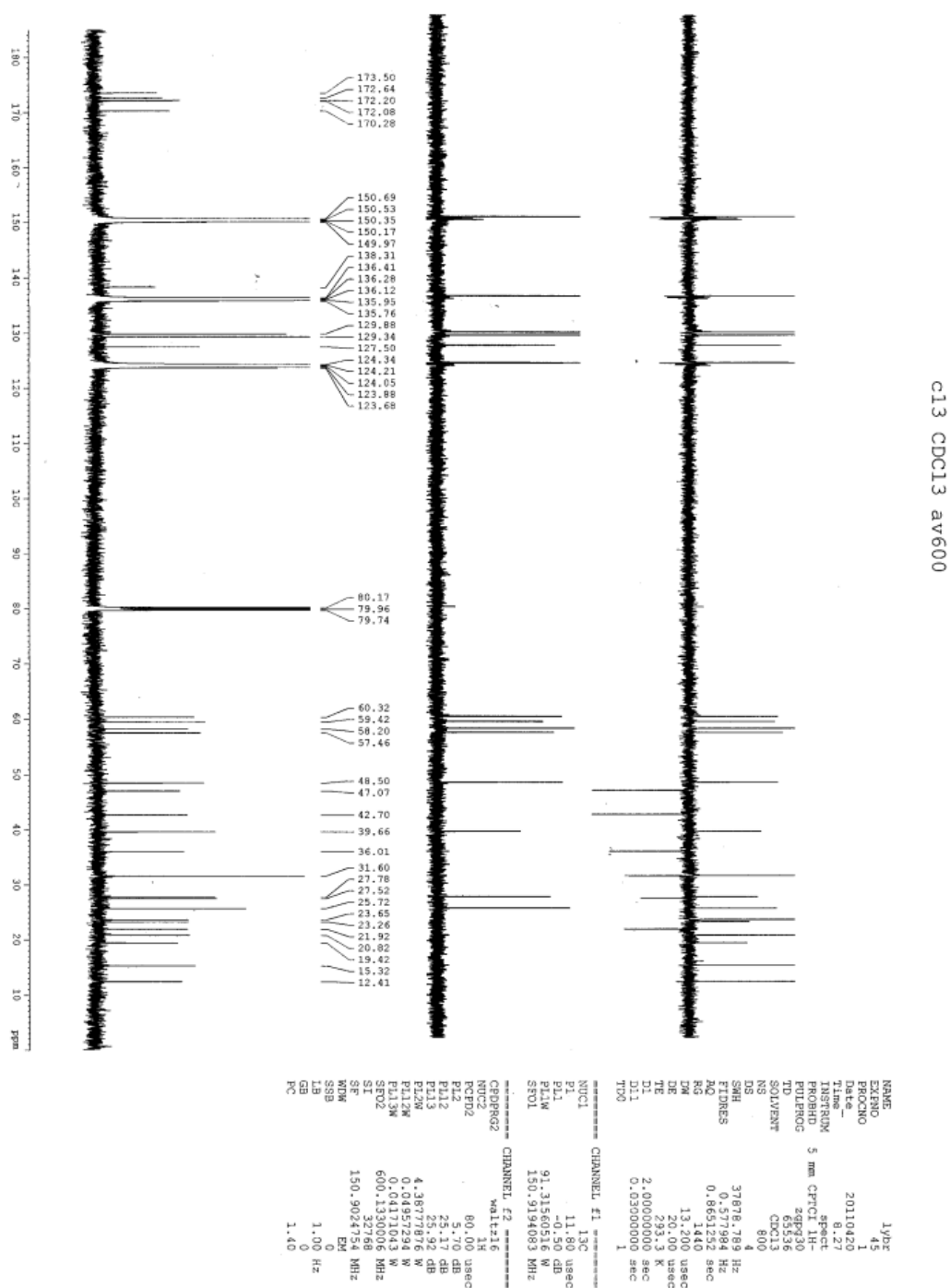


Figure 3S. HSQC of compound **1**

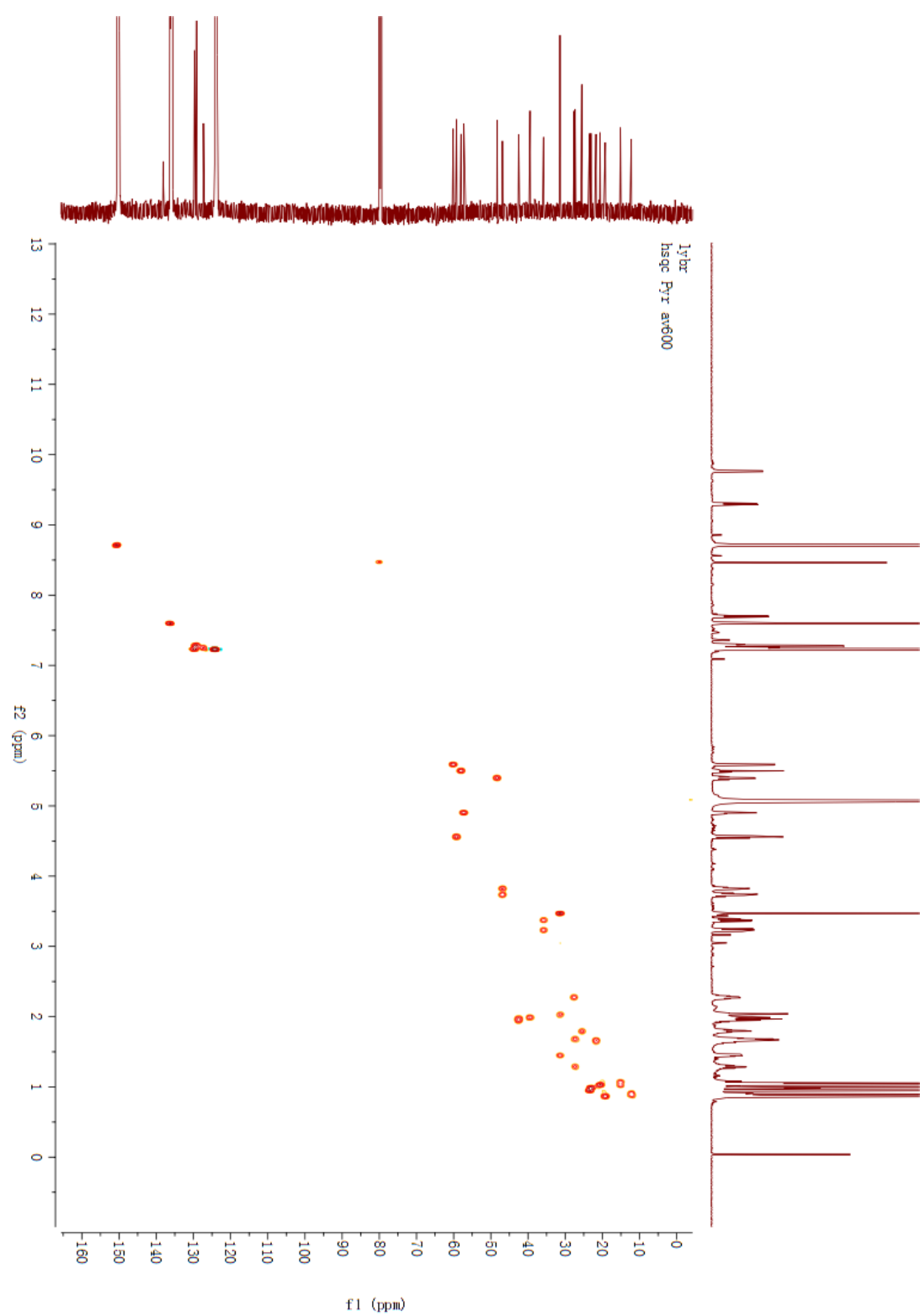


Figure 4S. HMBC of compound **1**

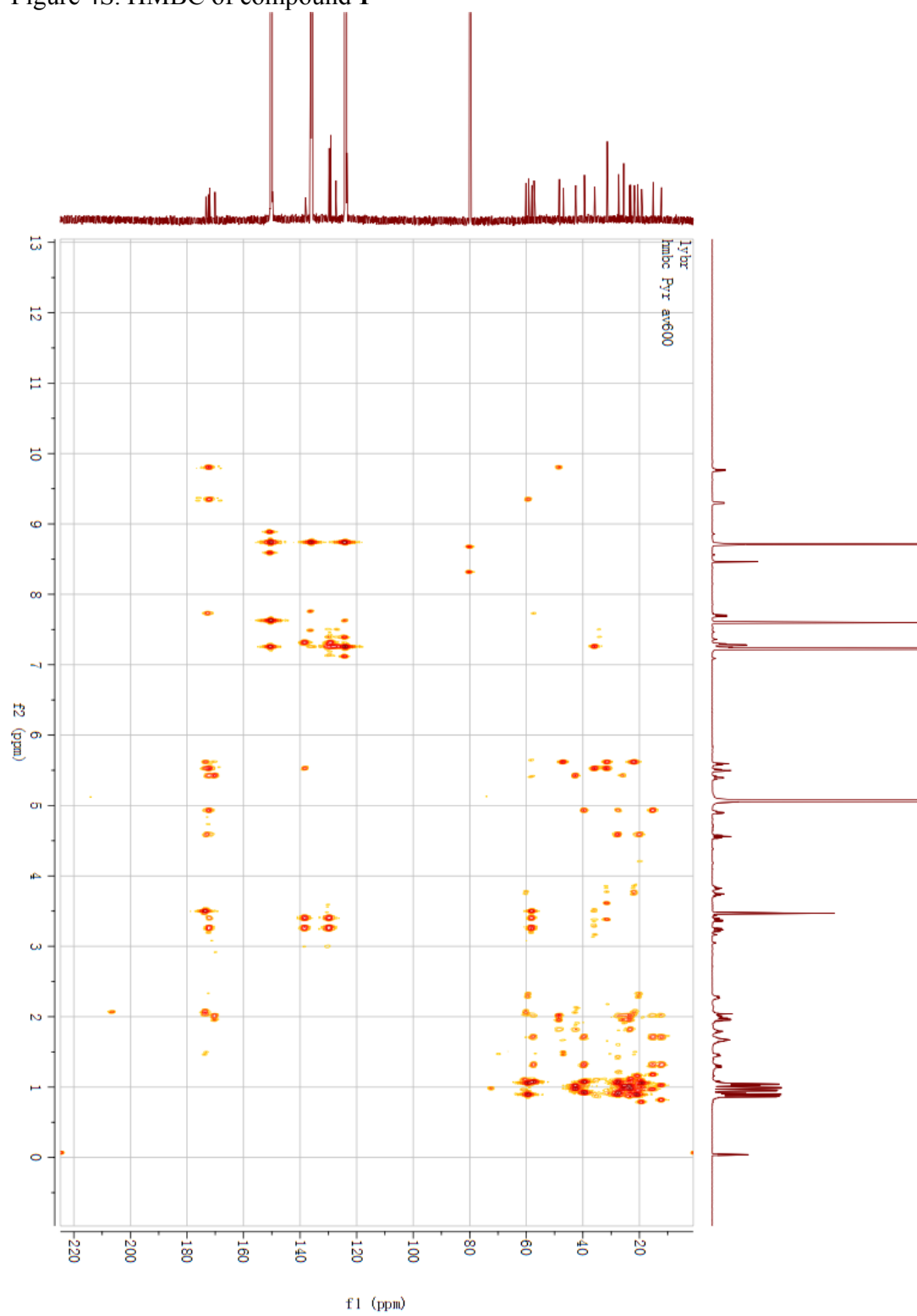


Figure 5S. ^1H - ^1H COSY of compound **1**.

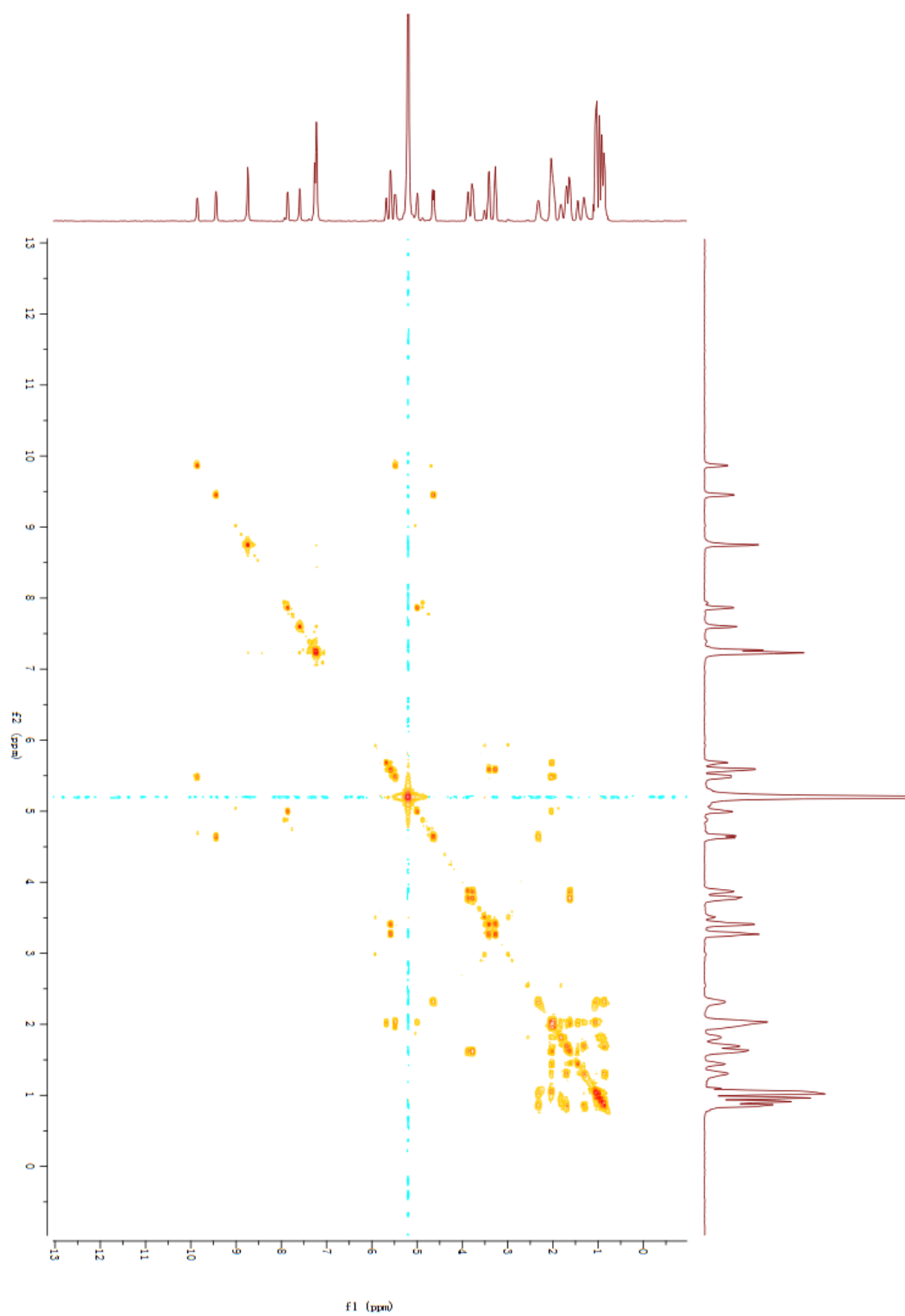


Figure 6S. ROESY of compound 1.

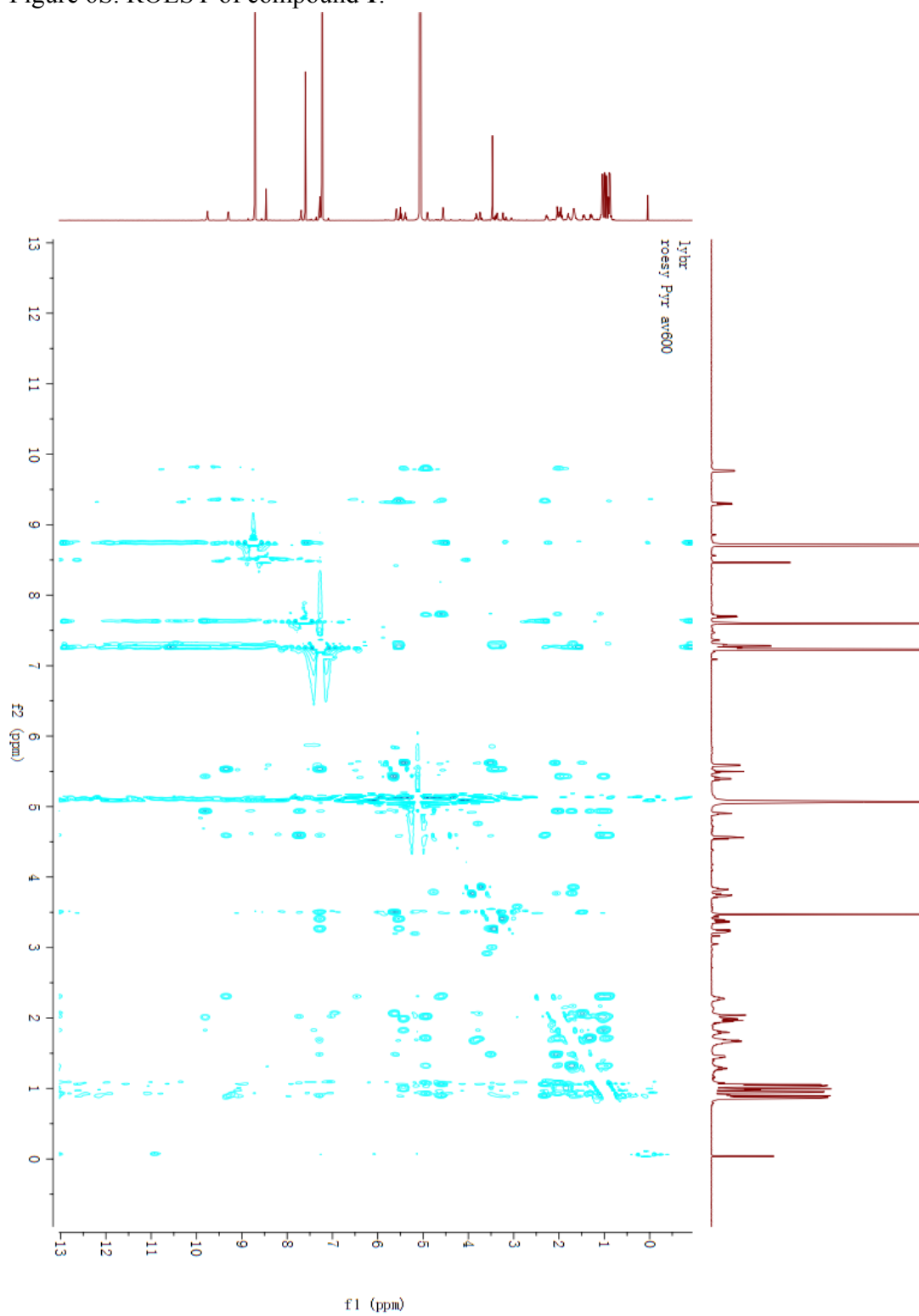


Figure 7S. HRESIMS of compound 1.

