

Supplementary material

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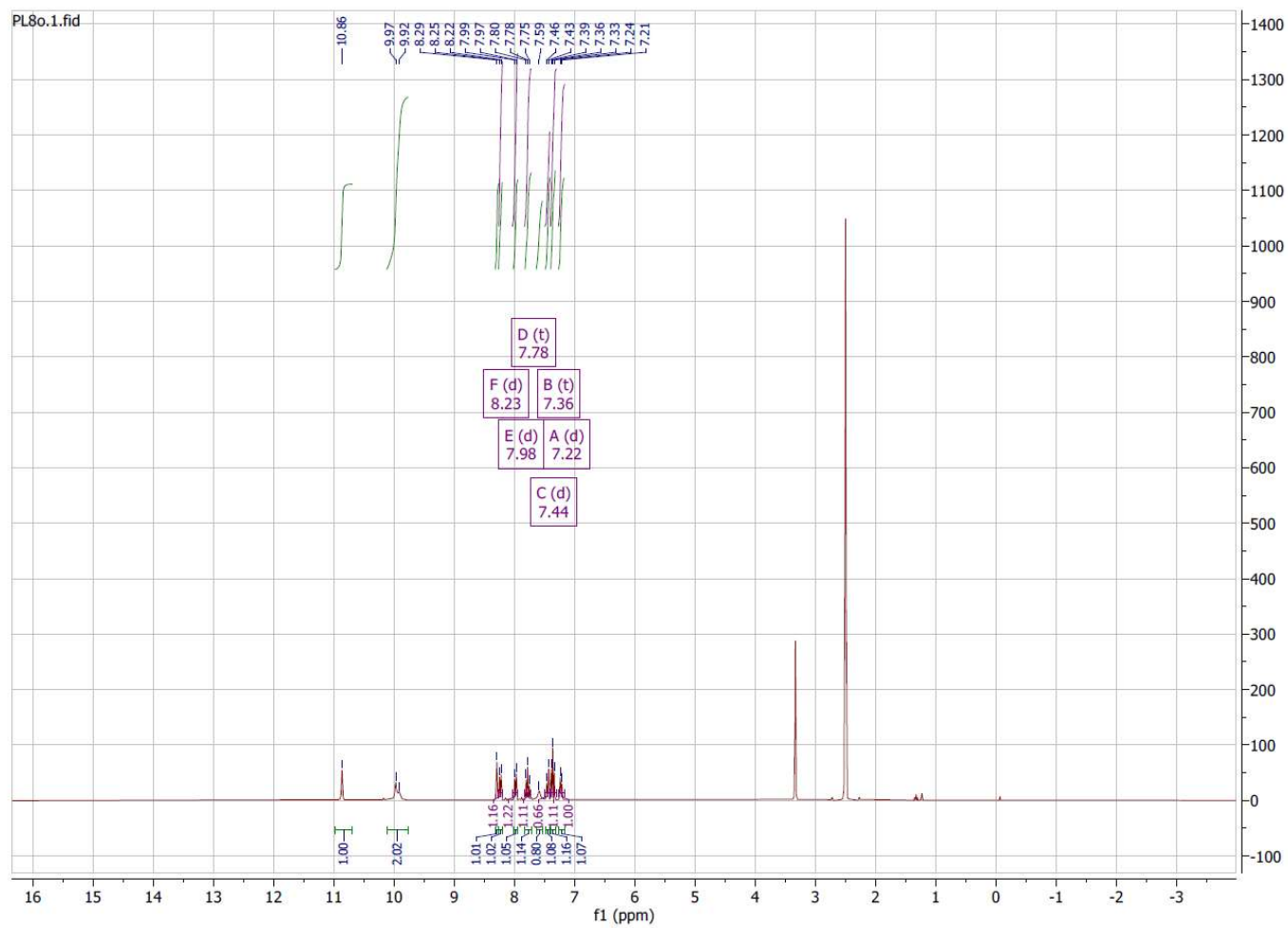


Figure S1. The ^1H NMR of compound **3a**.

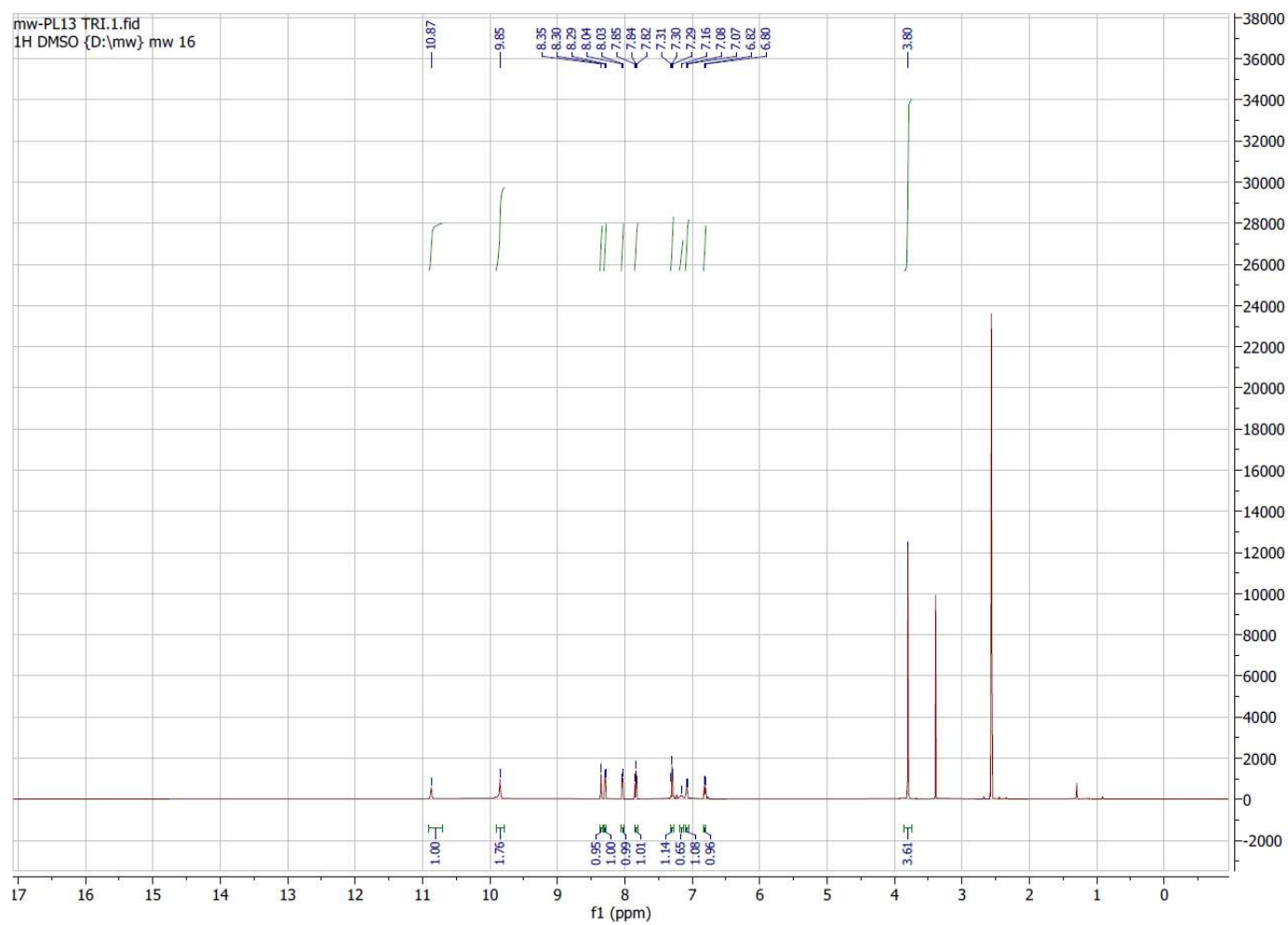


Figure S2. The ^1H NMR of compound **3b**.

