

# Supplementary Materials

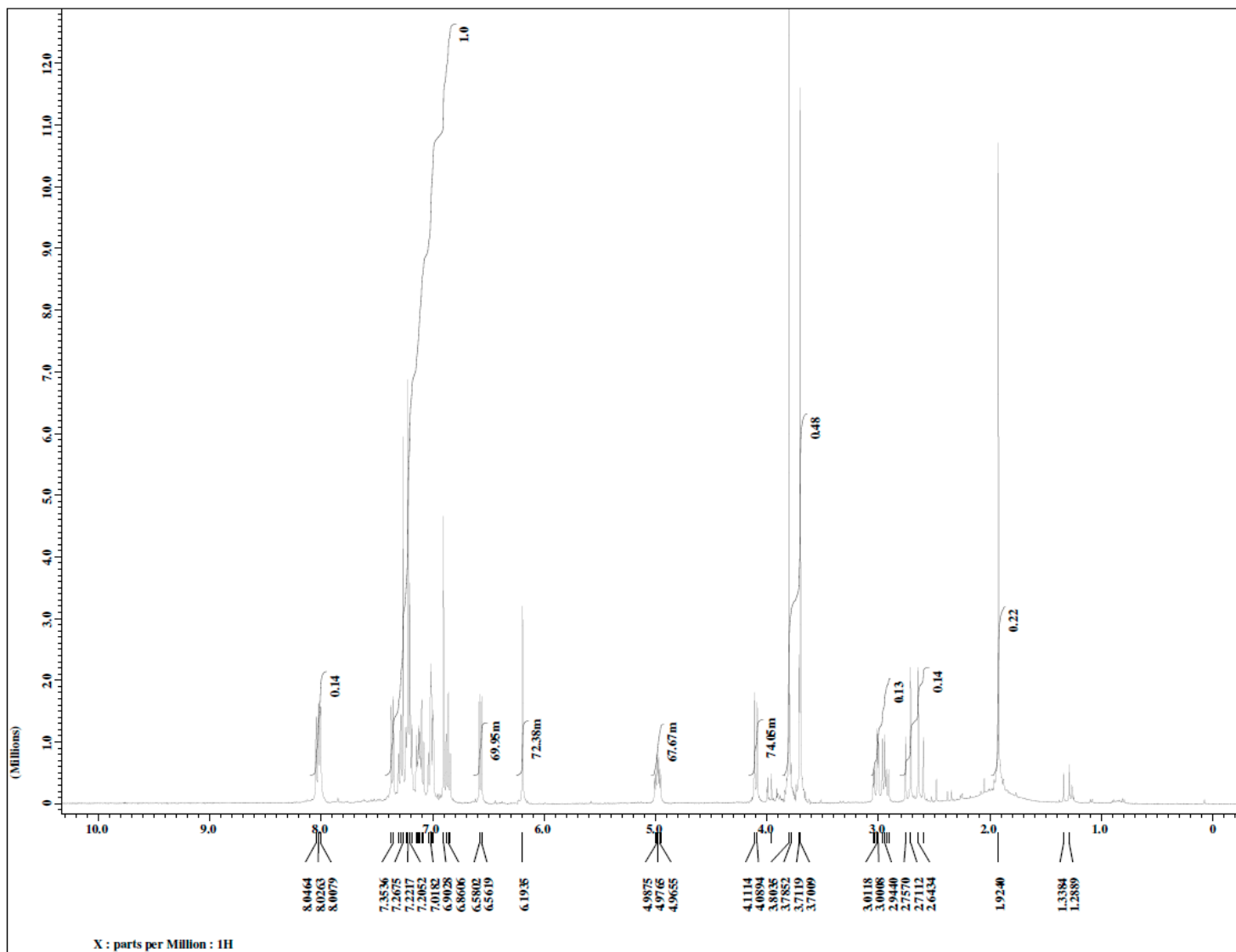


Figure S1.  $^1\text{H-NMR}$  spectrum of **4b**.

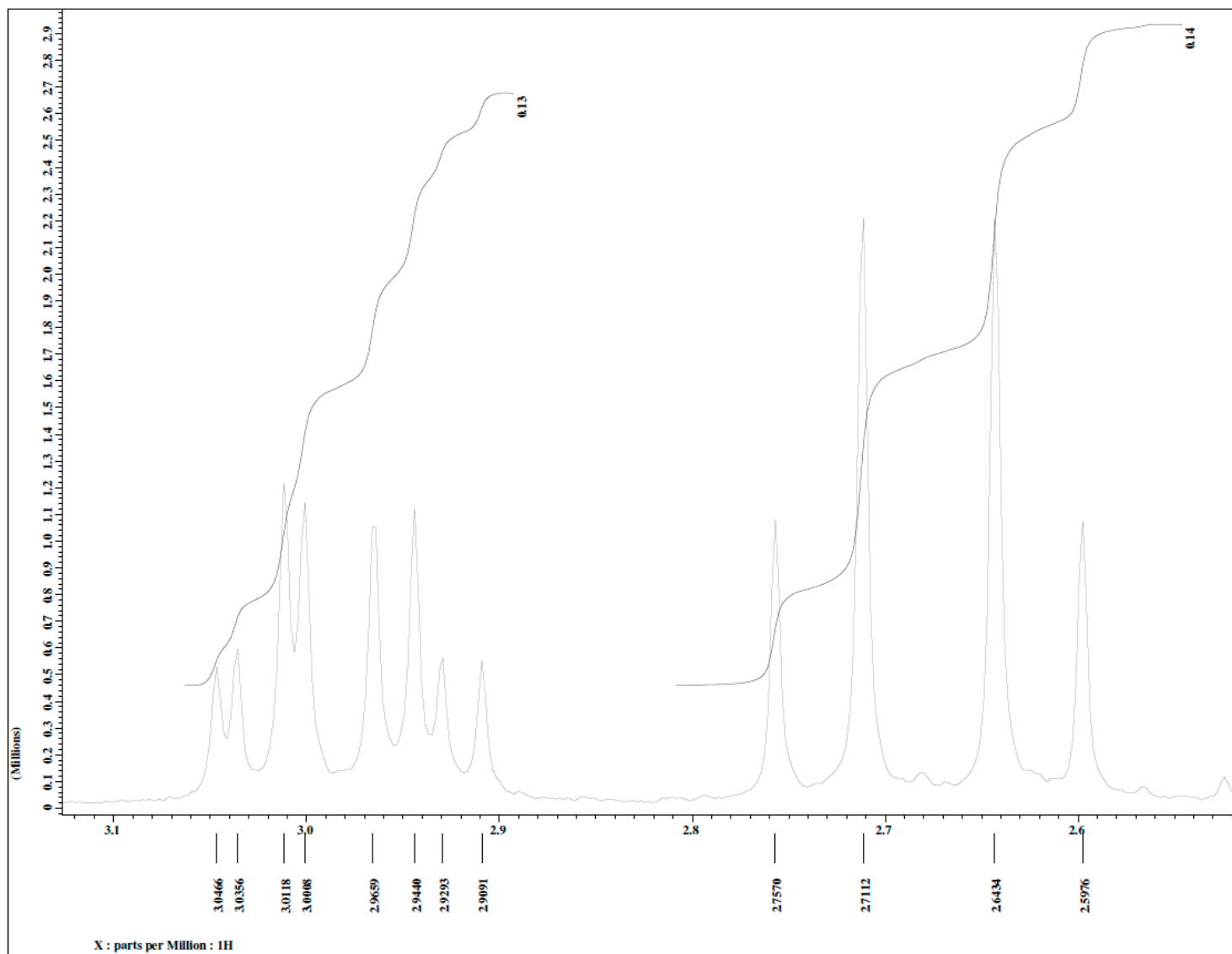


Figure S2.  $^1\text{H-NMR}$  spectrum of **4b** (Expansion).