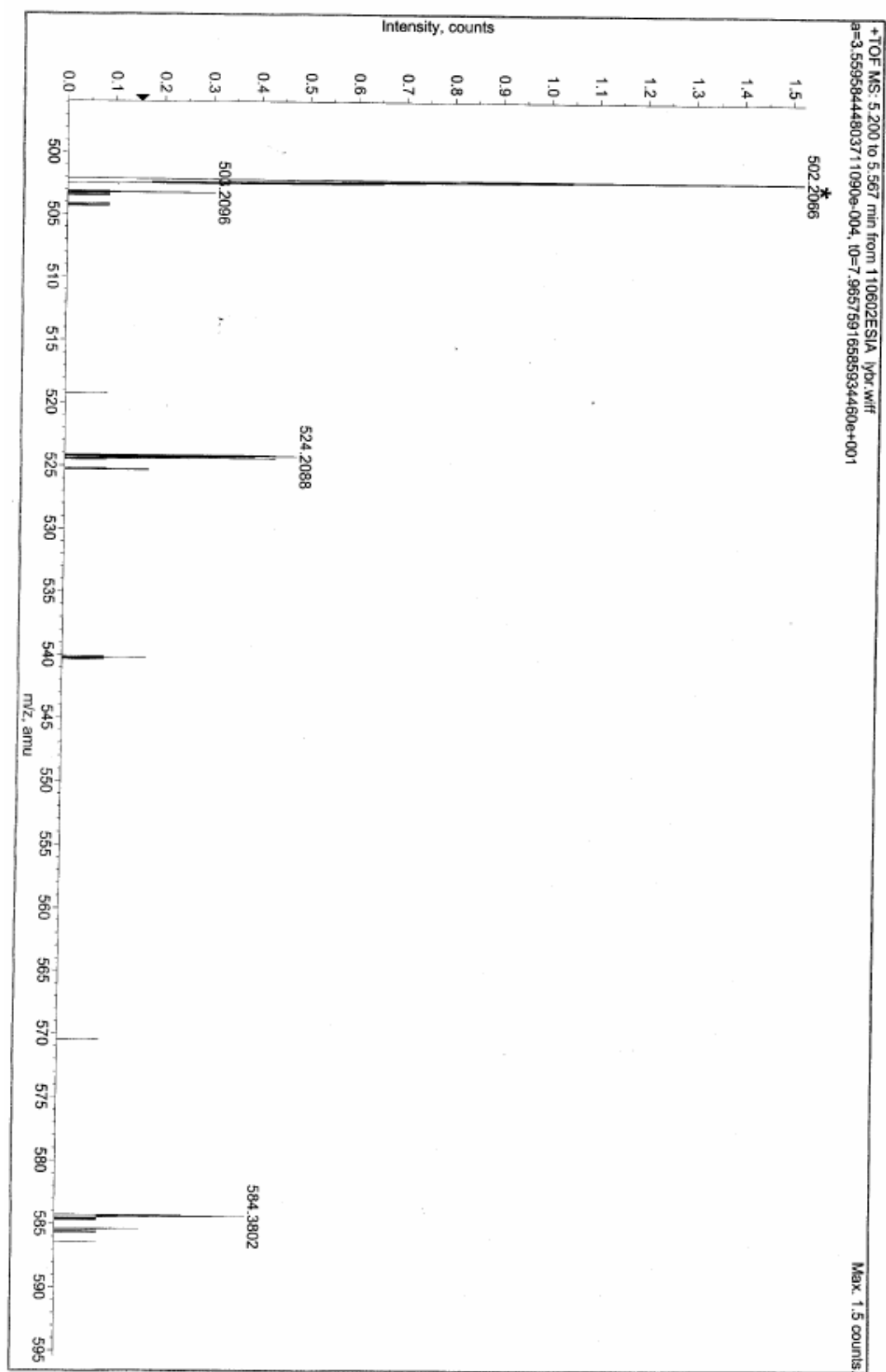
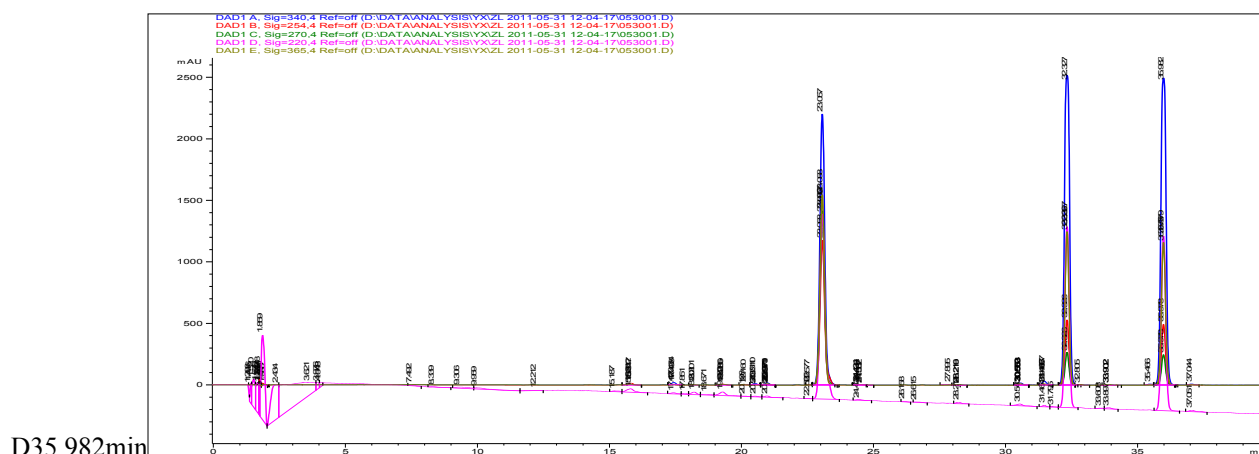


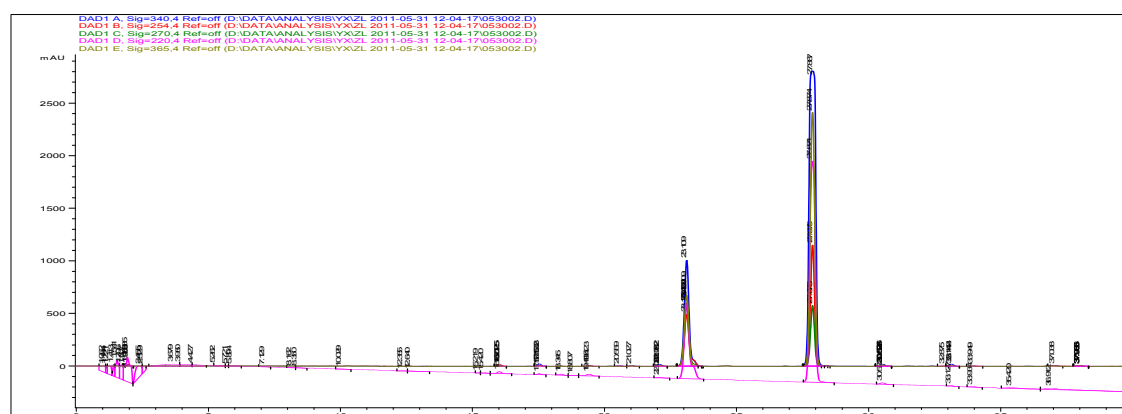
Figure 8S. Reports of Marfey's method of compound 1.

D,L-Leu

L32.327min



L-Val 27.887min



The hydrolyzate

of compound 1.

L-Val 27.812min

L-Leu 32.312min

D-Leu 35.535min

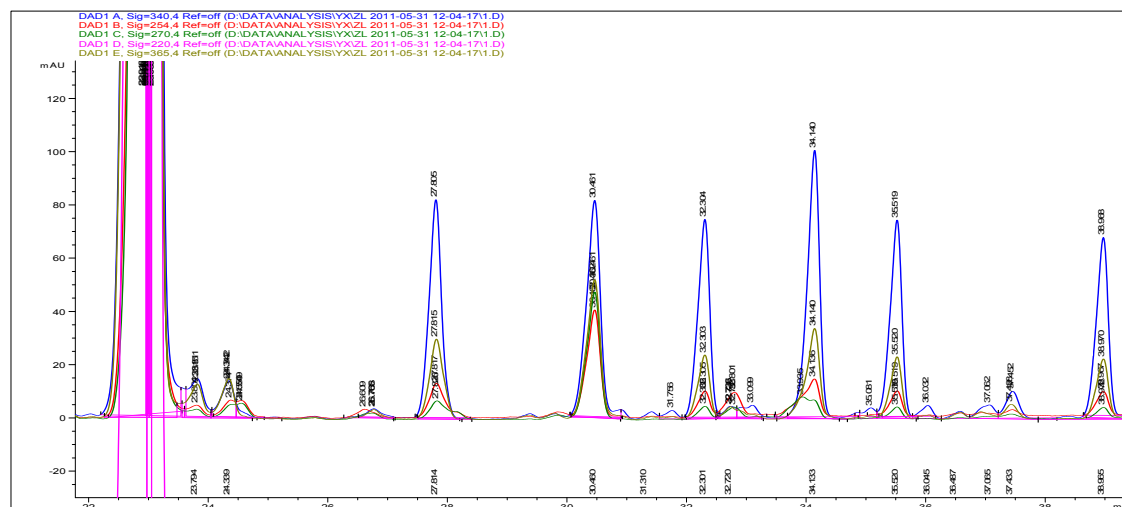


Figure 9S. ¹H NMR of compound 2.

17x64
h CDCl3 F:\nmr 25

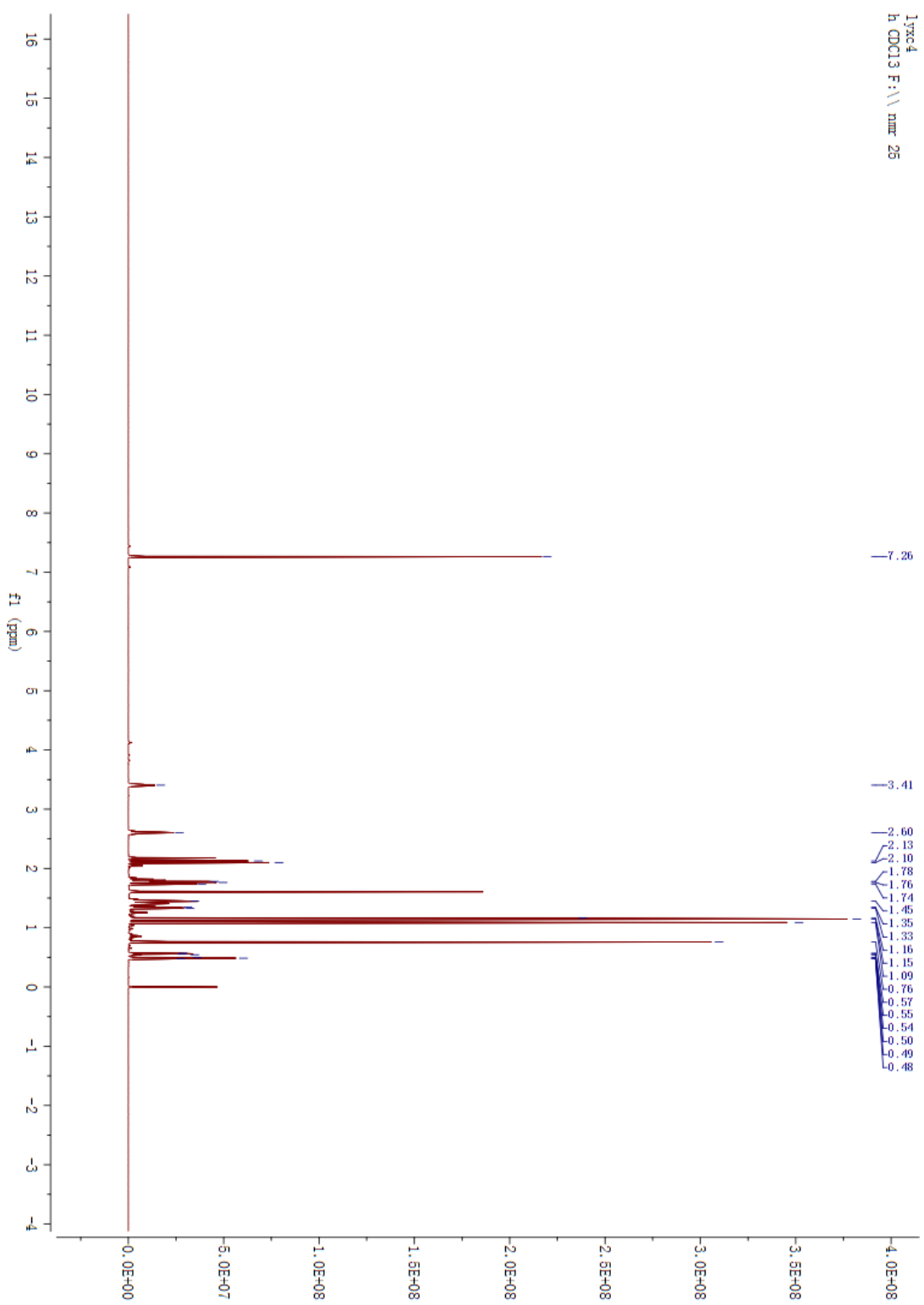


Figure 10S. ^{13}C NMR and DEPT of compound 2.

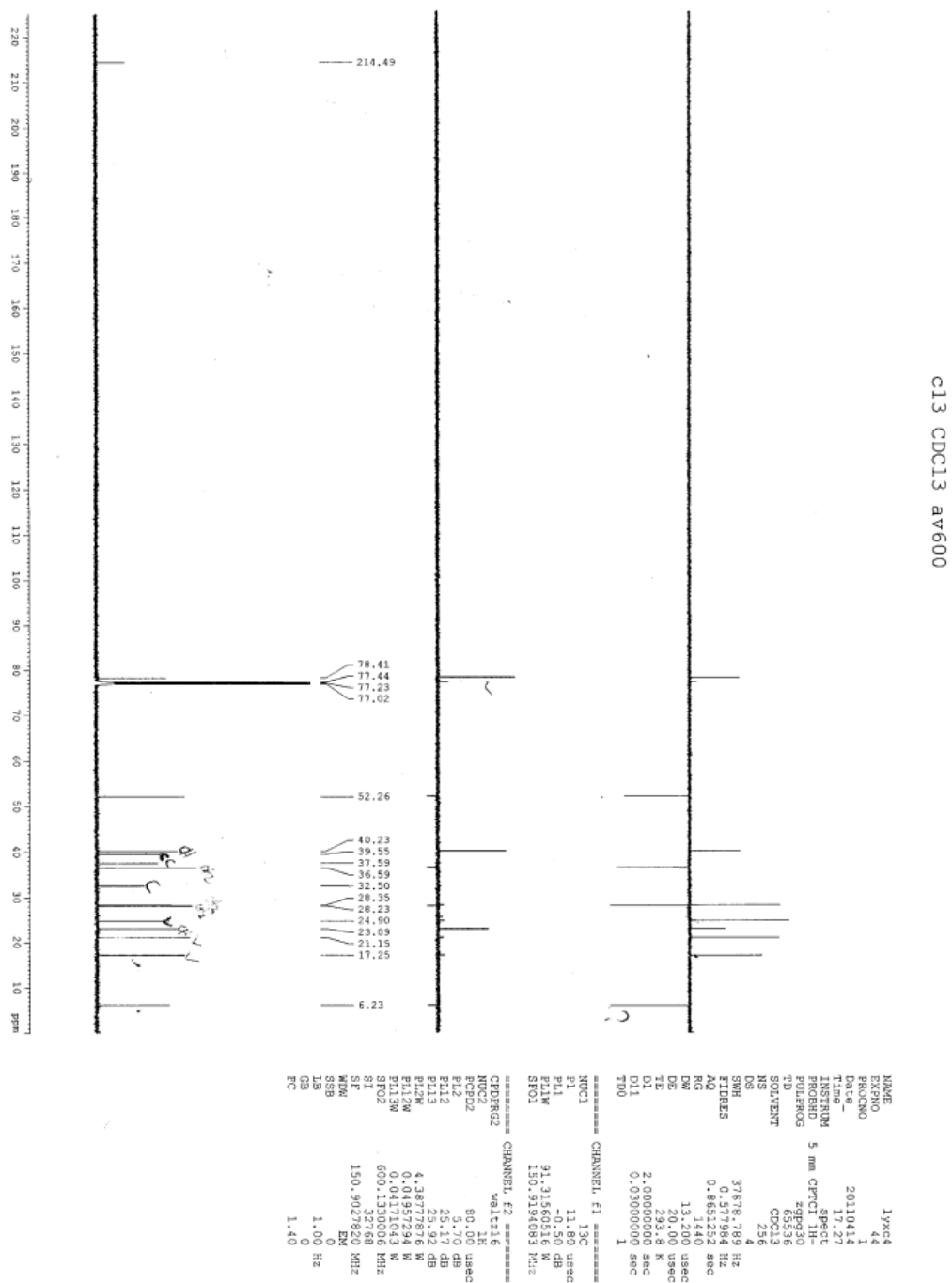


Figure 11S. HSQC of compound **2**.

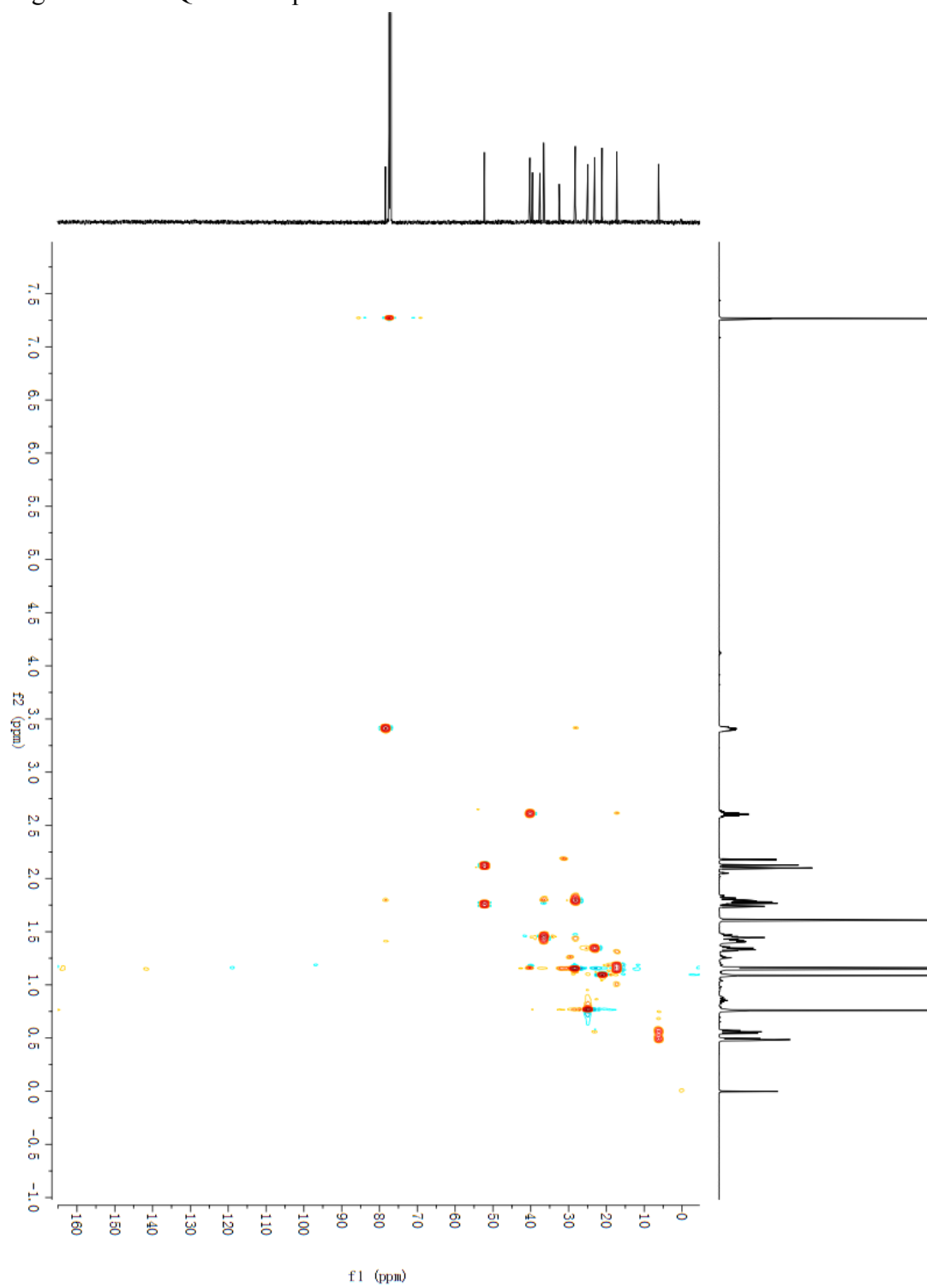


Figure 12S. HMBC of compound **2**.

