

1. ^1H and ^{13}C NMR spectra

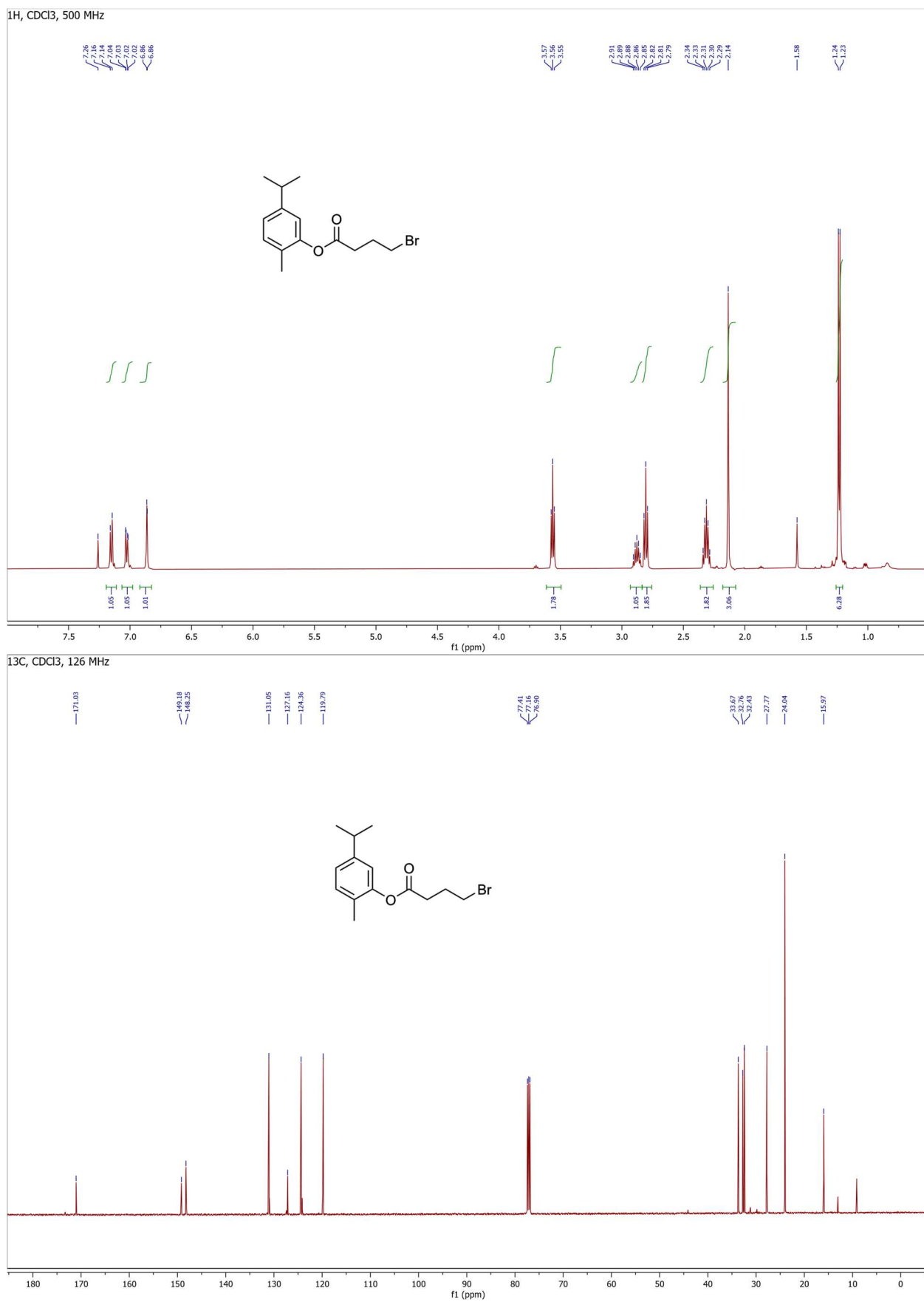


Figure S1. ^1H and ^{13}C NMR spectra of CAR-4 (1).