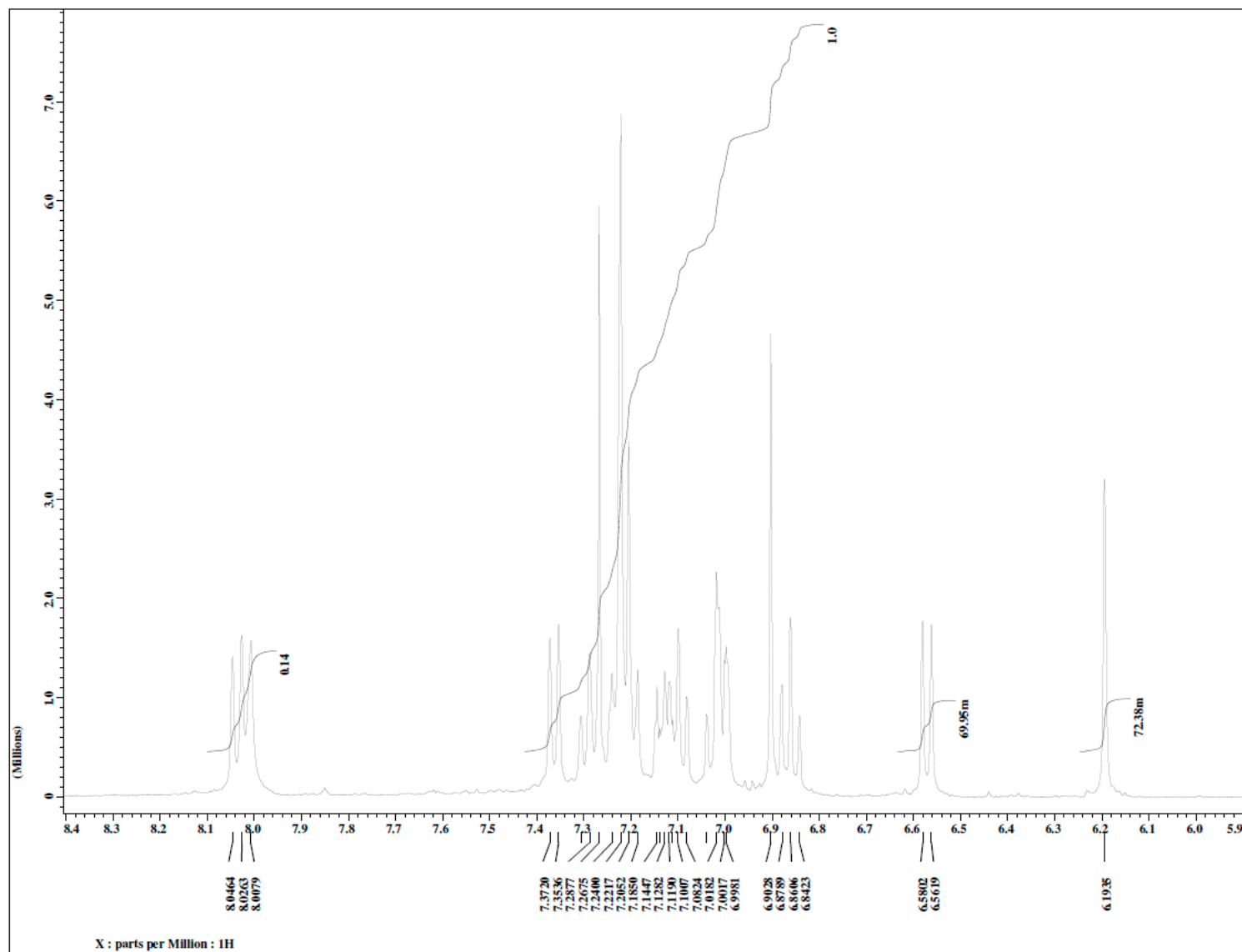


Figure S3.  $^1\text{H}$ -NMR spectrum of **4b** (Expansion).