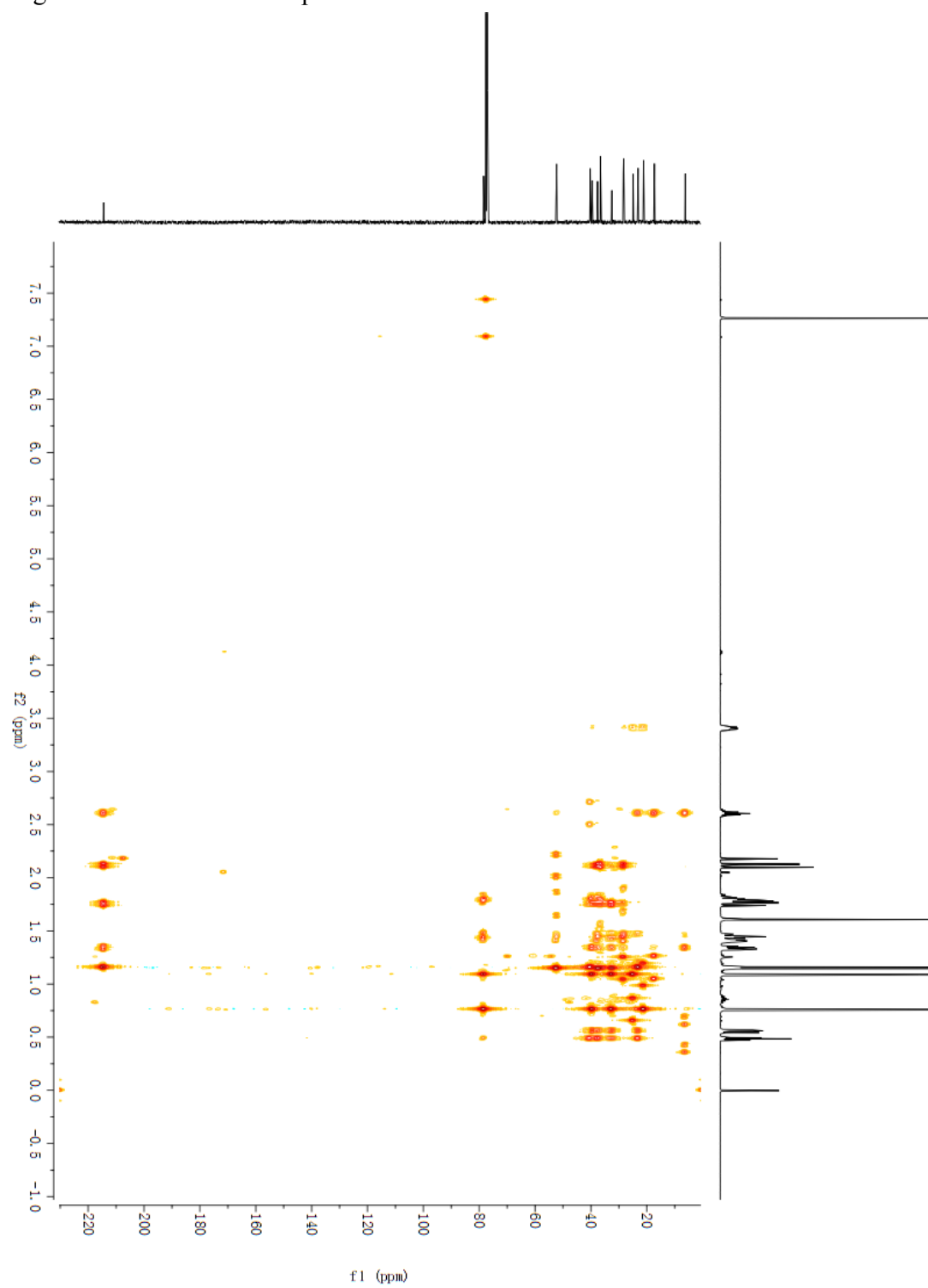


Figure 13S. ^1H - ^1H COSY of compound **2**

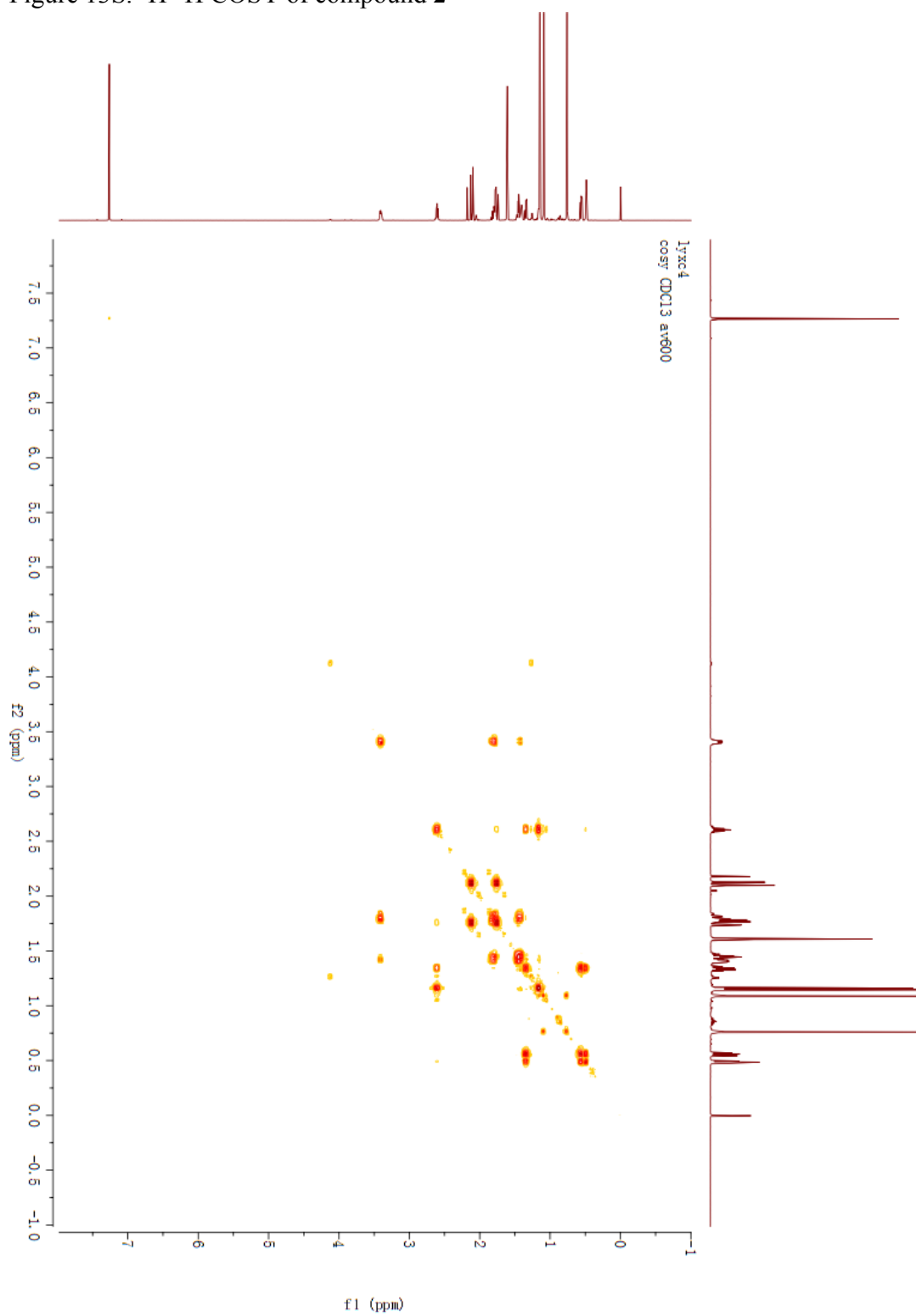


Figure 14S. ROESY of compound 2.

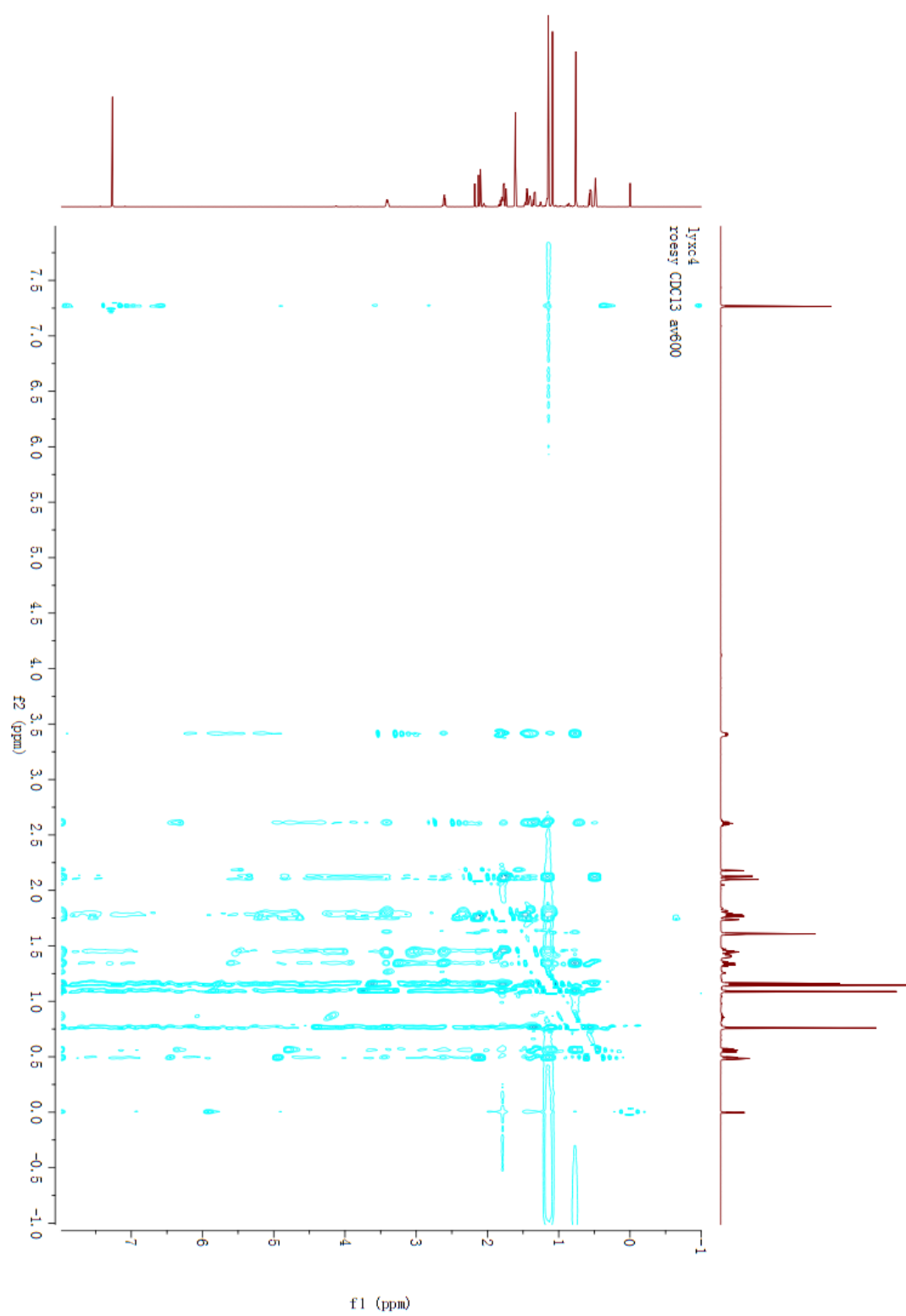


Figure 15S. HRESIMS of compound 2.

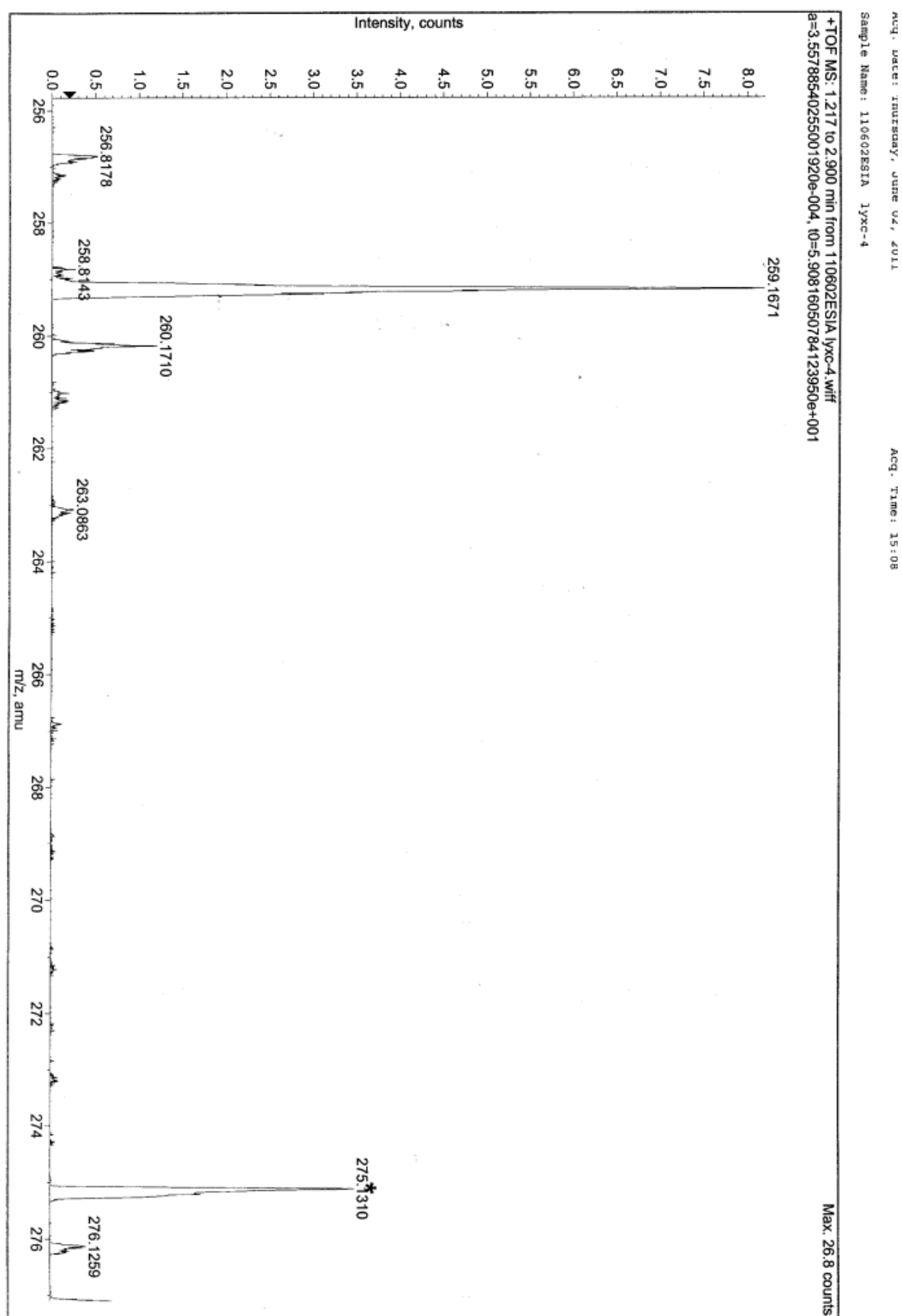


Figure 16S. ^1H NMR of compound **3**.

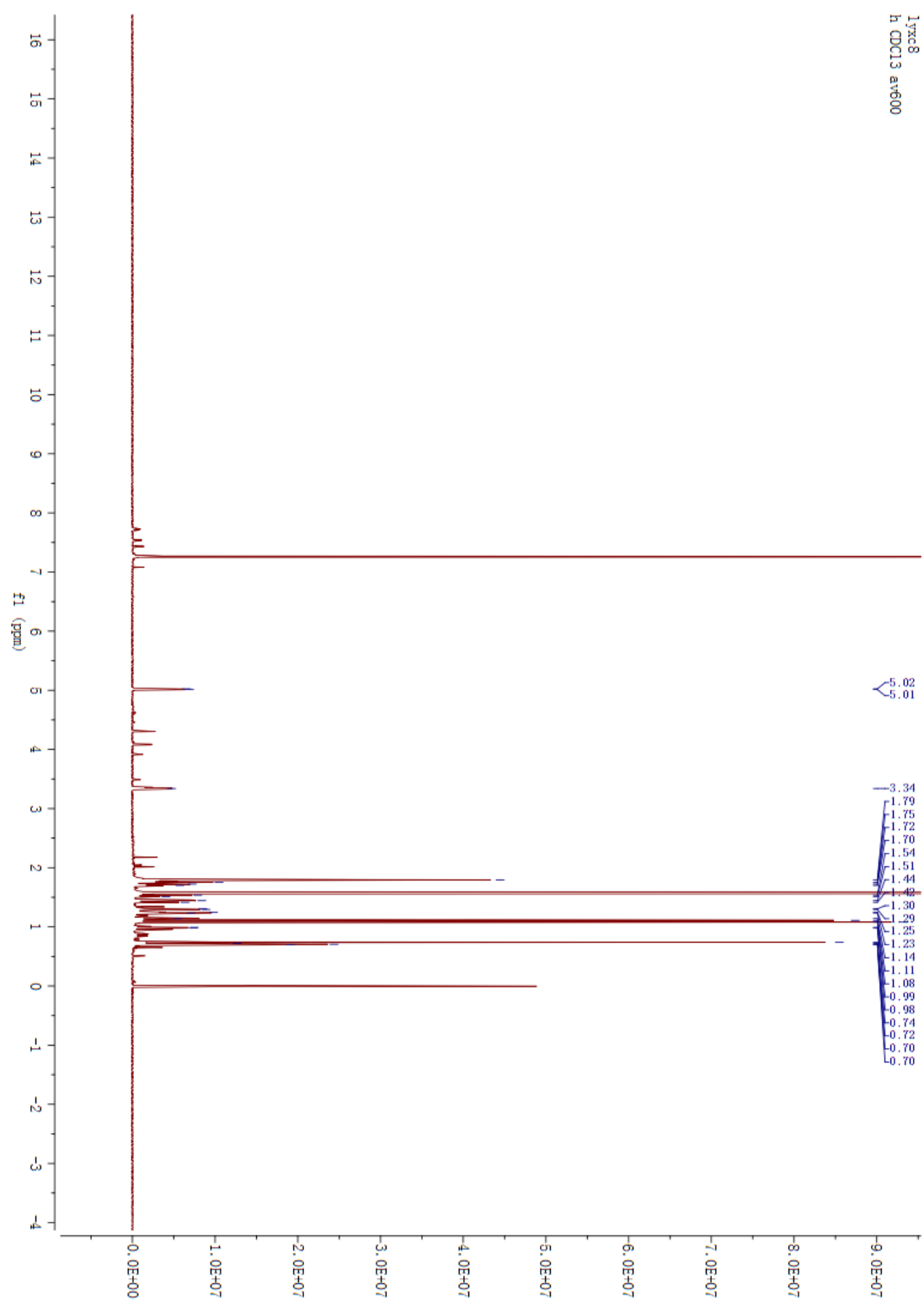


Figure 17S. ^{13}C NMR and DEPT of compound 3.

