

## Supporting Information

# Synthesis and Immunological Evaluation of Mannosylated Desmuramyl Dipeptides Modified by Lipophilic Triazole Substituents

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## 1. NMR spectra ( $^1\text{H}$ , DEPTQ)

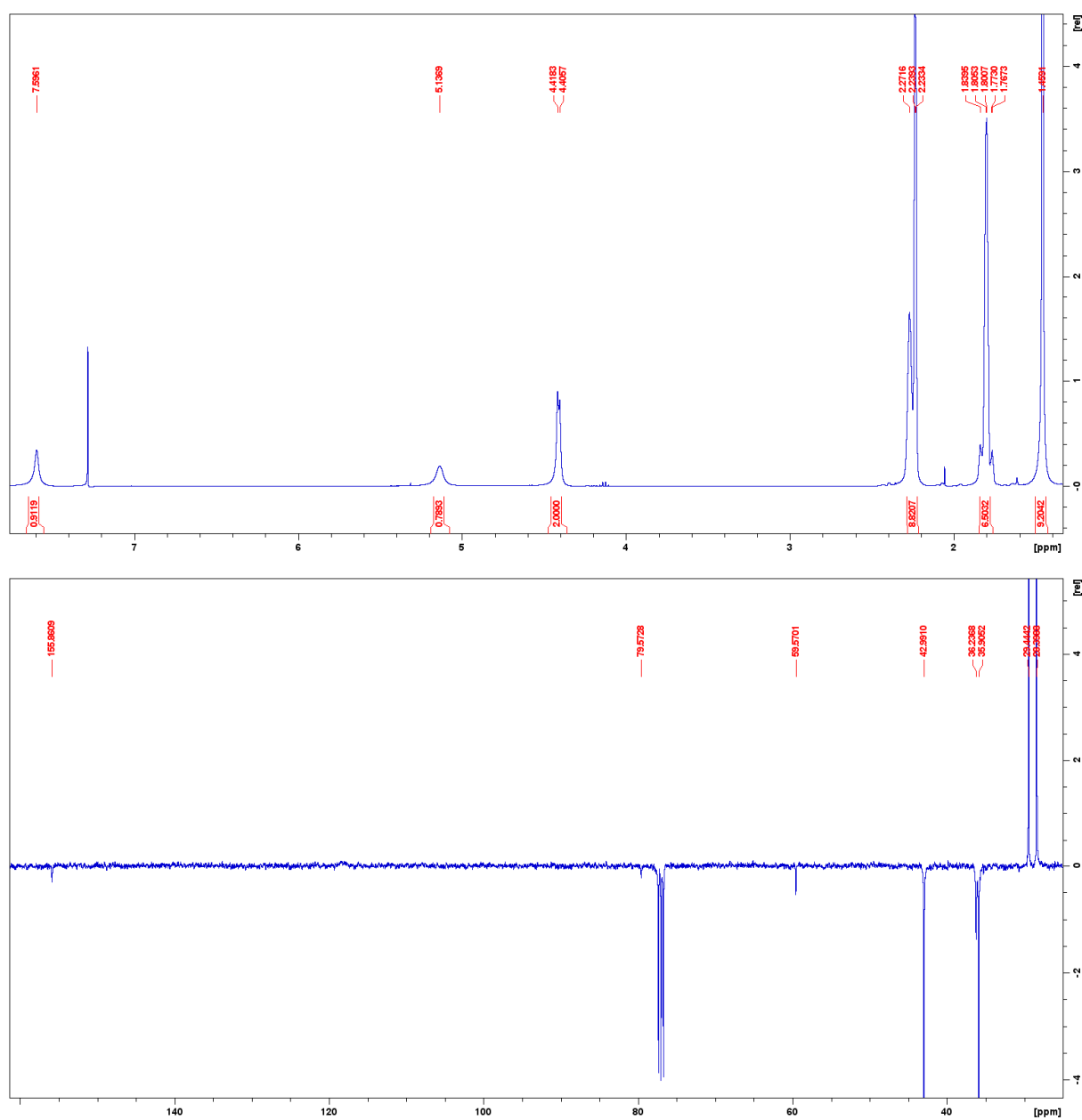


Figure S1. NMR spectra of compound **1a**

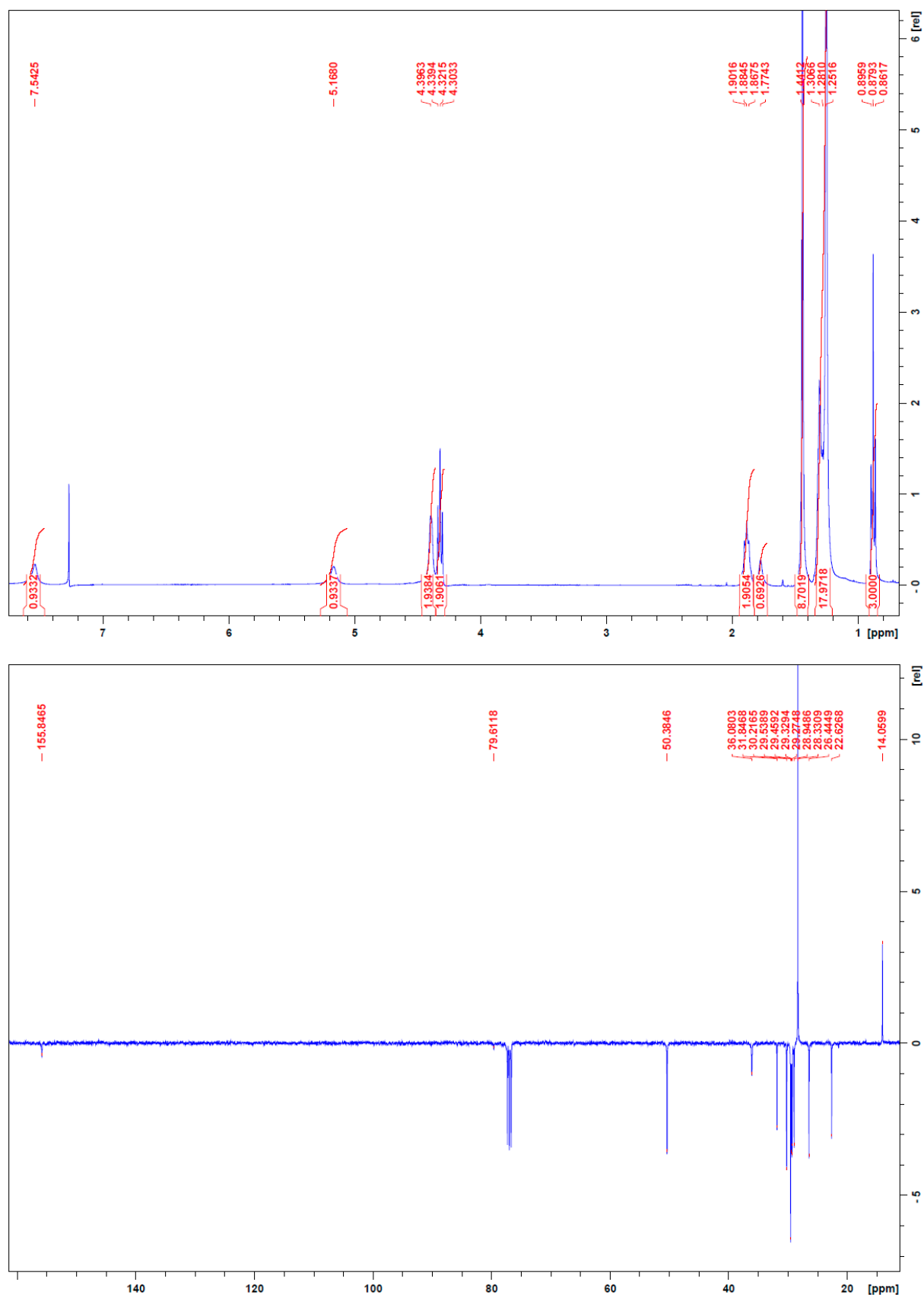


Figure S2. NMR spectra of compound **1b**

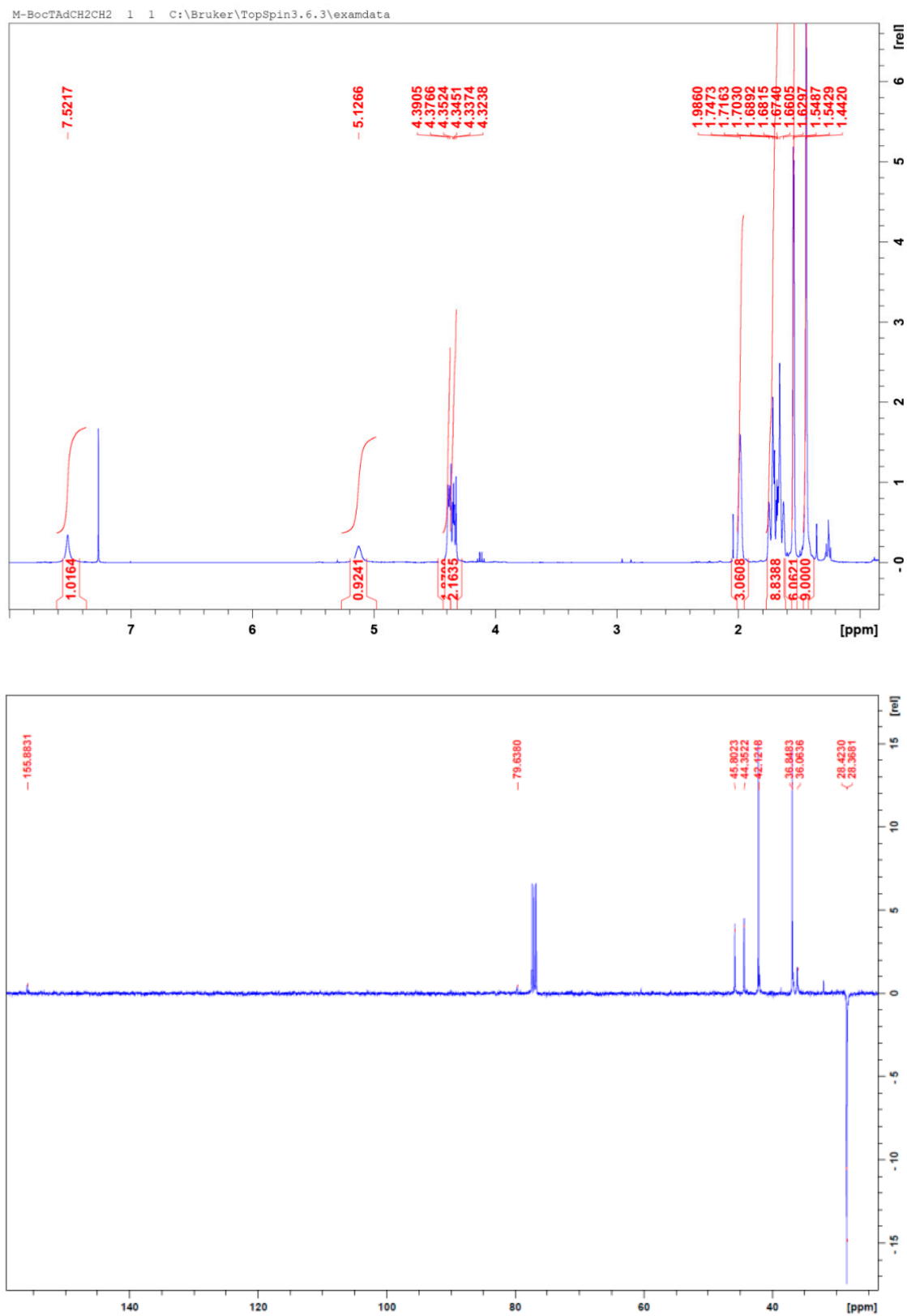