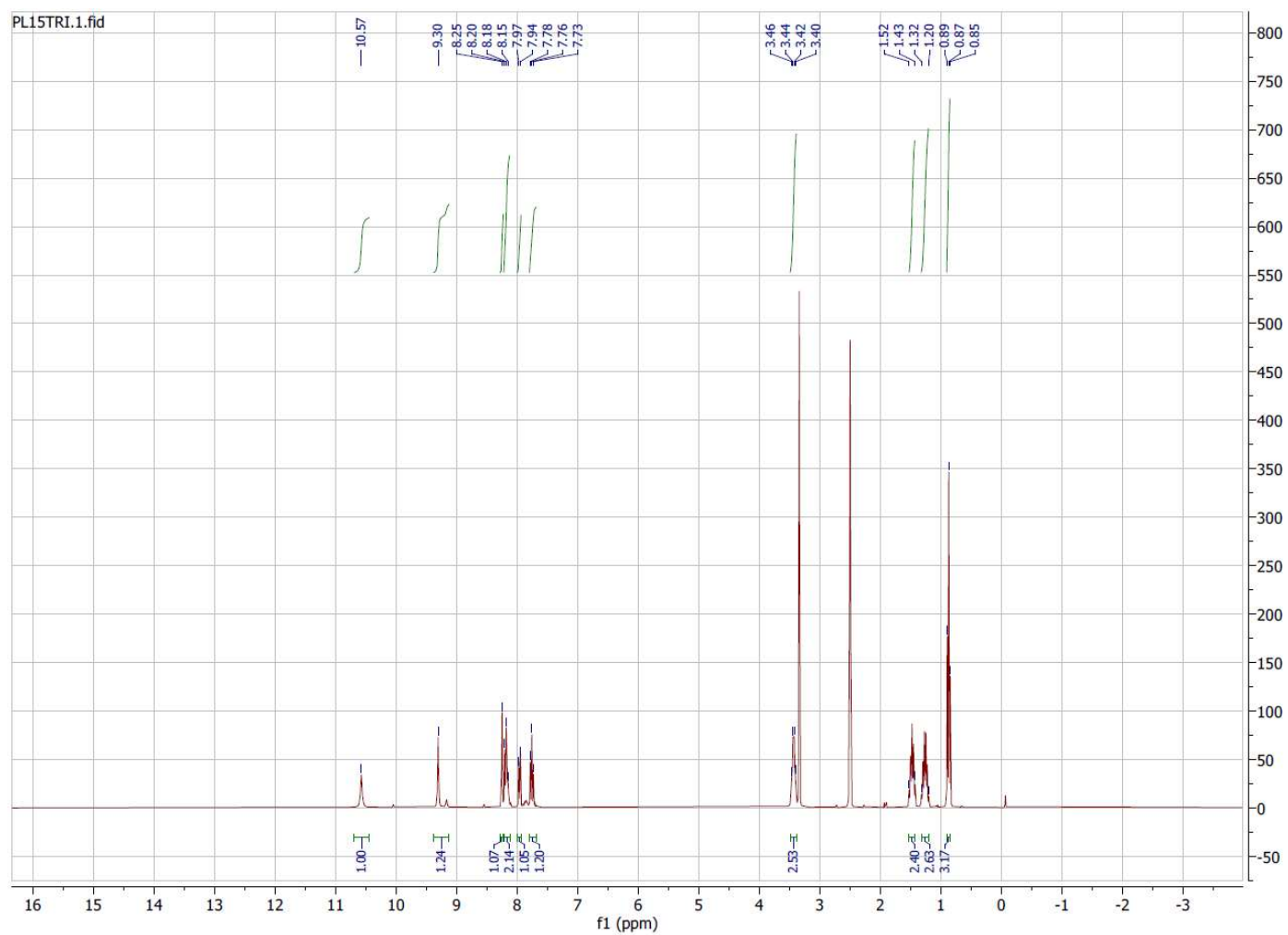


Figure S3. The ^1H NMR of compound **3c**.

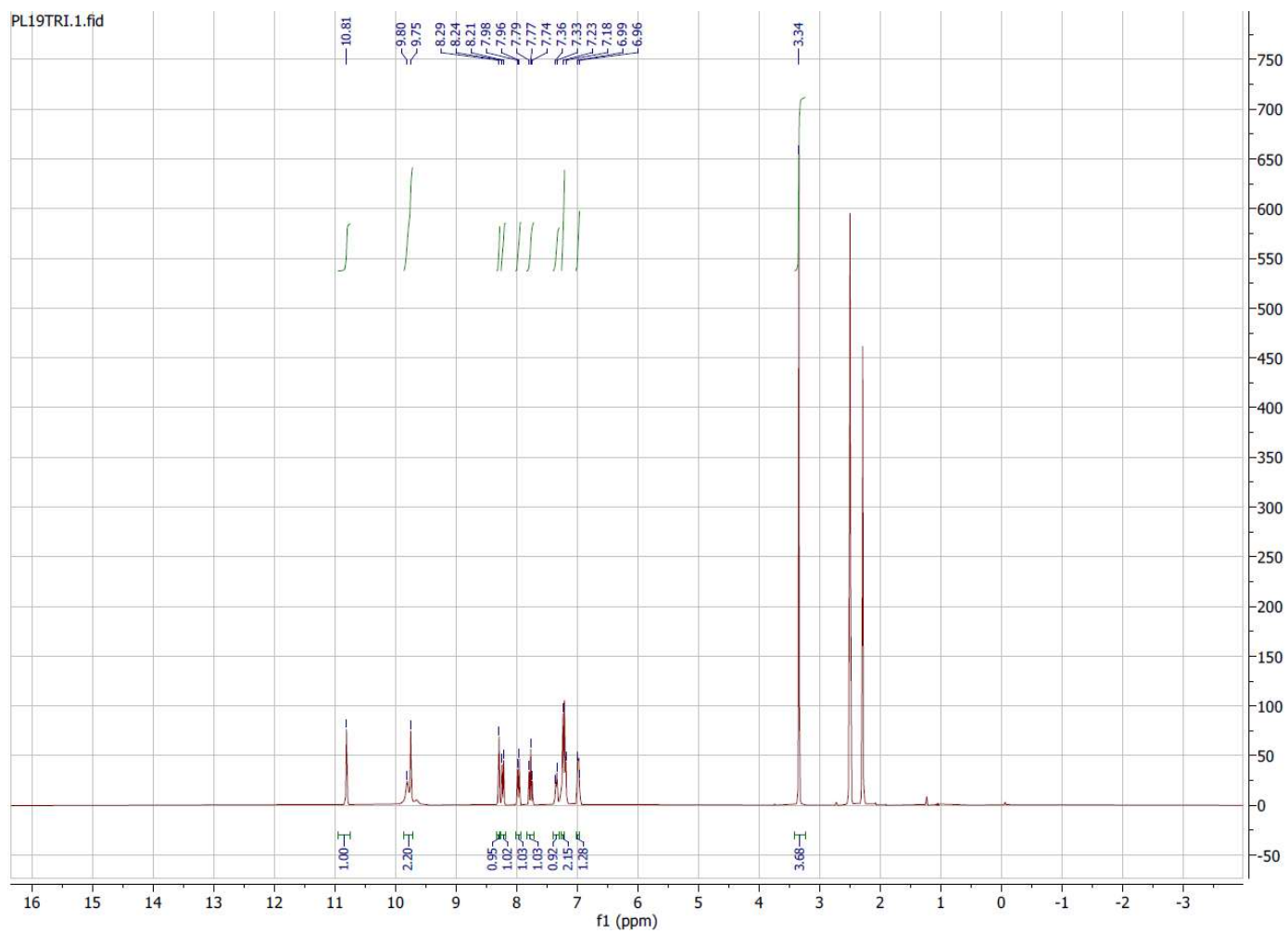


Figure S4. The ^1H NMR of compound **3d**.