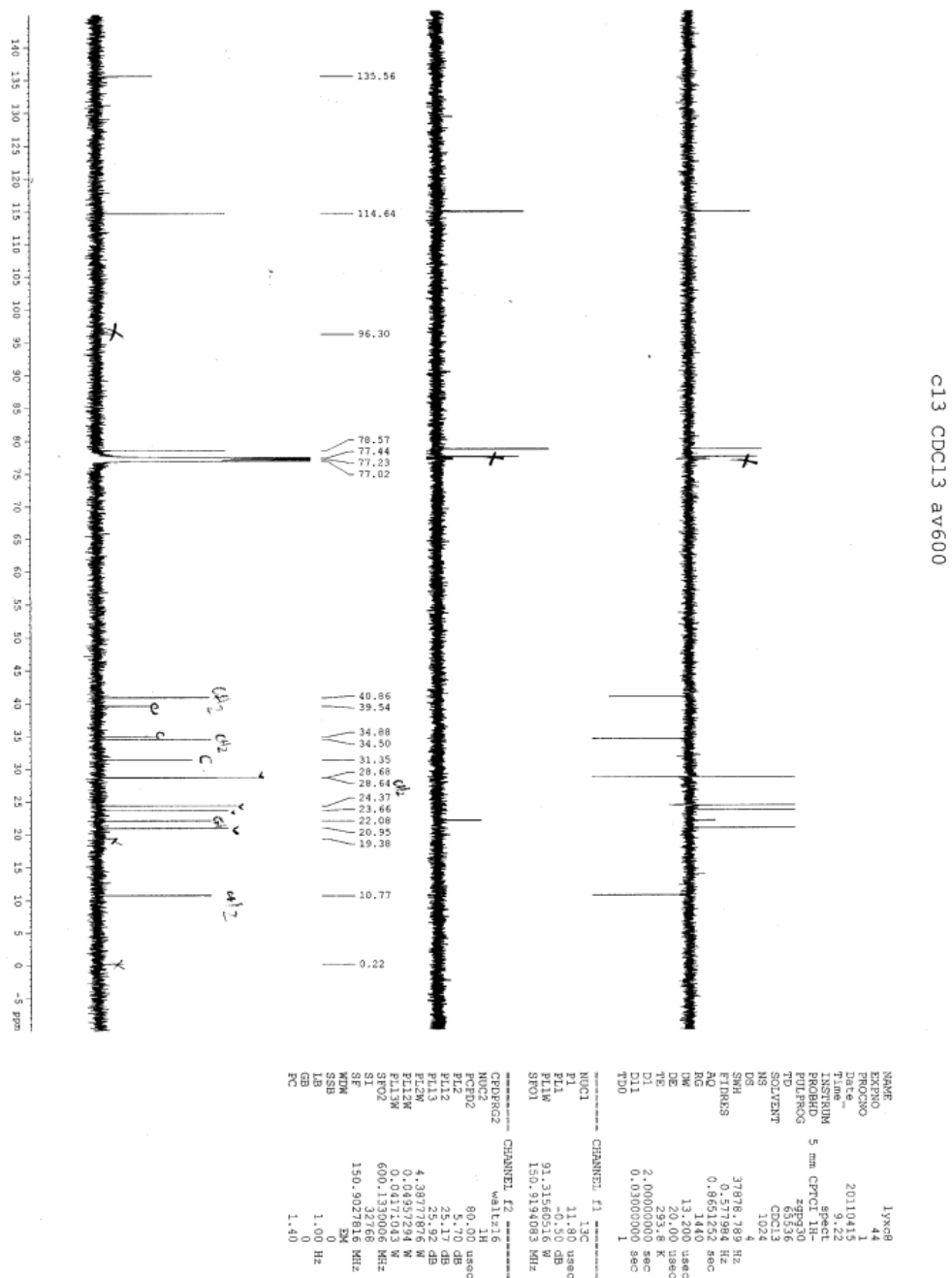


Figure 18S. HSQC of compound **3**.

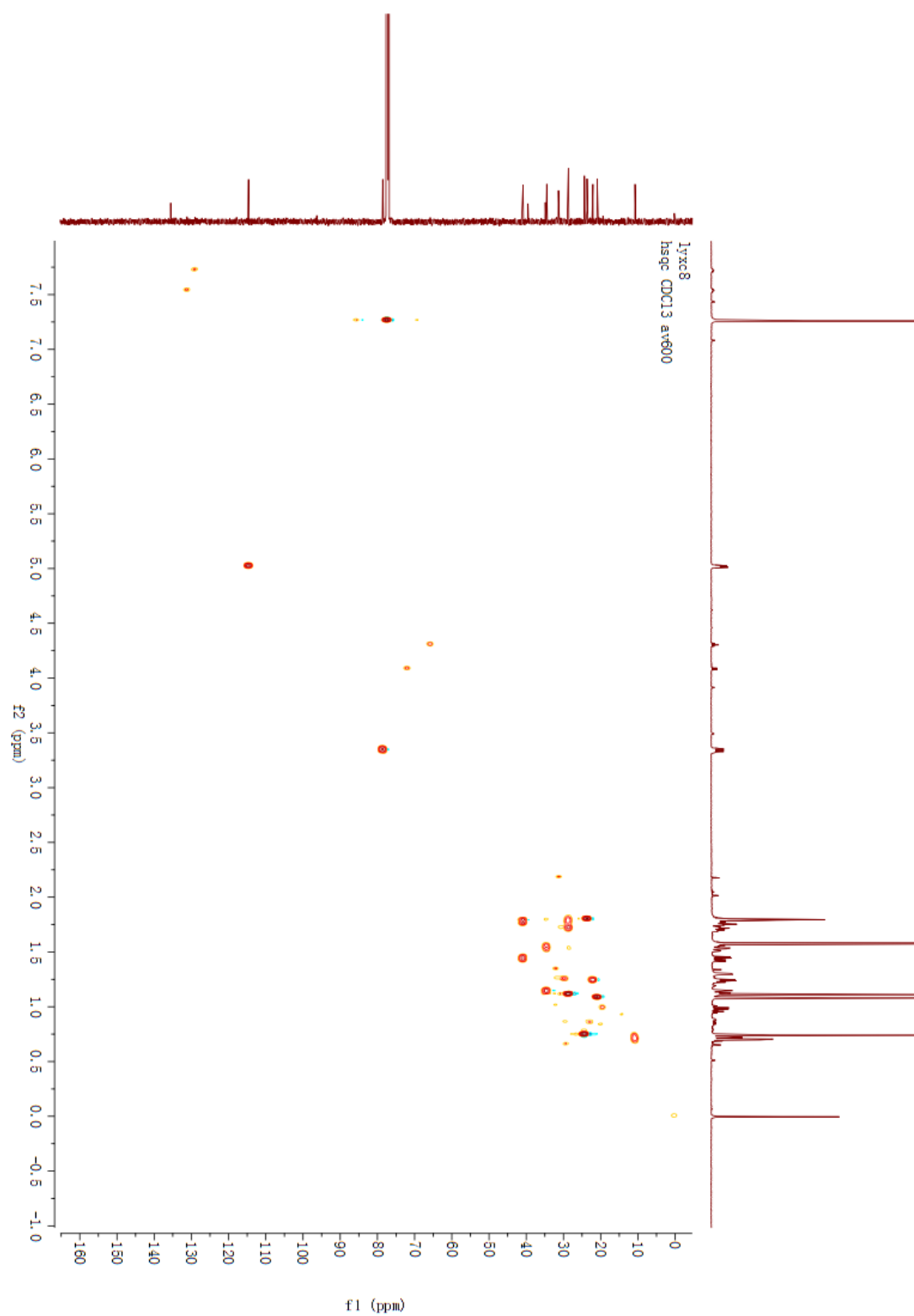


Figure 19S. HMBC of compound **3**.

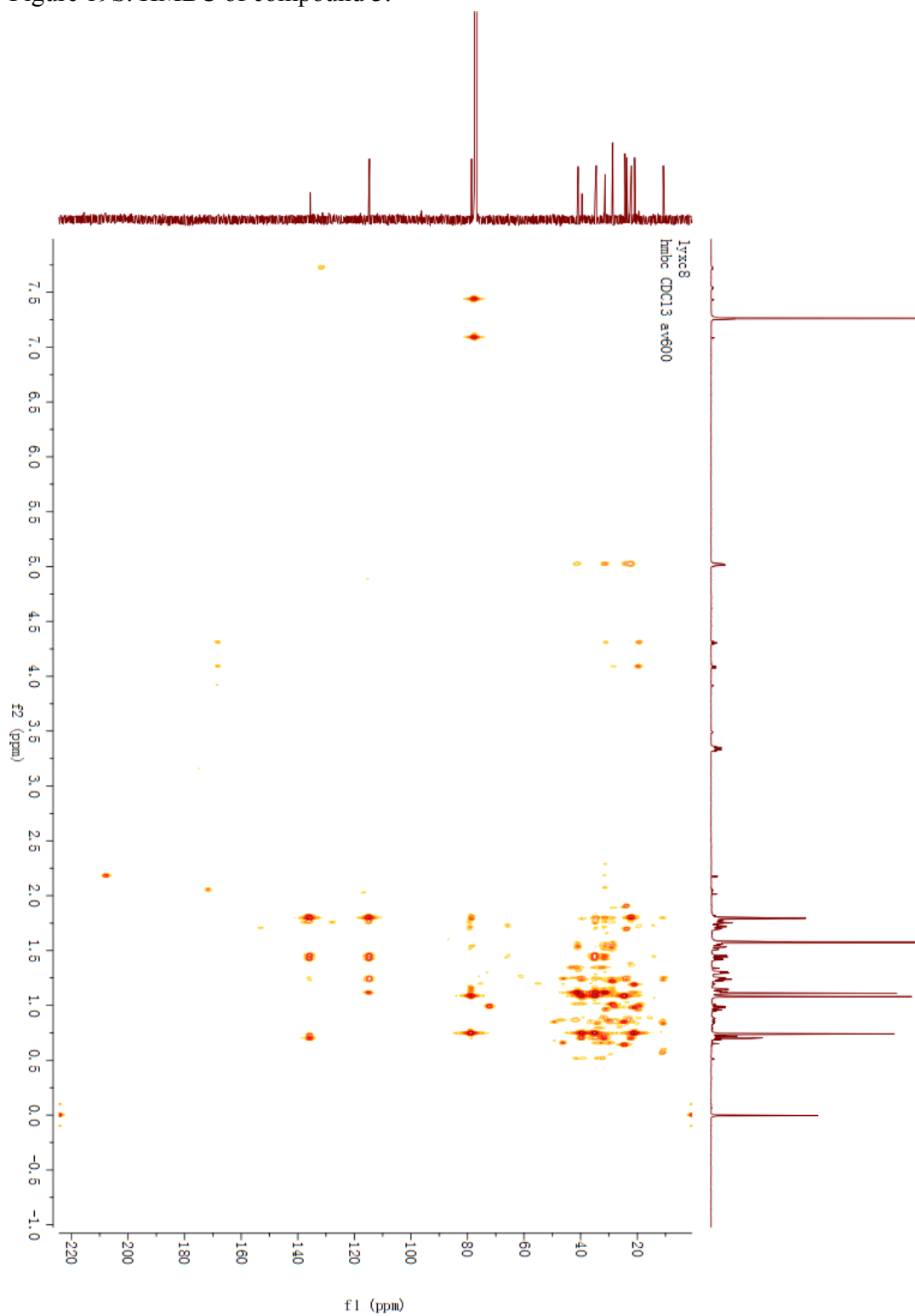


Figure 20S. ^1H - ^1H COSY of compound **3**.

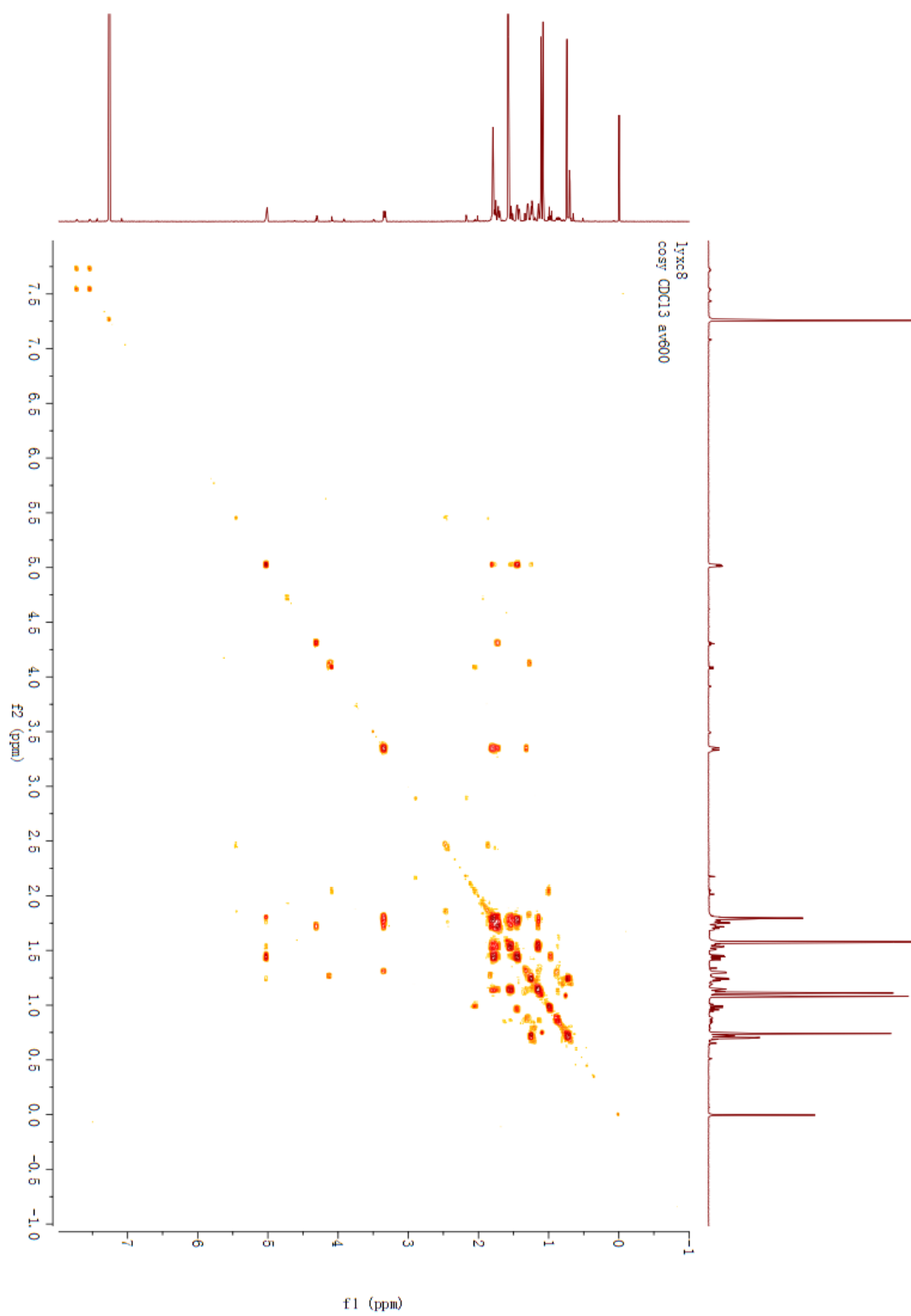


Figure 21S. ROESY of compound **3**.

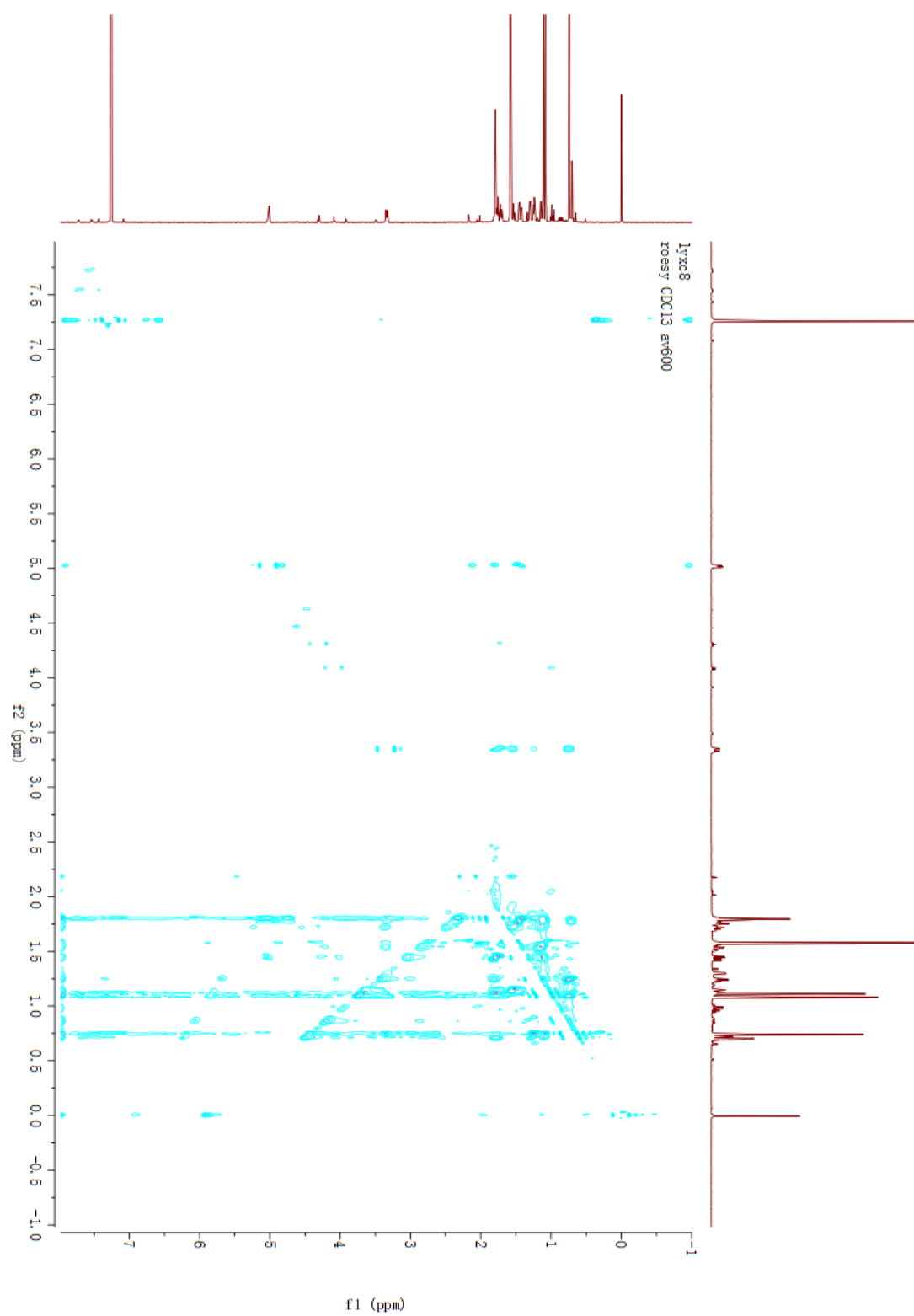


Figure 22S. HRESIMS of compound 3.