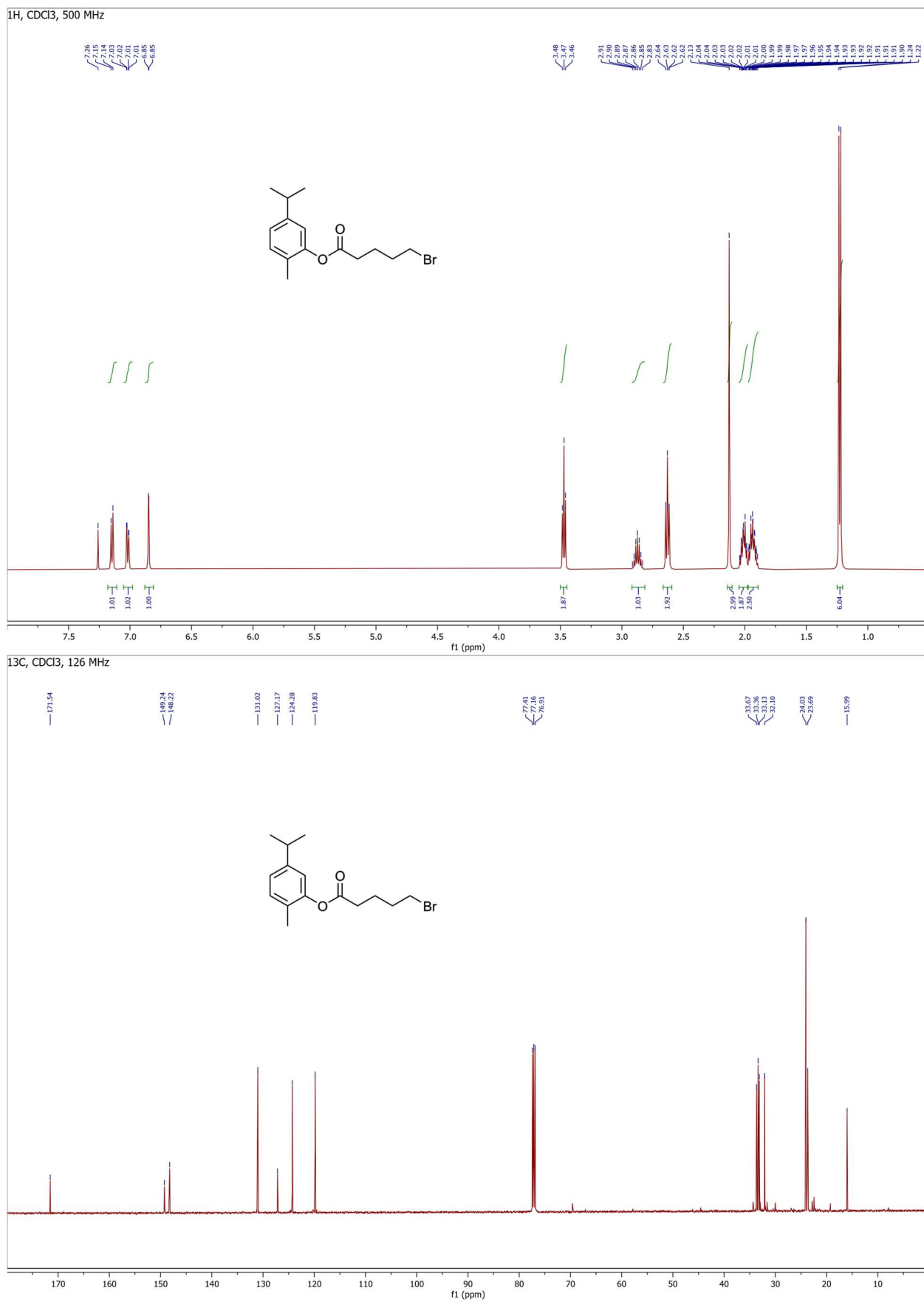


Figure S2. ¹H and ¹³C NMR spectra of CAR-5 (2).

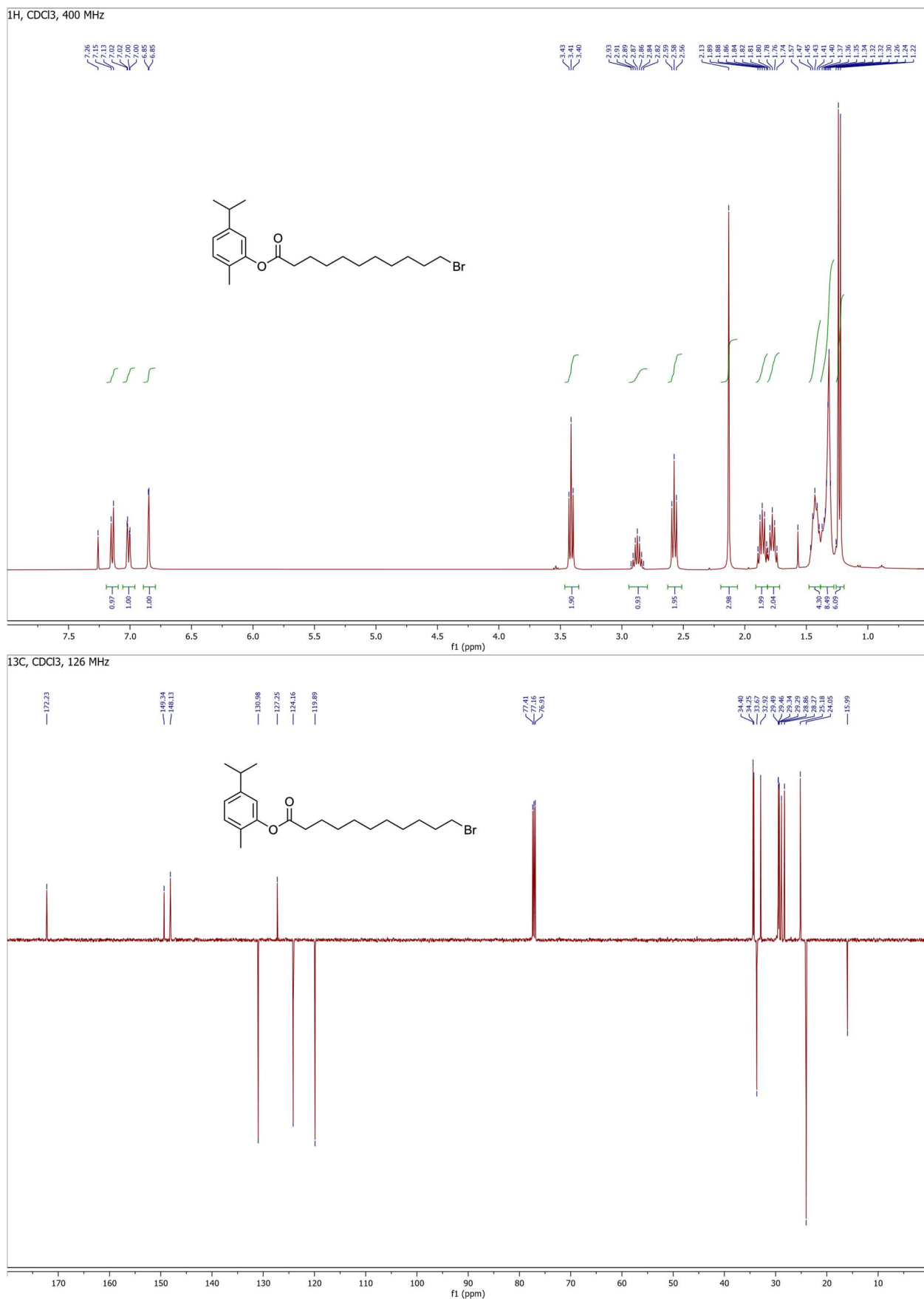


Figure S3. ¹H and ¹³C NMR spectra of CAR-11 (4).