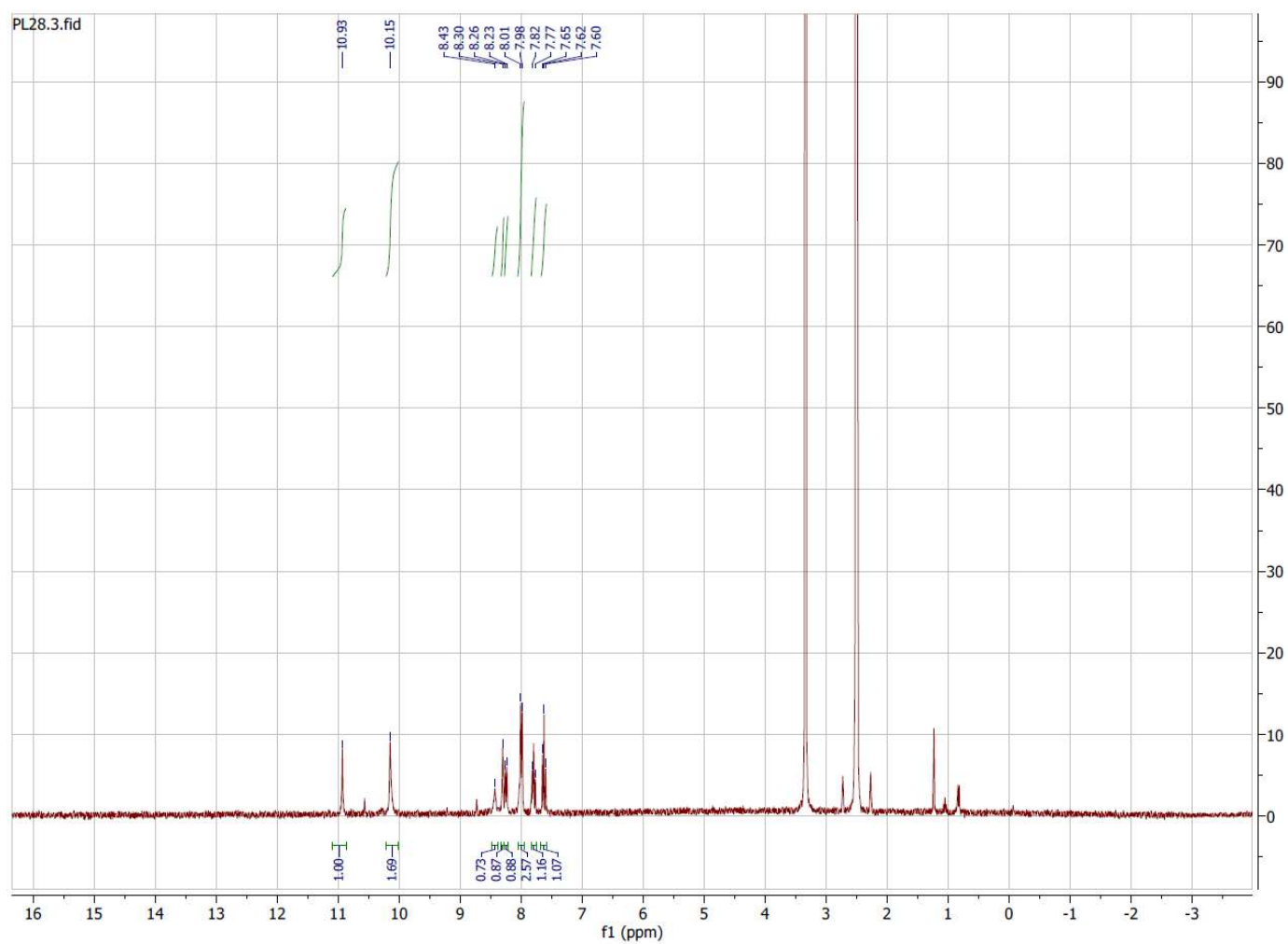


Figure S5. The ^1H NMR of compound **3e**.

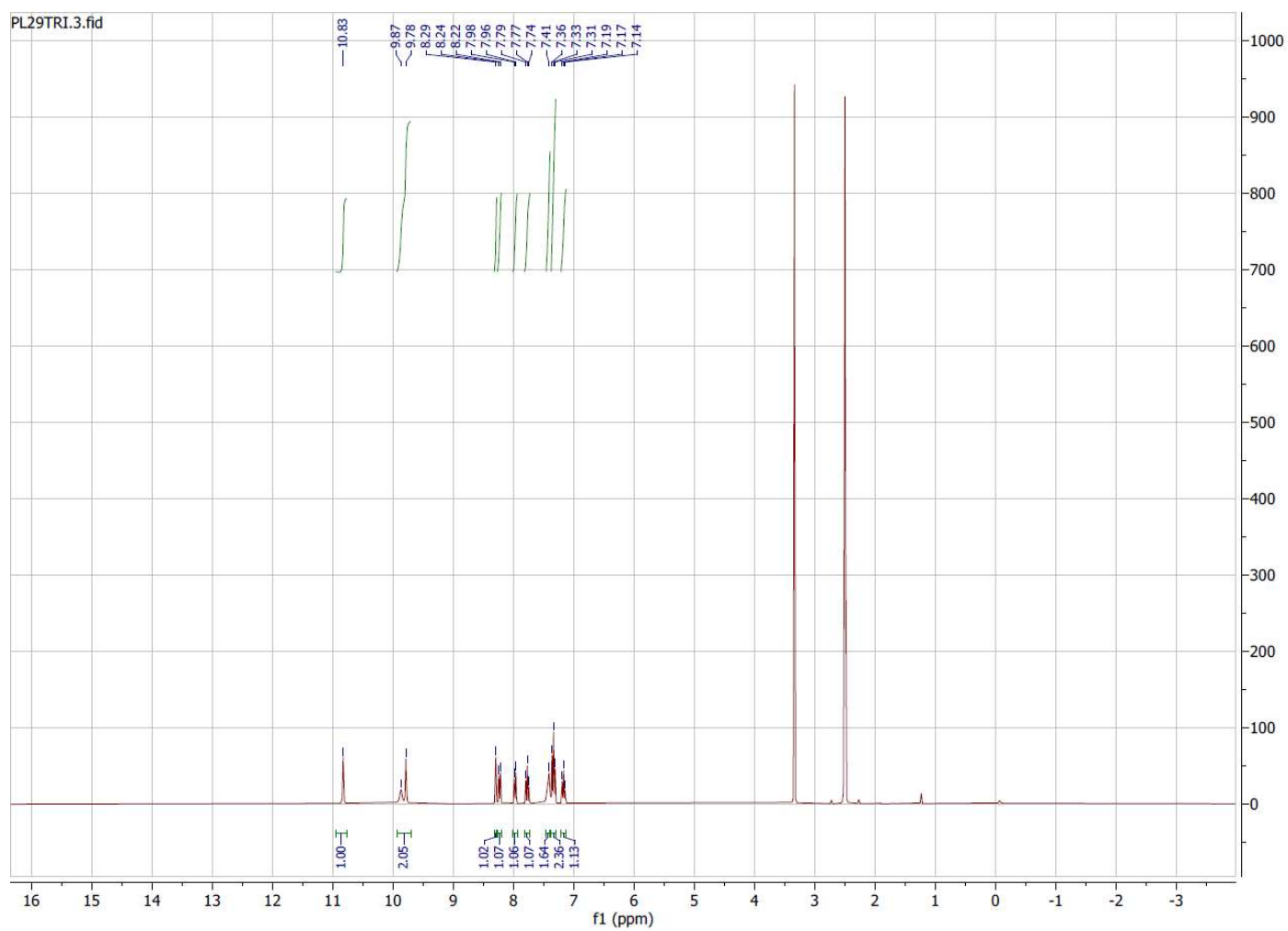


Figure S6. The ^1H NMR of compound **3f**.