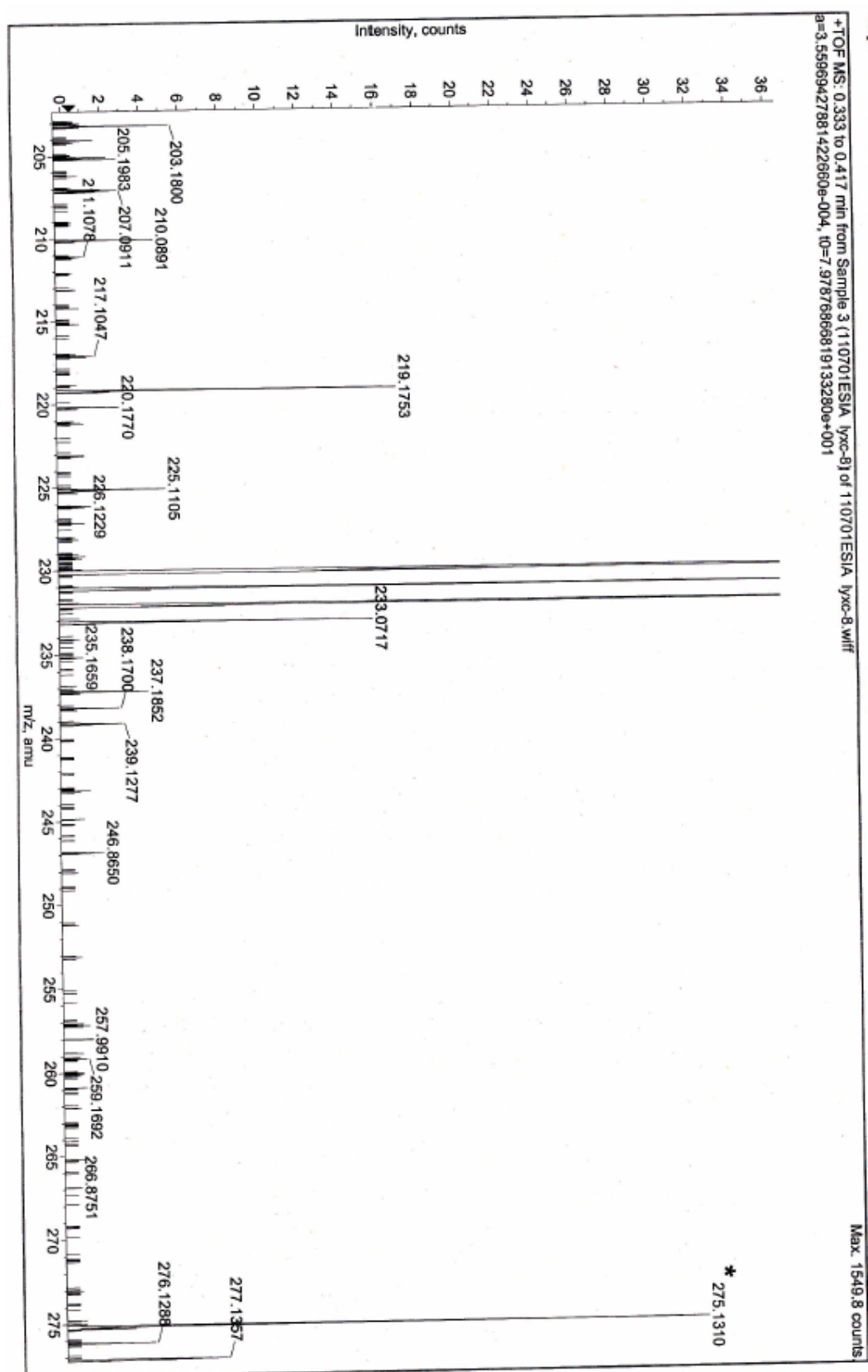


Figure 23S. ^1H NMR of compound **4**.

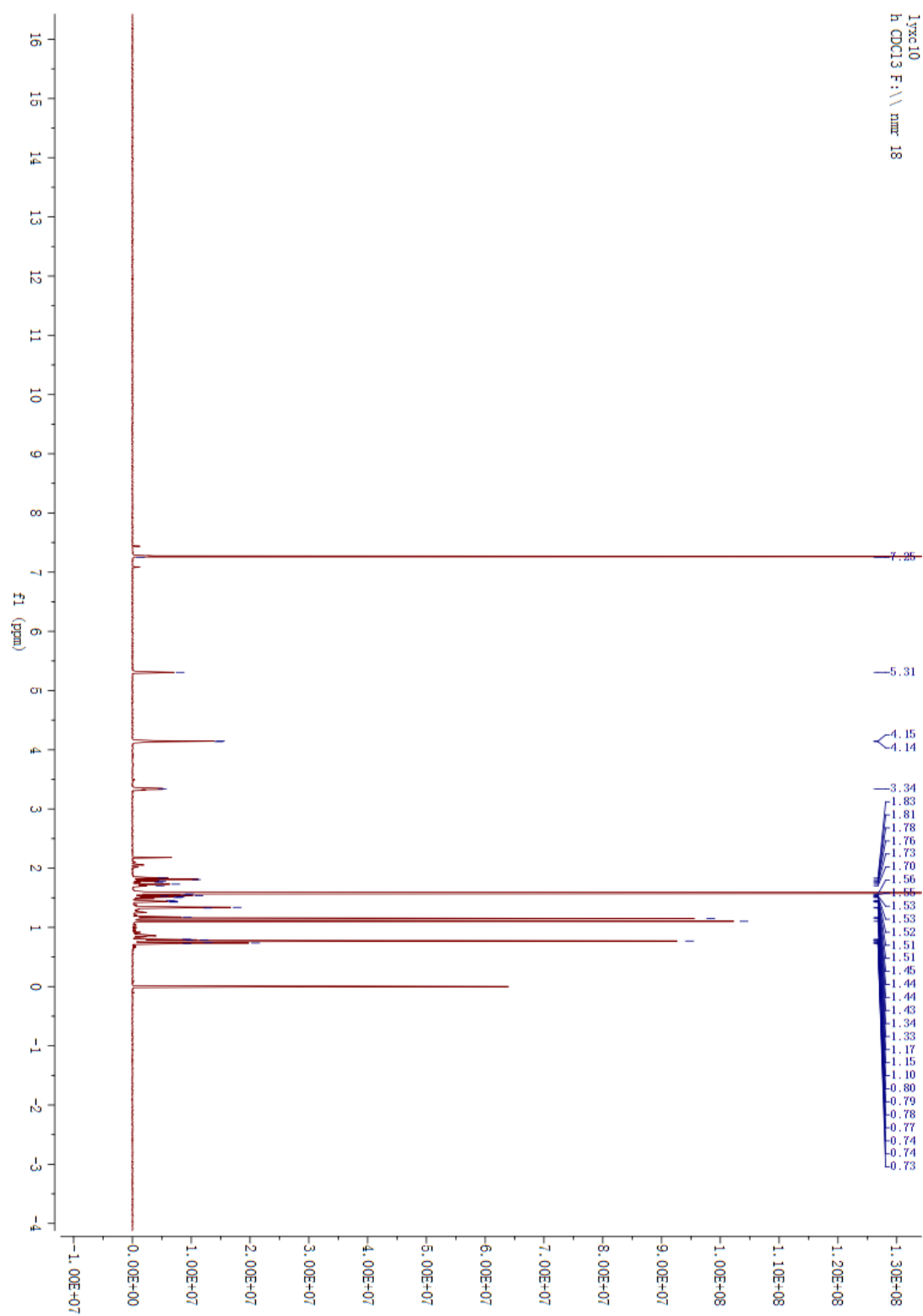


Figure 24S. ^{13}C NMR and DEPT of compound 4.

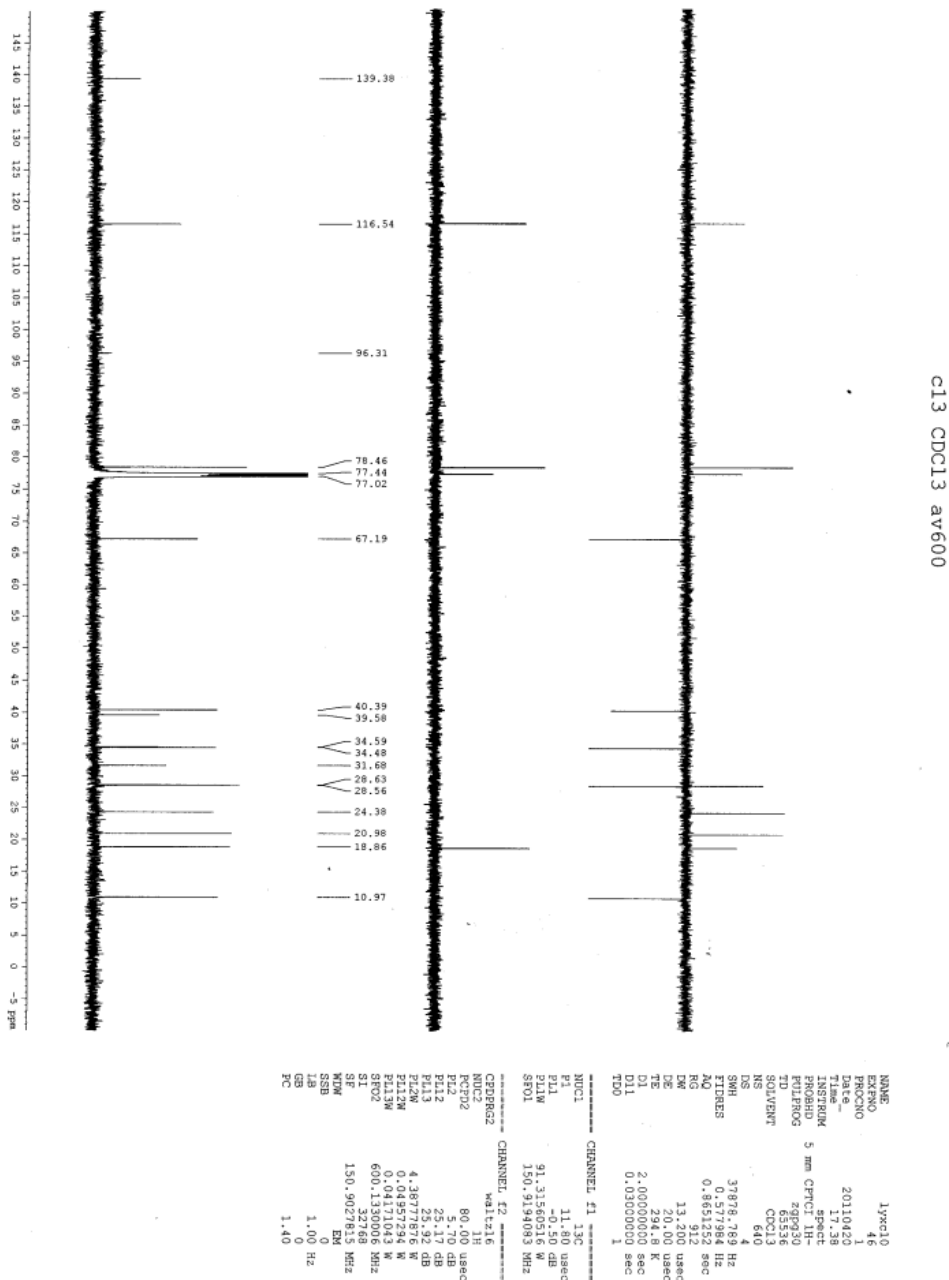


Figure 25S. HSQC of compound **4**.

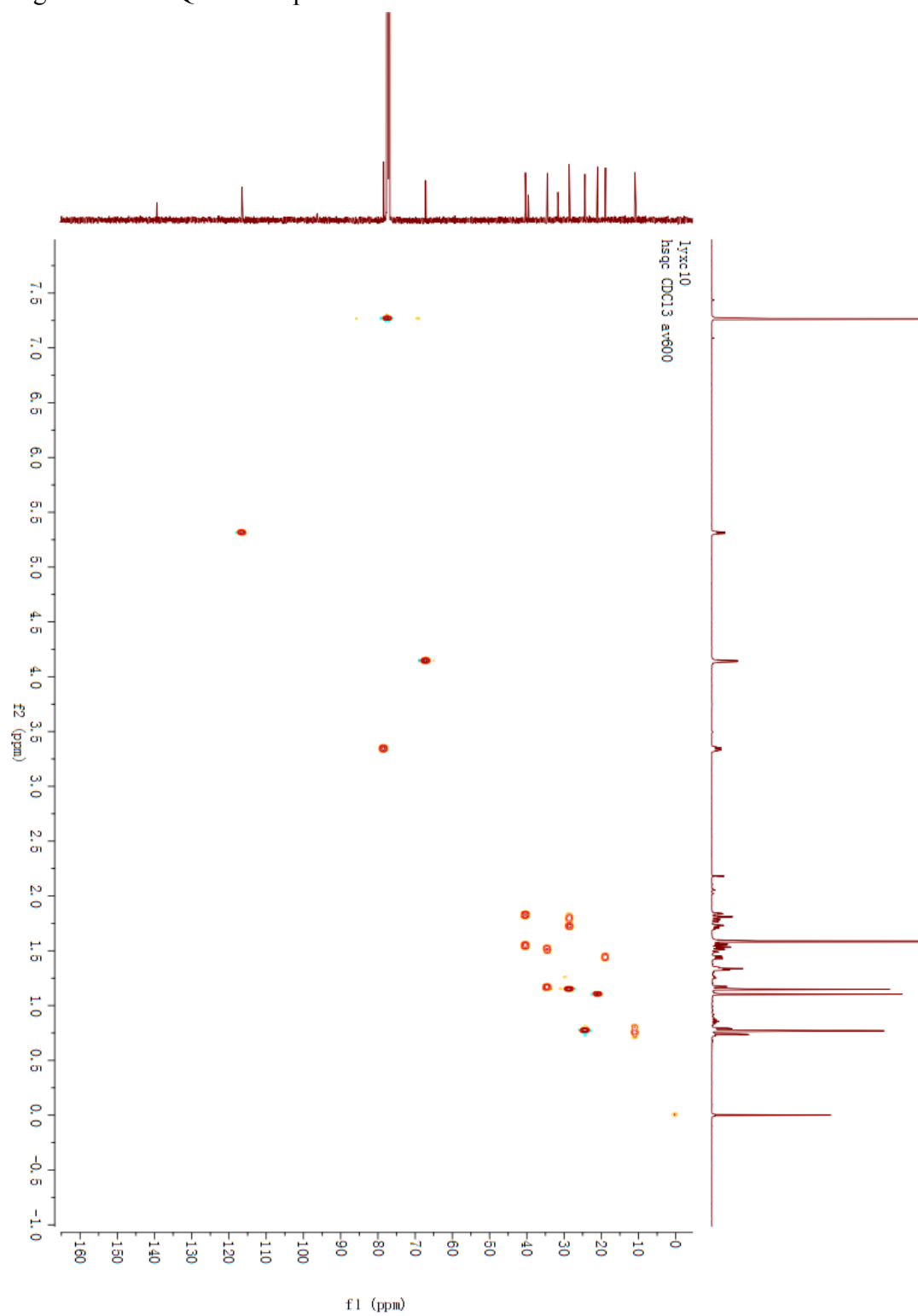


Figure 26S. HMBC of compound 4.

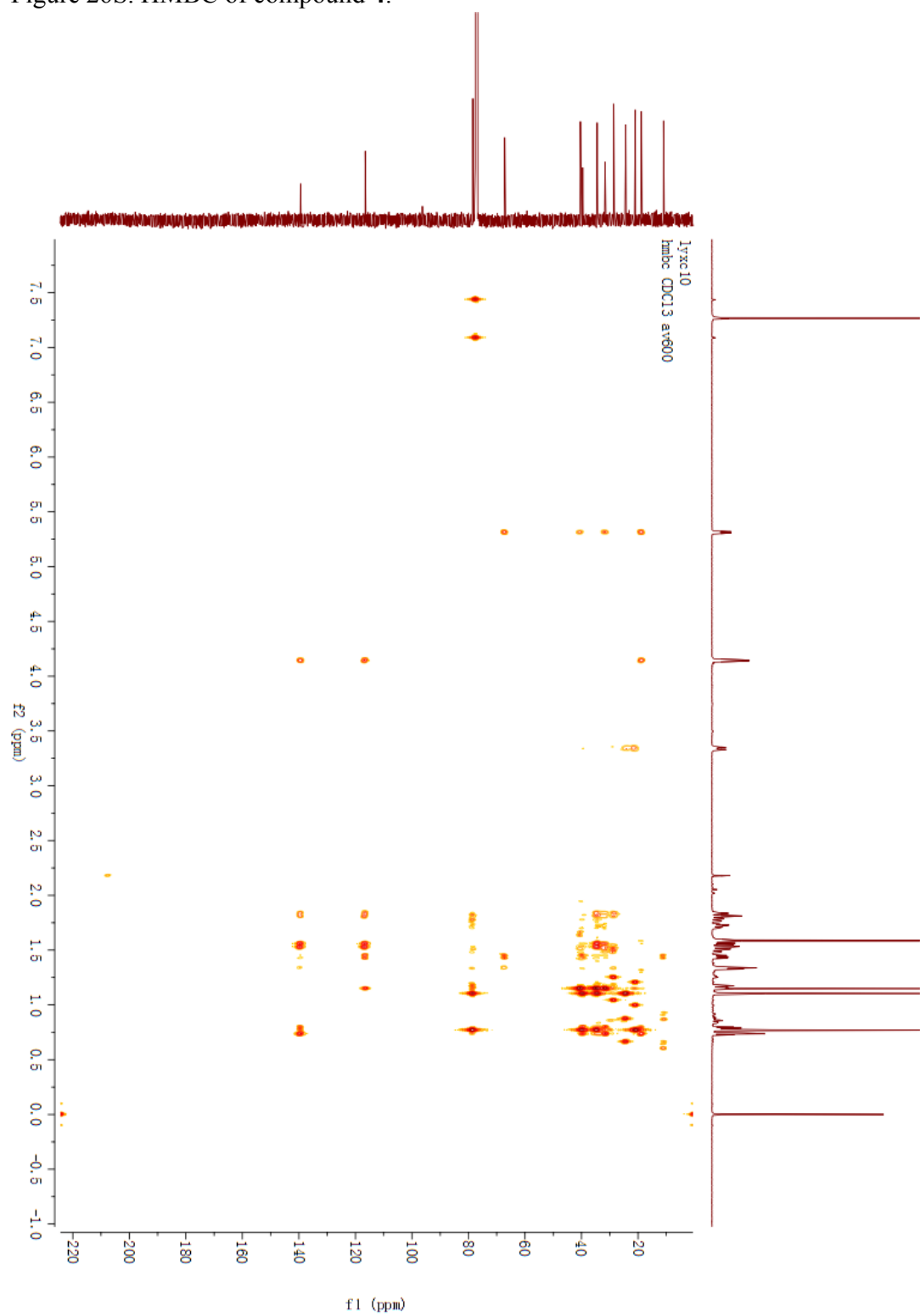


Figure 27S. ^1H - ^1H COSY of compound 4.