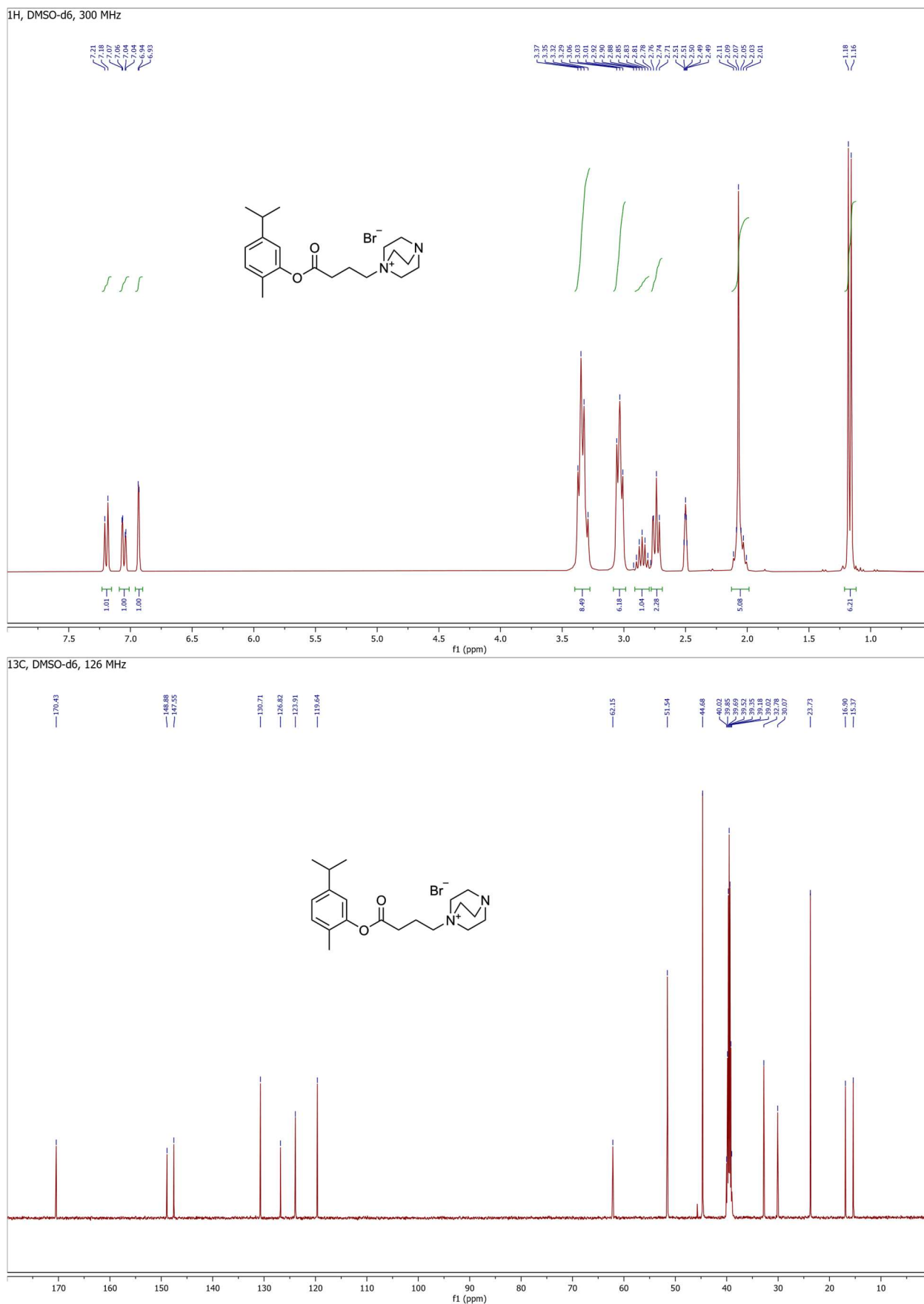


Figure S4. ¹H and ¹³C NMR spectra of DCAR-4 (5).