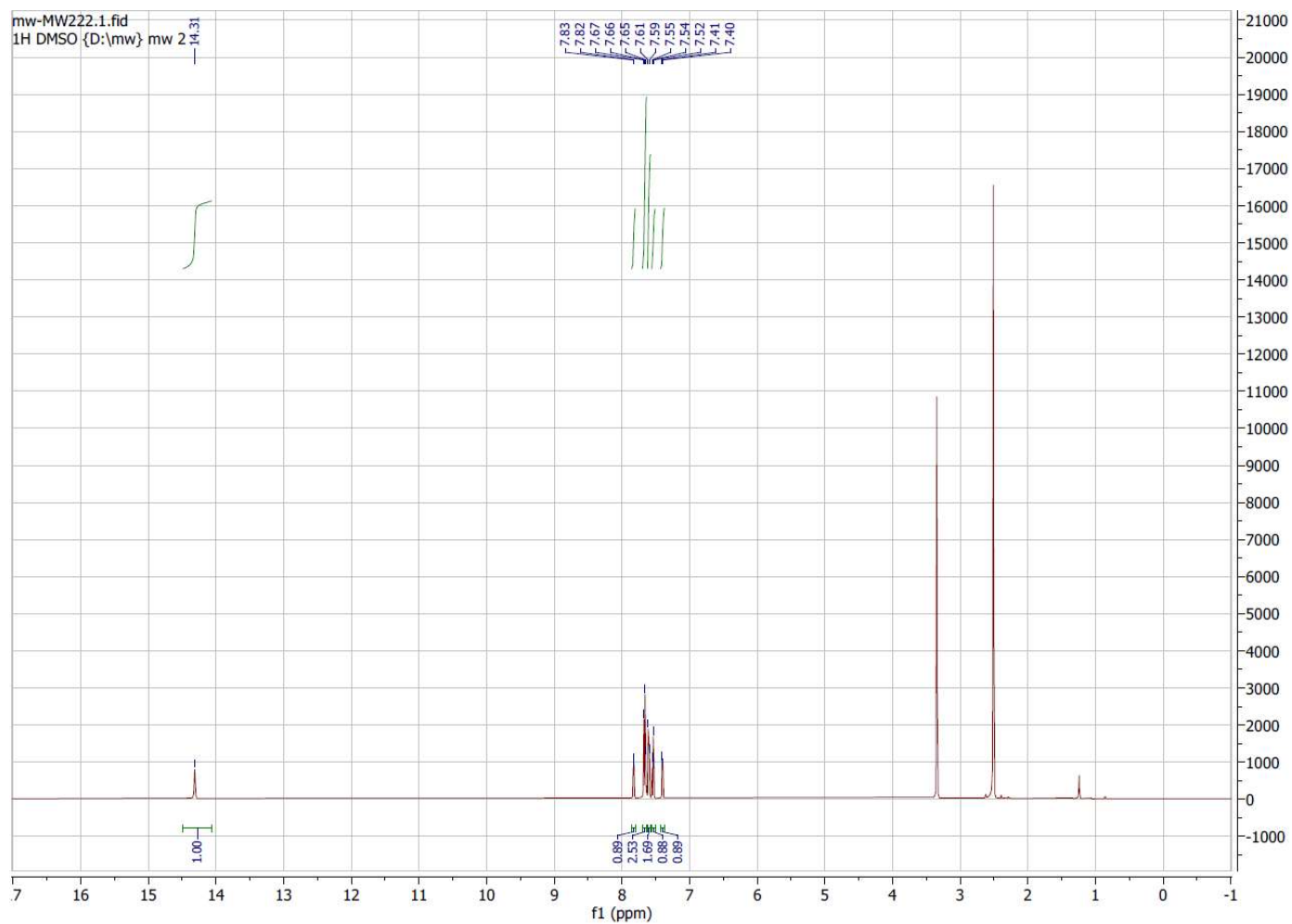


Figure S7. The ^1H NMR of compound **4**.

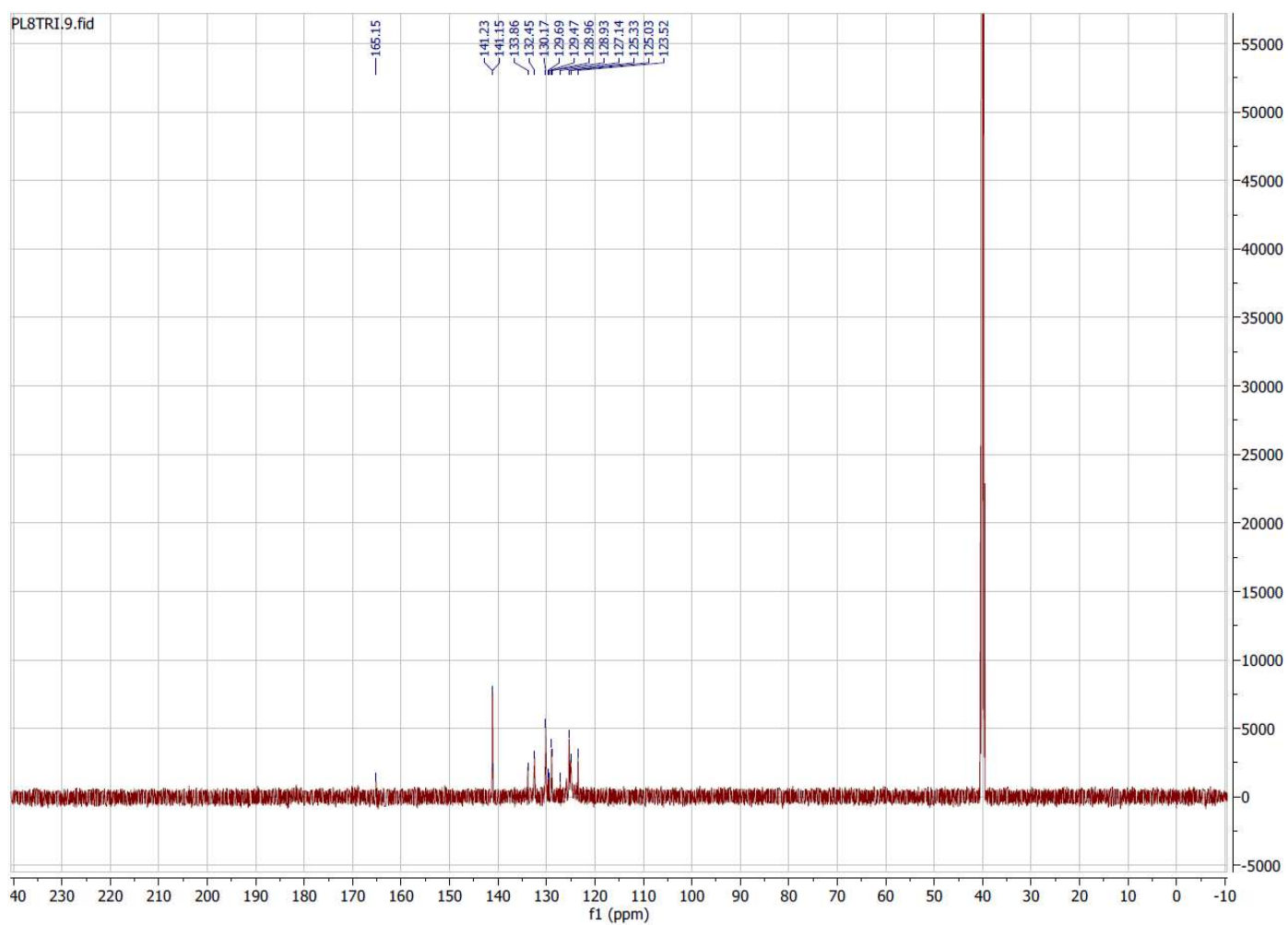


Figure S8. The ^{13}C NMR of compound **3a**.