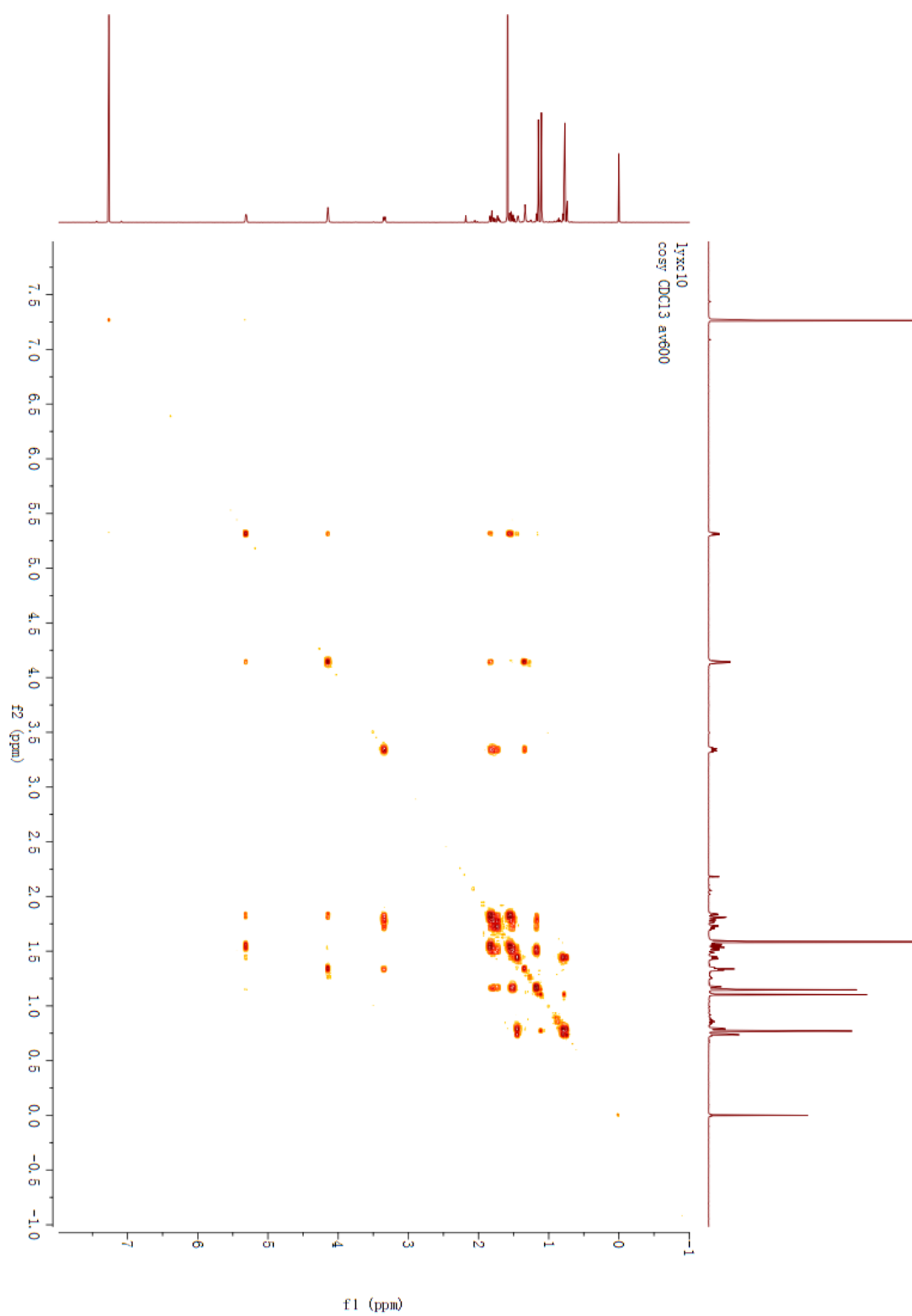


Figure 28S. ROESY of compound **4**.

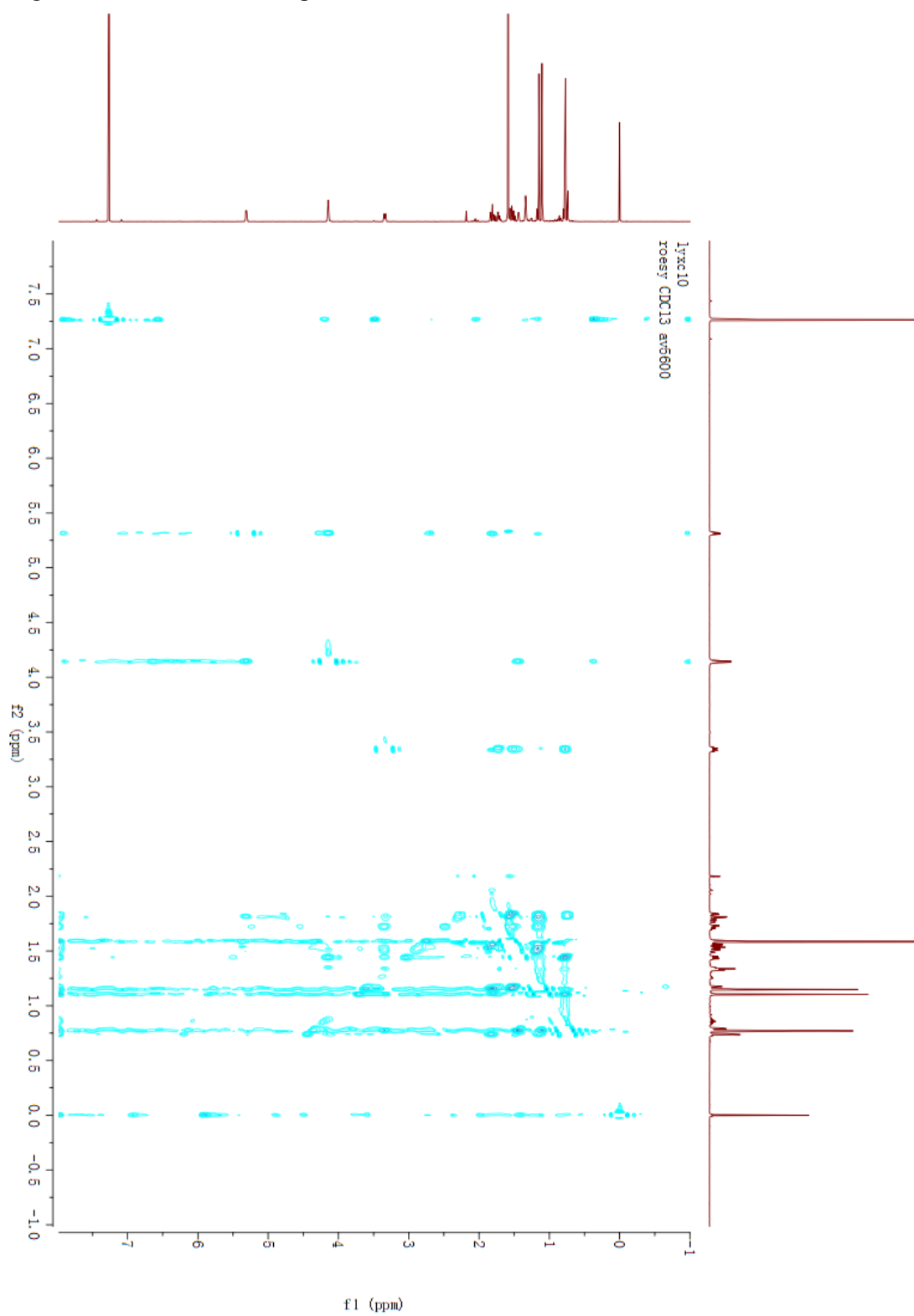


Figure 29S. HRESIMS of compound 4.

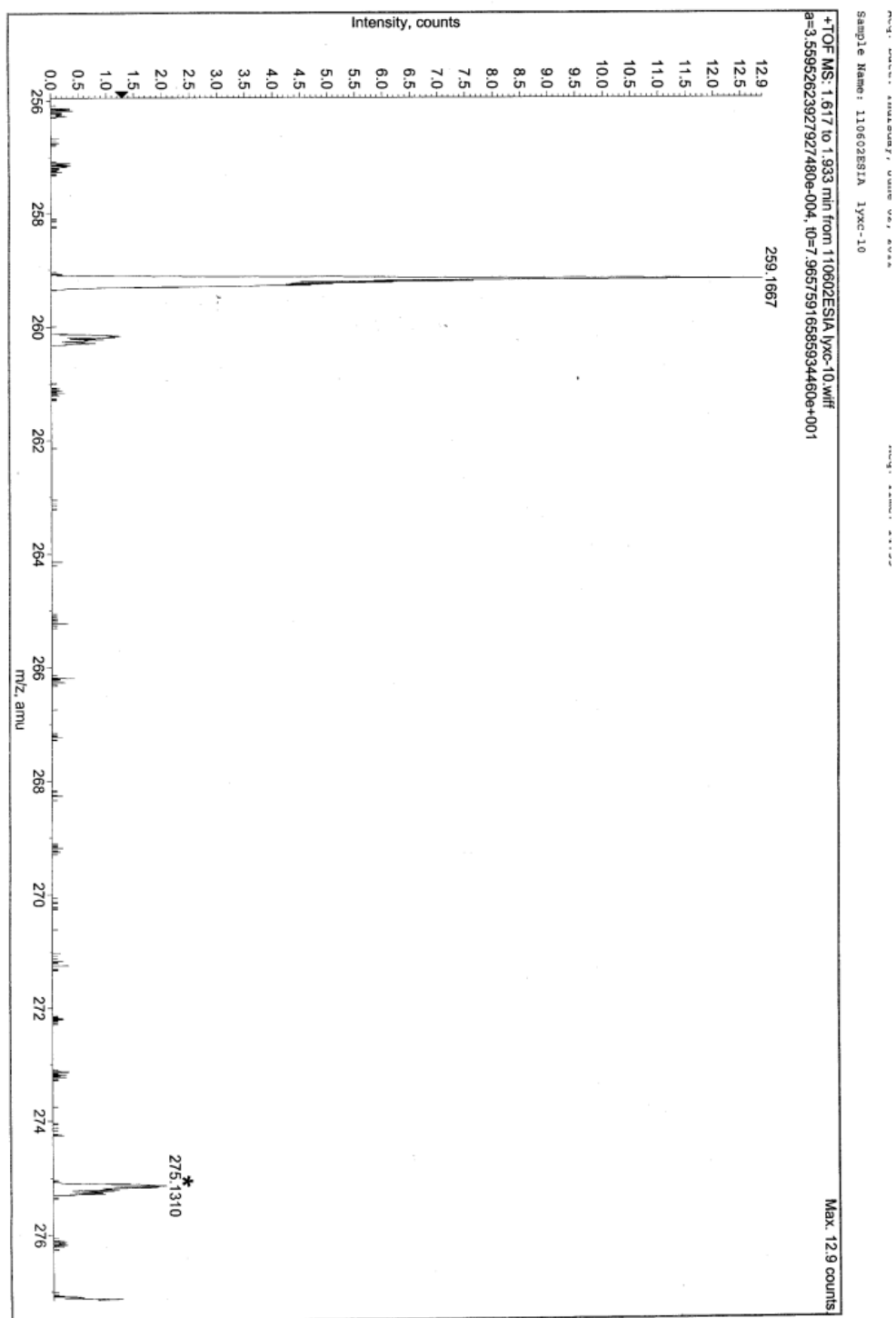


Figure 30S. ^1H NMR of compound **5**.

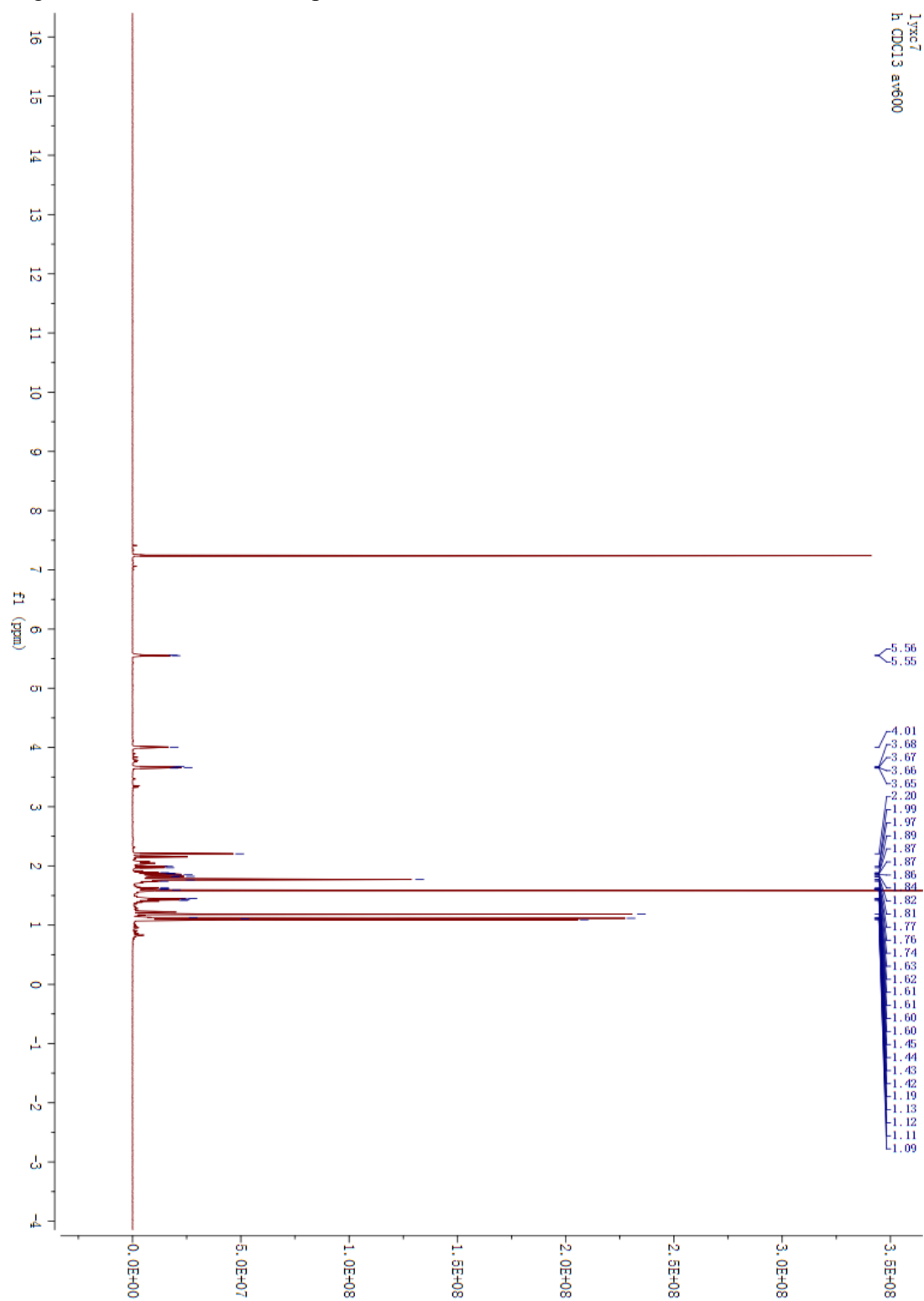


Figure 31S. ^{13}C NMR and DEPT of compound 5.

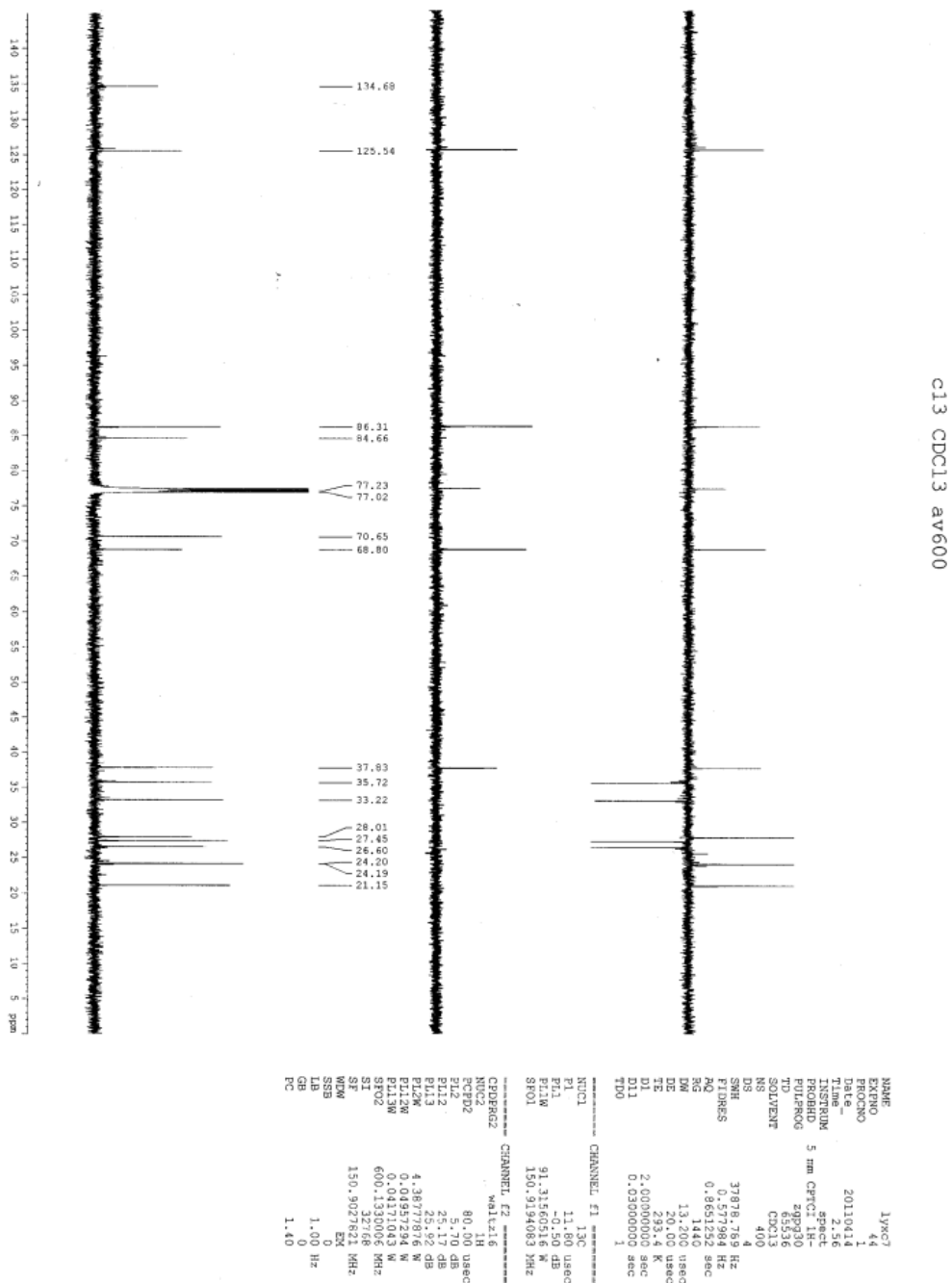


Figure 32S. HSQC of compound **5**.

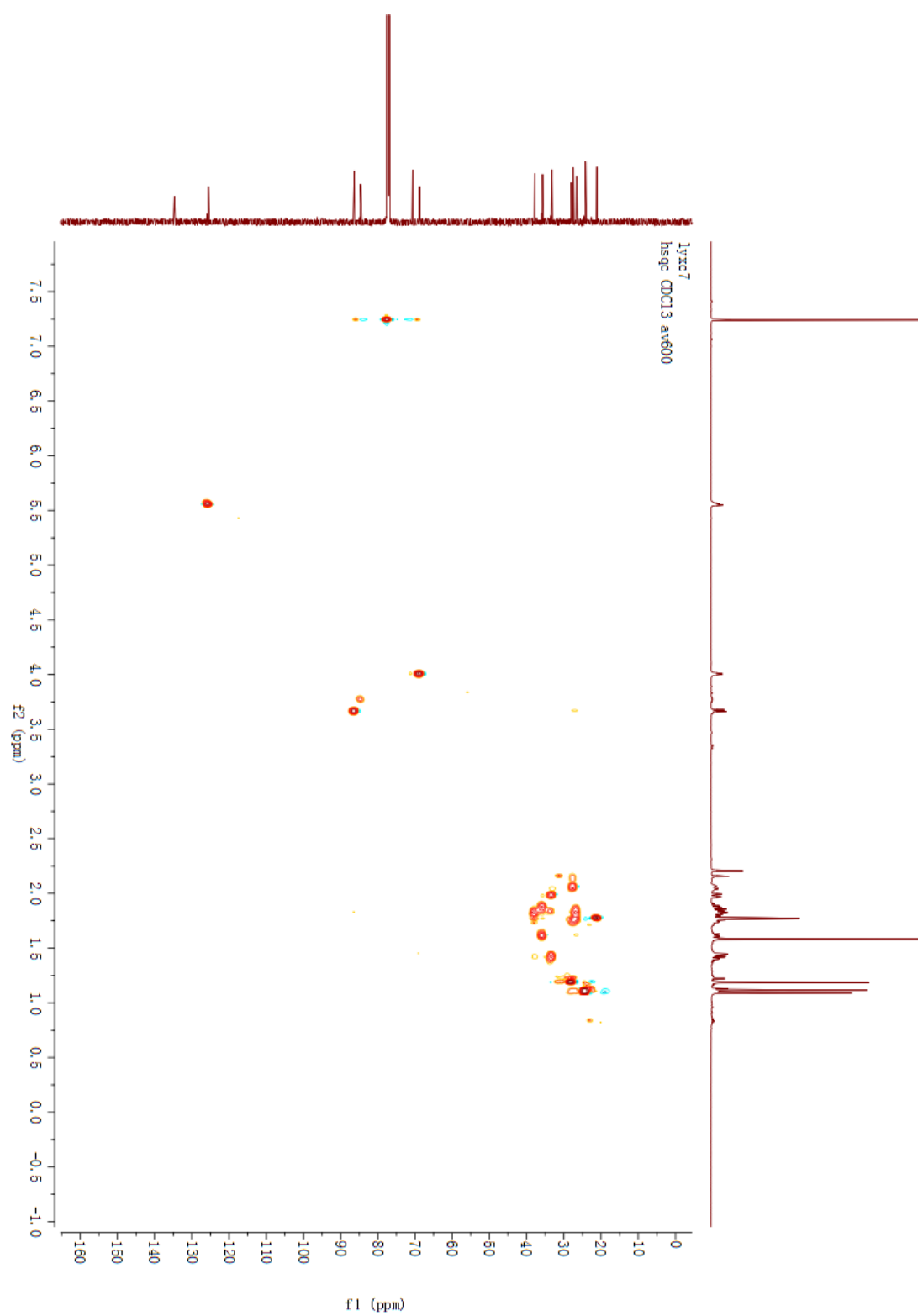


Figure 33S. HMBC of compound **5**.