Figure S3. NMR spectra of compound **1c**

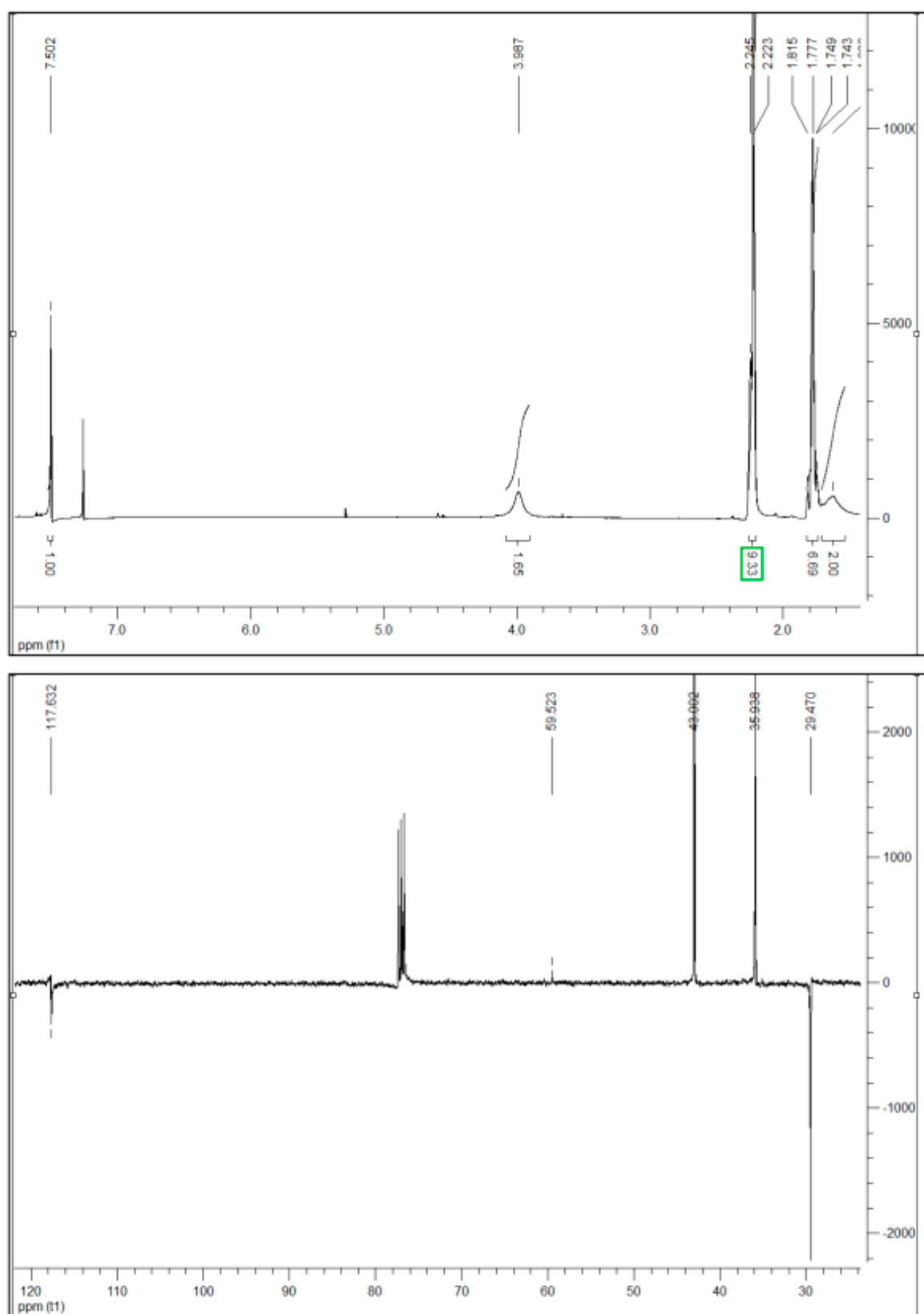


Figure S4. NMR spectra of compound 2a

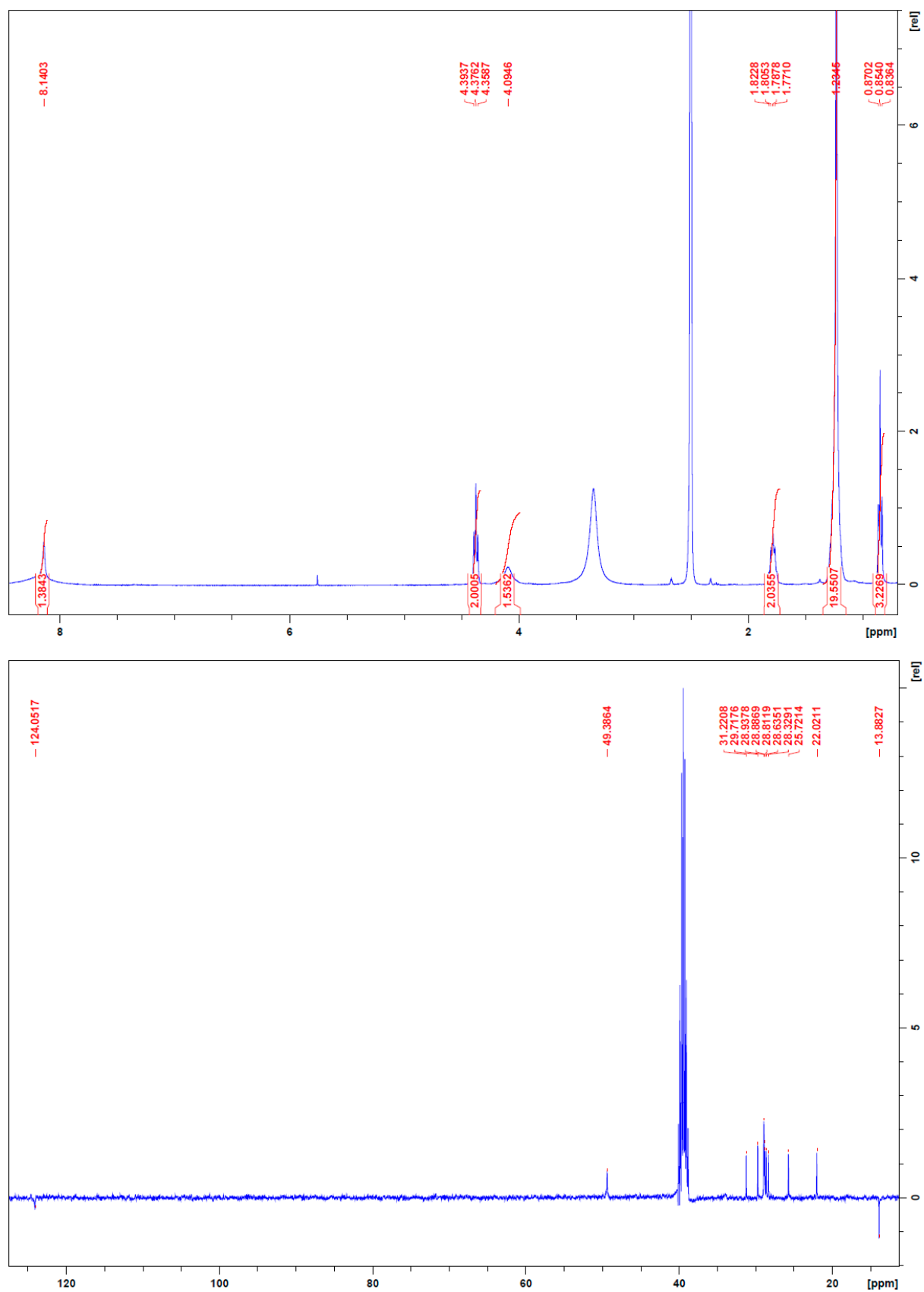


Figure S5. NMR spectra of compound **2b**

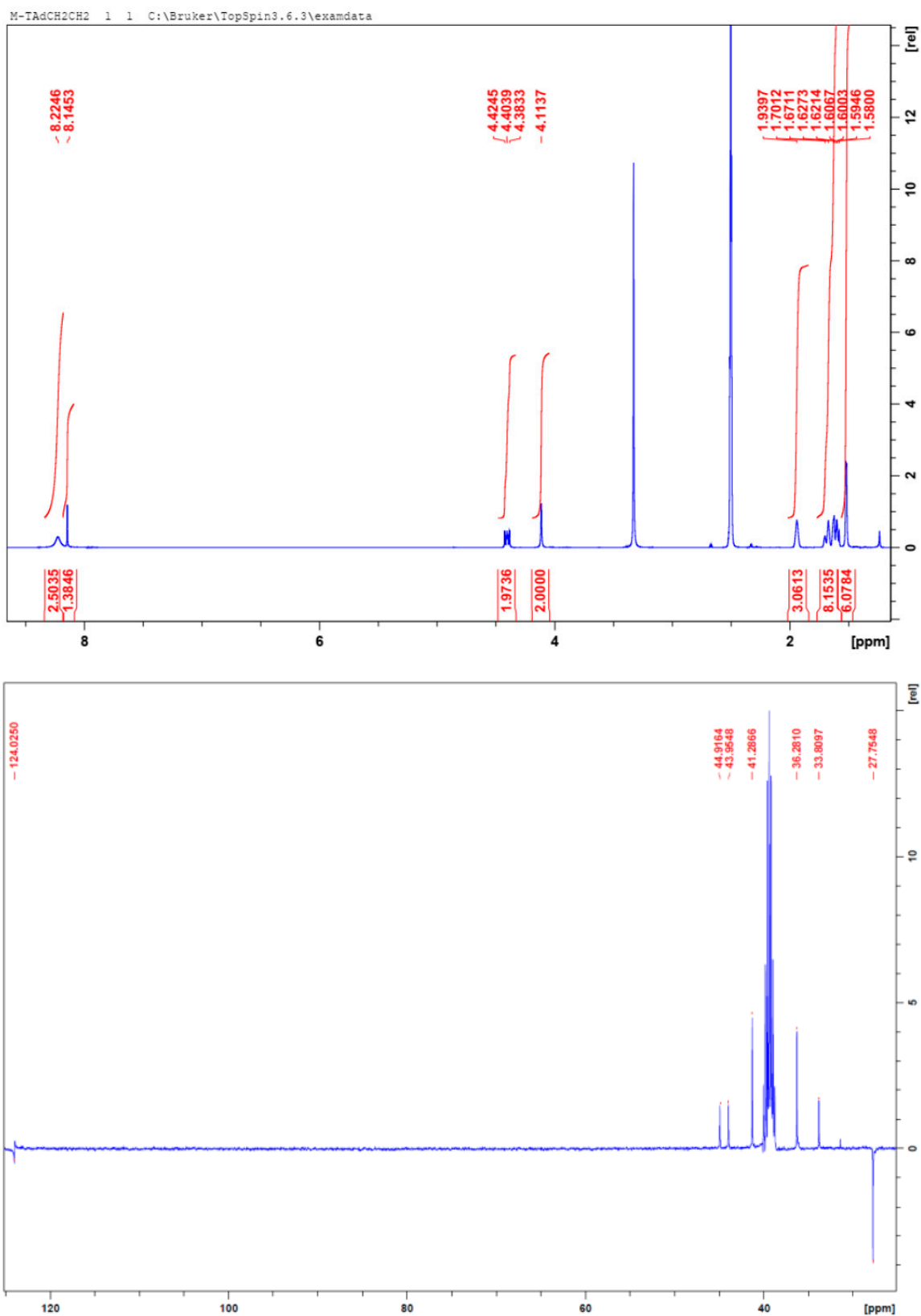