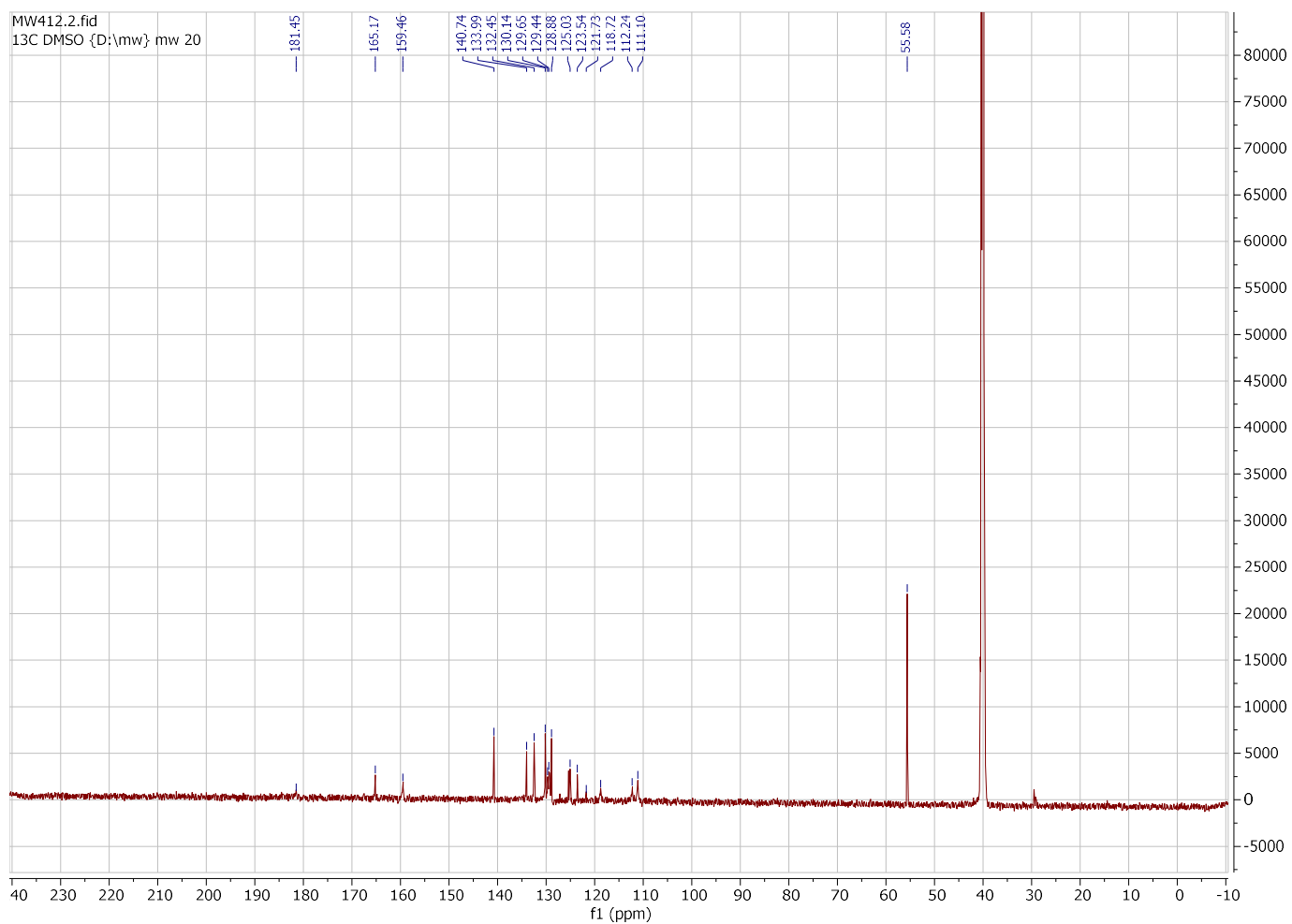


Figure S9. The ^{13}C NMR of compound **3b**.

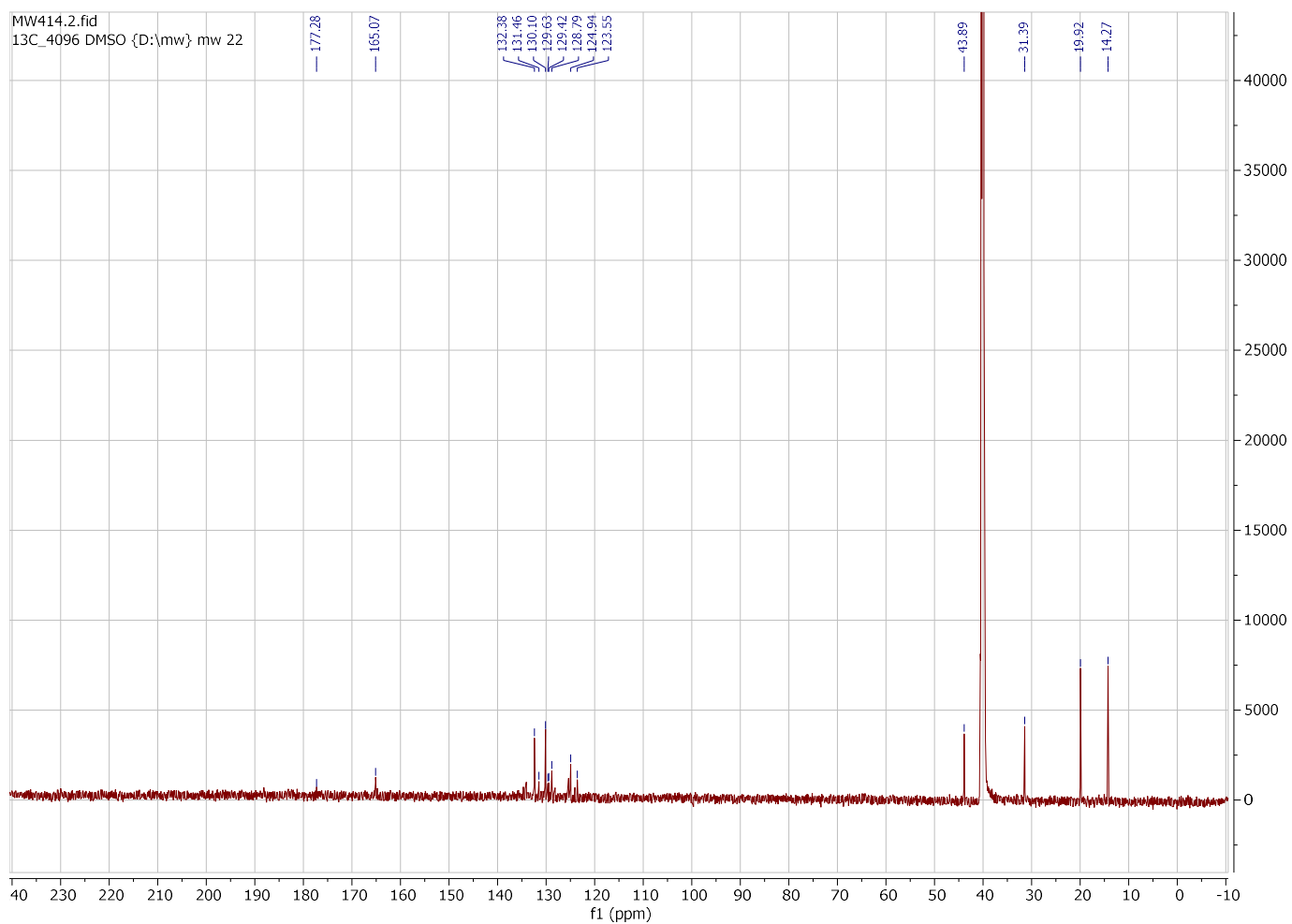


Figure S10. The ^{13}C NMR of compound **3c**.