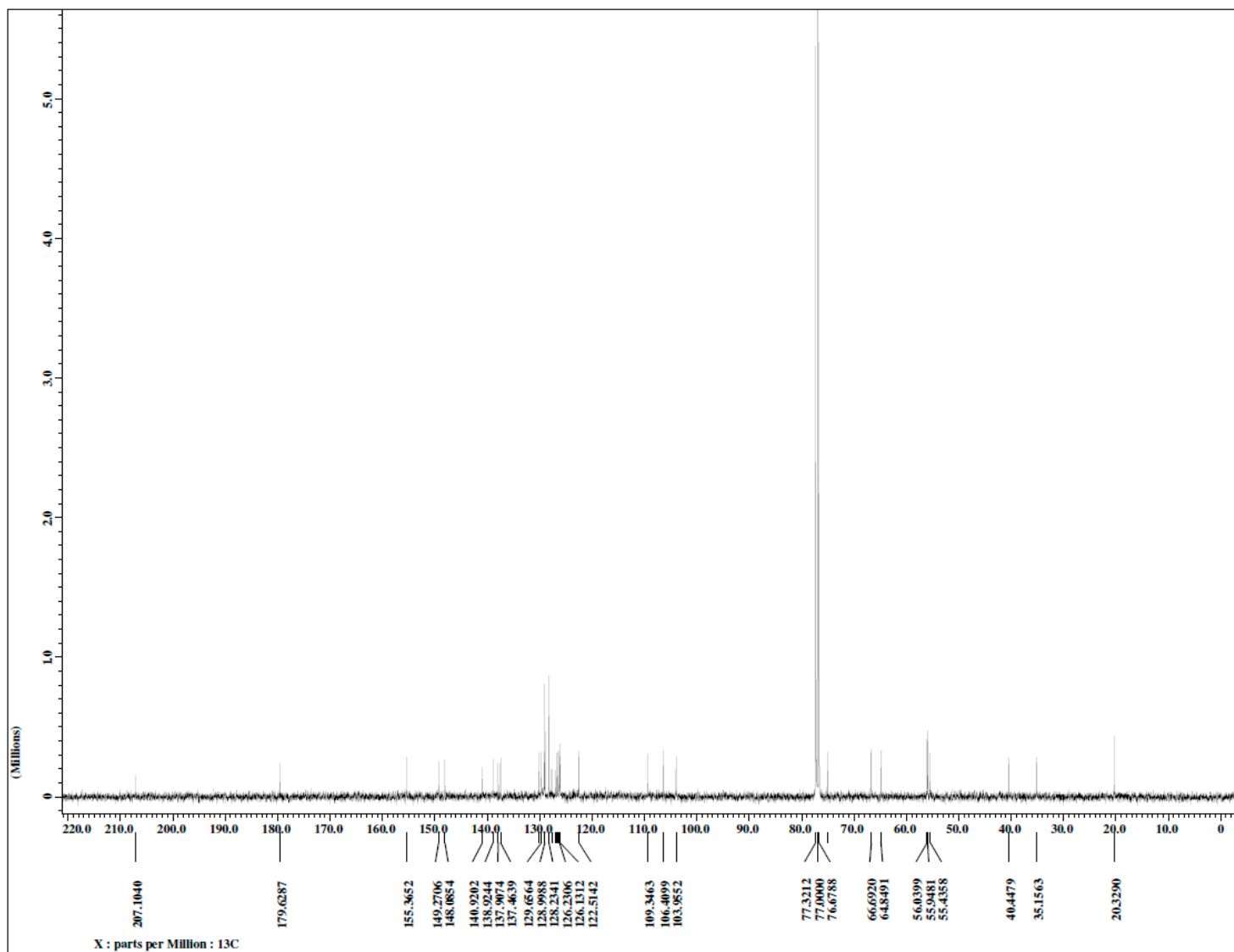


Figure S4.  $^{13}\text{C}$ -NMR spectrum of **4b**.

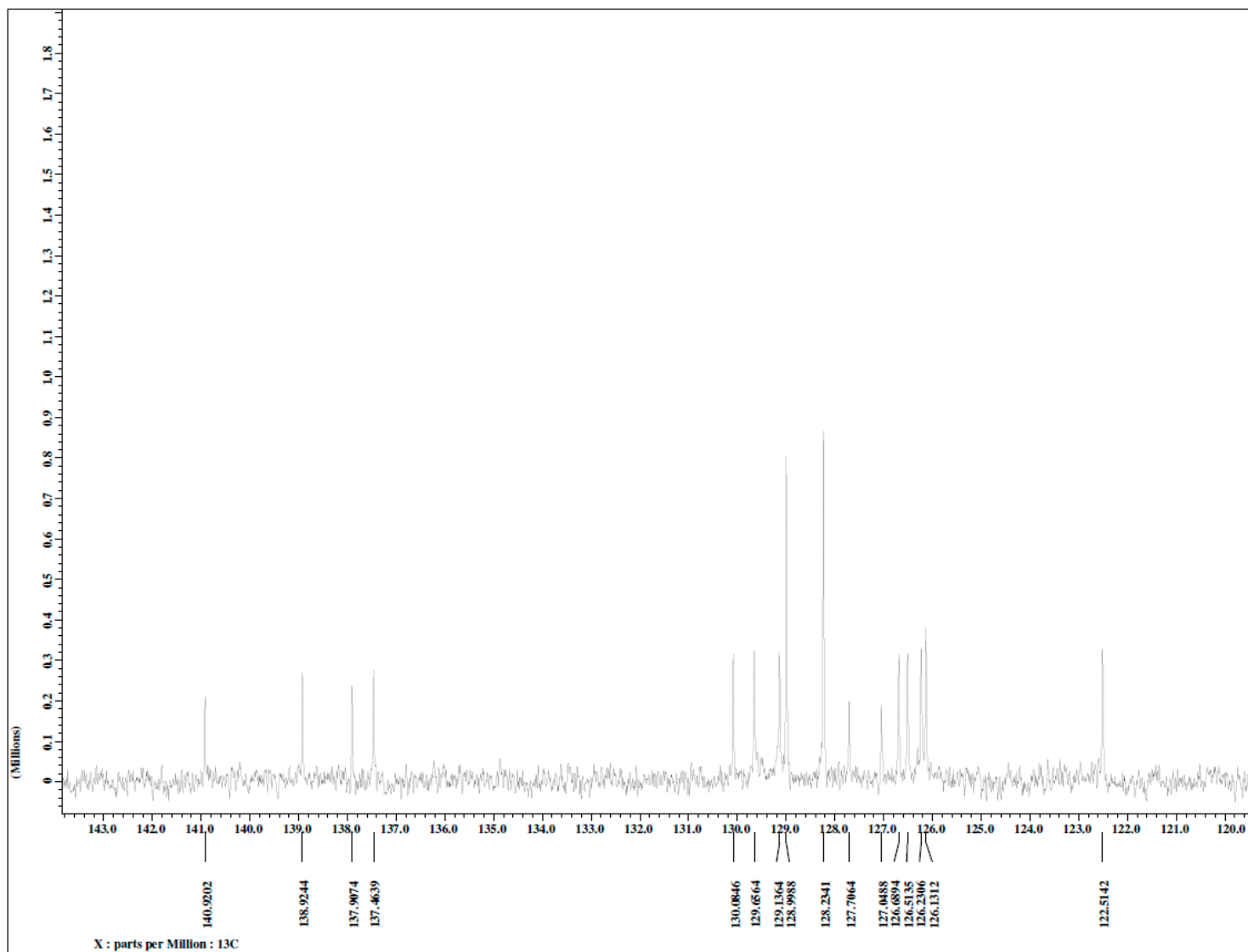


Figure S5.  $^{13}\text{C}$ -NMR spectrum of **4b** (Expansion).