Figure S6. NMR spectra of compound **2c**

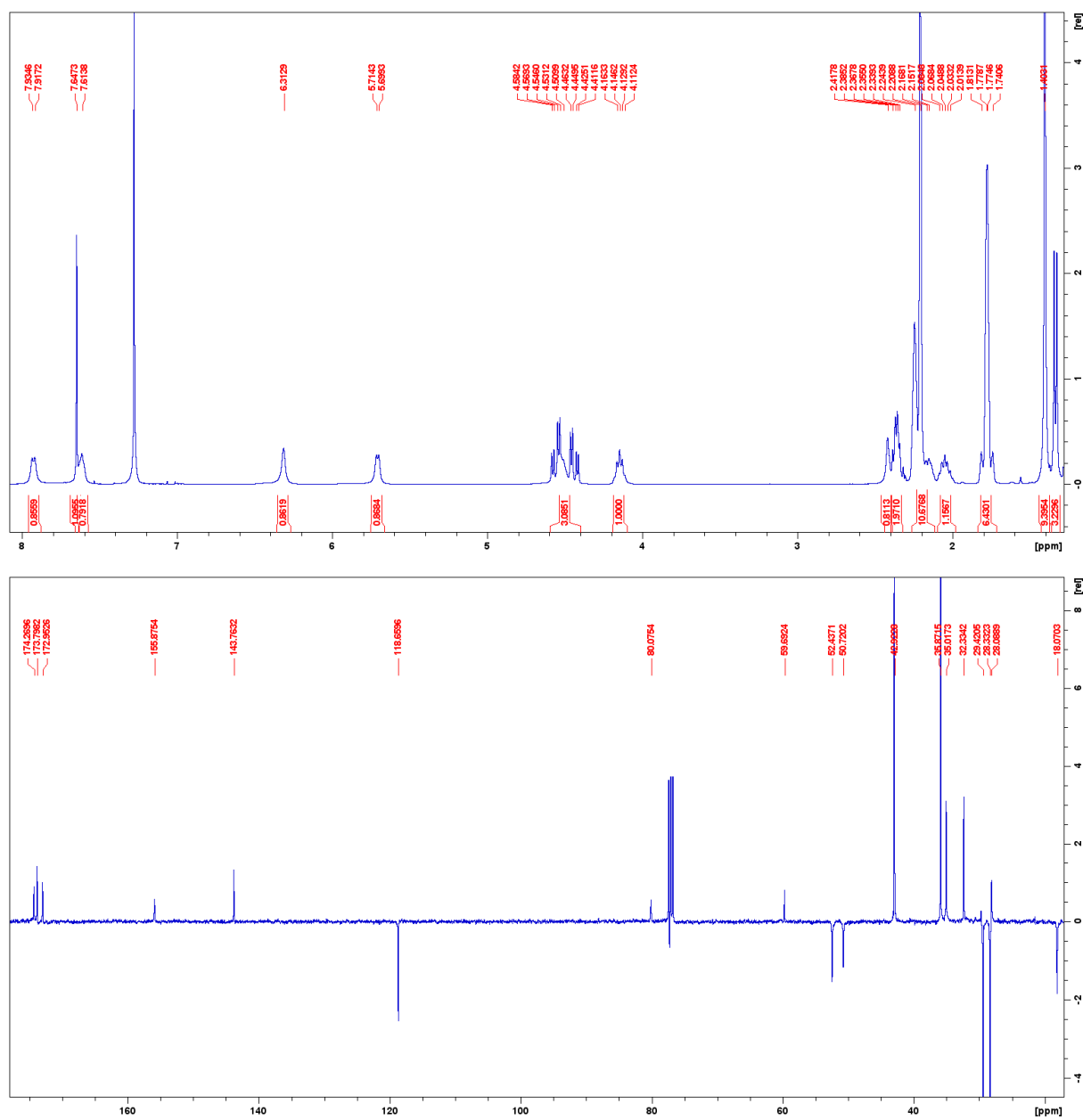


Figure S7. NMR spectra of compound 3a



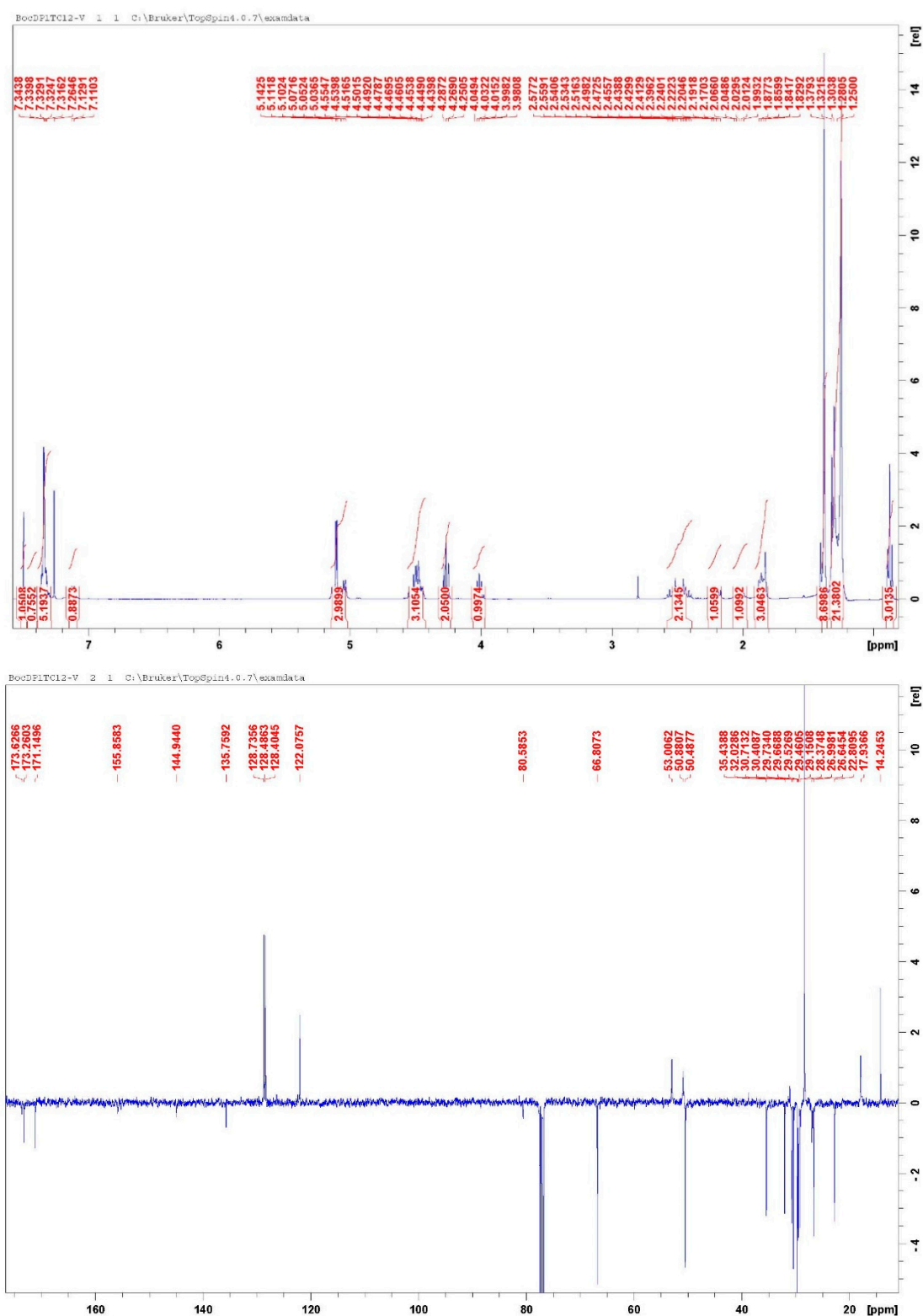


Figure S8. NMR spectra of compound 3b

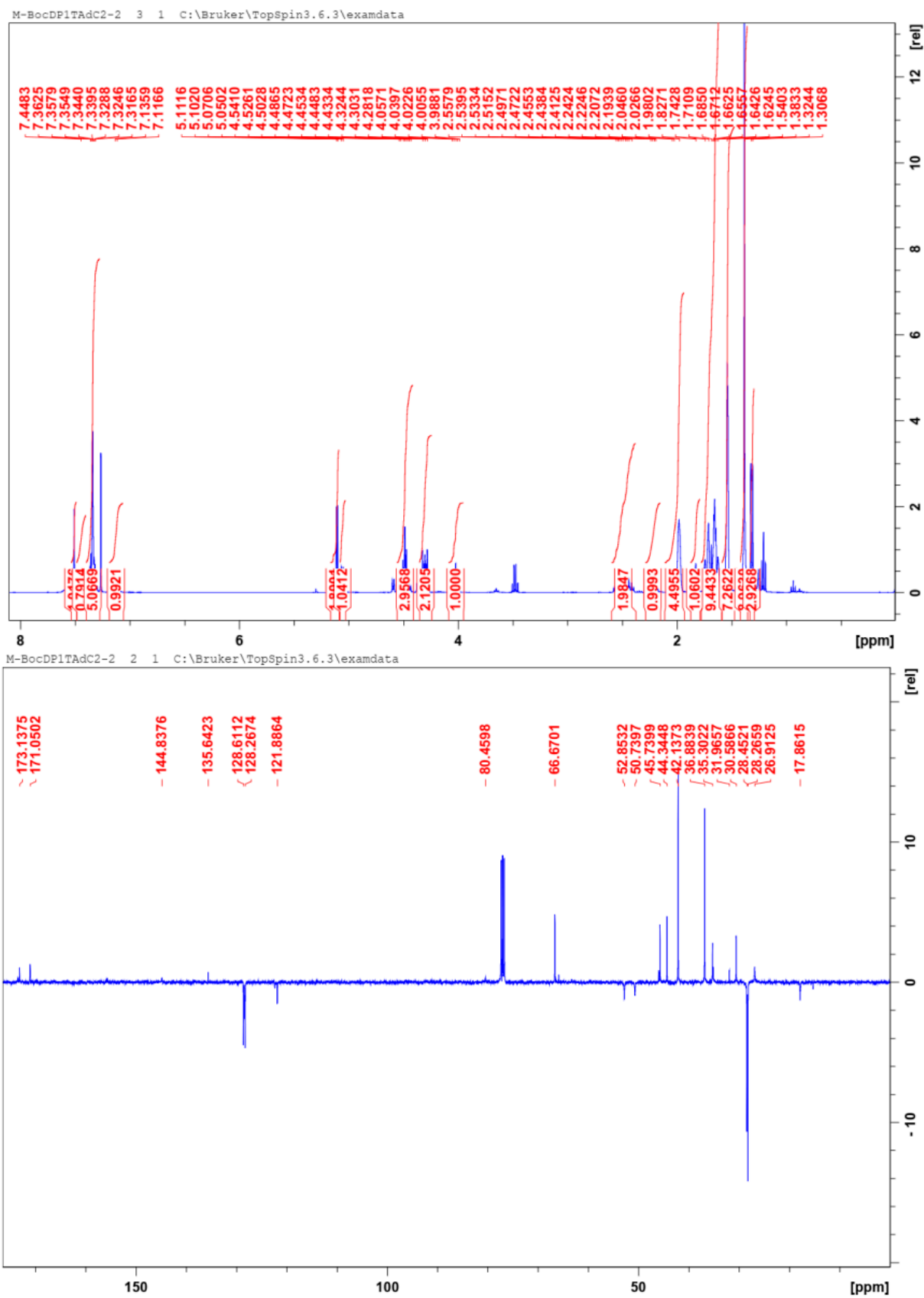


