

TEMPO-catalyzed Direct Conversion of Primary Alcohols to α -Chloroacetals with TCCA Both as an Oxidant and a Chlorination Reagent

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^1H NMR and ^{13}C NMR spectra for 1a-1p and 2a-2d

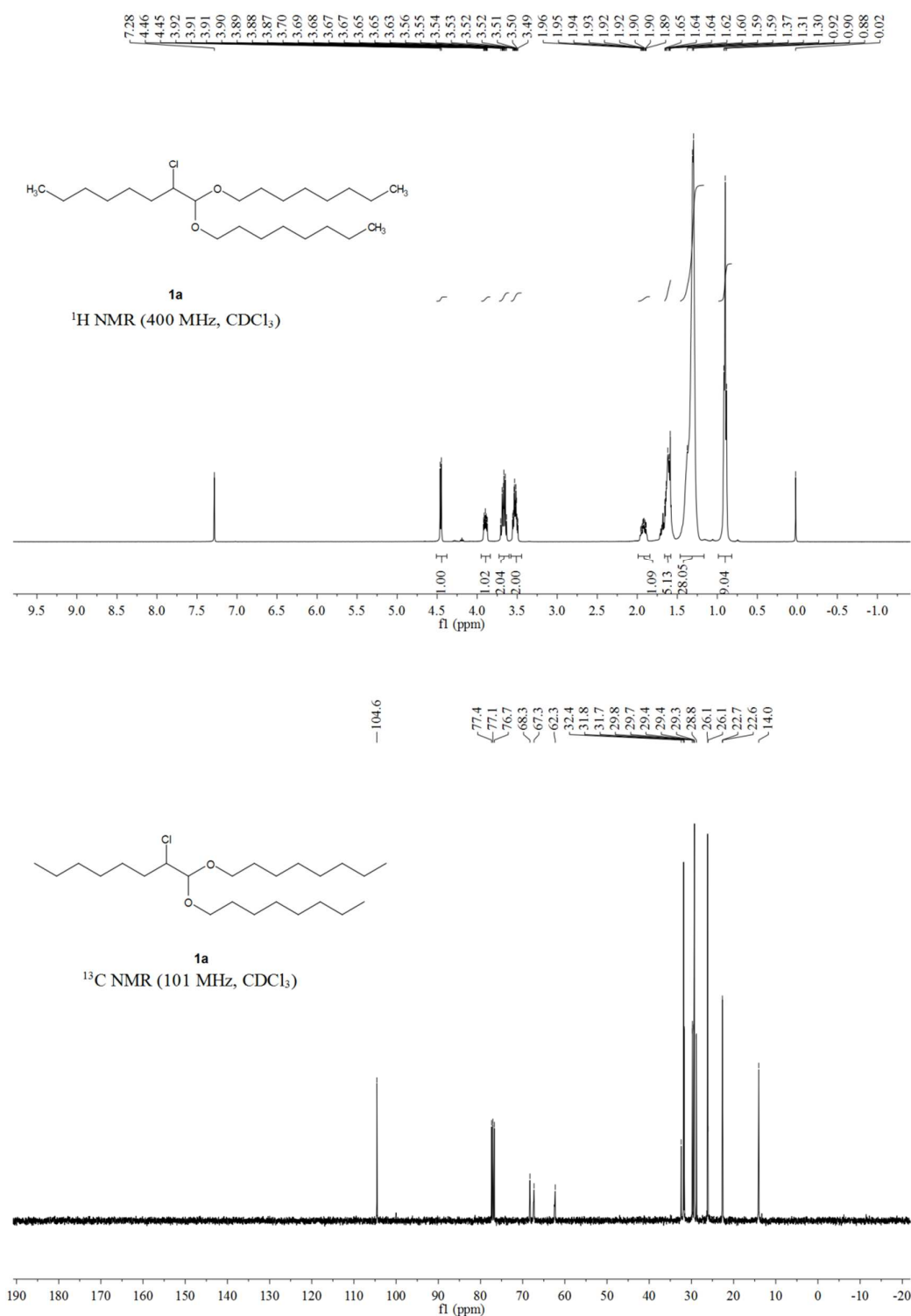


Figure S1. NMR spectra of 1a

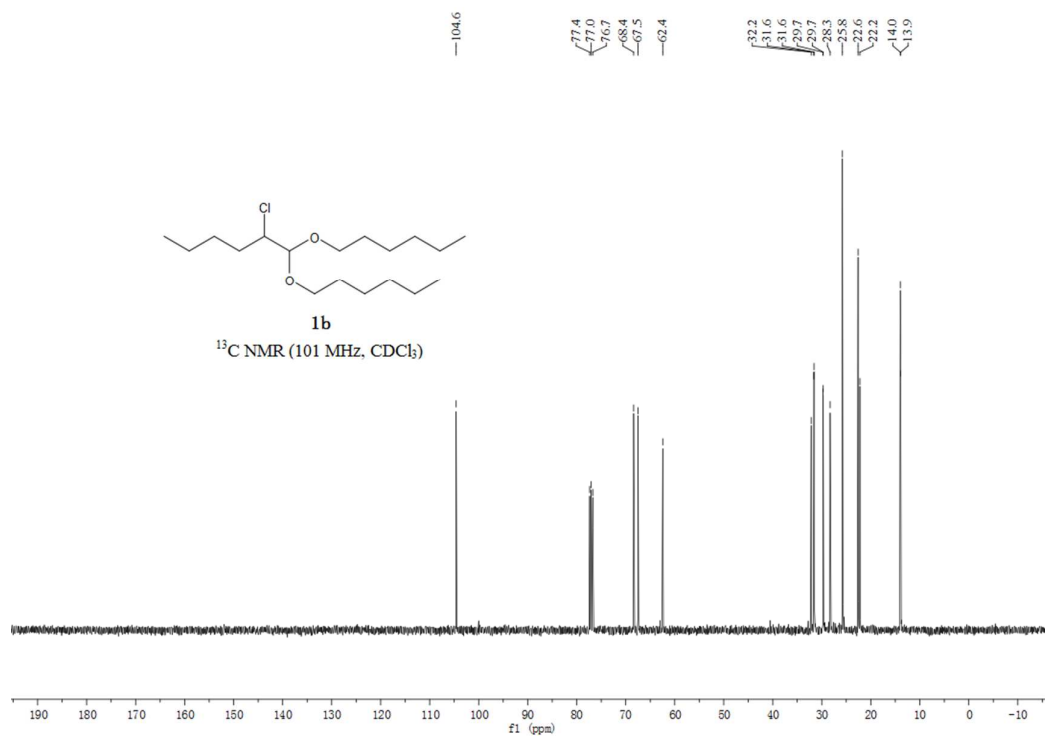
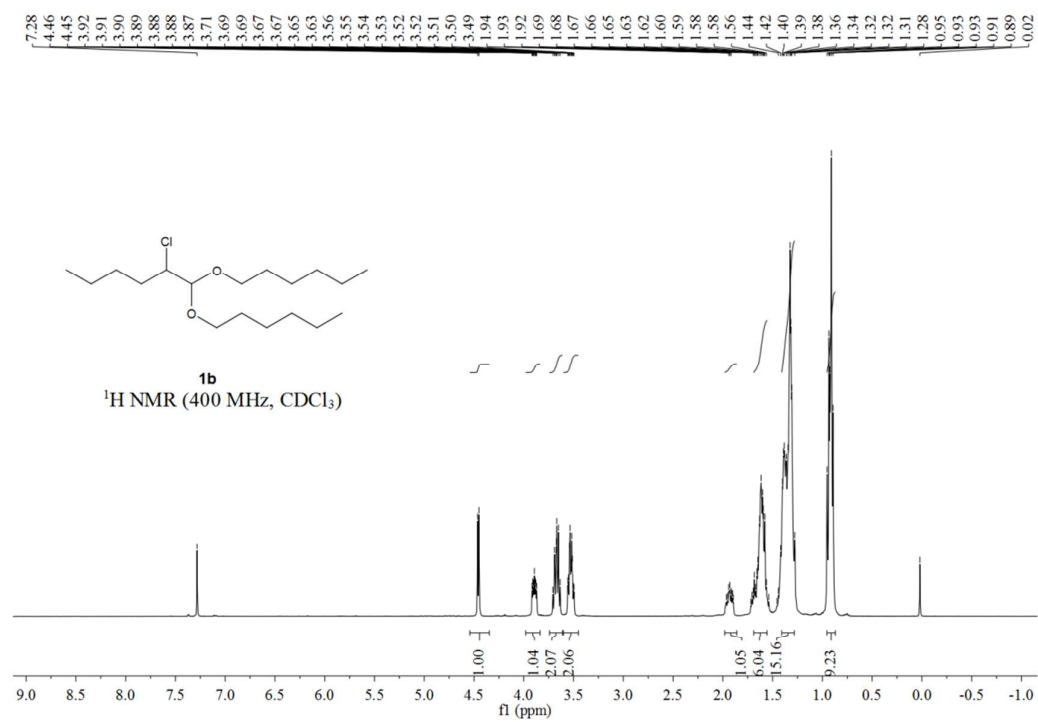