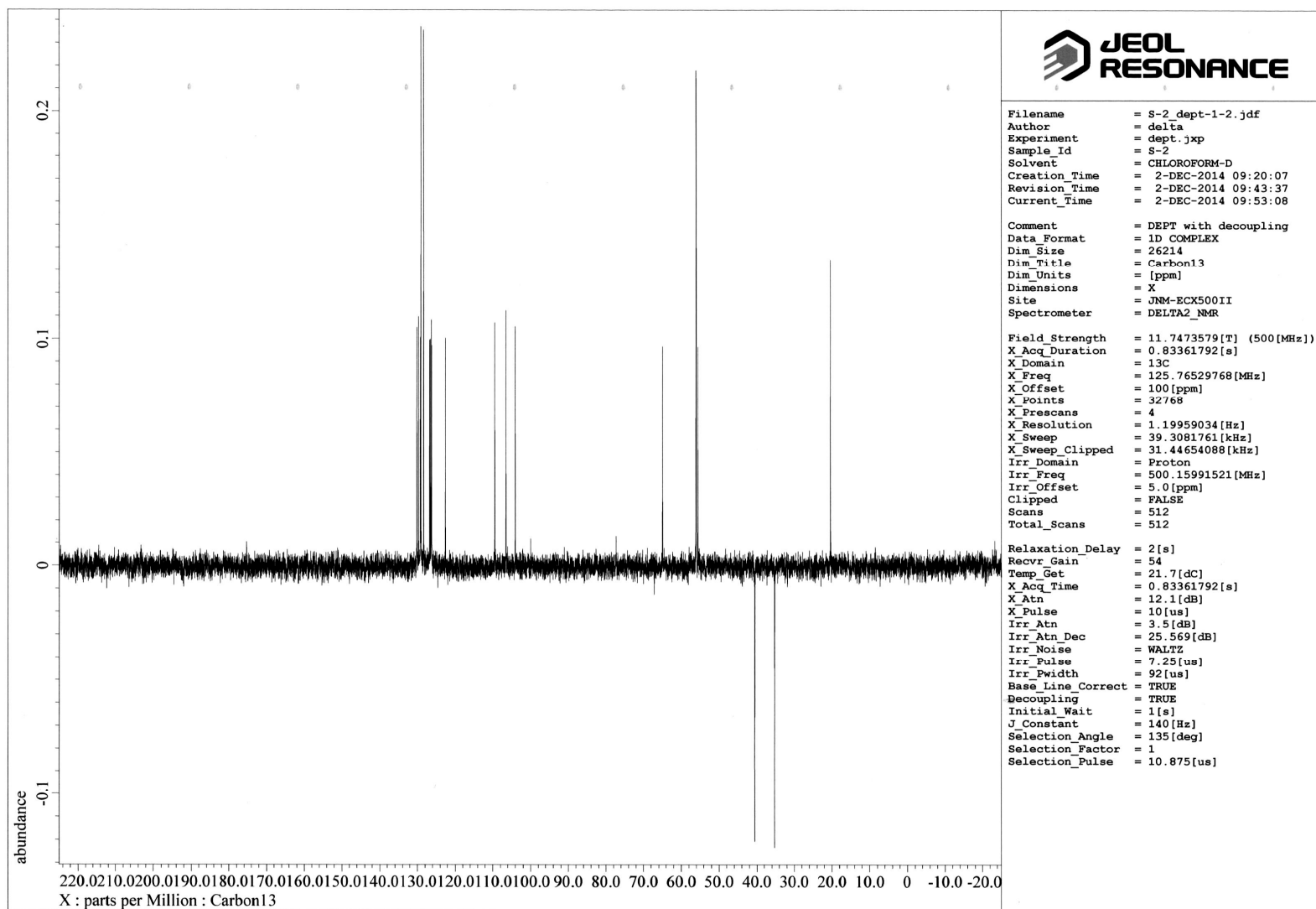


Figure S6. DEPT 135 NMR spectrum of **4b**.

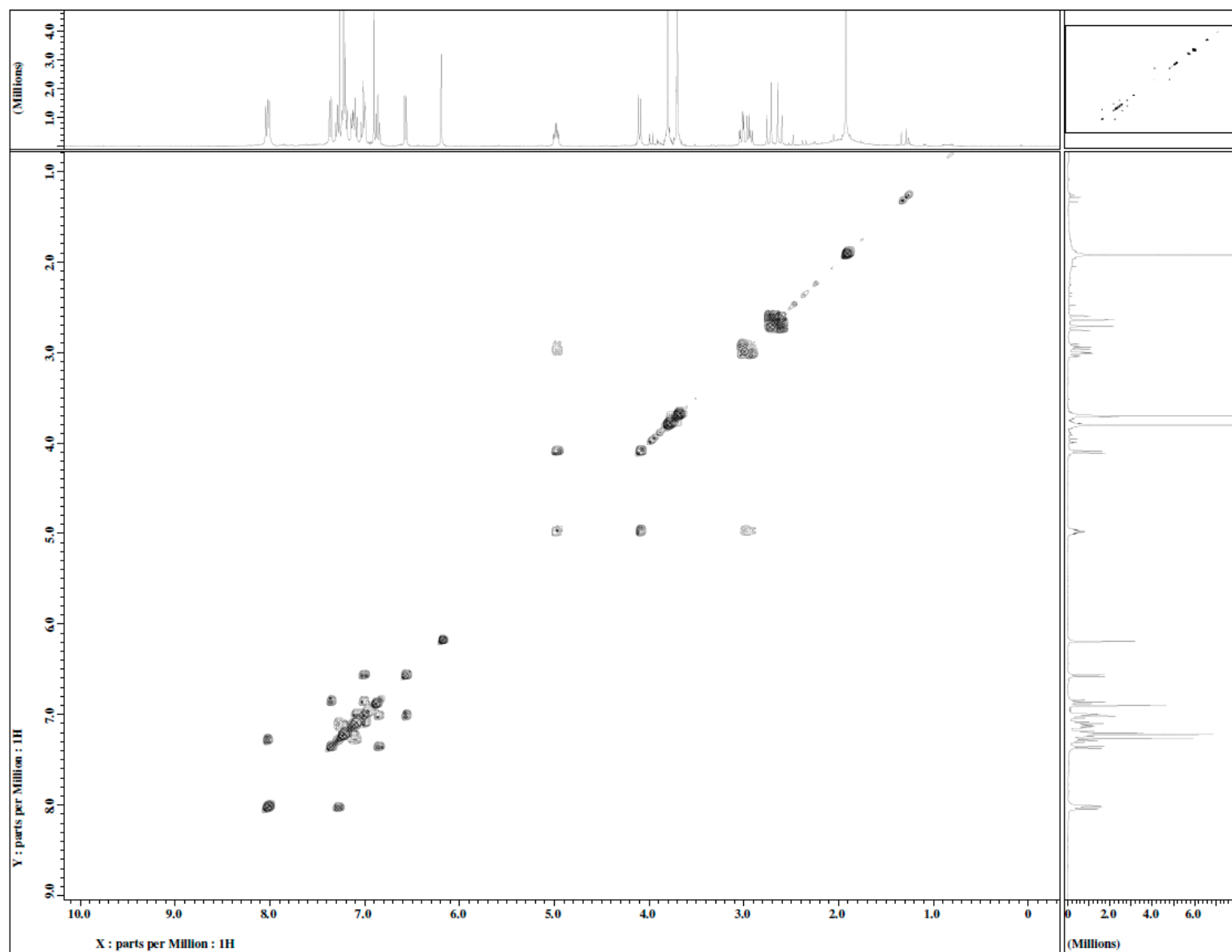


Figure S7. H,H-COSY NMR spectrum of 4b.