Figure S9. NMR spectra of compound 3c

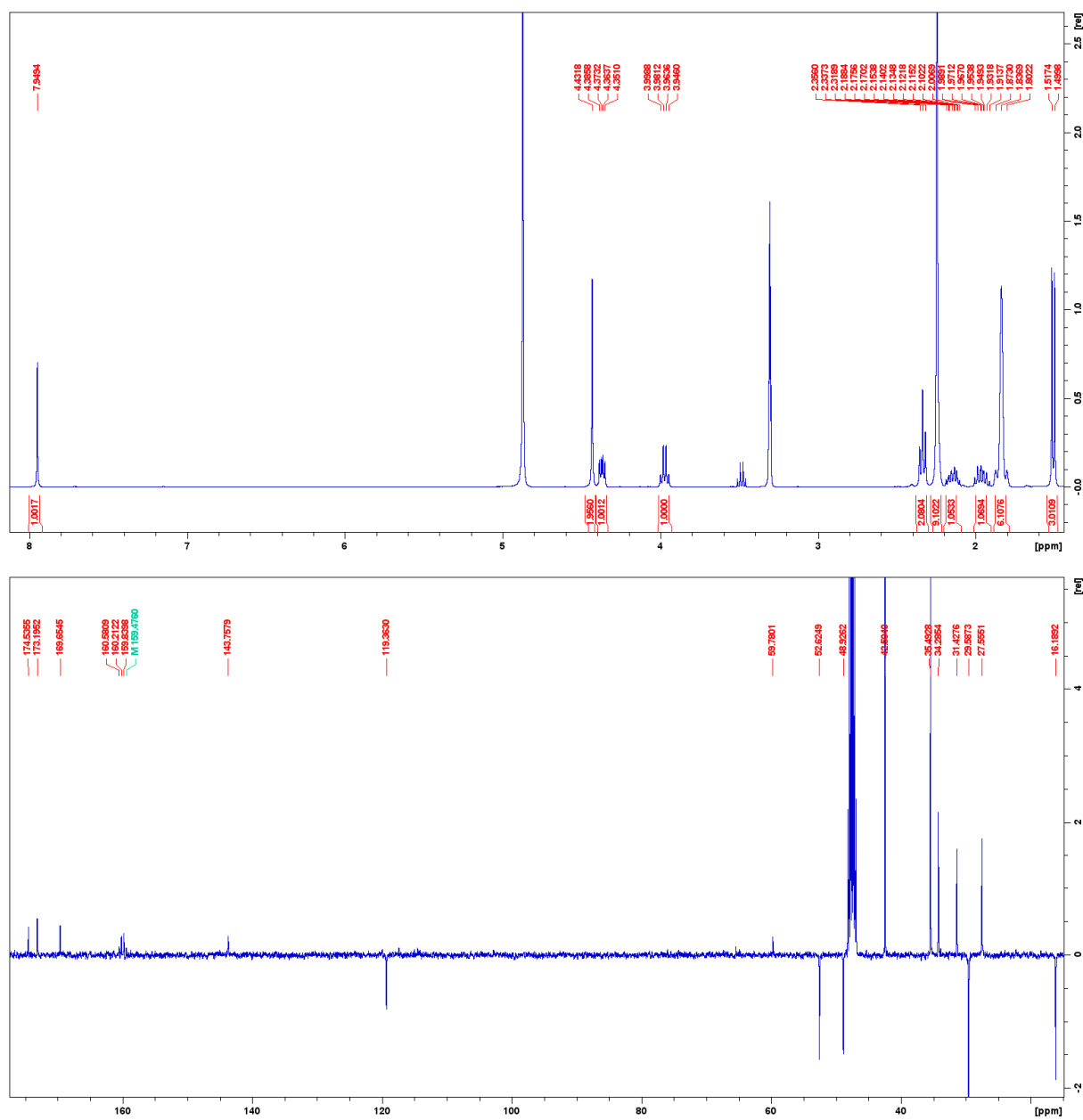


Figure S10. NMR spectra of compound **4a**

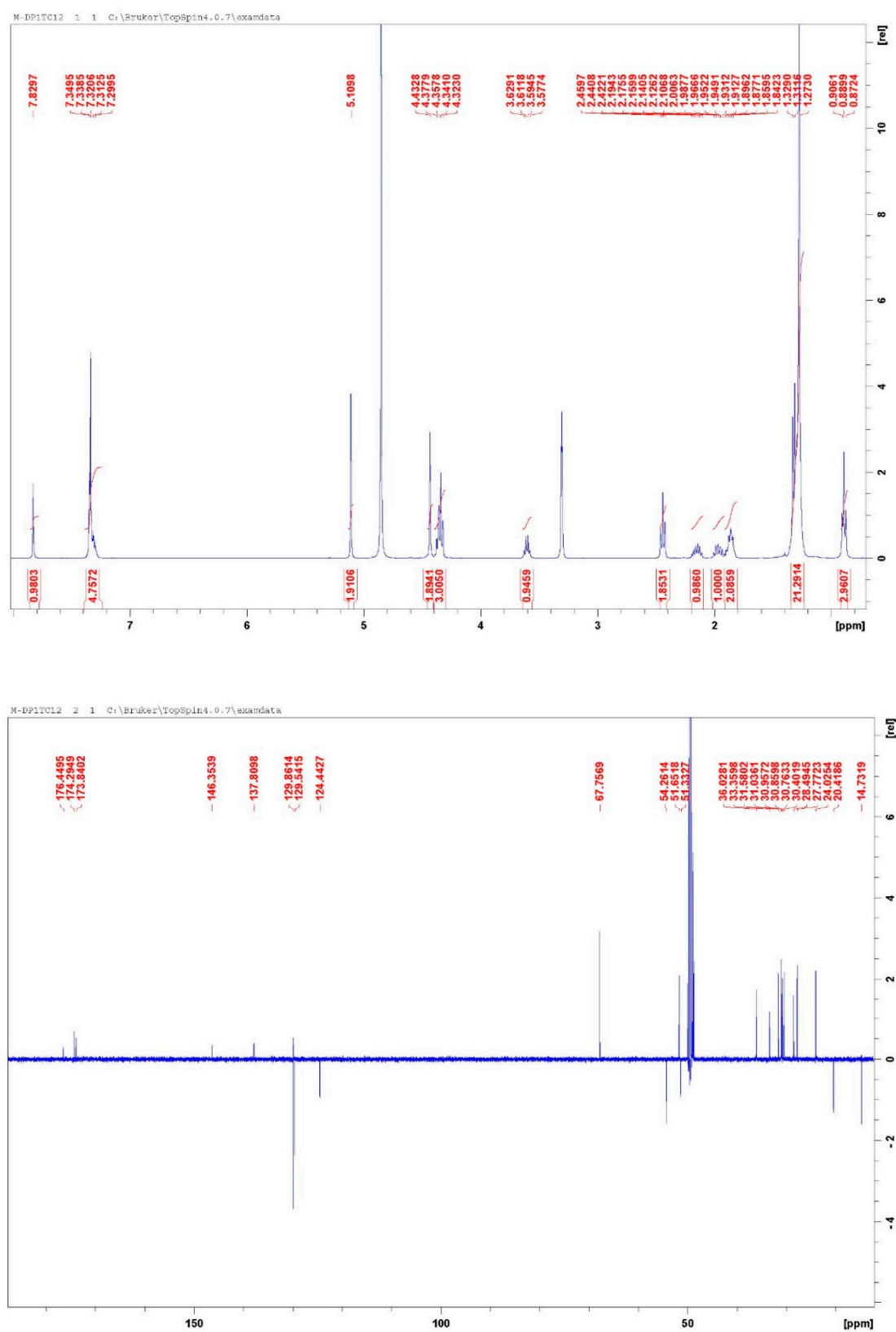


Figure S11. NMR spectra of compound **4b**

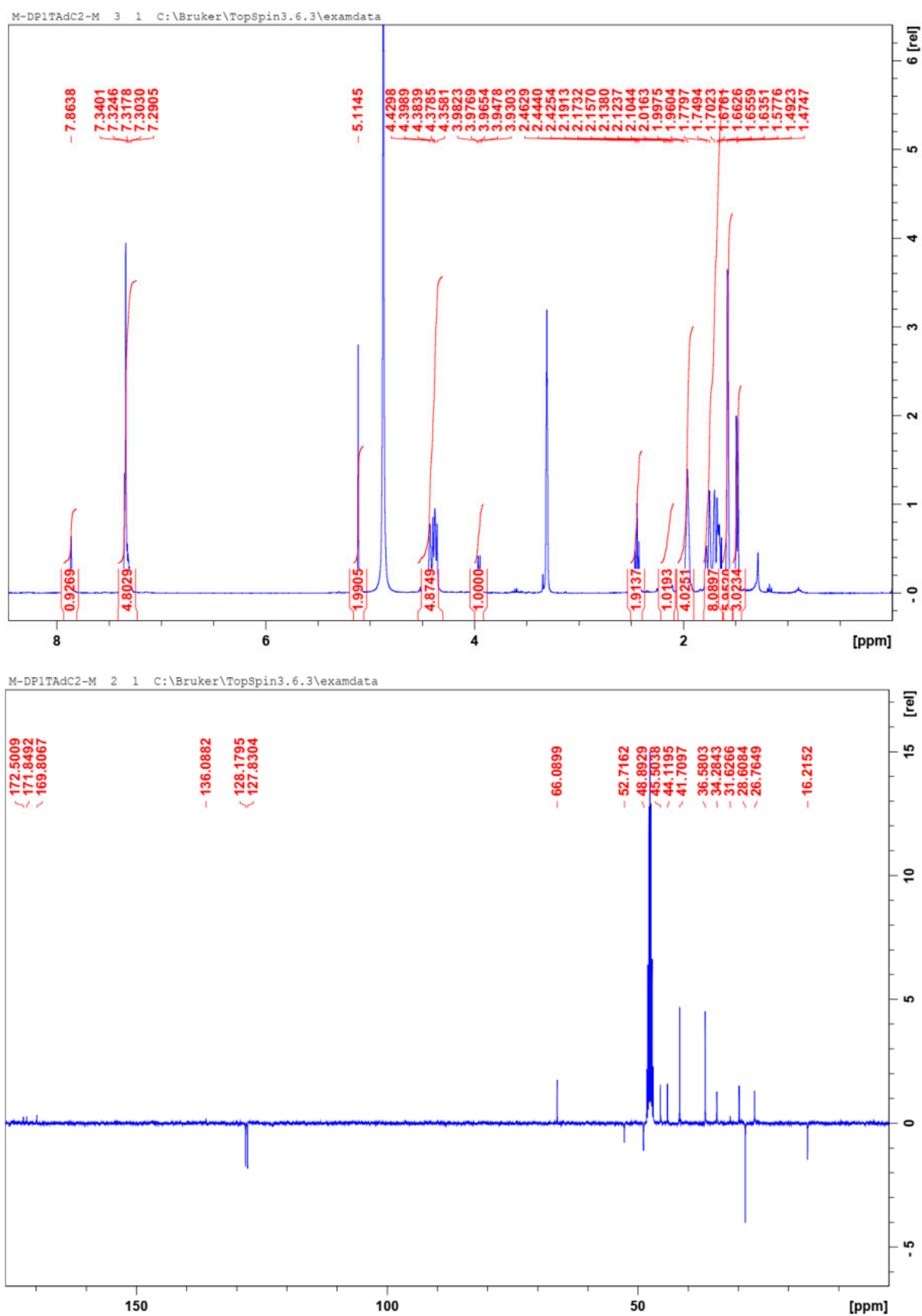