Figure S2. NMR spectra of **1b**

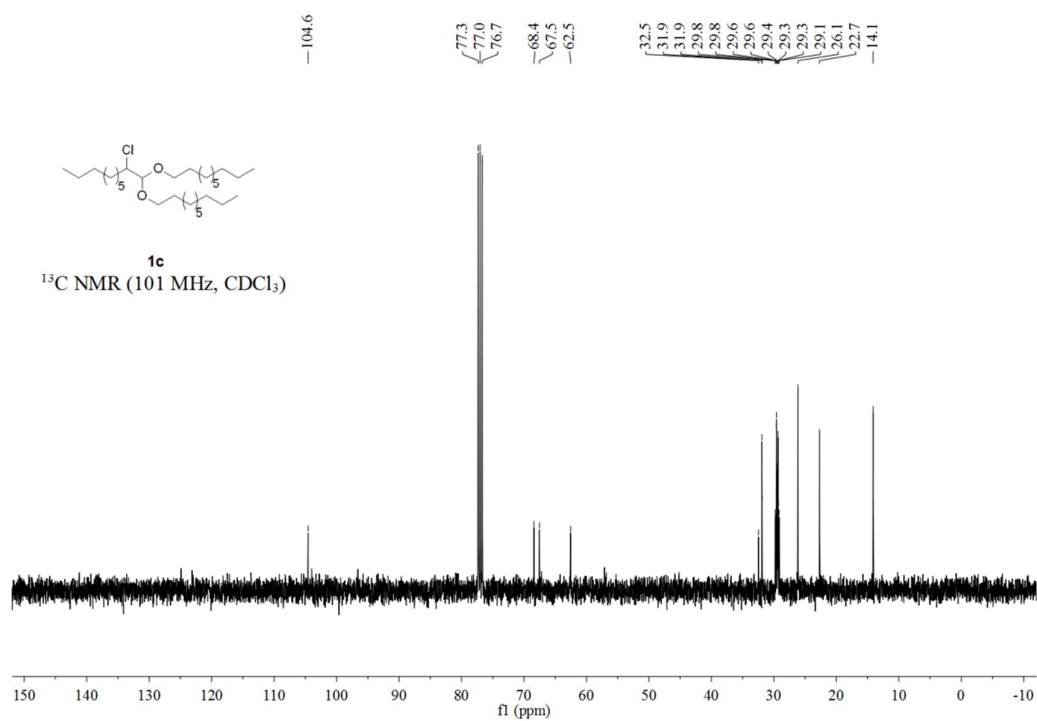
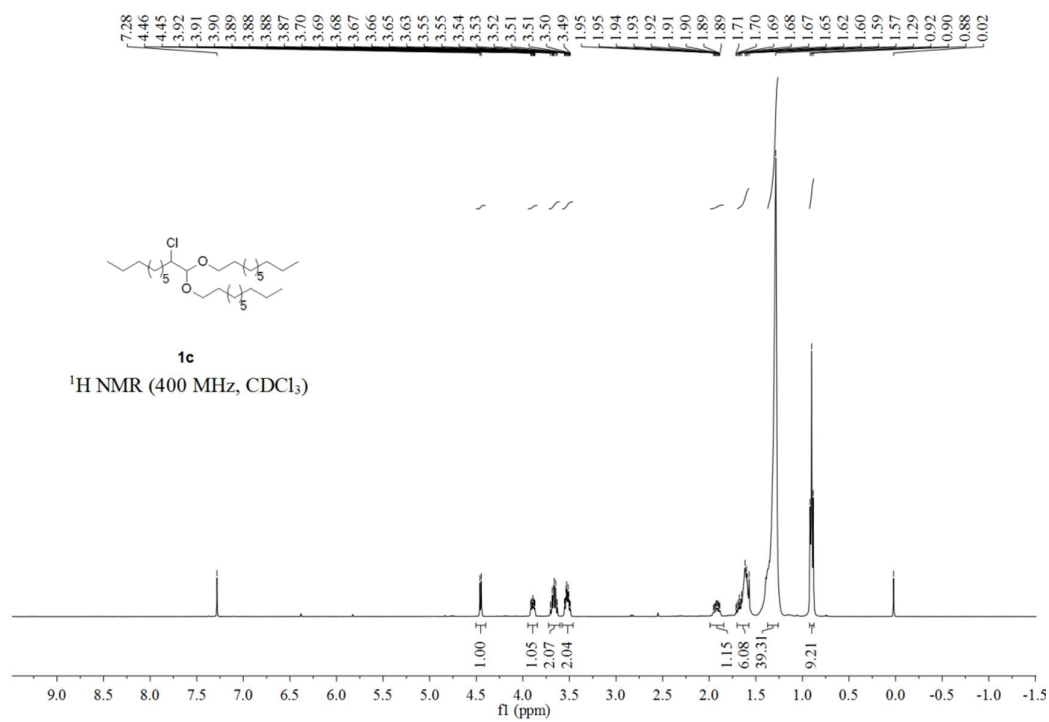


Figure S3. NMR spectra of **1c**

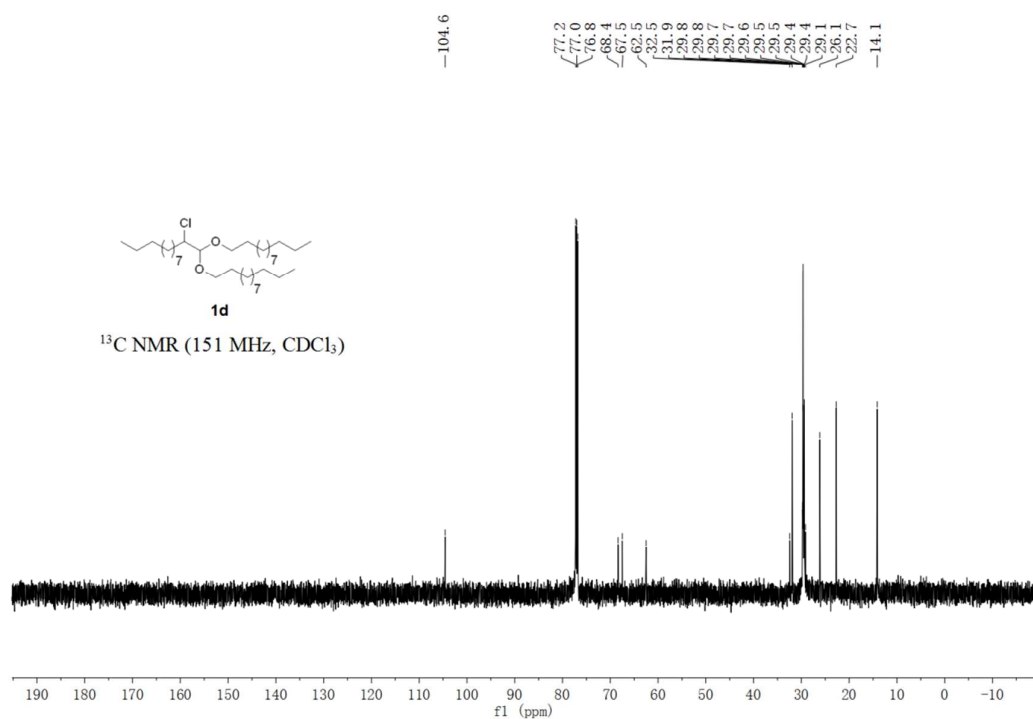
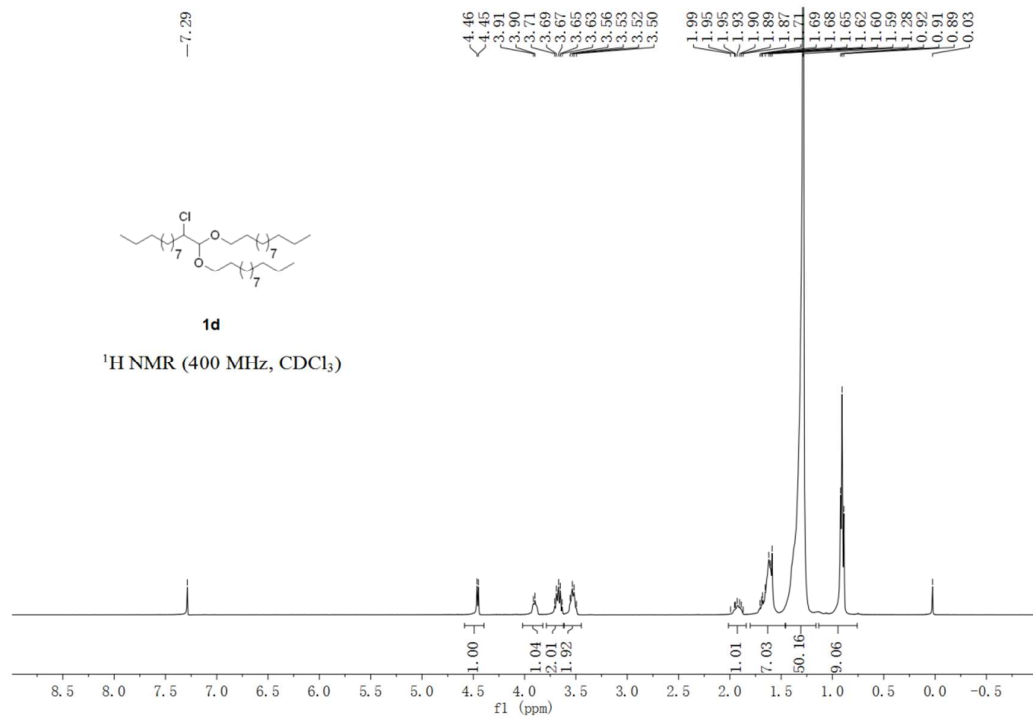