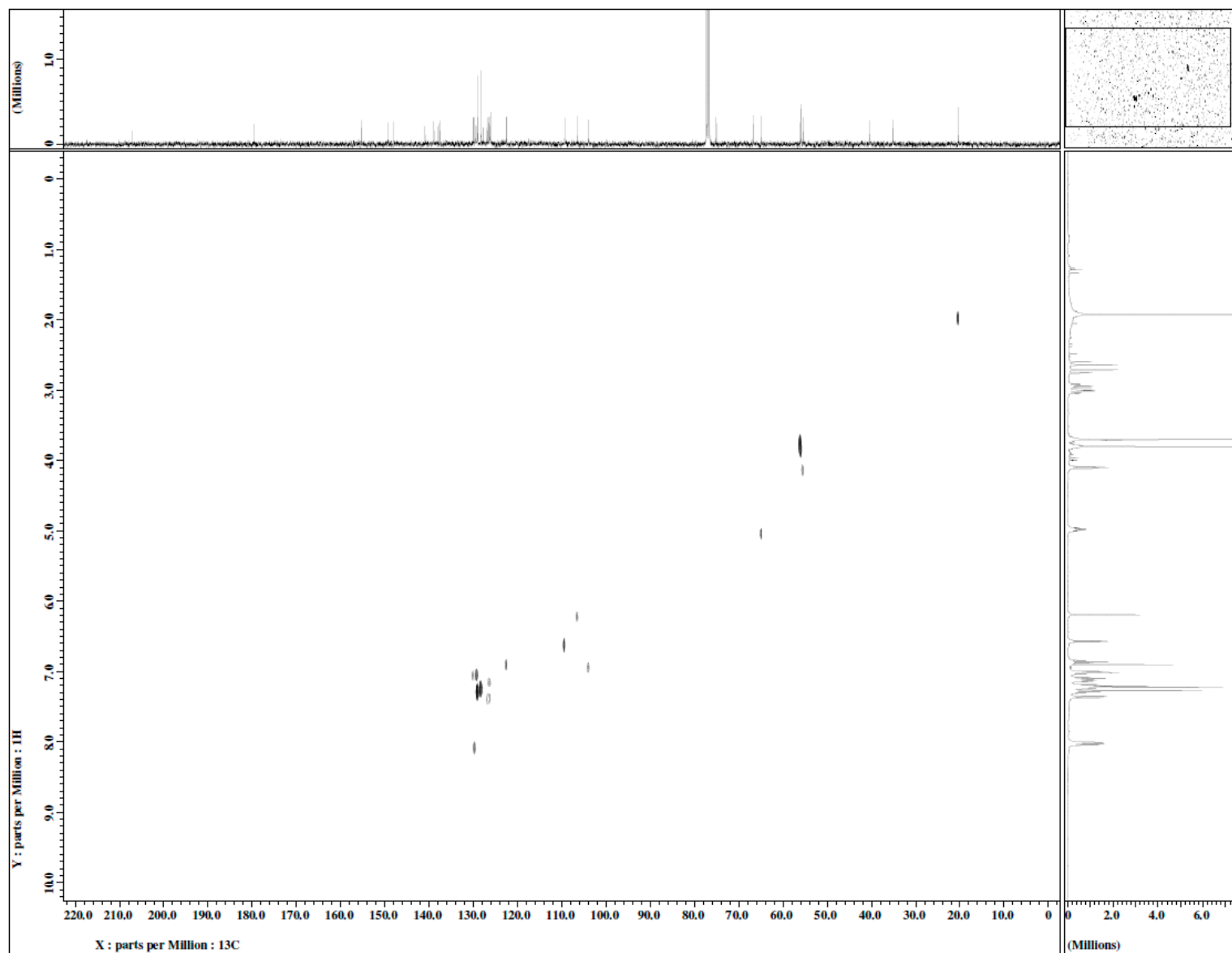


Figure S8. C,H-COSY NMR spectrum of 4b.



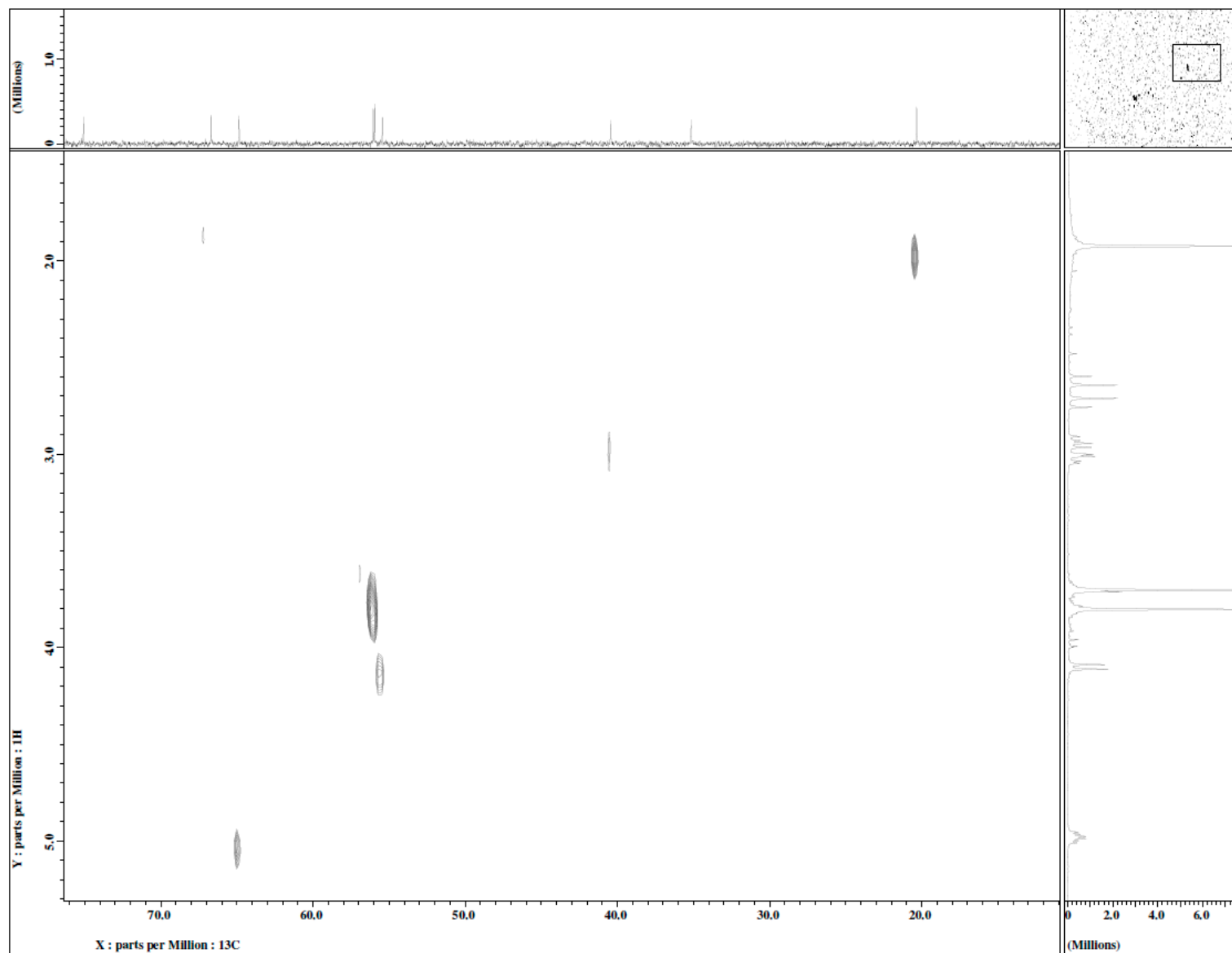


Figure S9. C,H-COSY NMR spectrum of **4b** (Expansion).