Figure S12. NMR spectra of compound **4c**

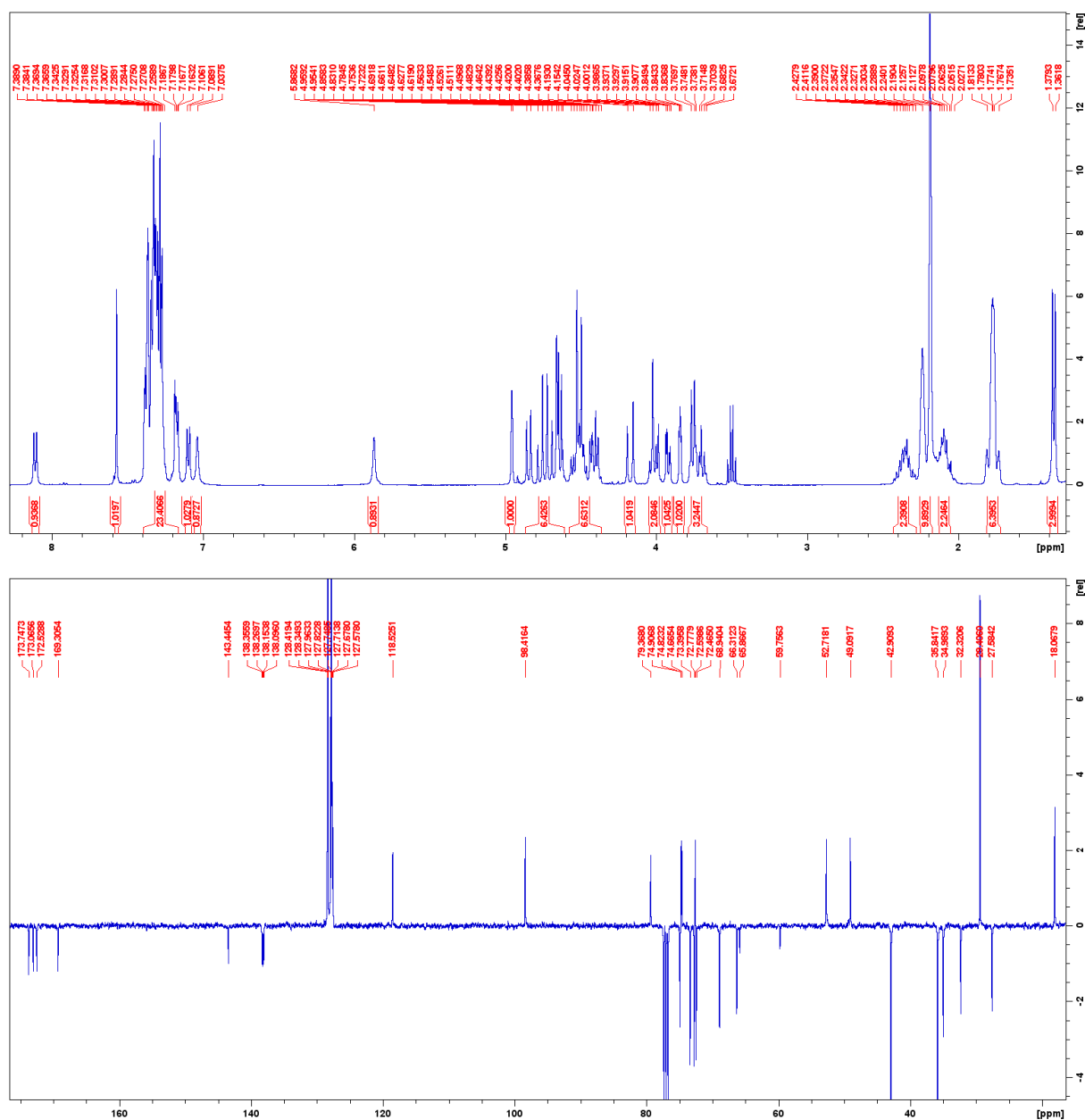


Figure S13. NMR spectra of compound 5a

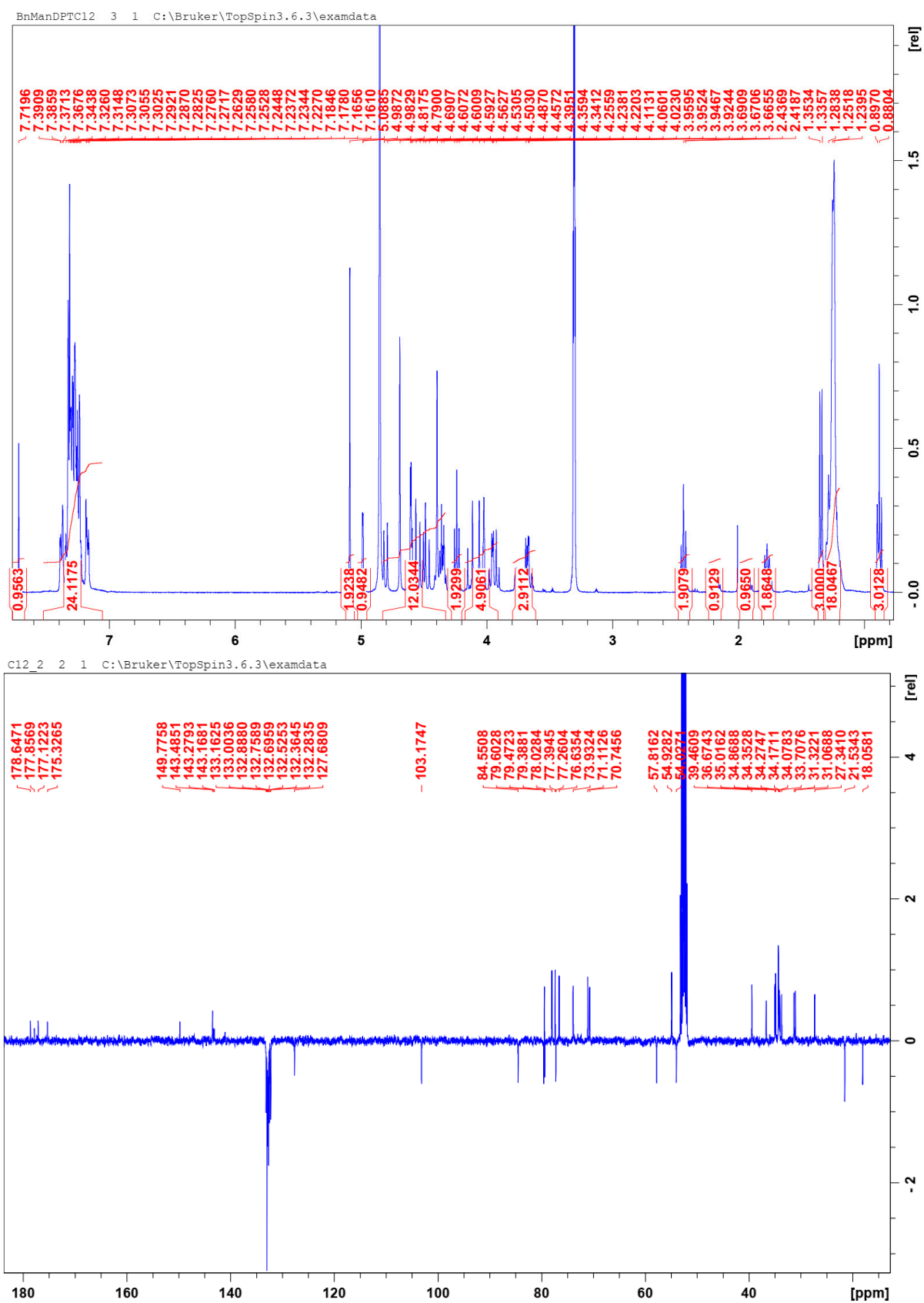


Figure S14. NMR spectra of compound **5b**