Figure S4. NMR spectra of **1d**

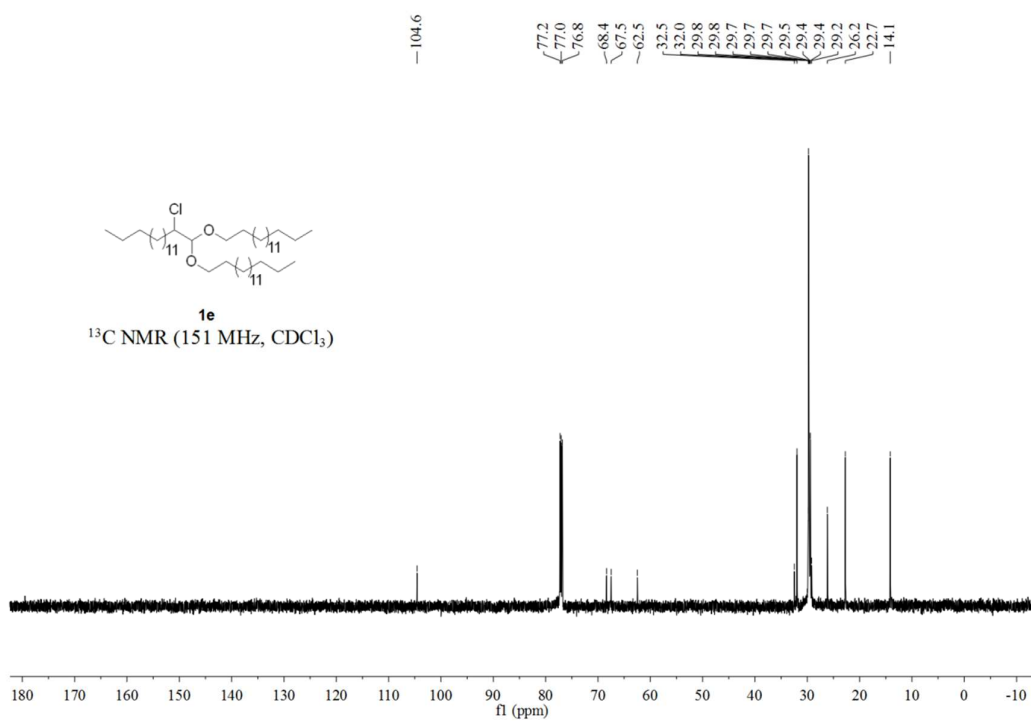
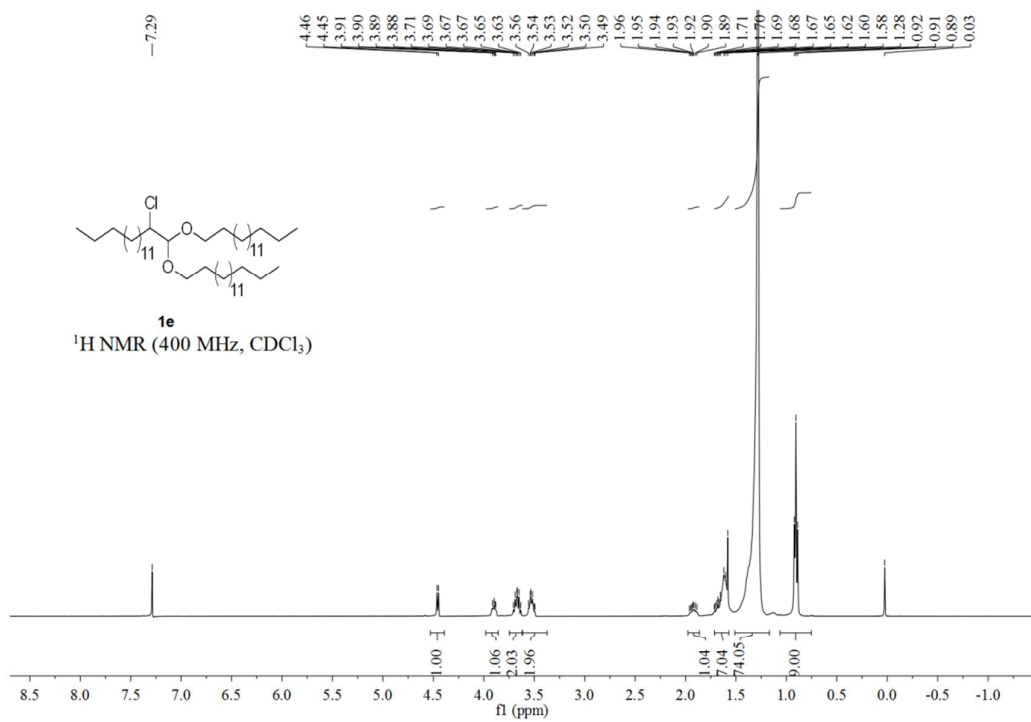


Figure S5. NMR spectra of **1e**

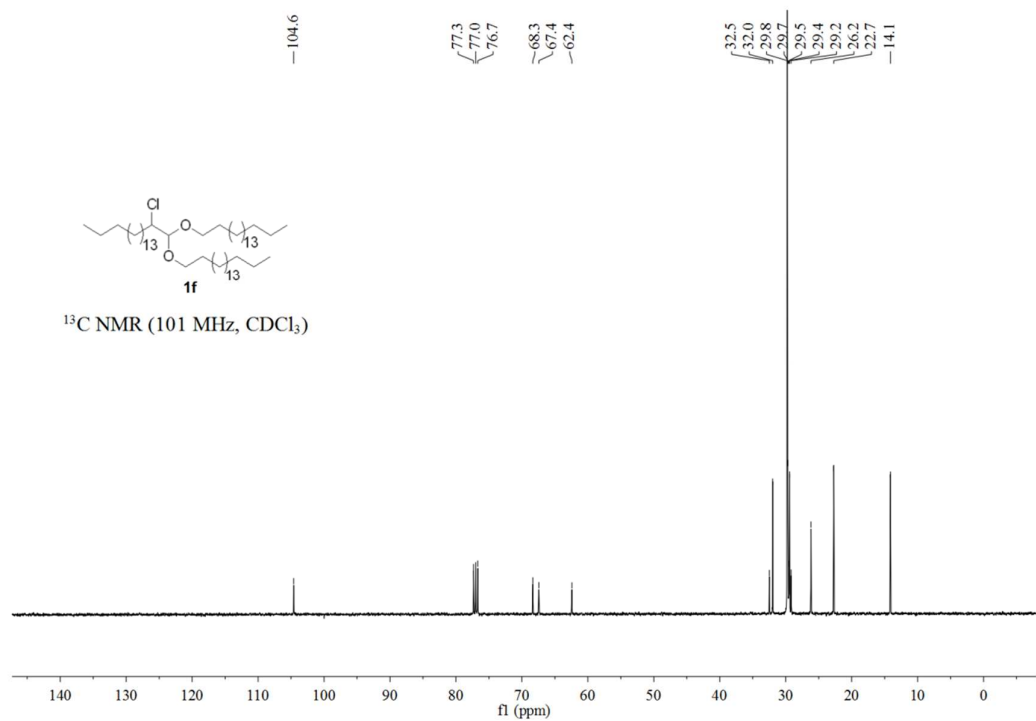
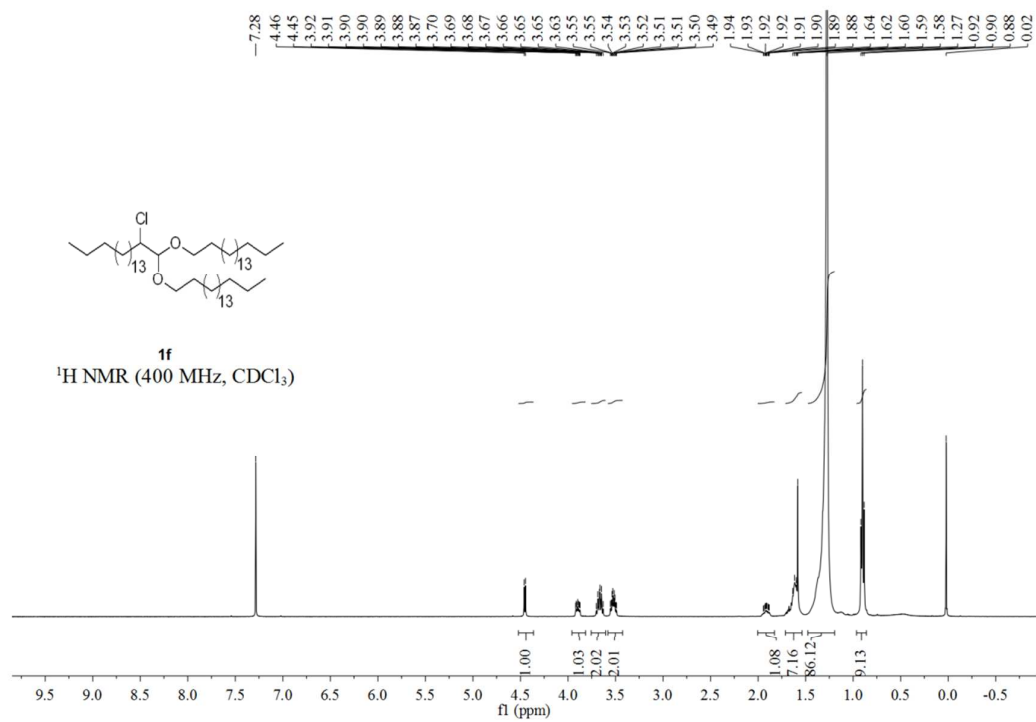