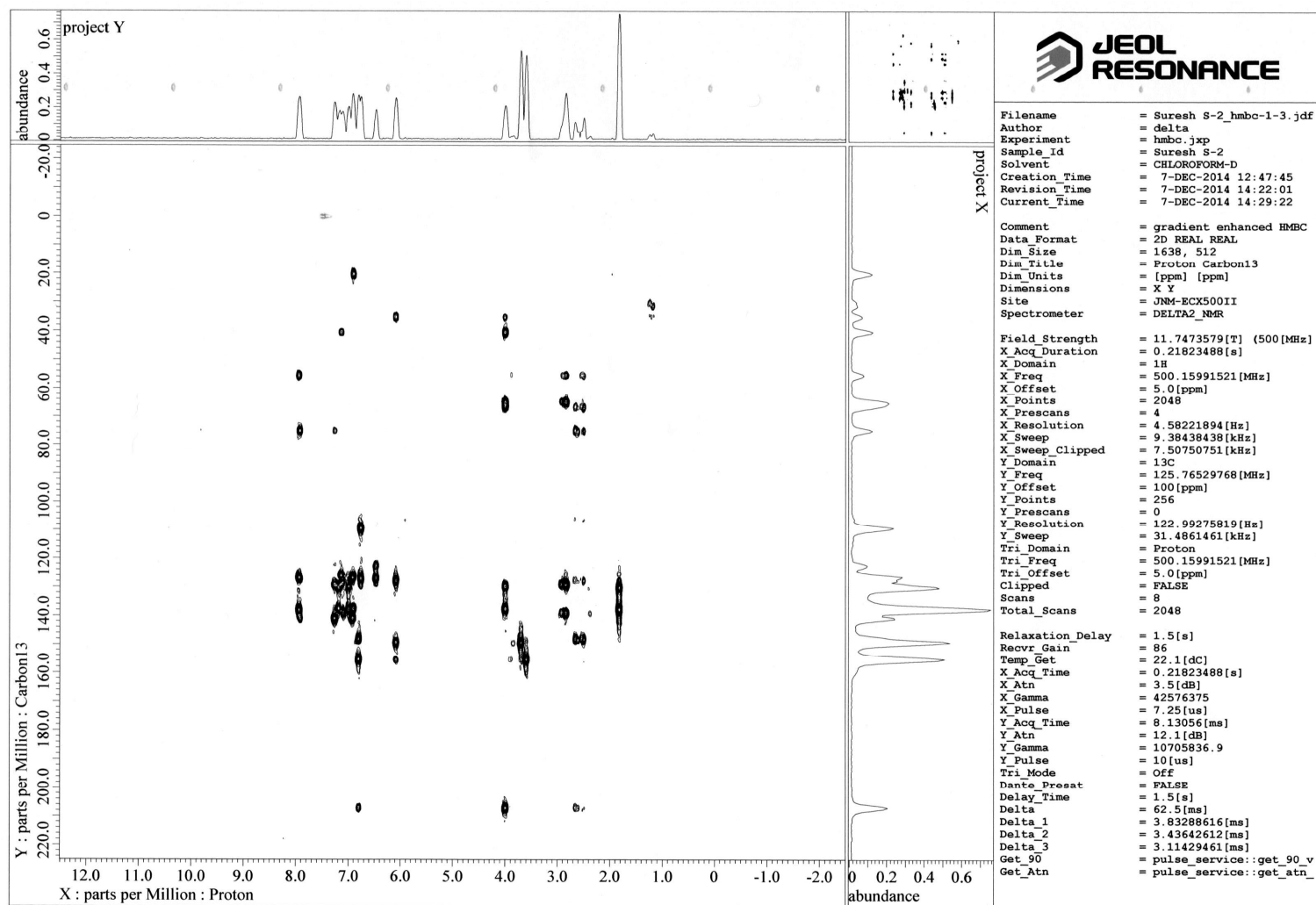
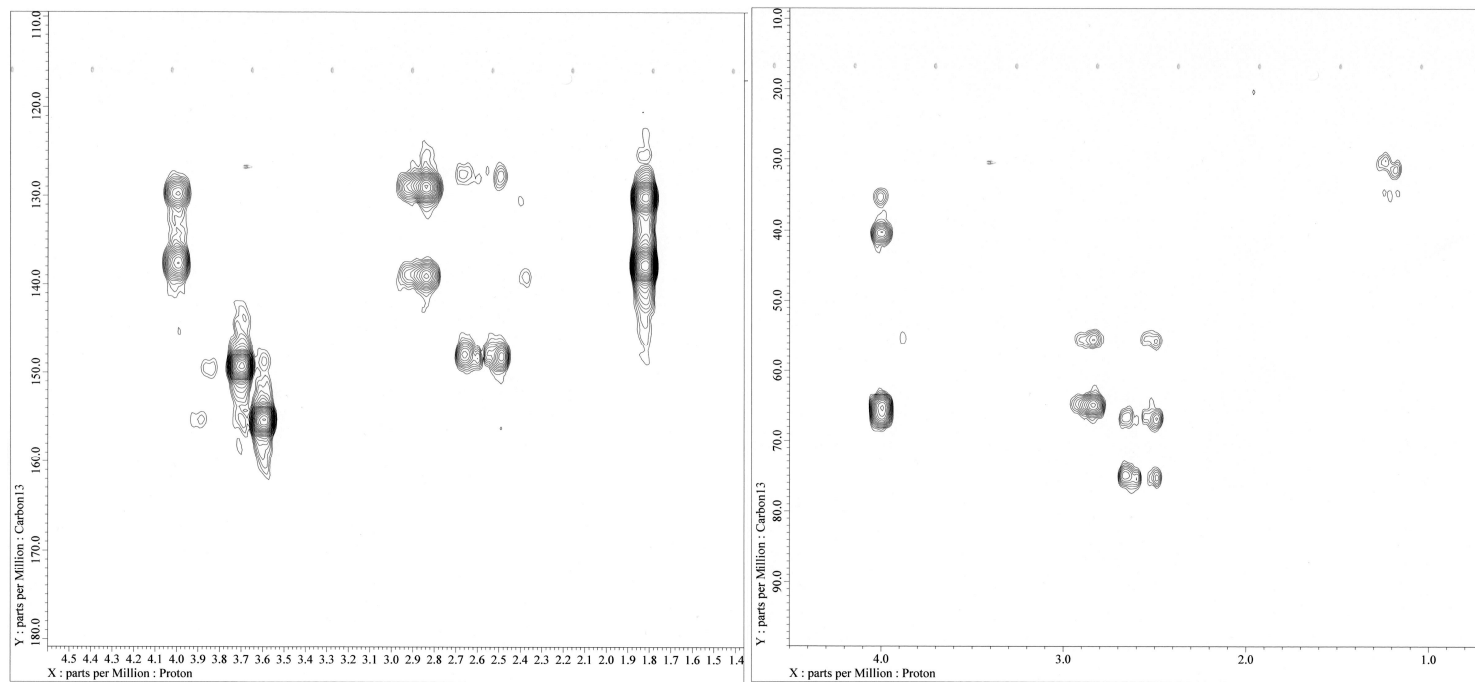


Figure S10. HMBC spectrum of 4b.