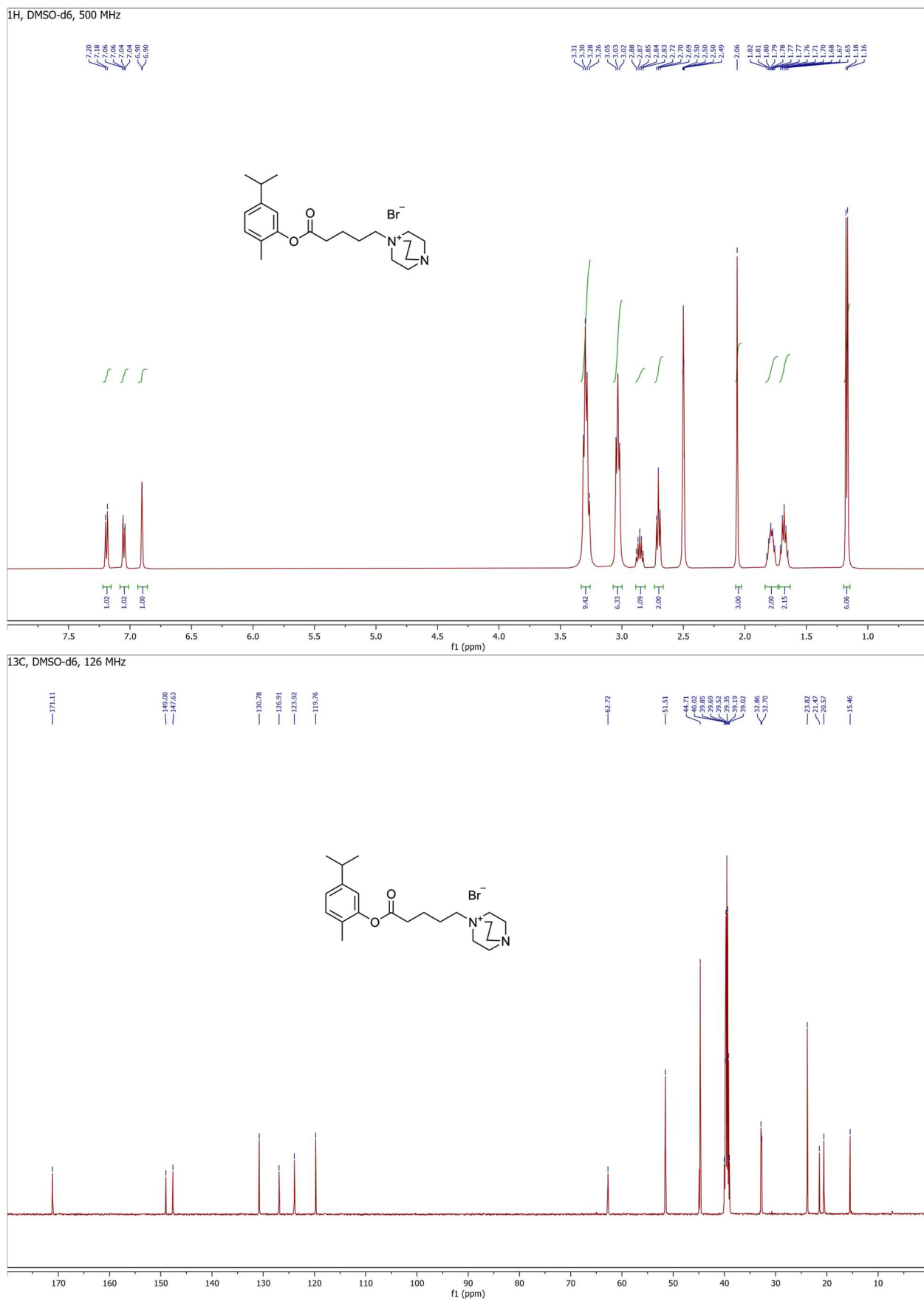


Figure S5. ¹H and ¹³C NMR spectra of DCAR-5 (6).

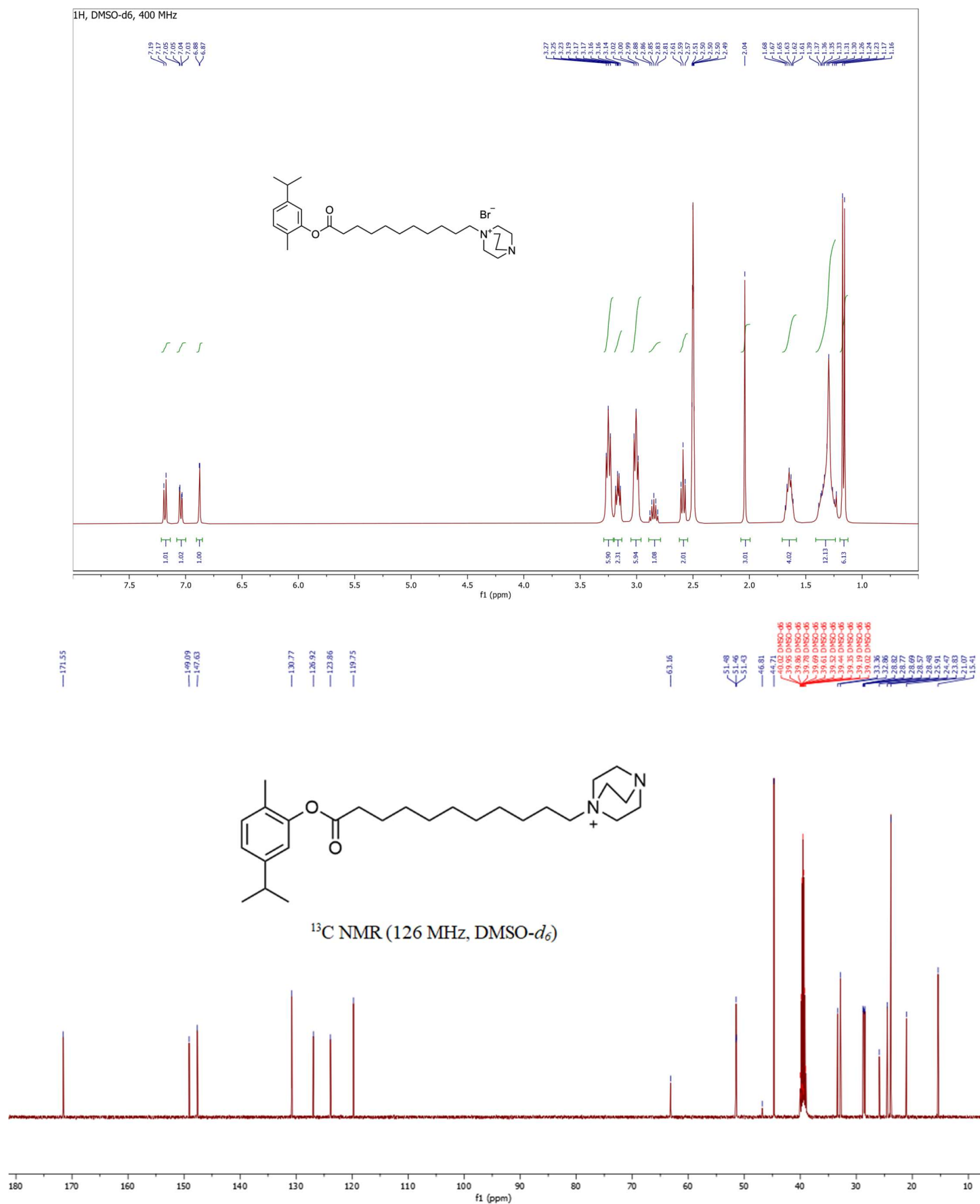


Figure S6. ¹H and ¹³C NMR spectra of DCAR-11 (8).