Figure S6. NMR spectra of **1f**

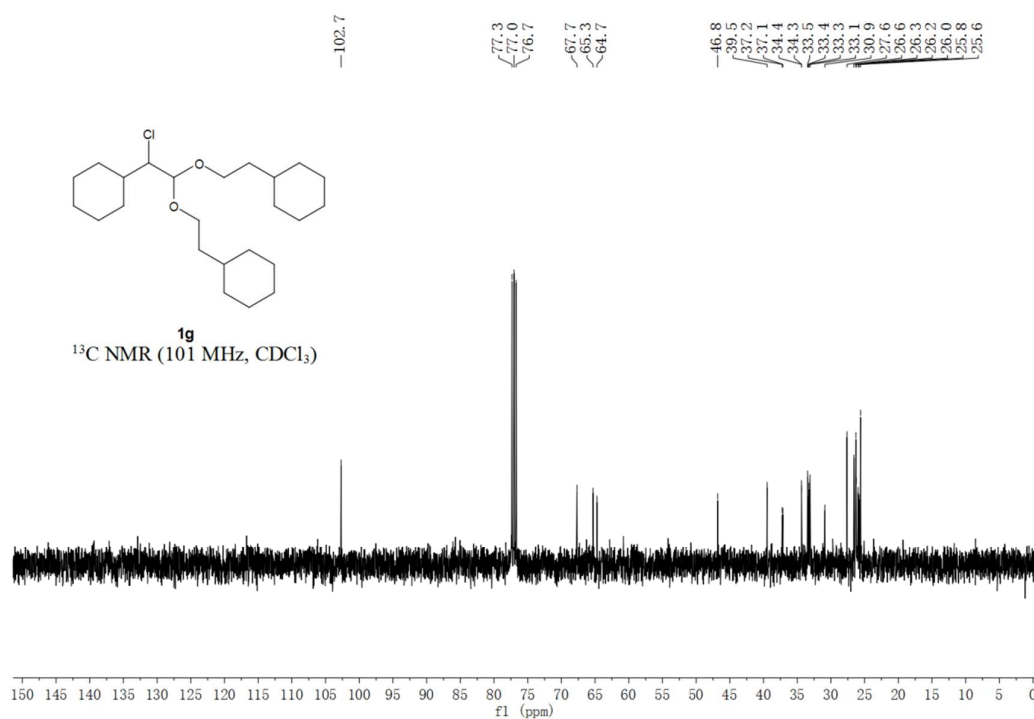
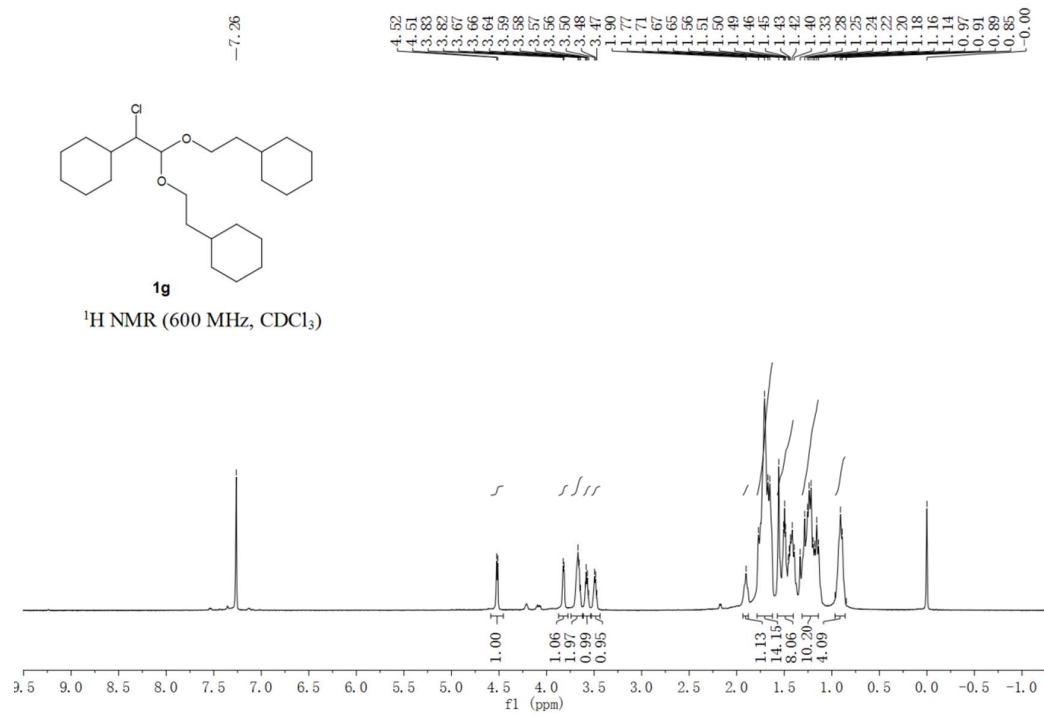


Figure S7. NMR spectra of **1g**

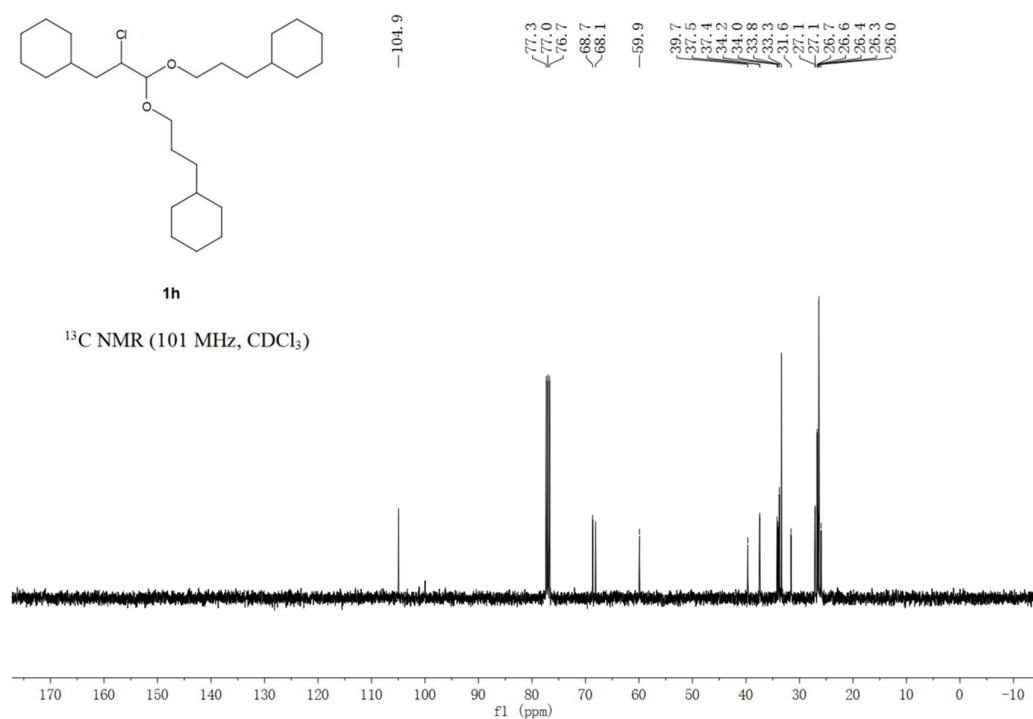
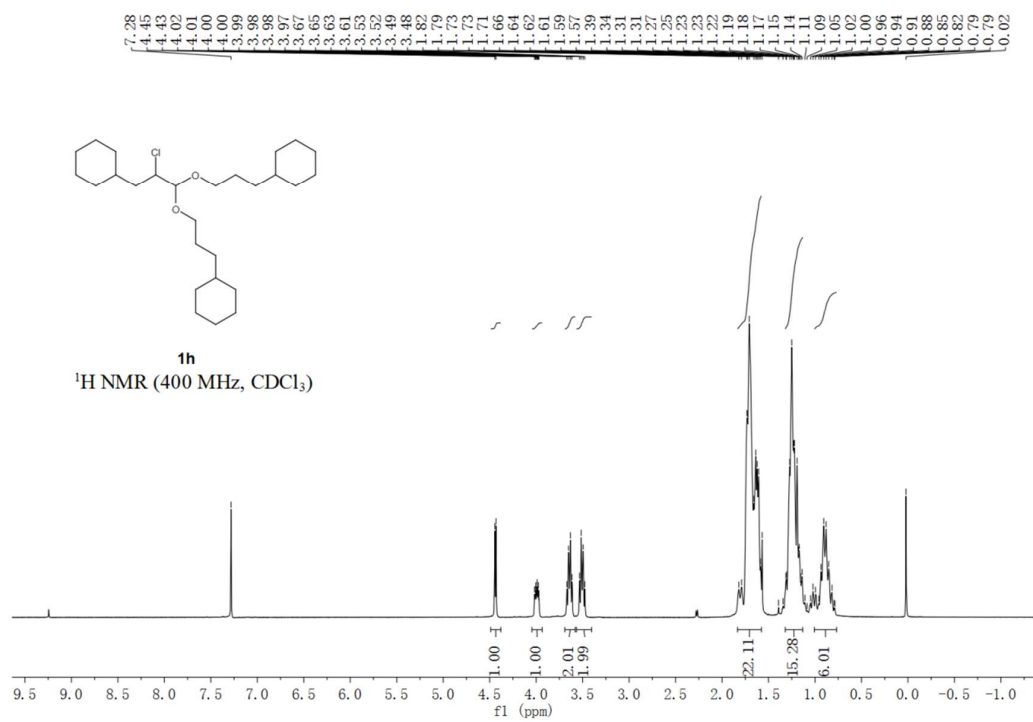