**Figure S11.** HMBC spectrum of **4b** (Expansion).

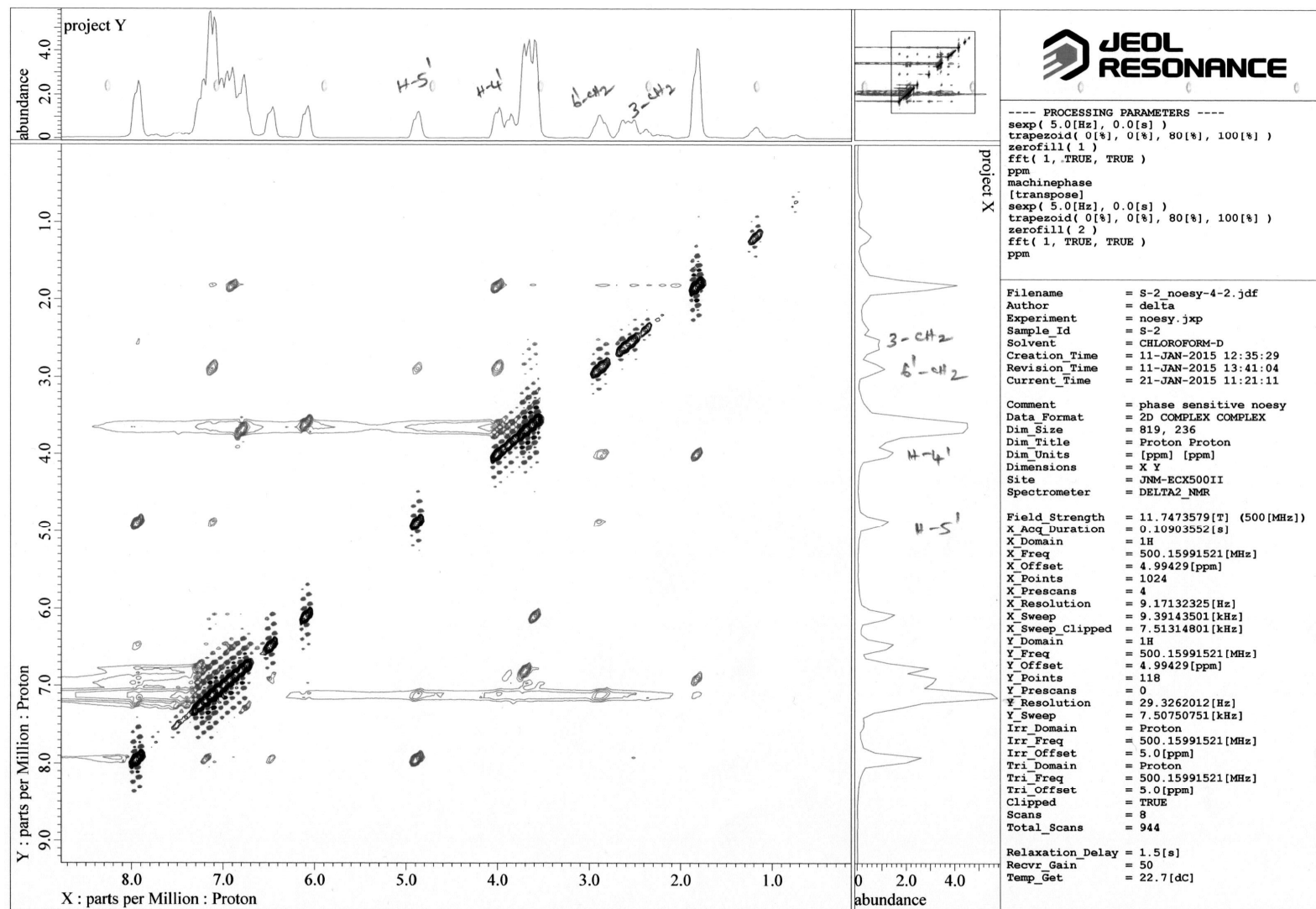
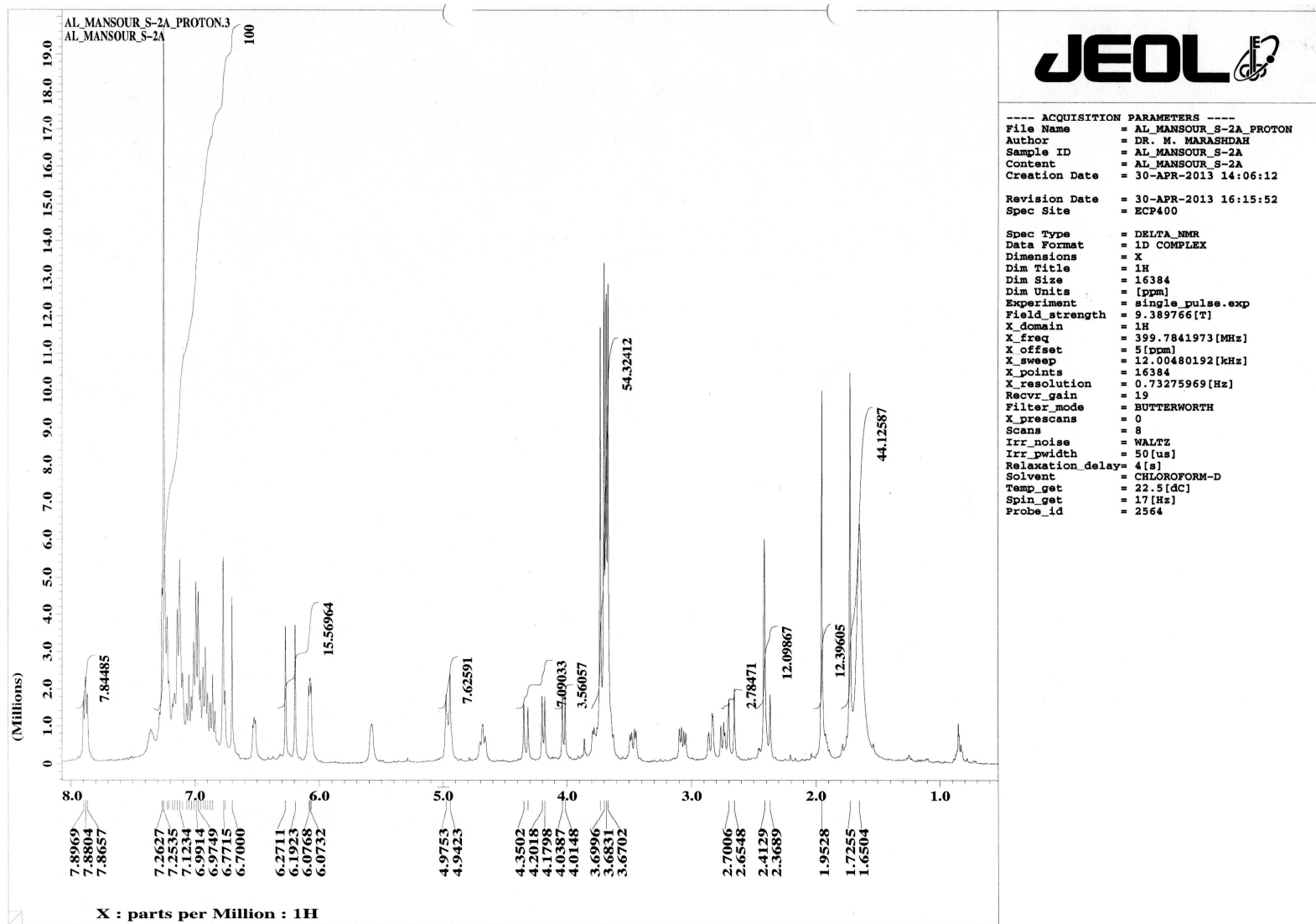
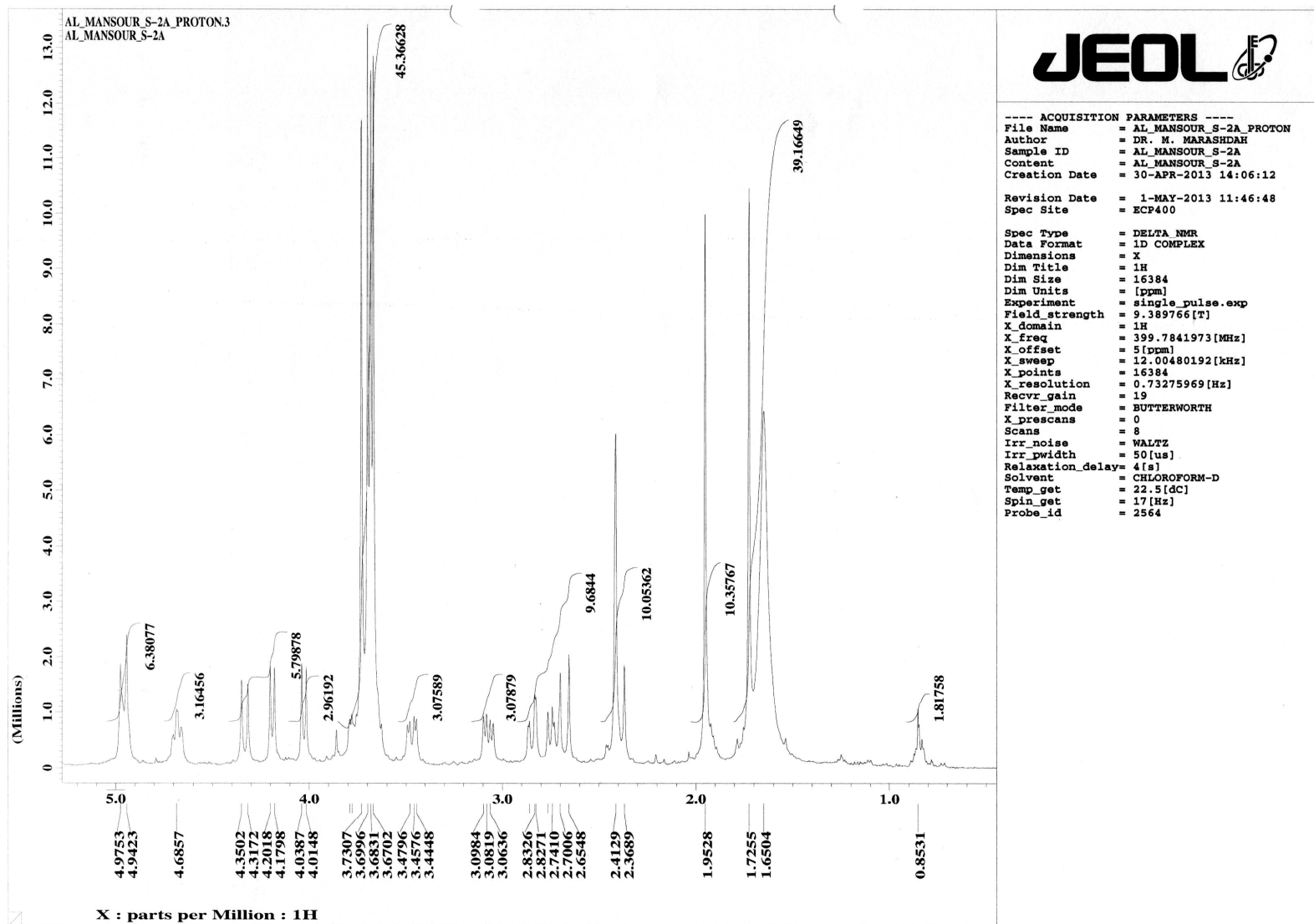