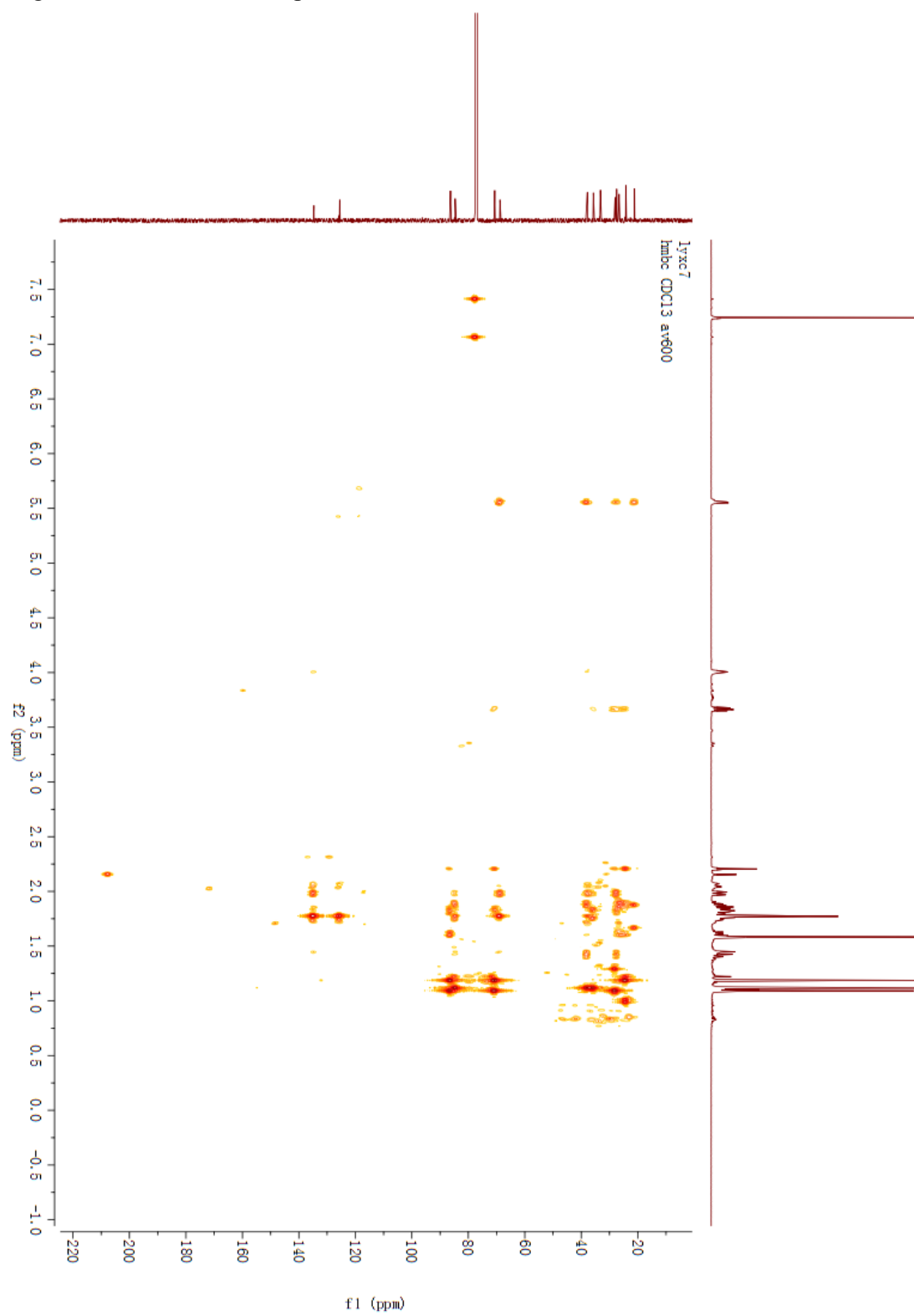


Figure 34S. ^1H - ^1H COSY of compound **5**.

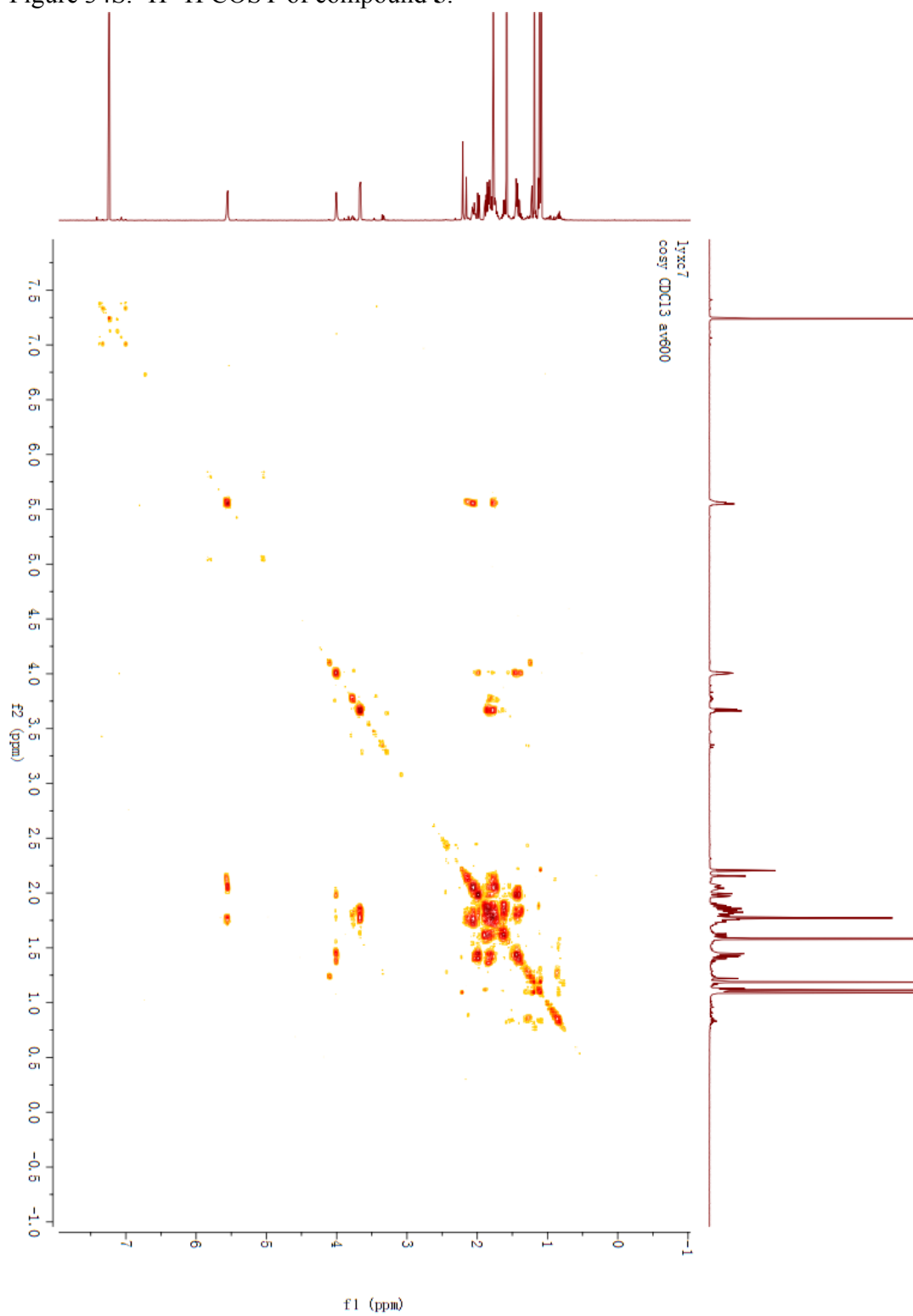


Figure 35S. ROESY of compound **5**.

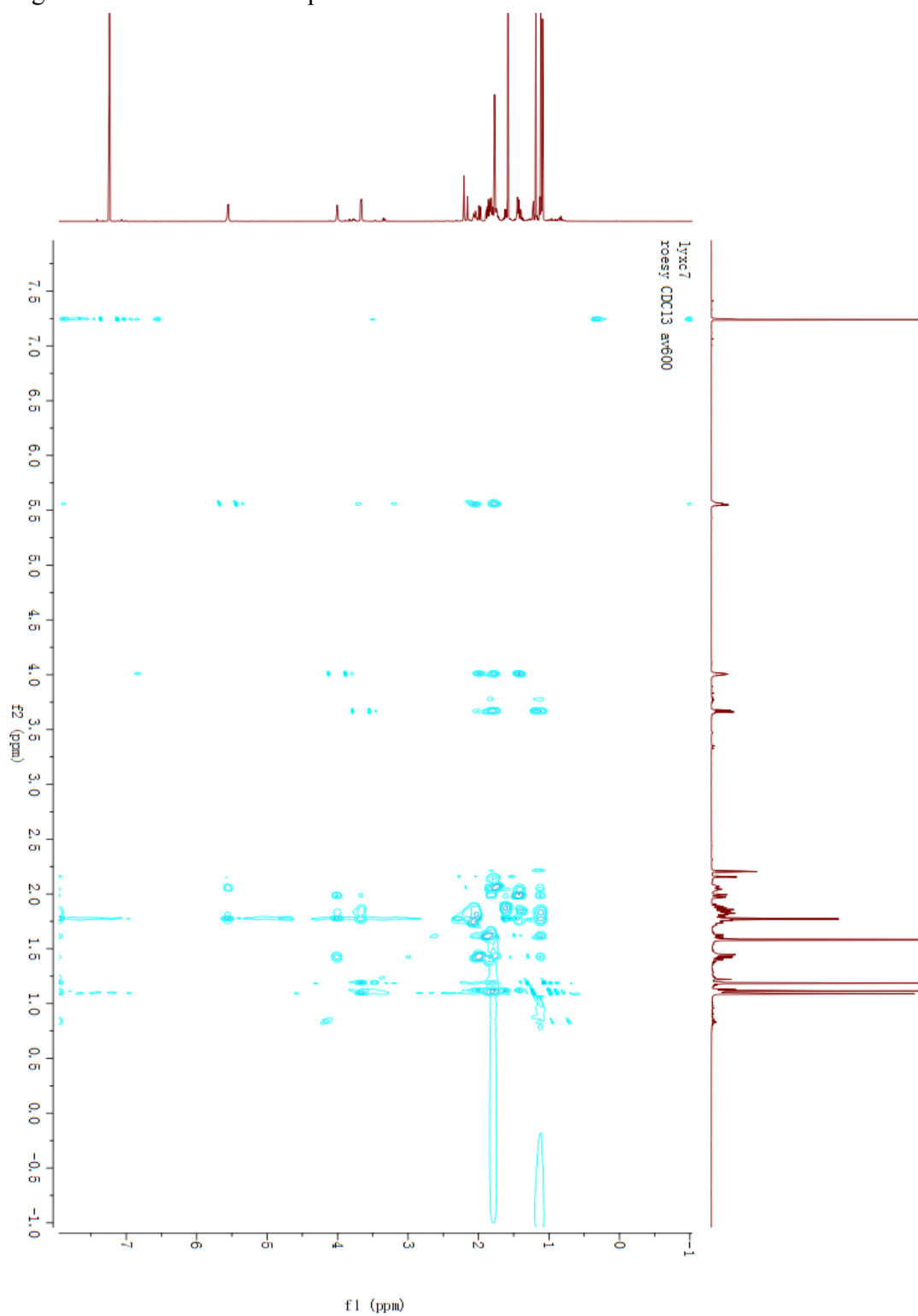


Figure 36S. HRESIMS of compound 5.

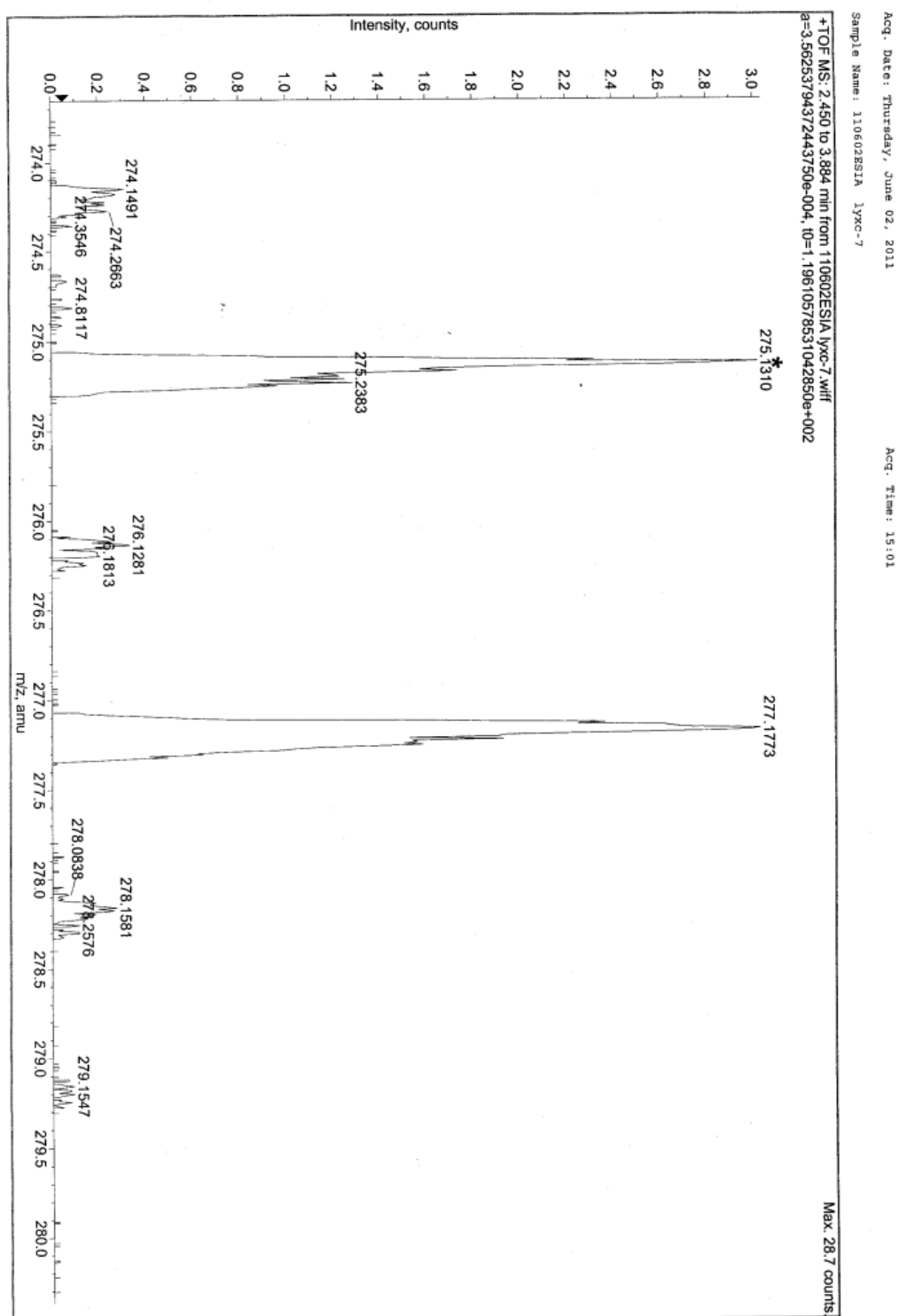


Figure 37S. ^1H NMR of compound **6**.

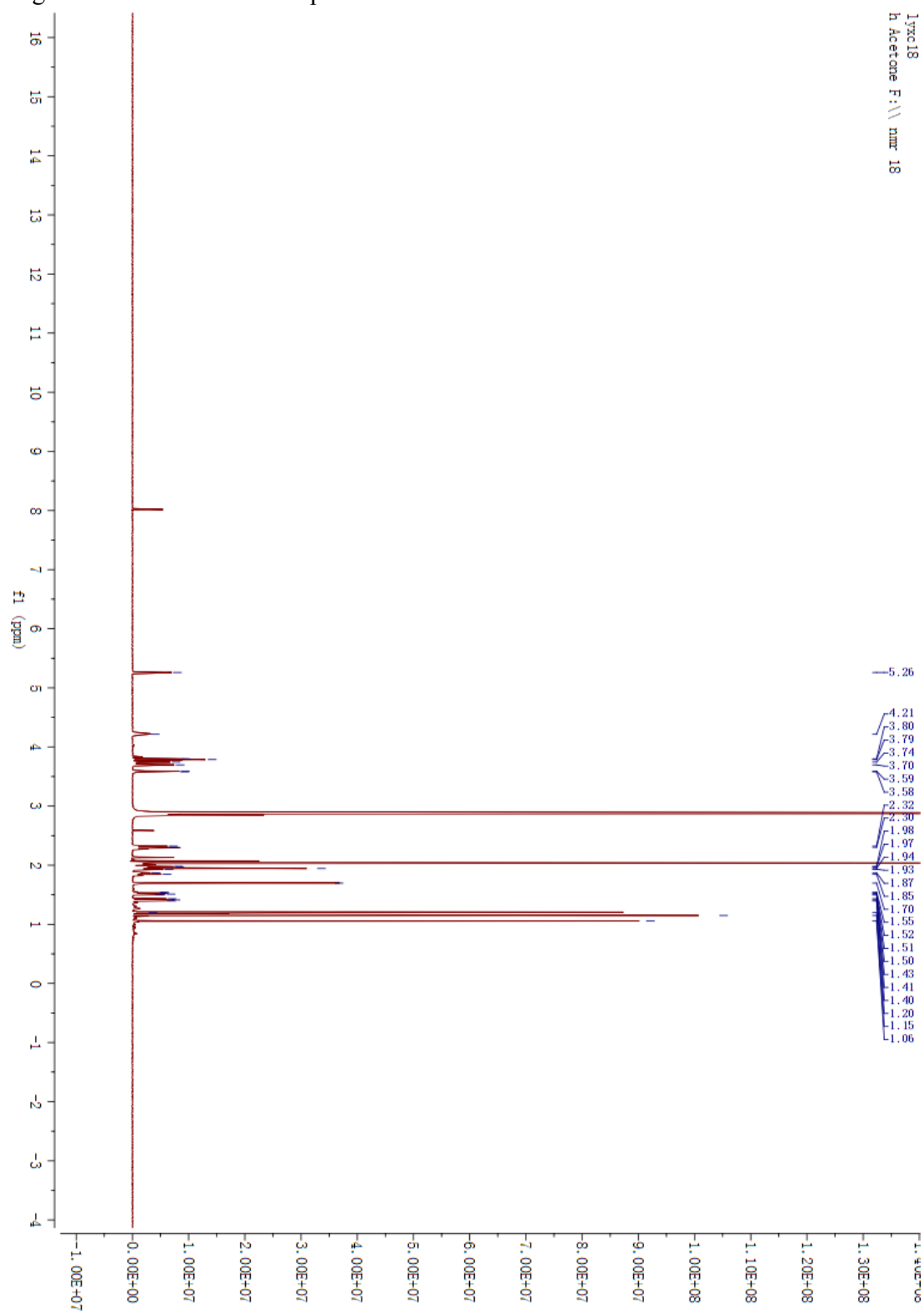


Figure 38S. ^{13}C NMR and DEPT of compound 6.