Figure S8. NMR spectra of **1h**

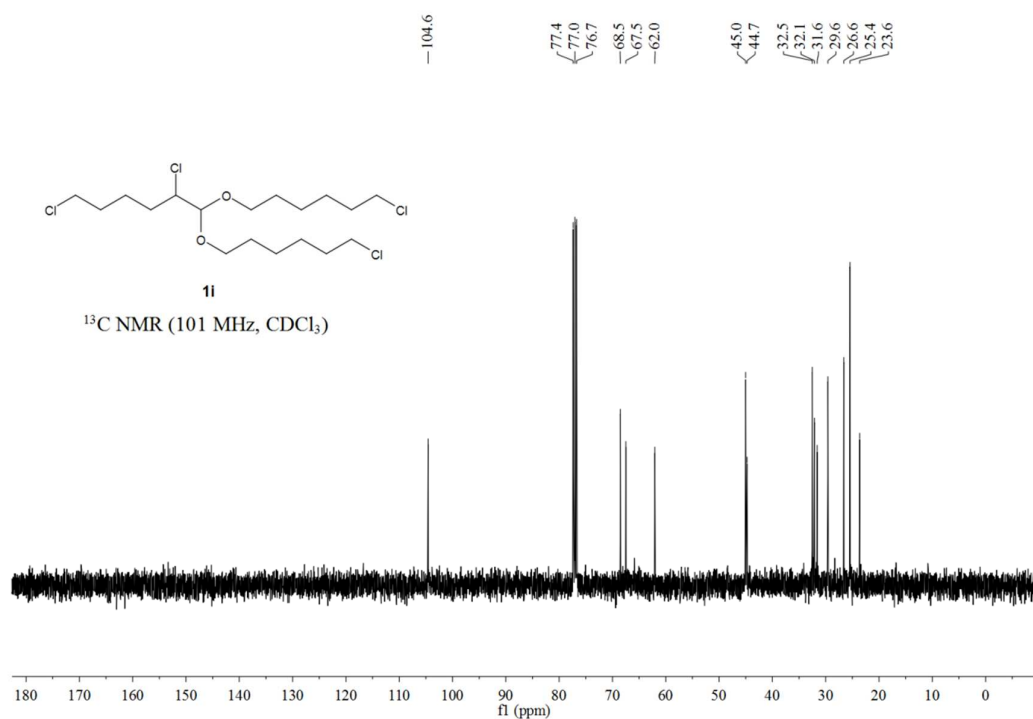
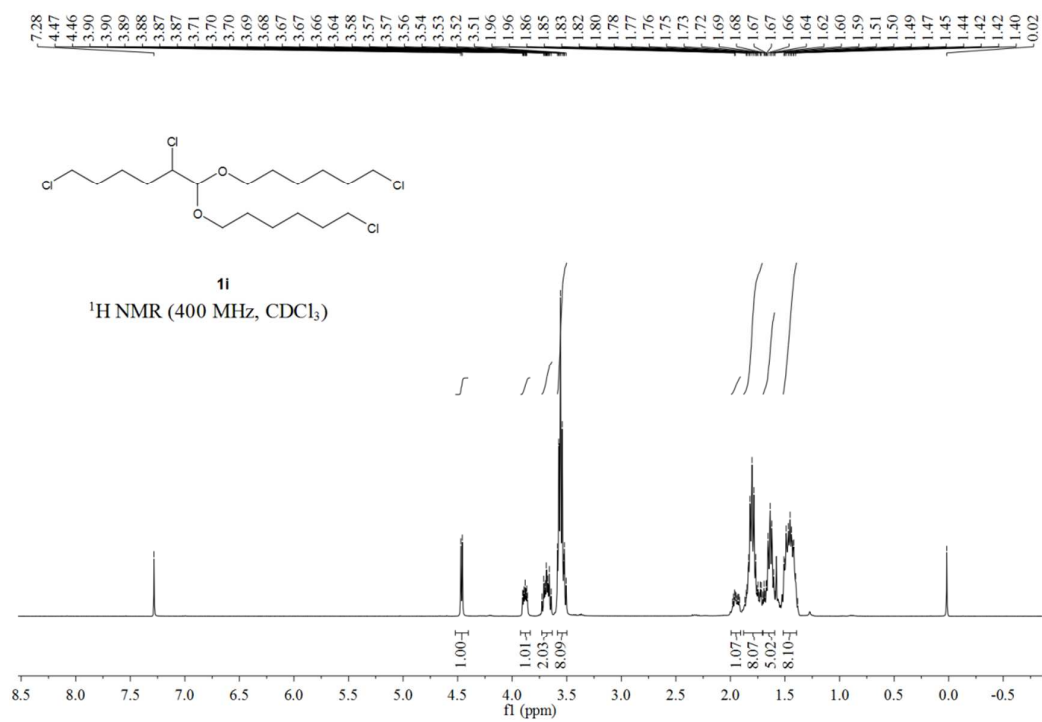