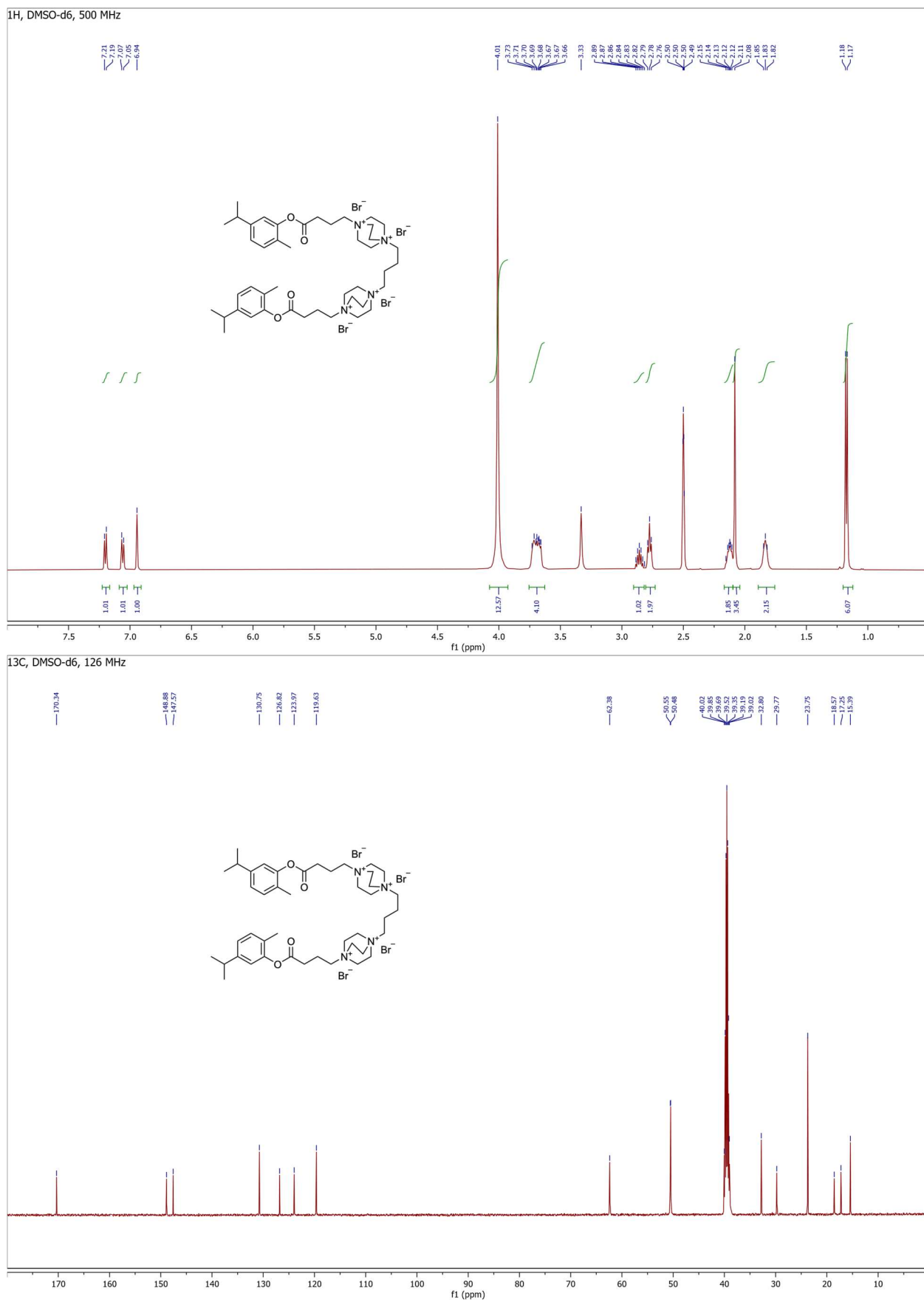


Figure S7. ¹H and ¹³C NMR spectra of DL4CAR-4 (9).