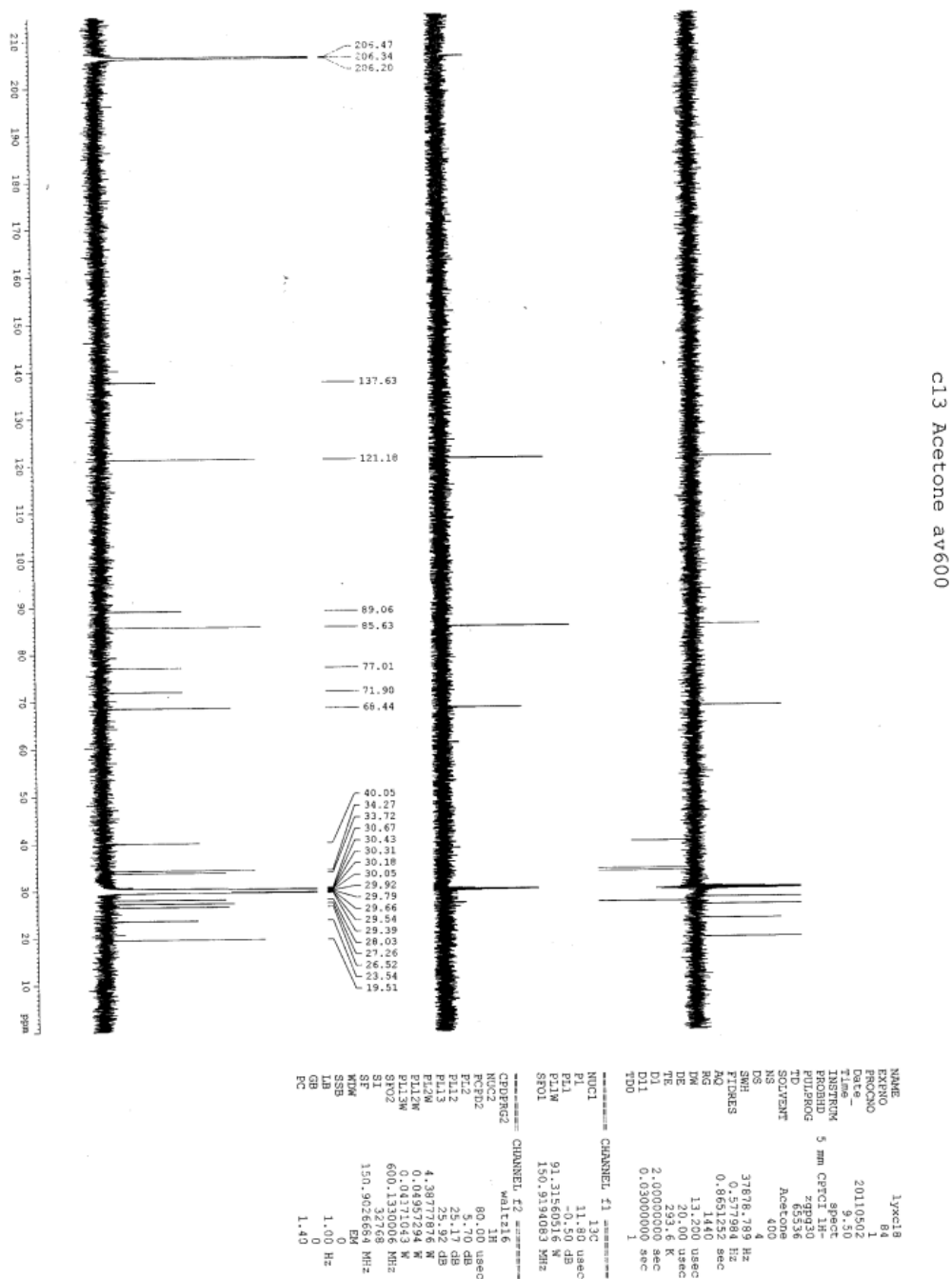


Figure 39S. HSQC of compound **6**.

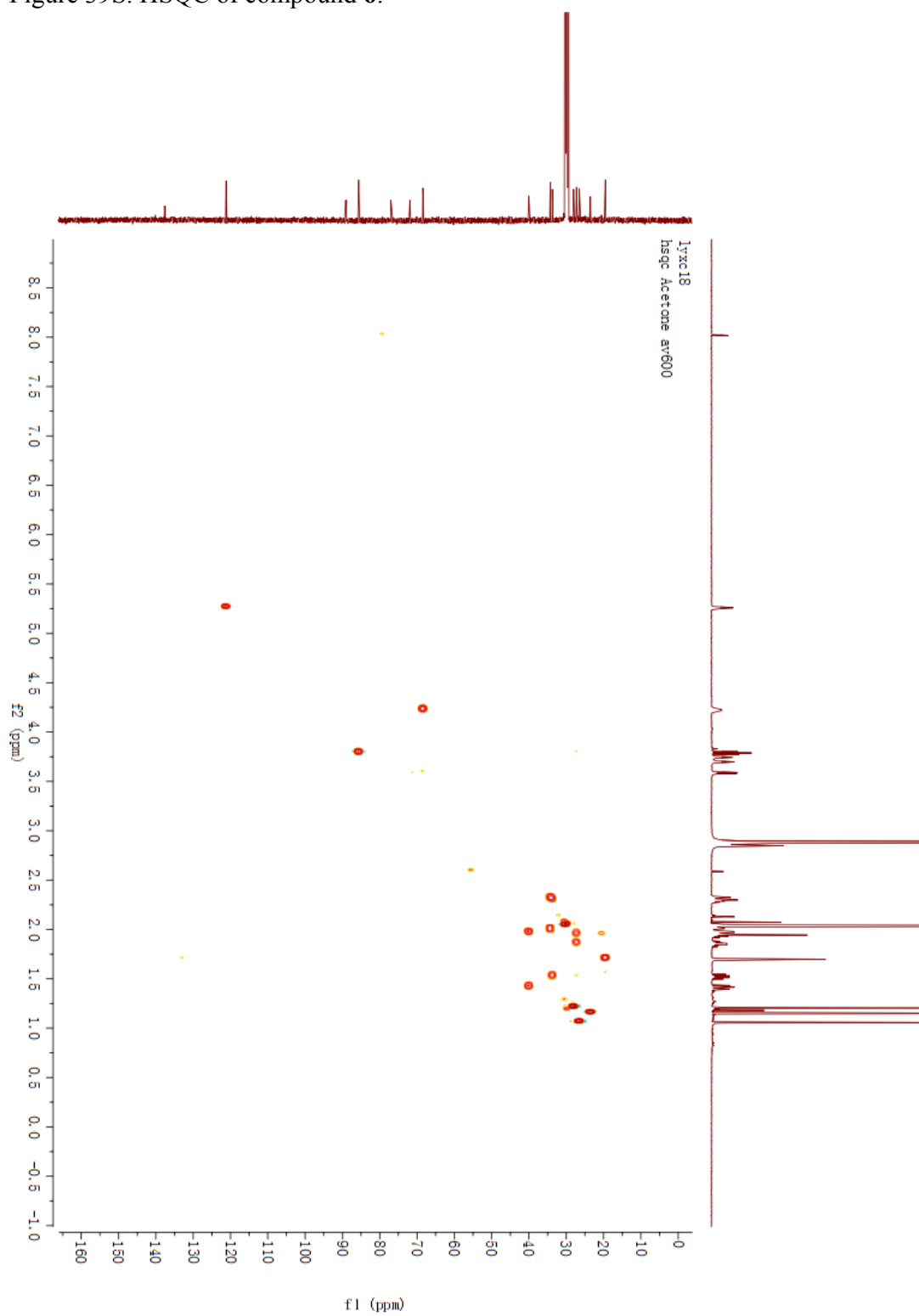


Figure 40S. HMBC of compound 6.

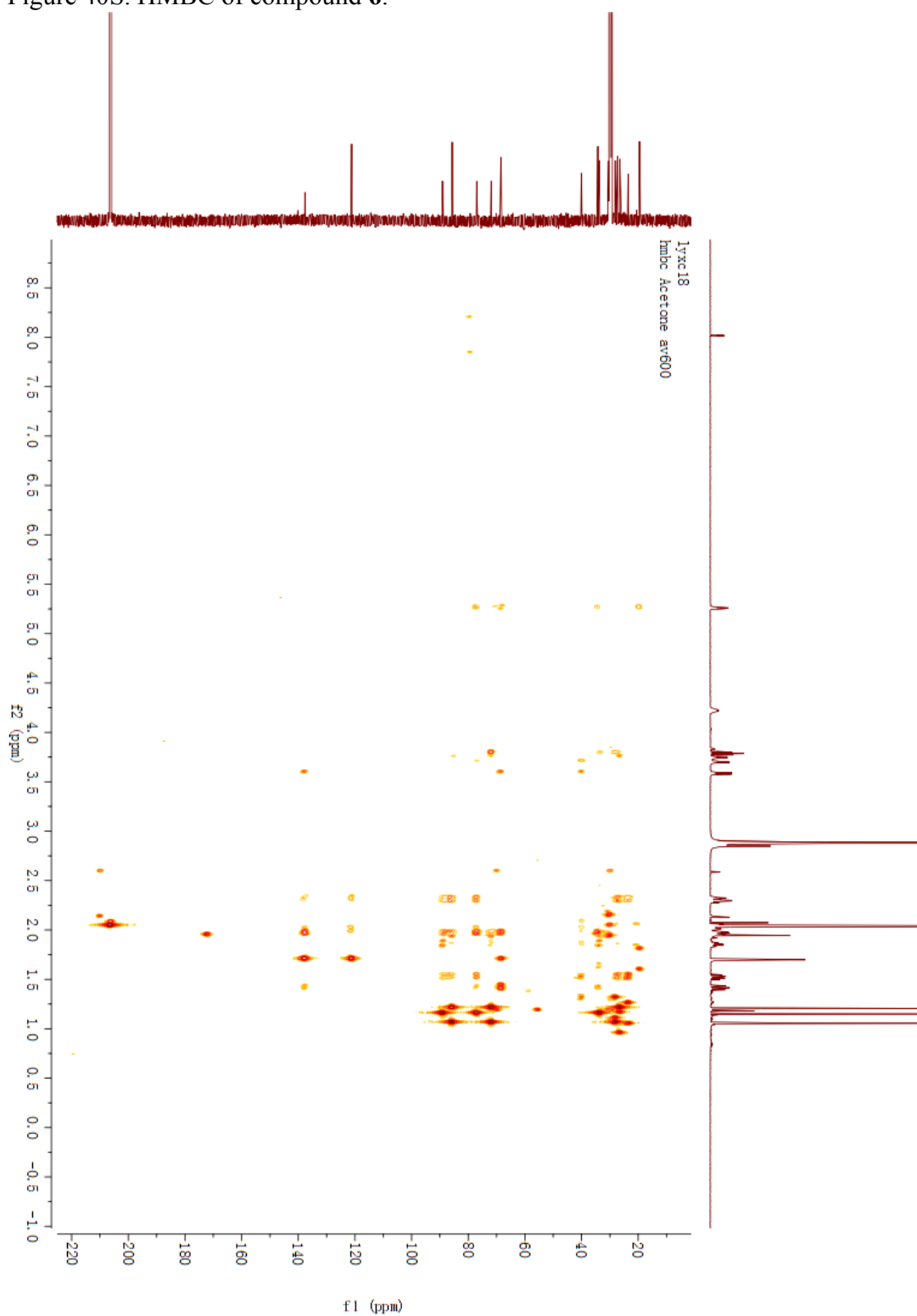


Figure 41S. HRESIMS of compound 6.

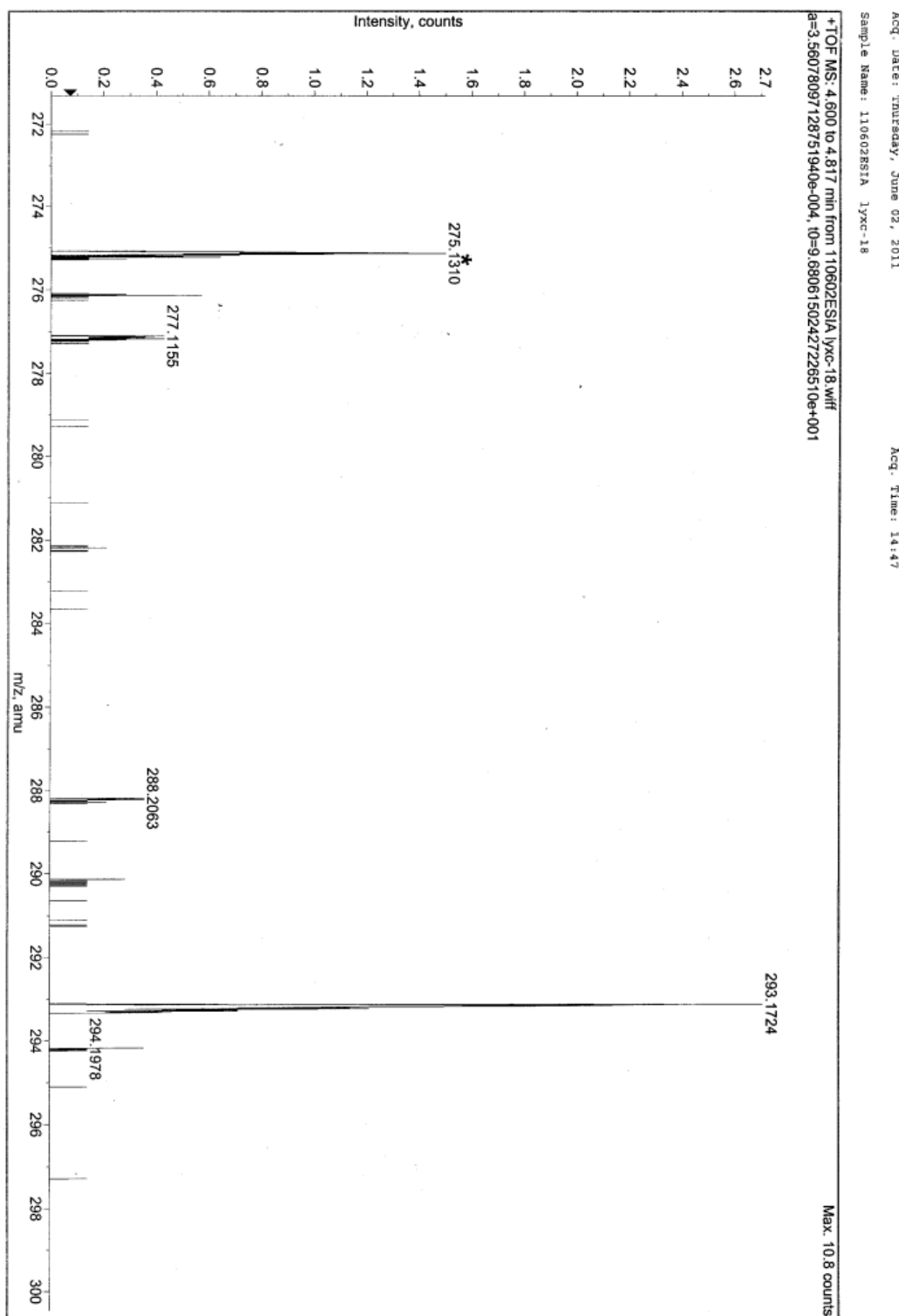


Figure 42S. ^1H NMR of compound 7.

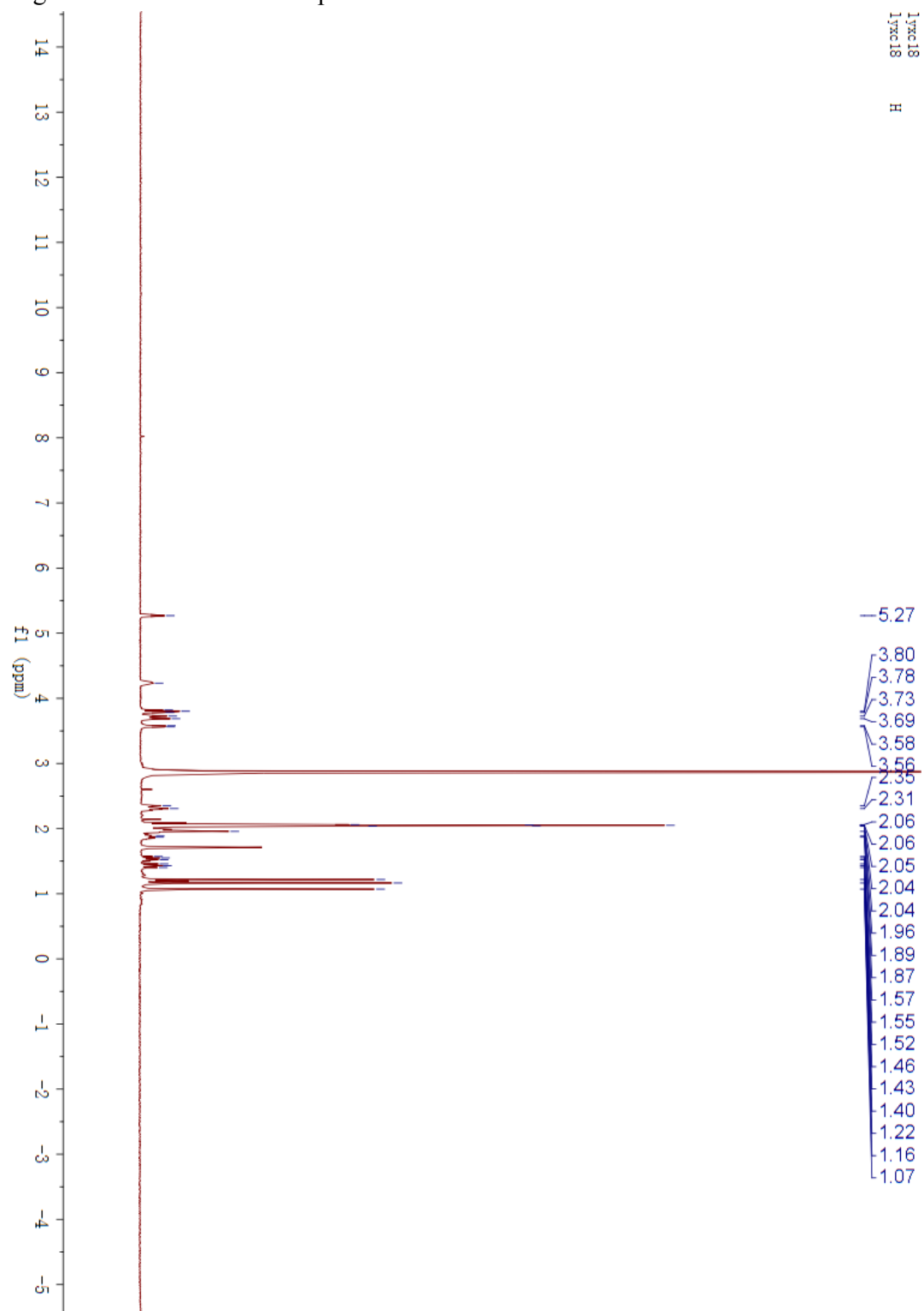


Figure 43S. ^{13}C NMR of compound 7.