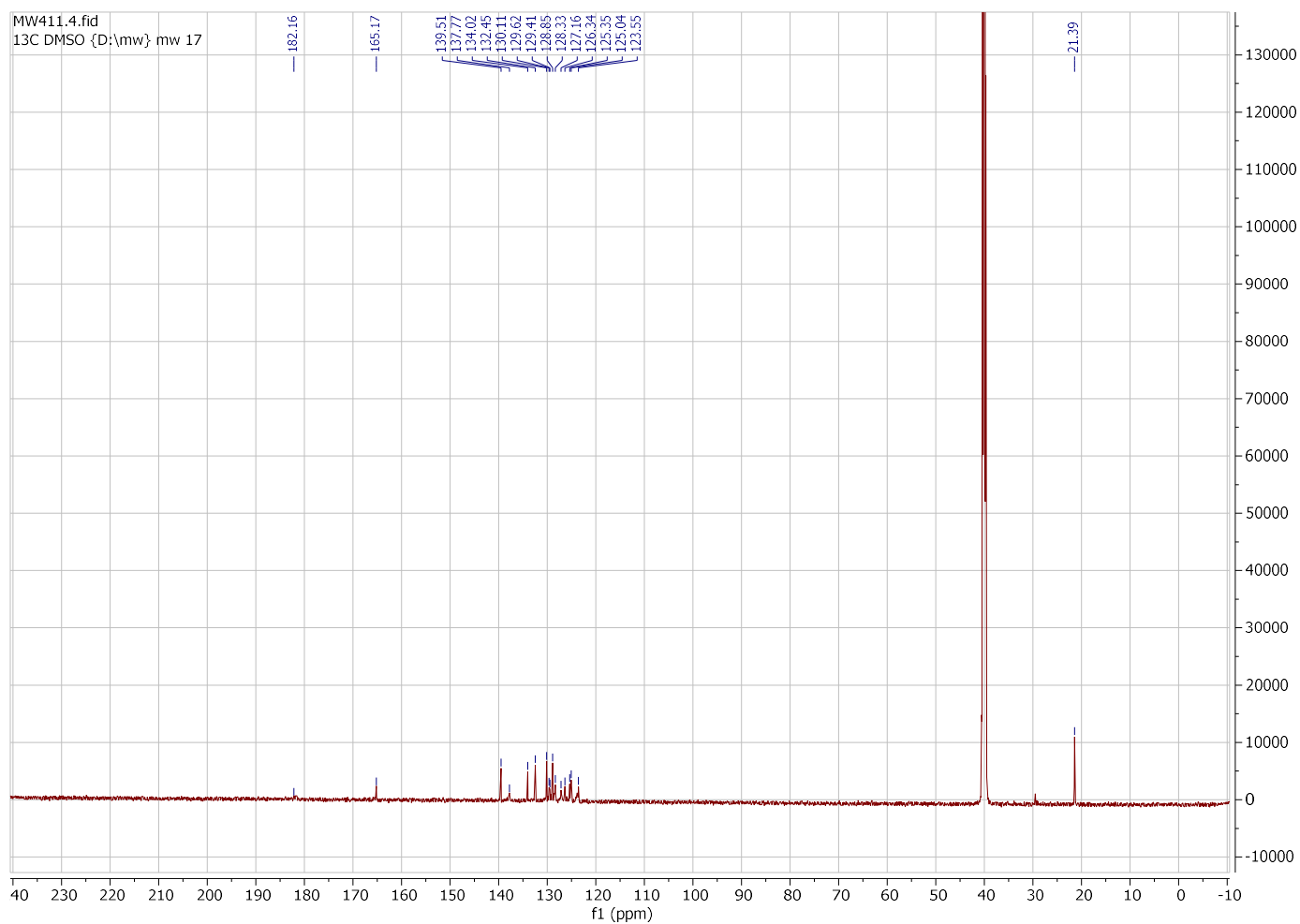


Figure S11. The ^{13}C NMR of compound **3d**.

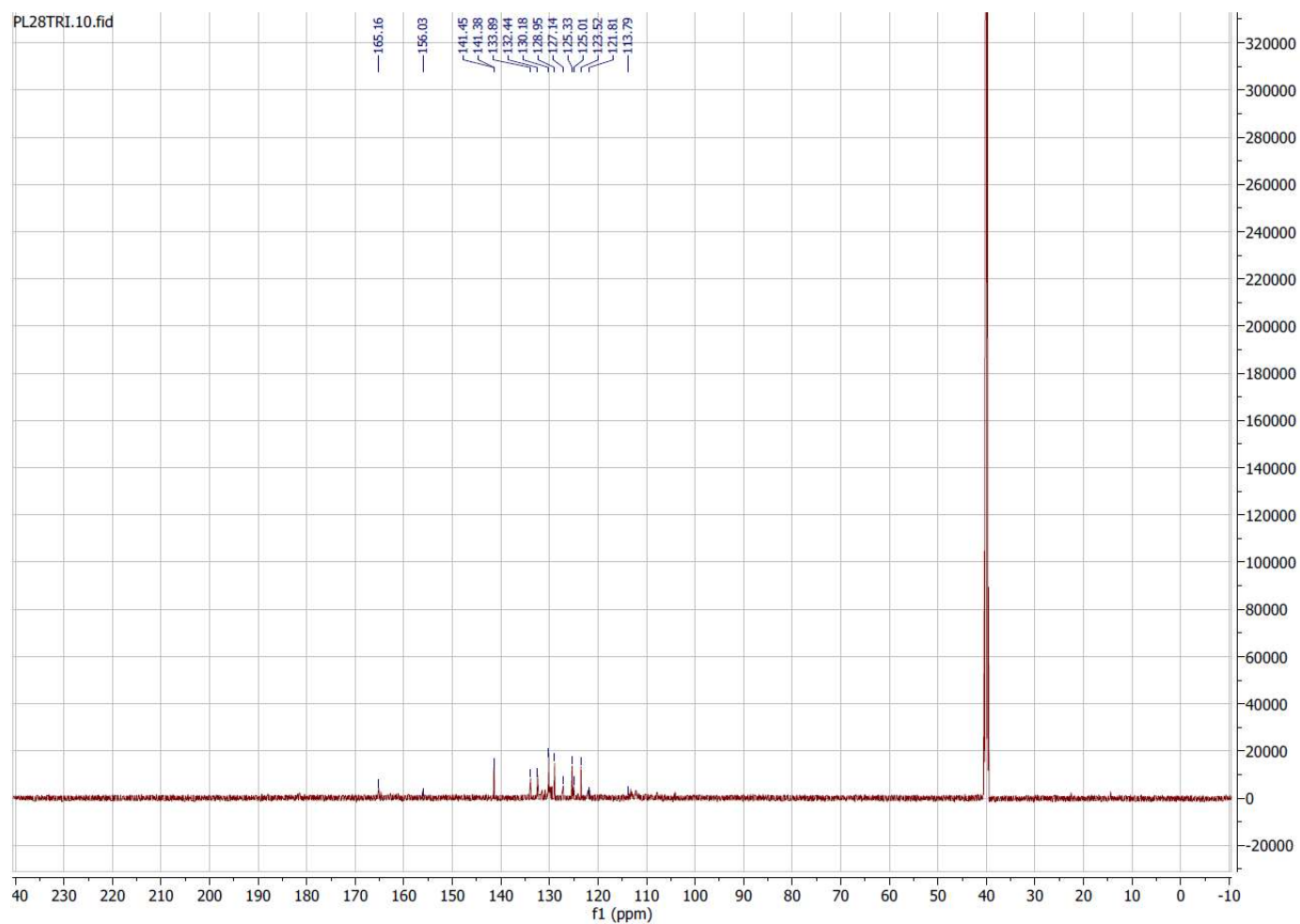


Figure S12. The ^{13}C NMR of compound **3e**.