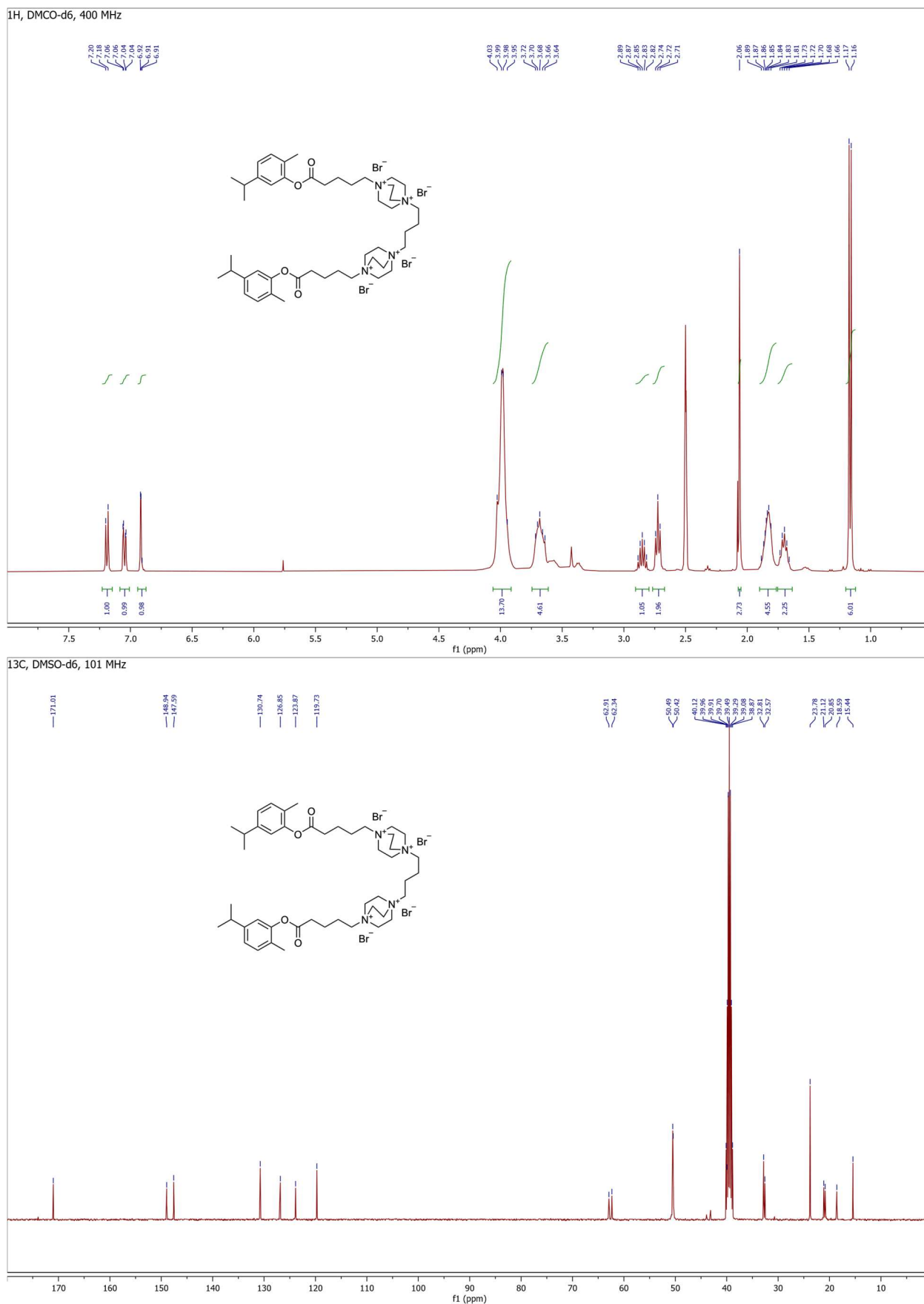


Figure S8. ¹H and ¹³C NMR spectra of DL4CAR-5 (10).

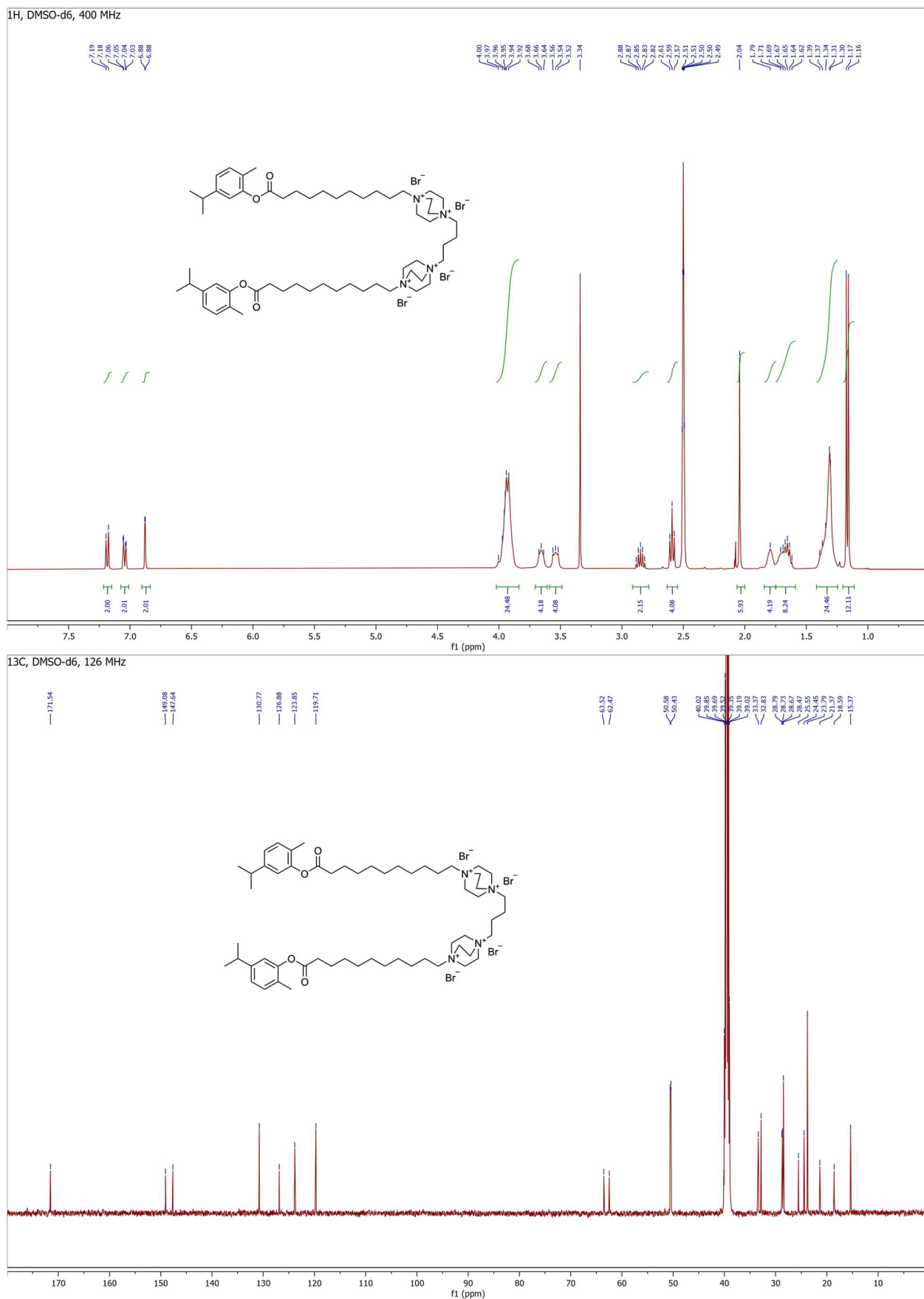


Figure S9. ¹H and ¹³C NMR spectra of DL4CAR-11 (12).