Figure S9. NMR spectra of **1i**

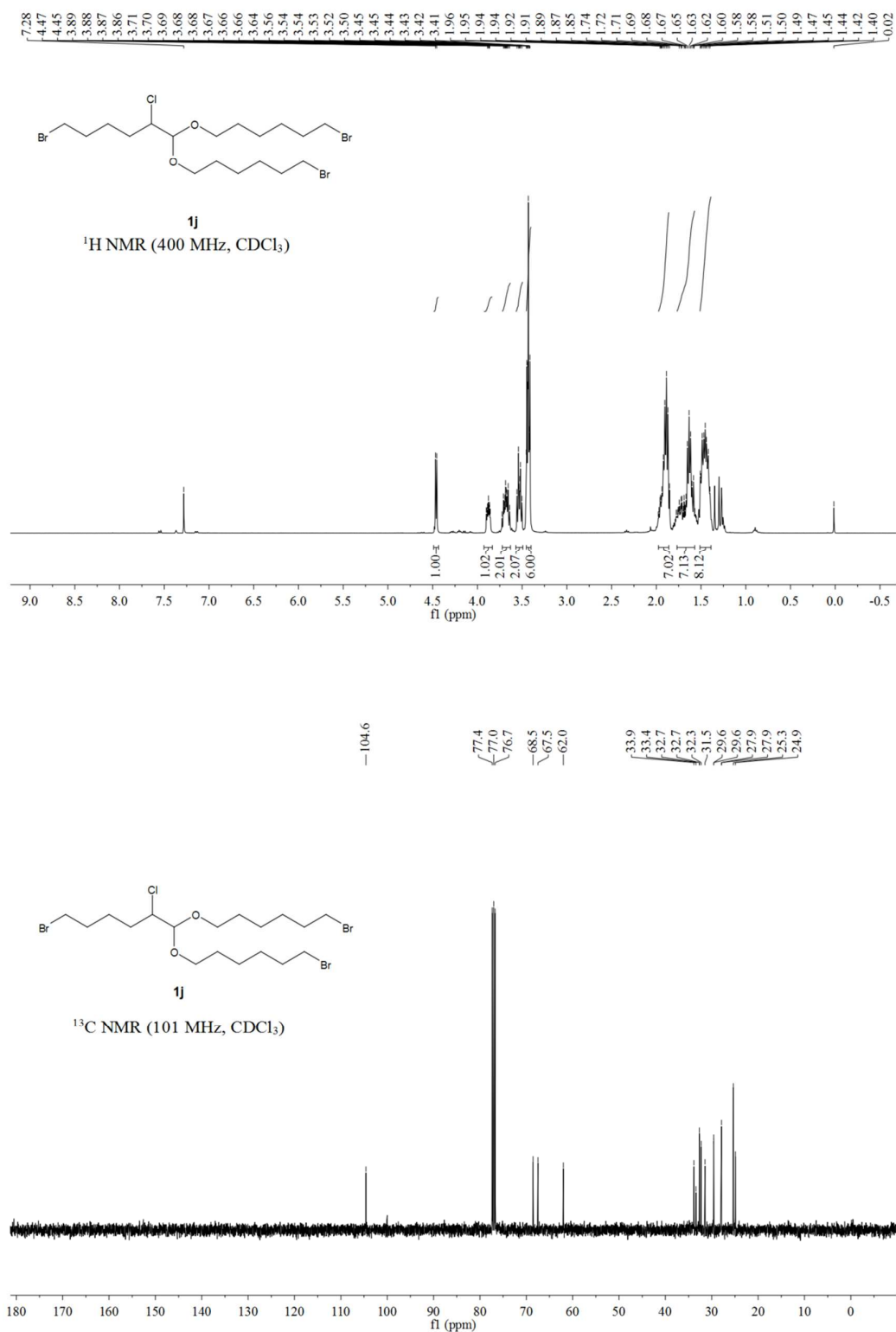


Figure S10. NMR spectra of **1j**

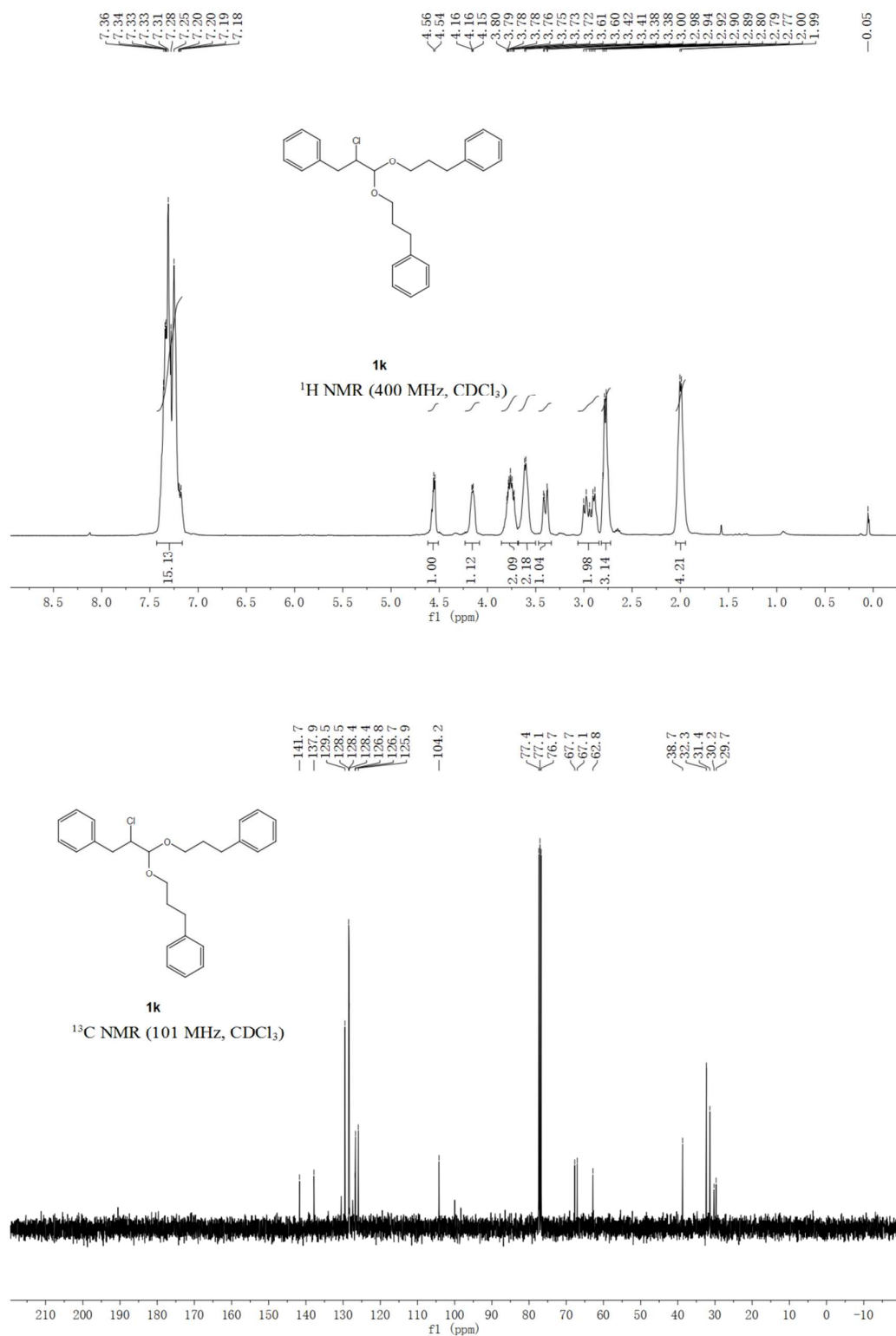


Figure S11. NMR spectra of **1k**

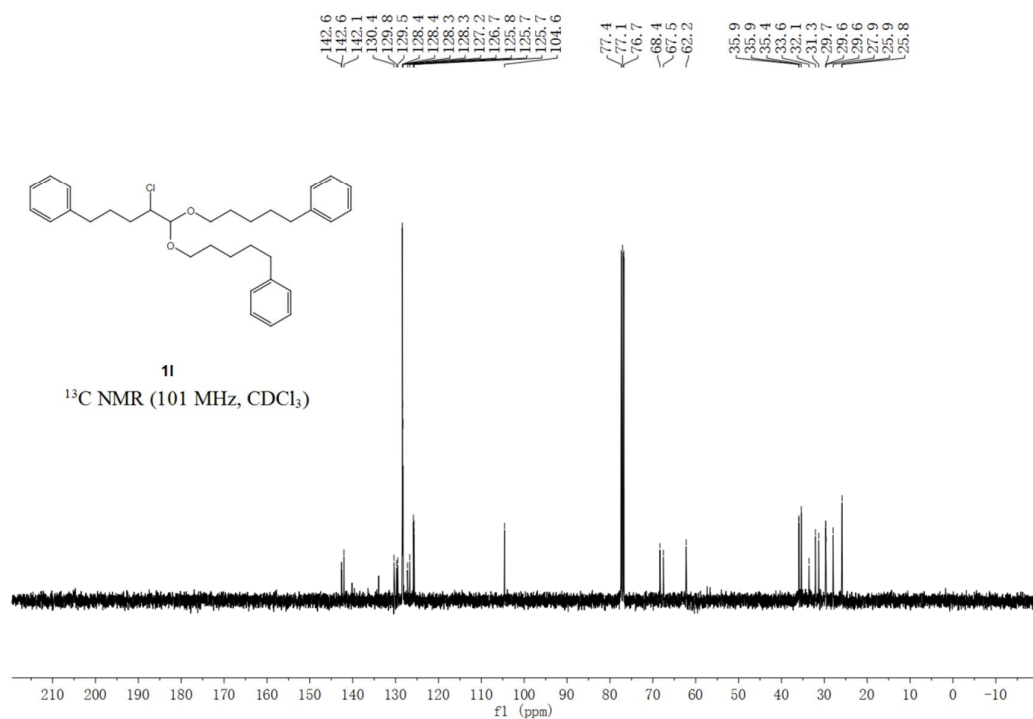
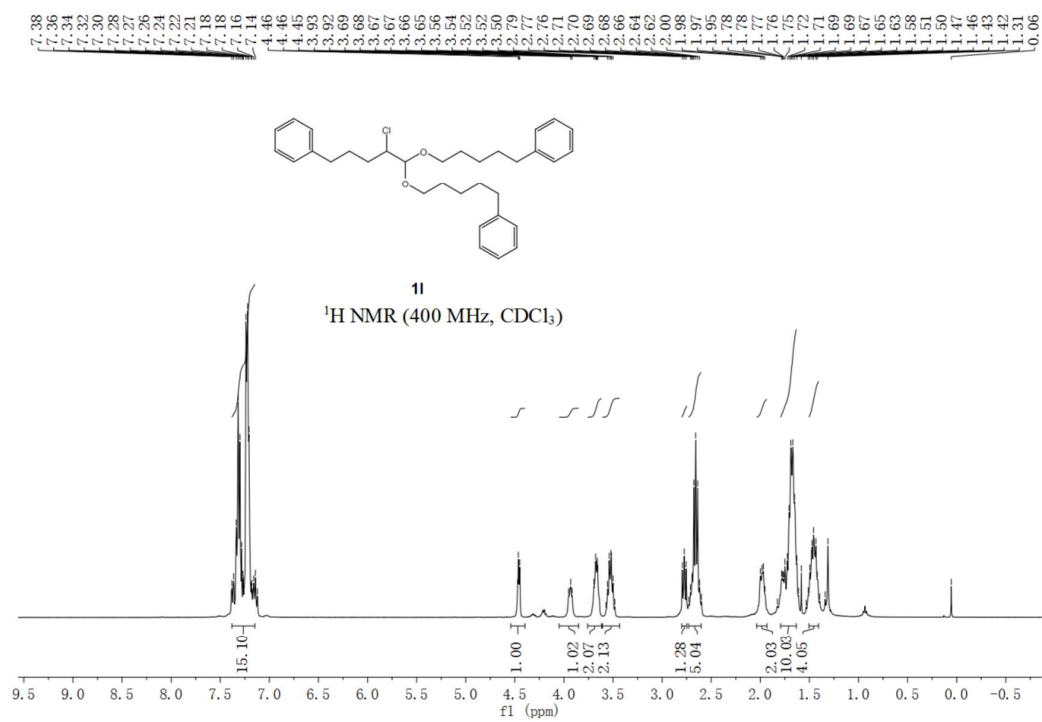