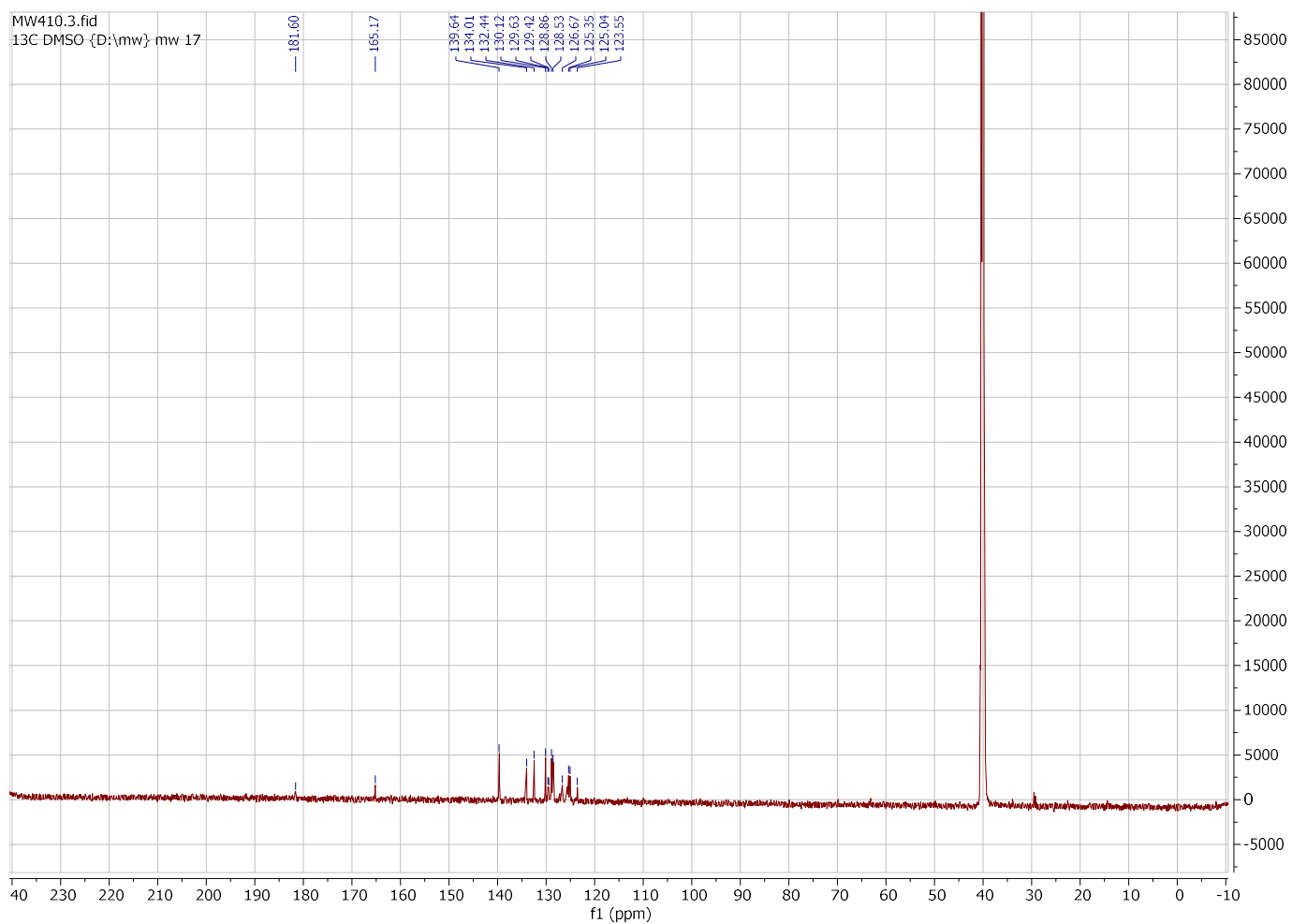


Figure S13. The ^{13}C NMR of compound **3f**.

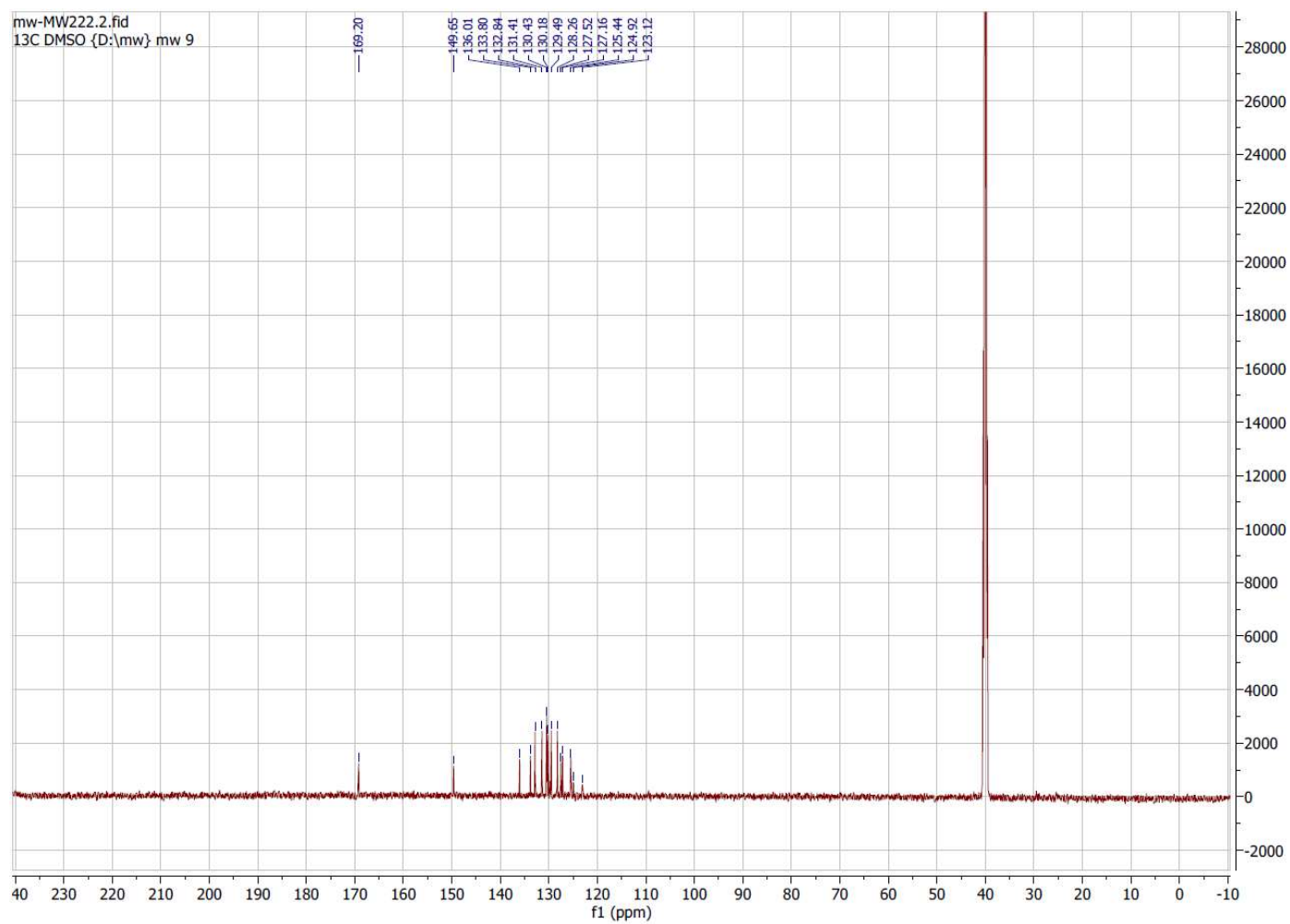


Figure S14. The ^{13}C NMR of compound 4.