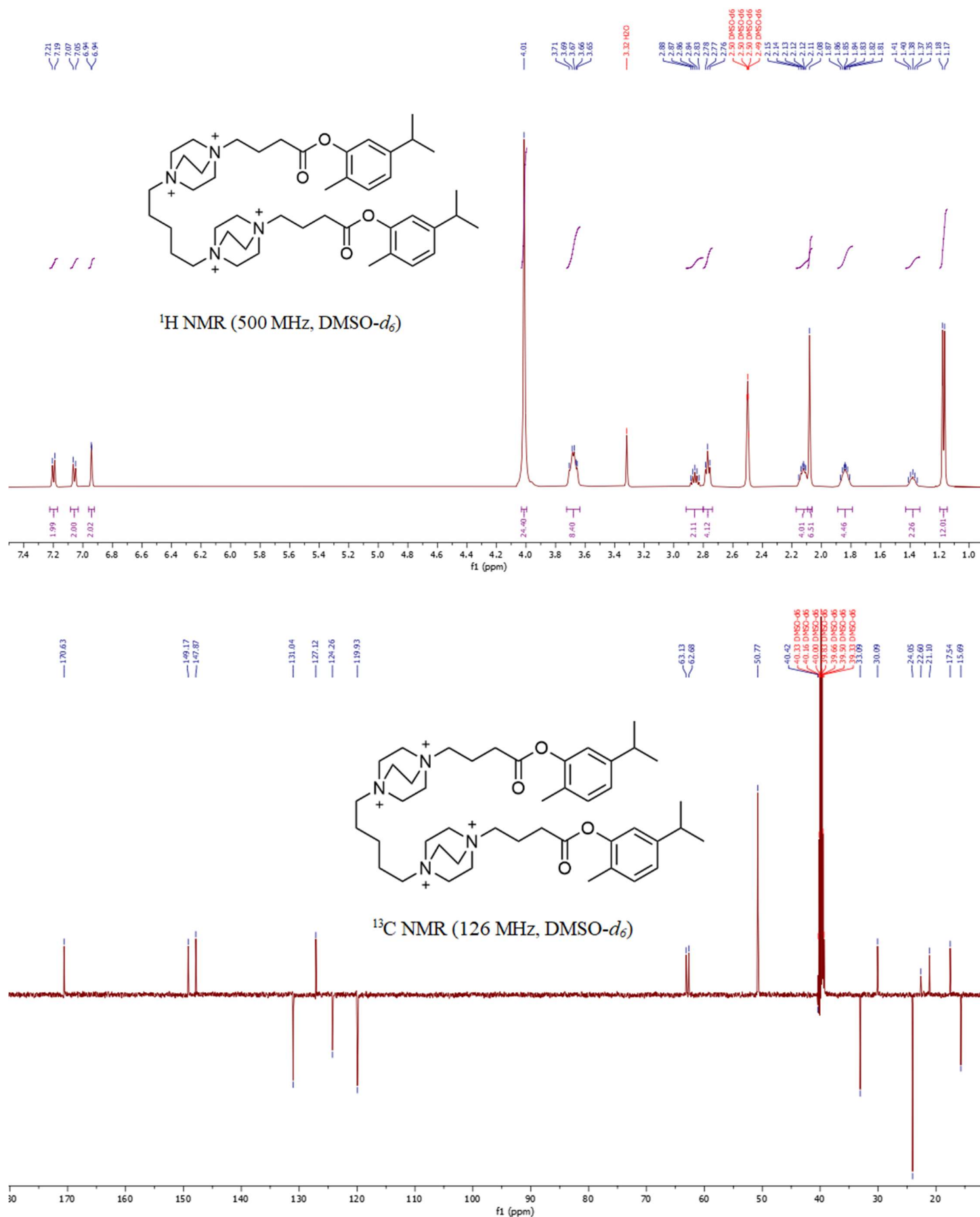


Figure S10. ¹H and ¹³C NMR spectra of DL5CAR-4 (13).