Figure S12. NOESY spectrum of 4b.

Figure S13.  $^1\text{H}$ -NMR spectrum of **6b**.

Figure S14.  $^1\text{H}$ -NMR spectrum of **6b** (Expansion).

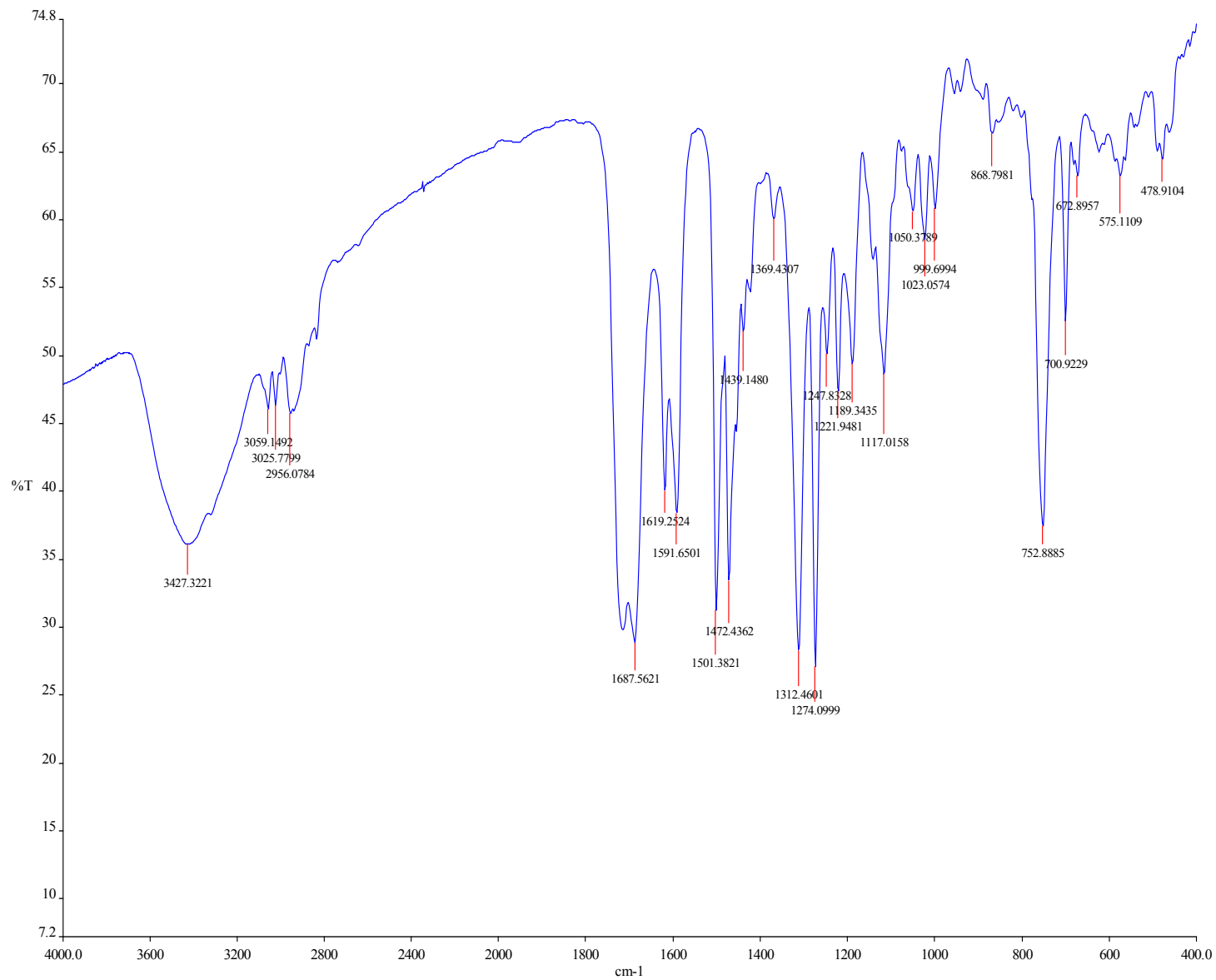


Figure S15. FT-IR spectrum of 4b.