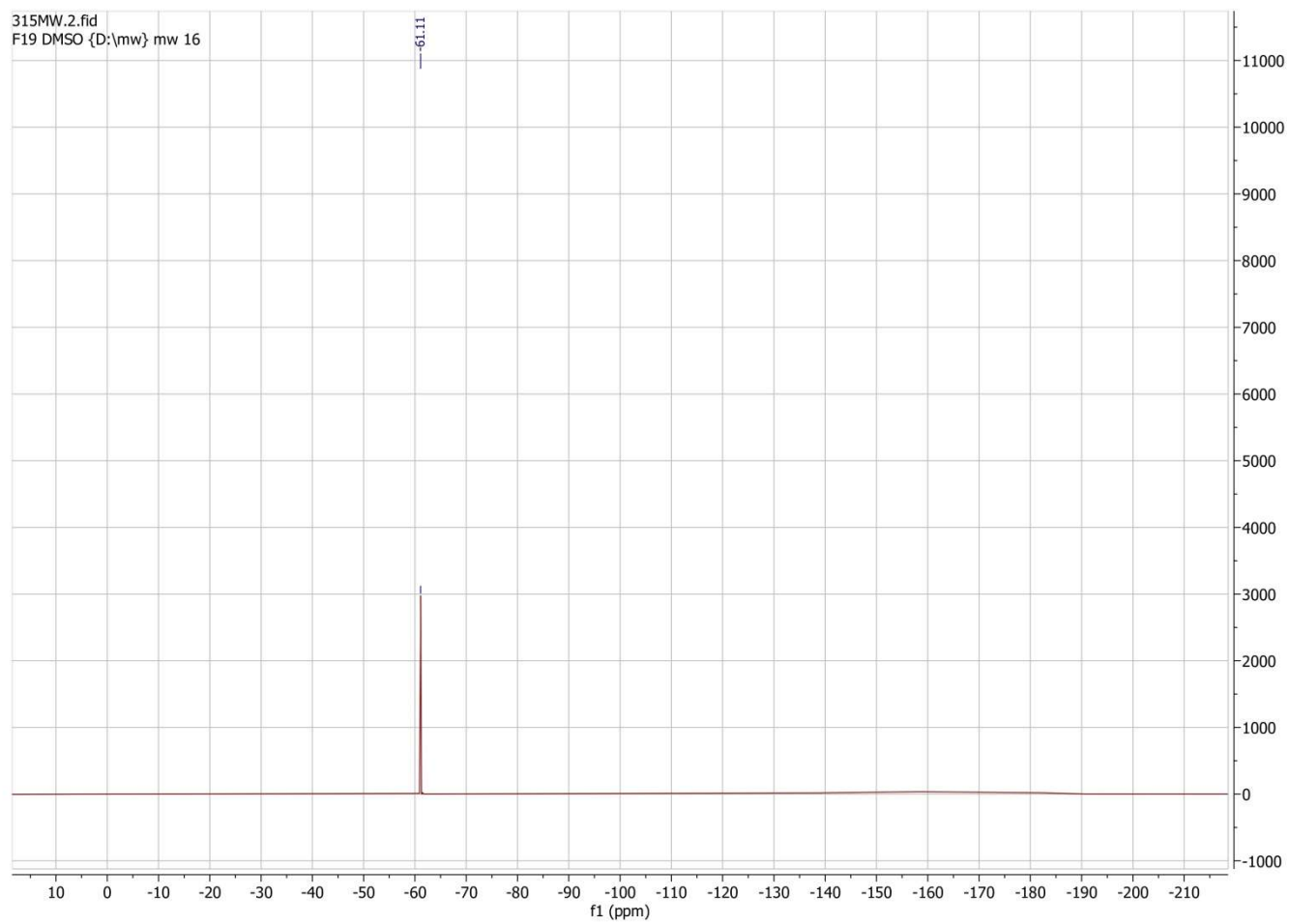


Figure S15. The ^{19}F NMR of compound **3a**.

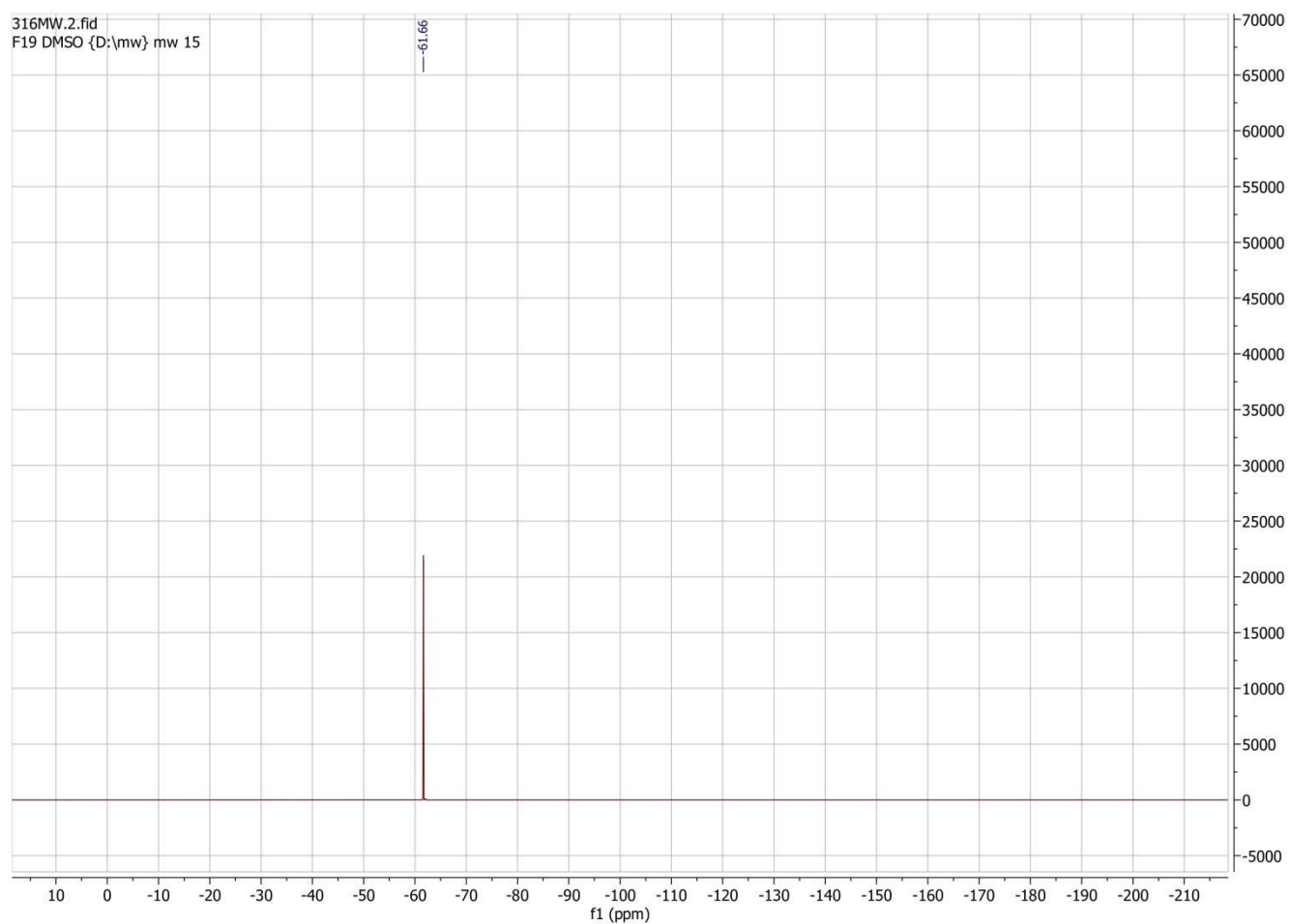


Figure S16. The ^{19}F NMR of compound **4**.