Figure S12. NMR spectra of **11**

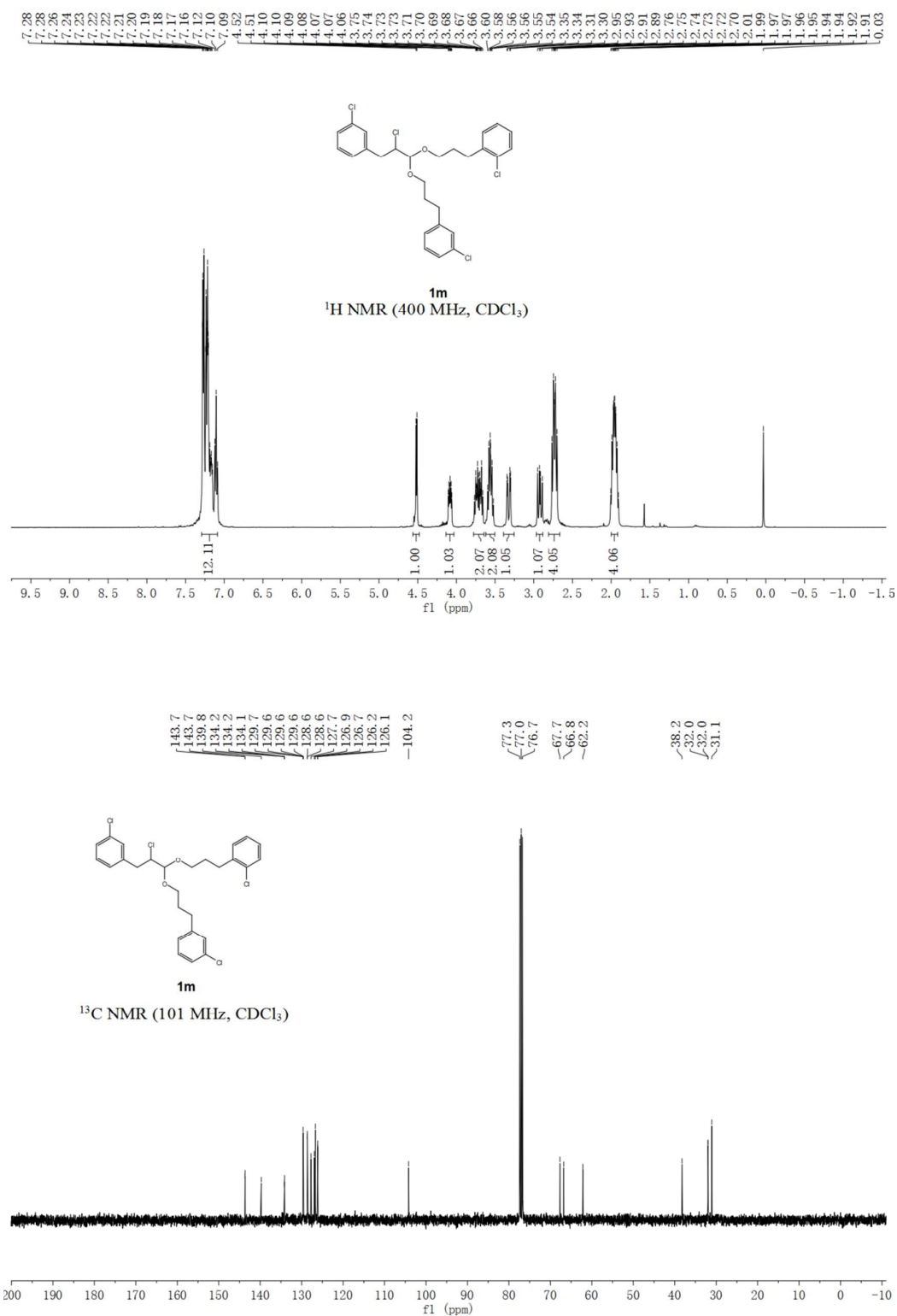


Figure S13. NMR spectra of **1m**

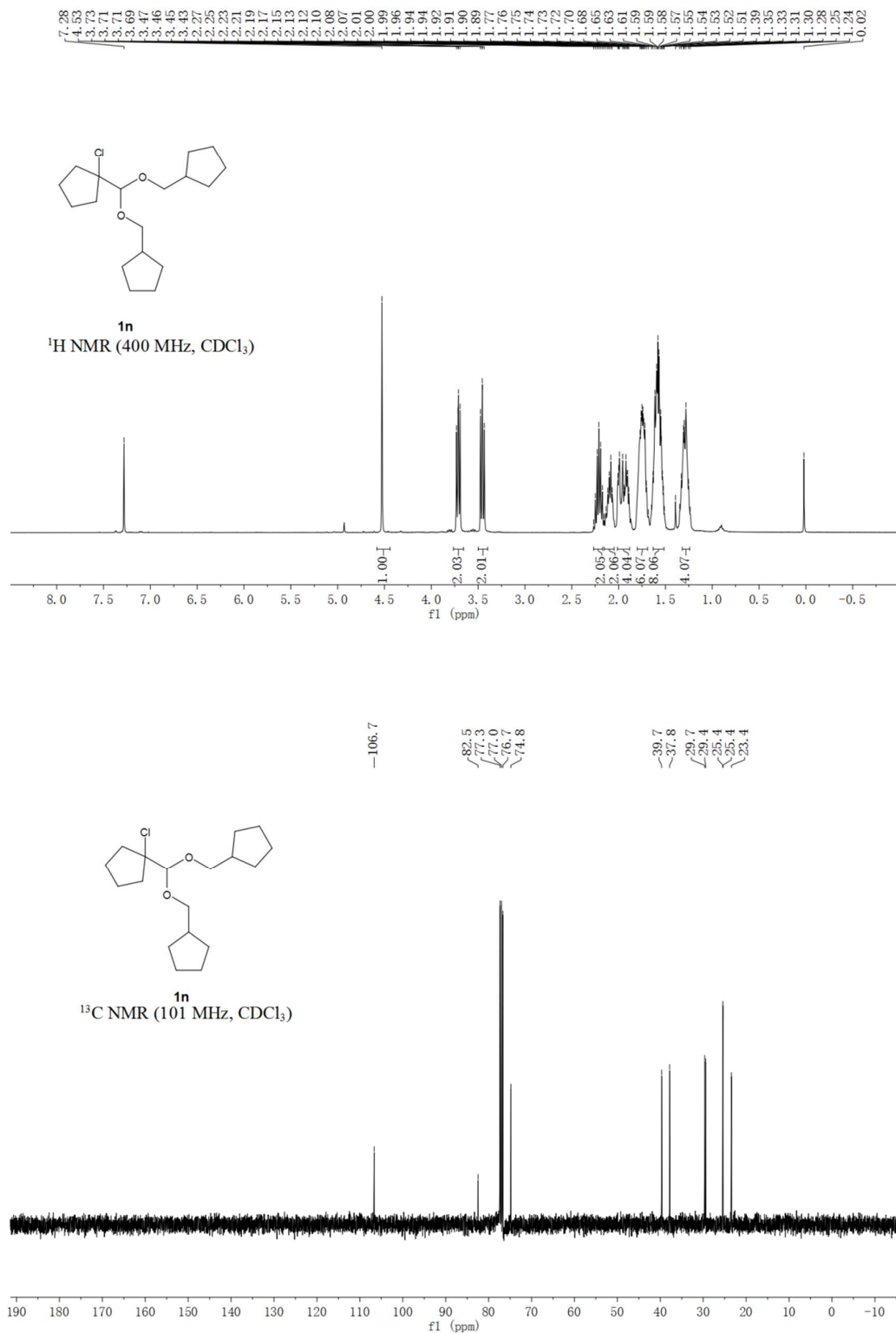


Figure S14. NMR spectra of **1n**

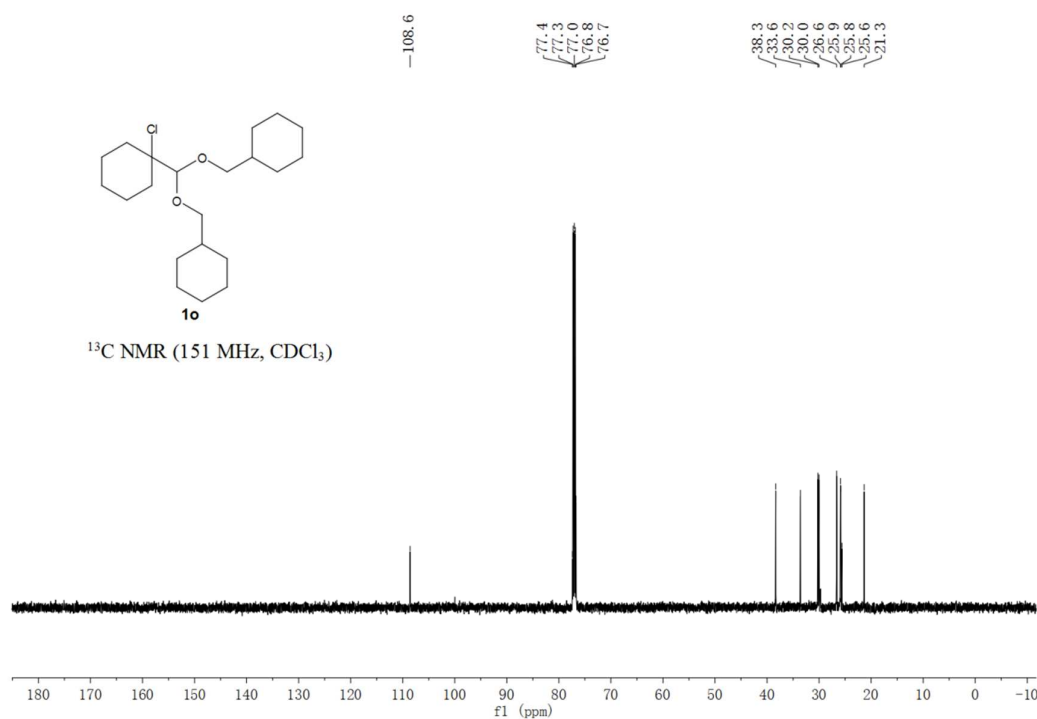
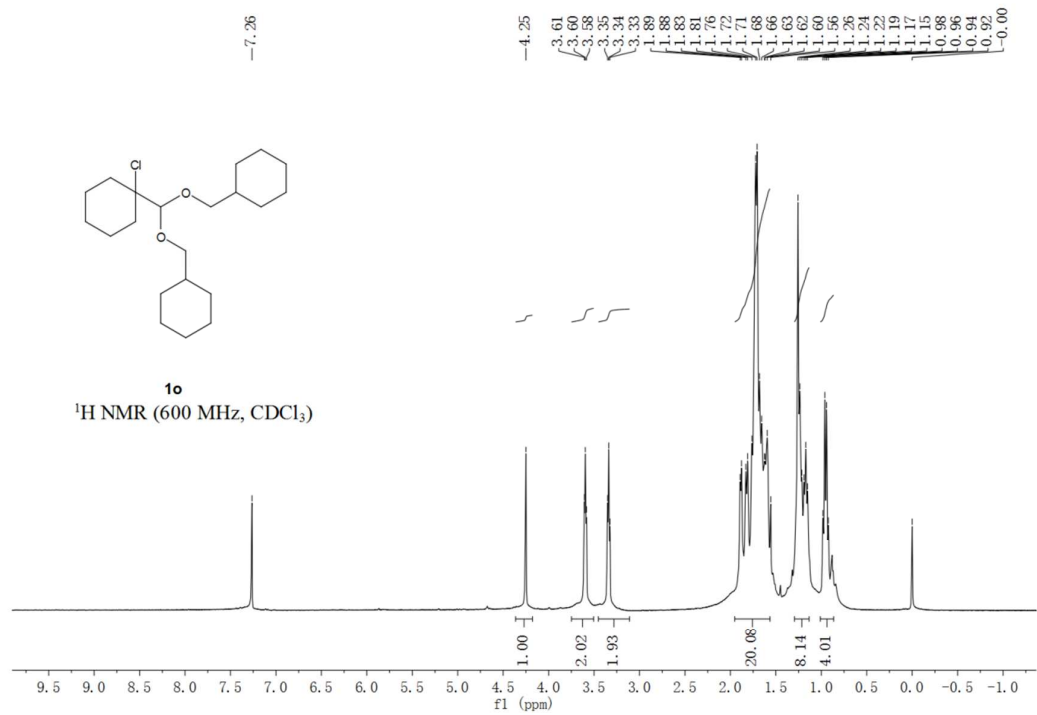


Figure S15. NMR spectra of **1o**

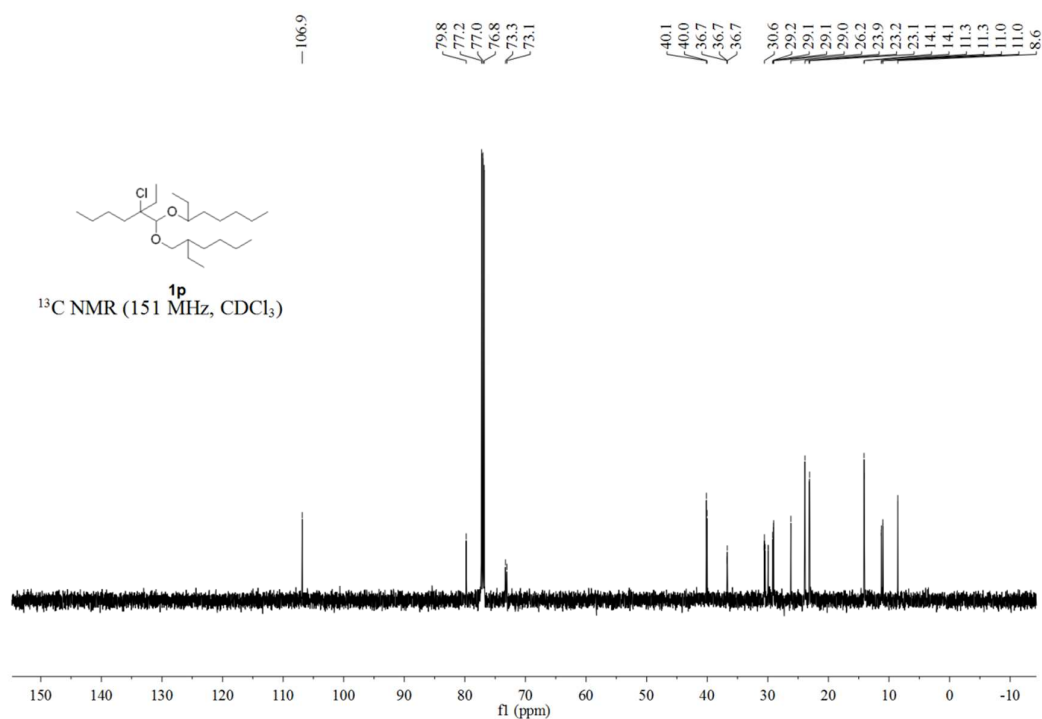
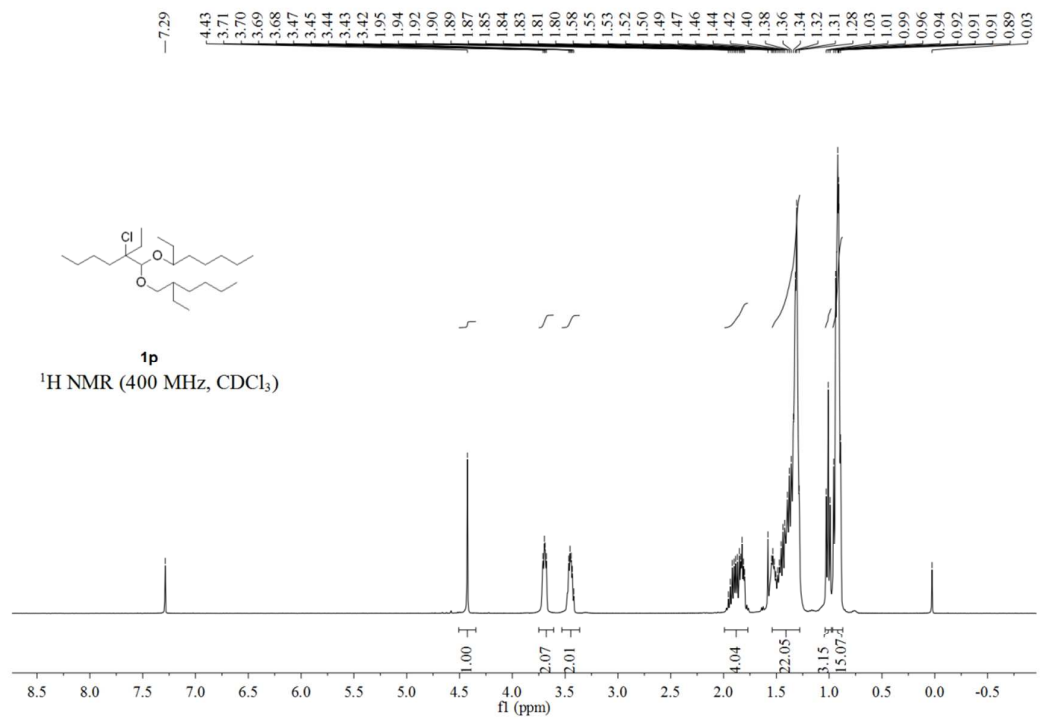