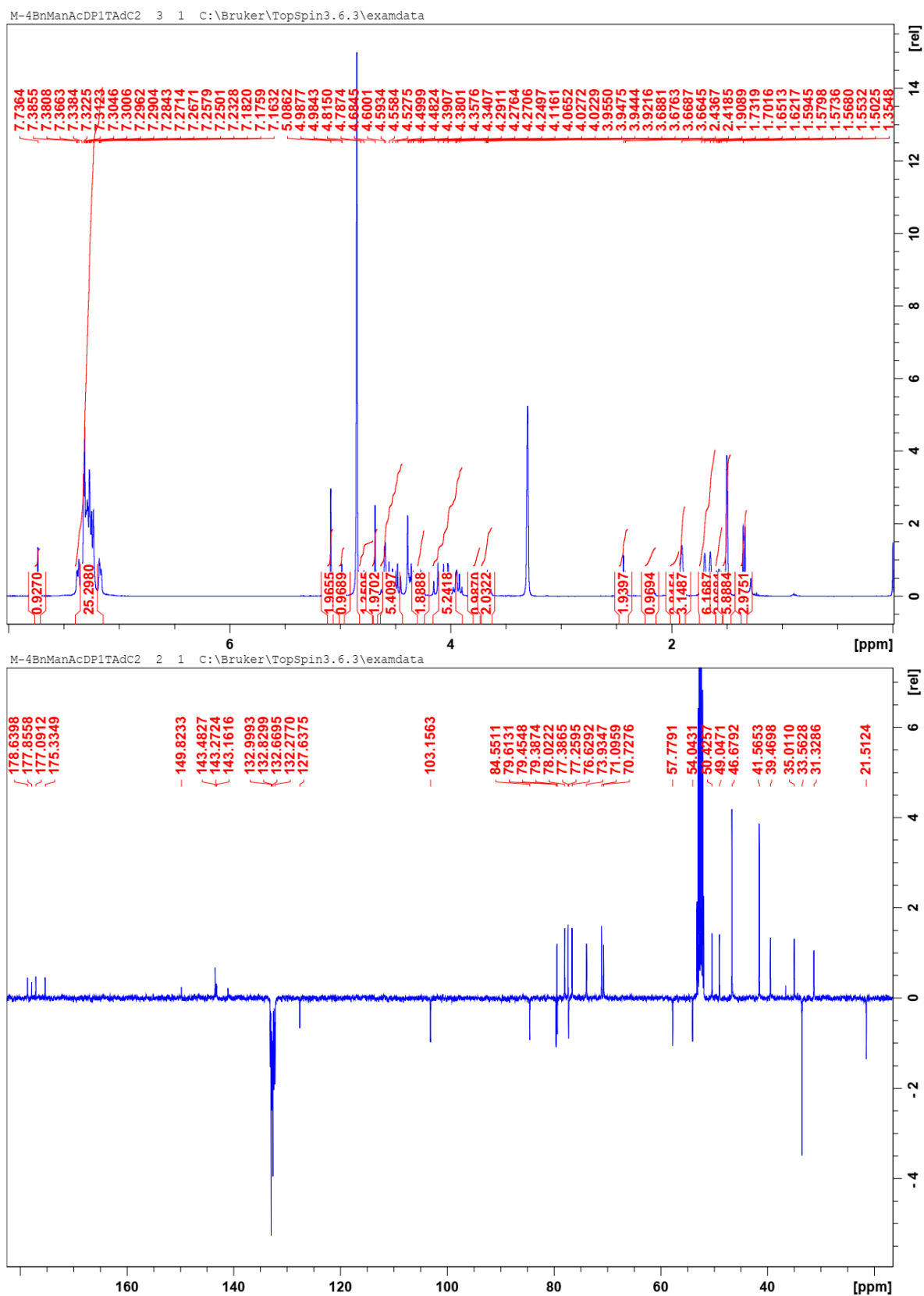


Figure S15. NMR spectra of compound 5c



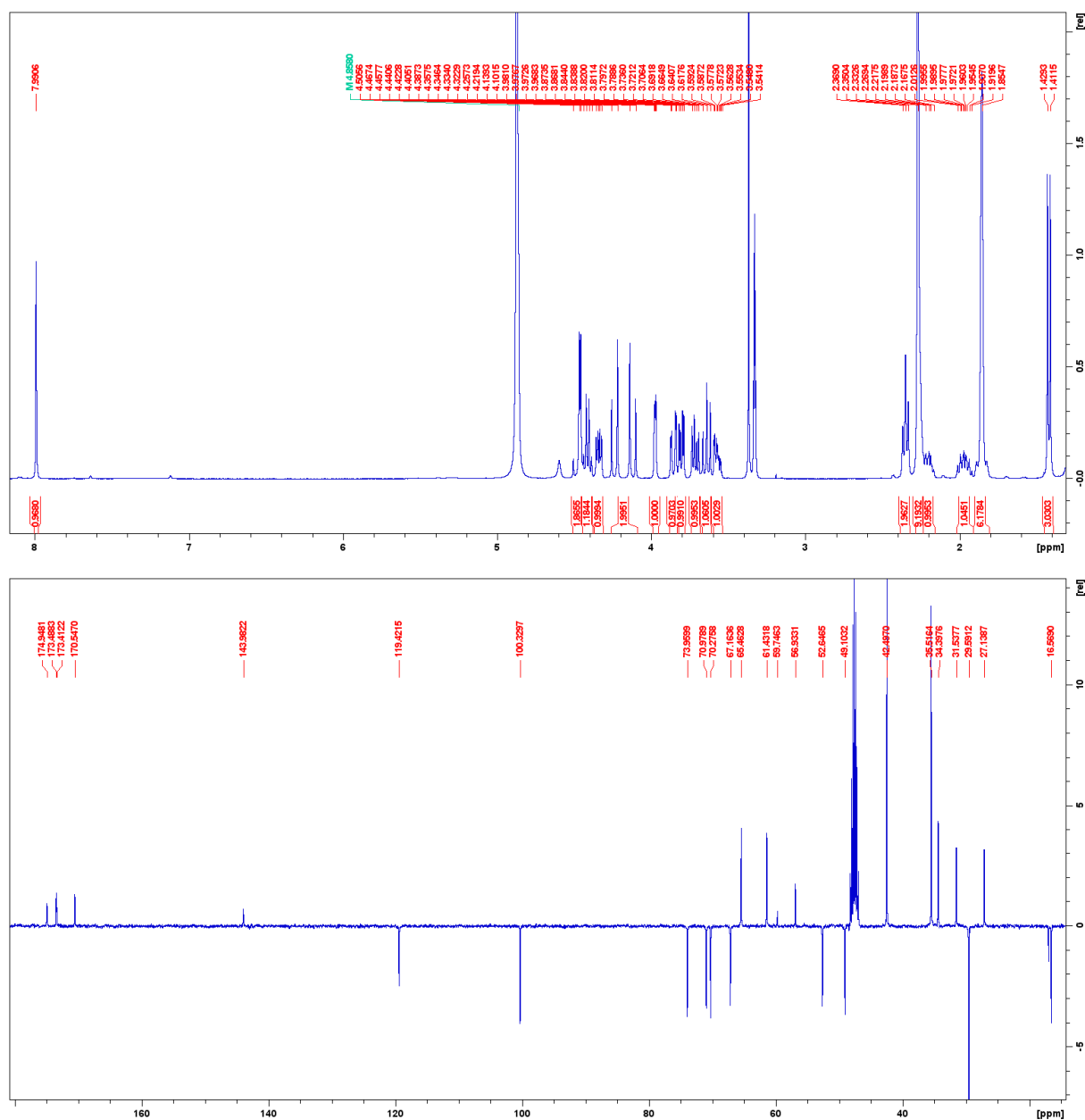


Figure S16. NMR spectra of compound 6a

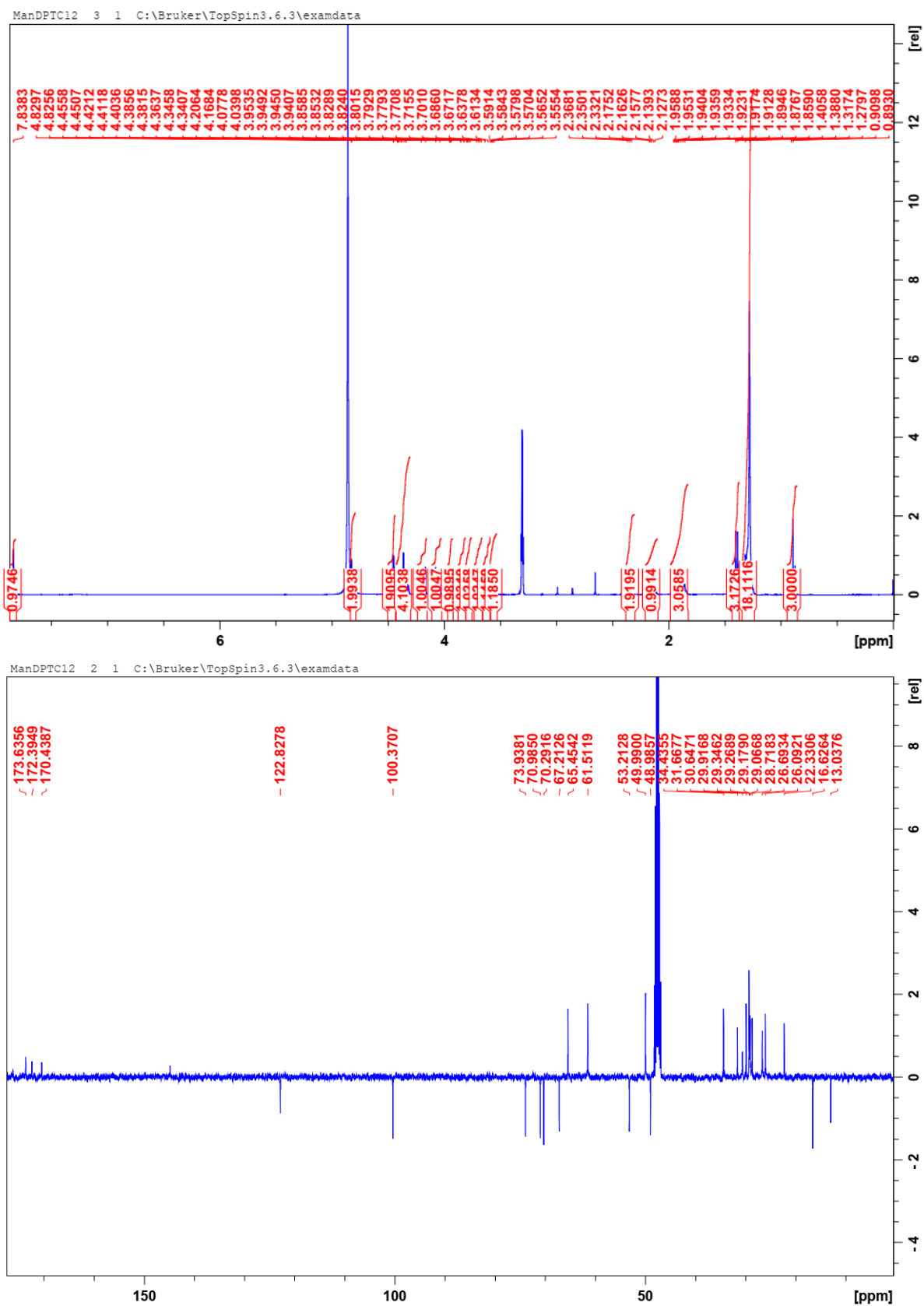


Figure S17. NMR spectra of compound **6b**

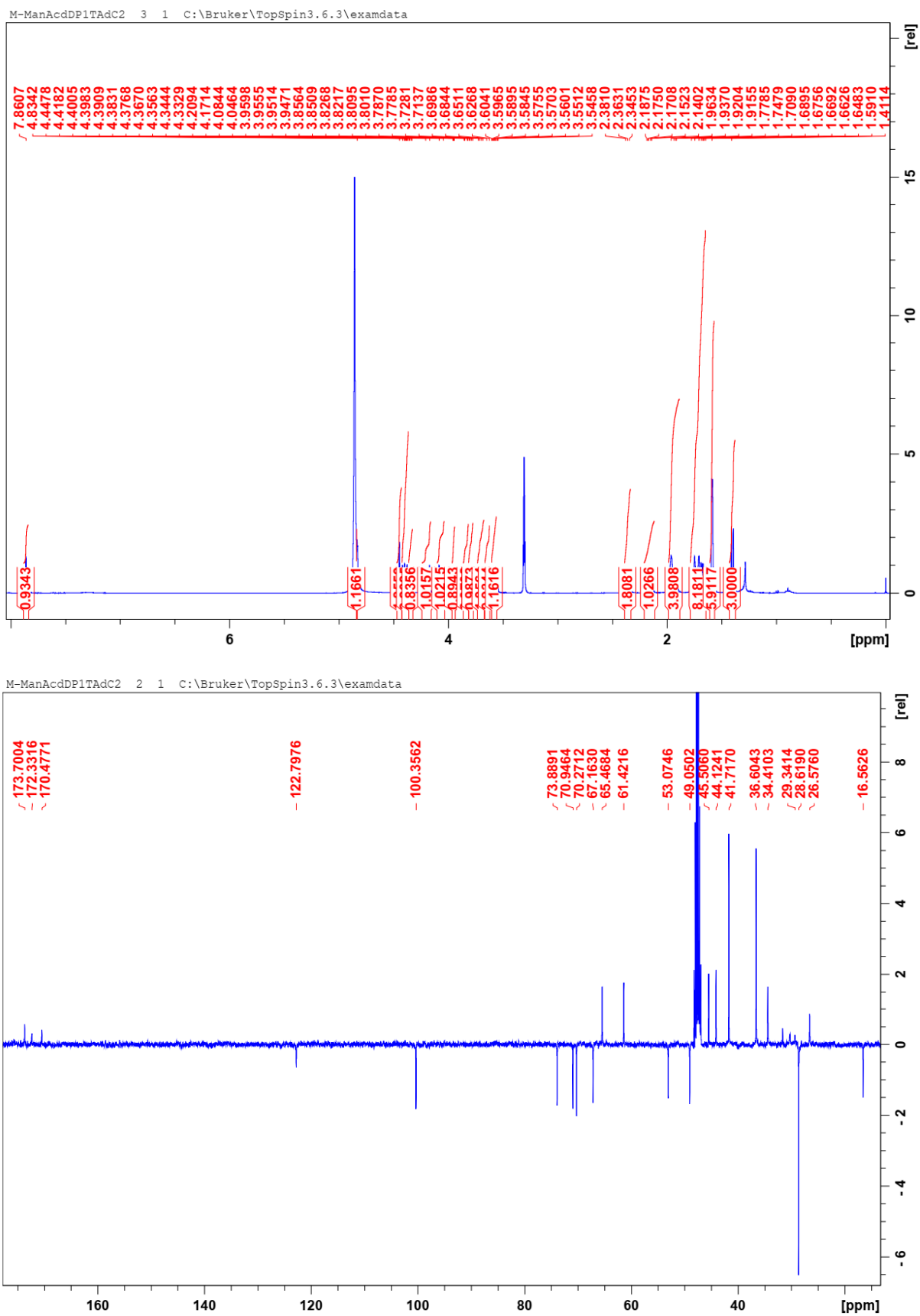


Figure S18. NMR spectra of compound 6c

Table S1. Binding energy scores of synthesized DMPs.

<b>Compound</b>	<b>Dock Score (kcal/mol)</b>
<b>ManDMPTAd</b>	-8.2
<b>6b</b>	-6.7
<b>6c</b>	-8.0