Figure S16. NMR spectra of **1p**

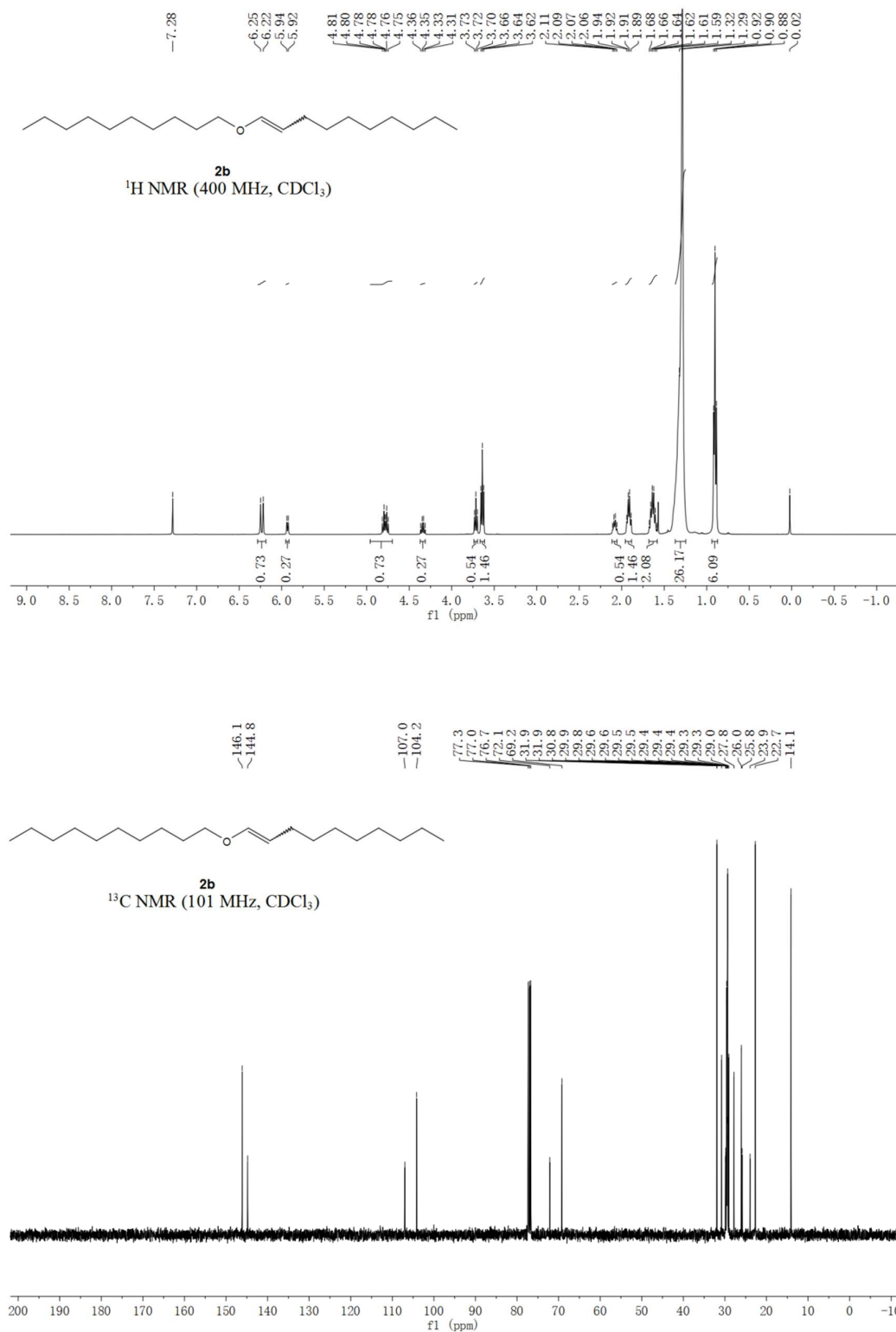


Figure S18. NMR spectra of **2b**

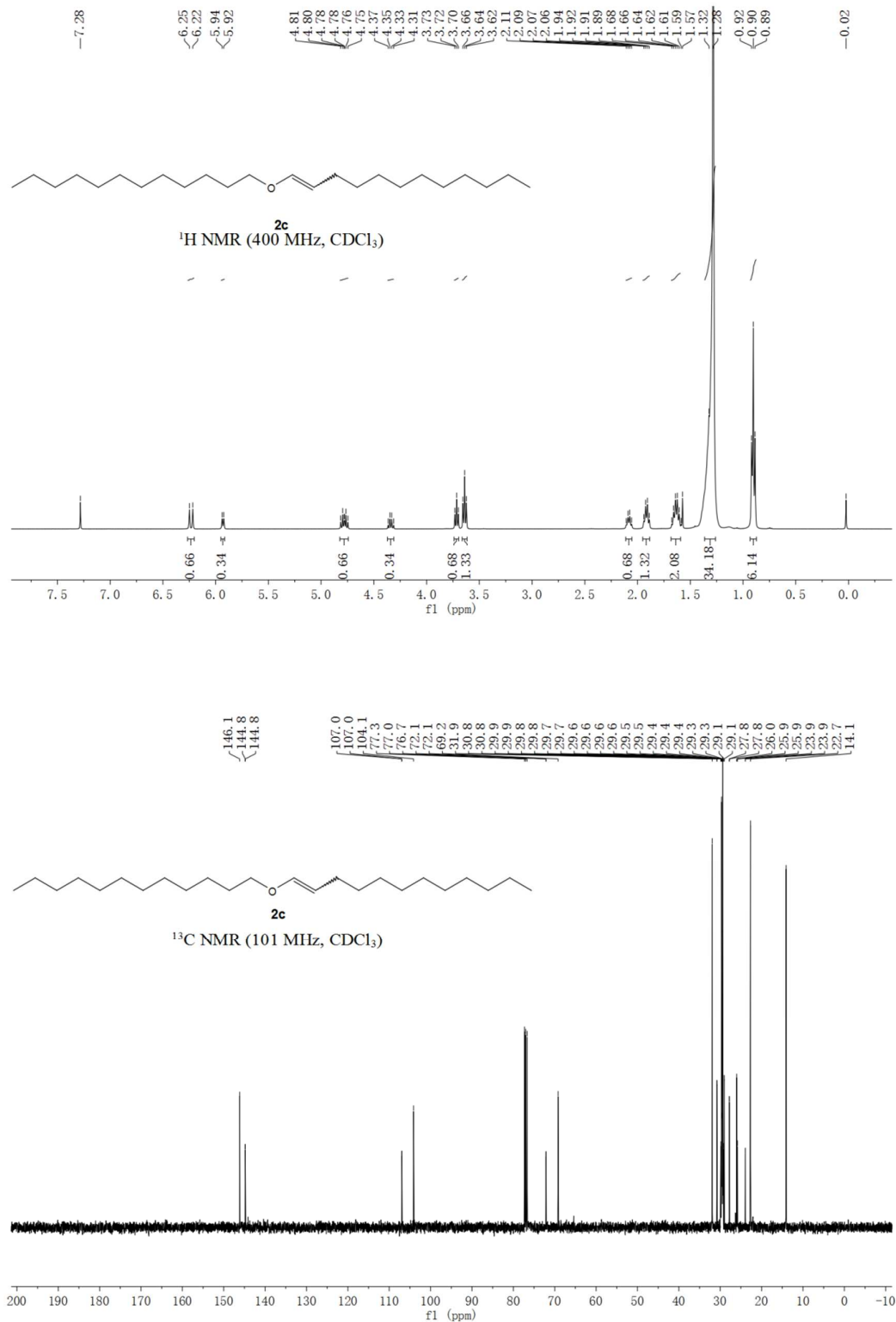


Figure S19. NMR spectra of **2c**