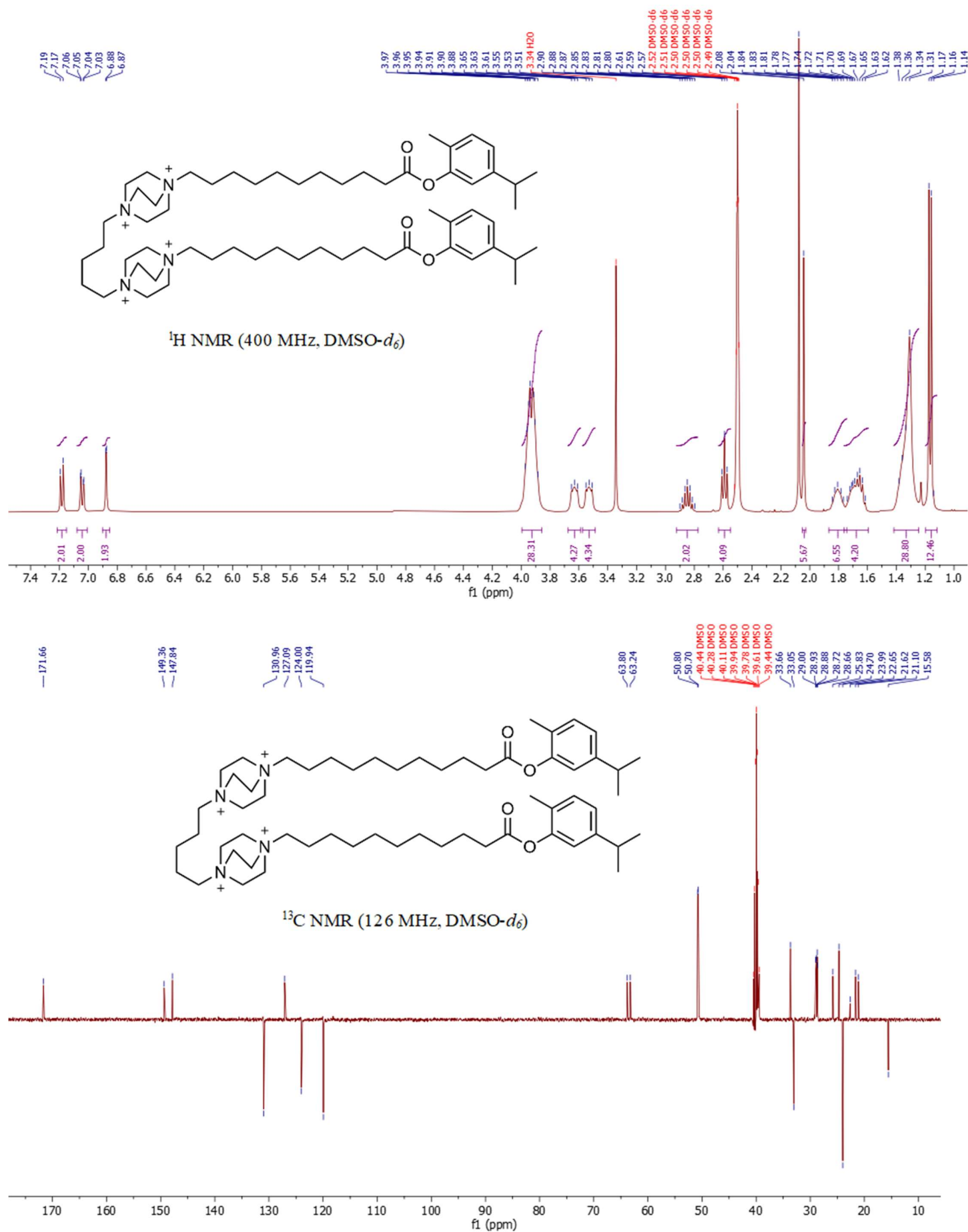


Figure S12. ¹H and ¹³C NMR spectra of DL5CAR-11 (16).

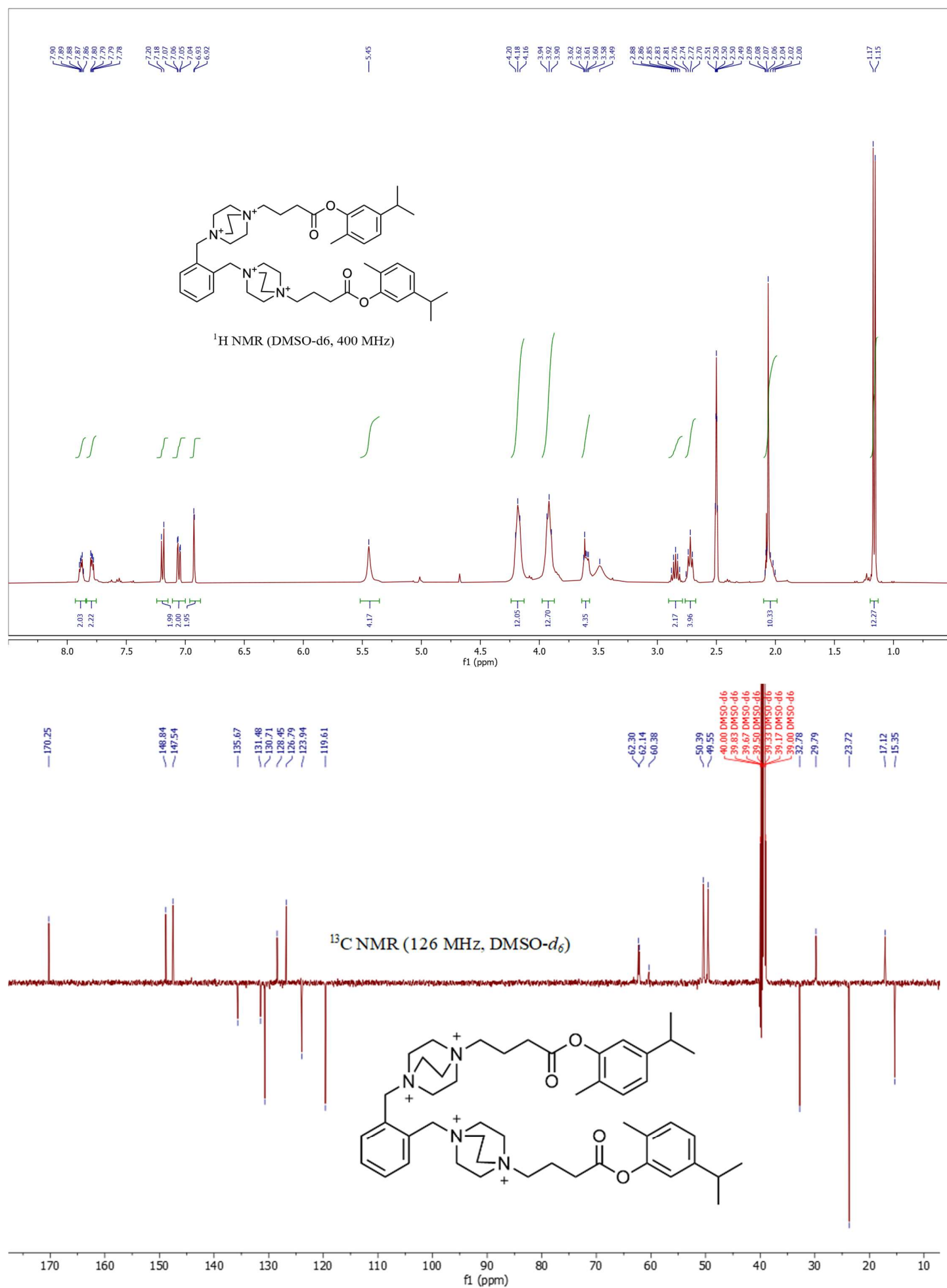


Figure S13. ¹H and ¹³C NMR spectra of DLoCAR-4 (17).

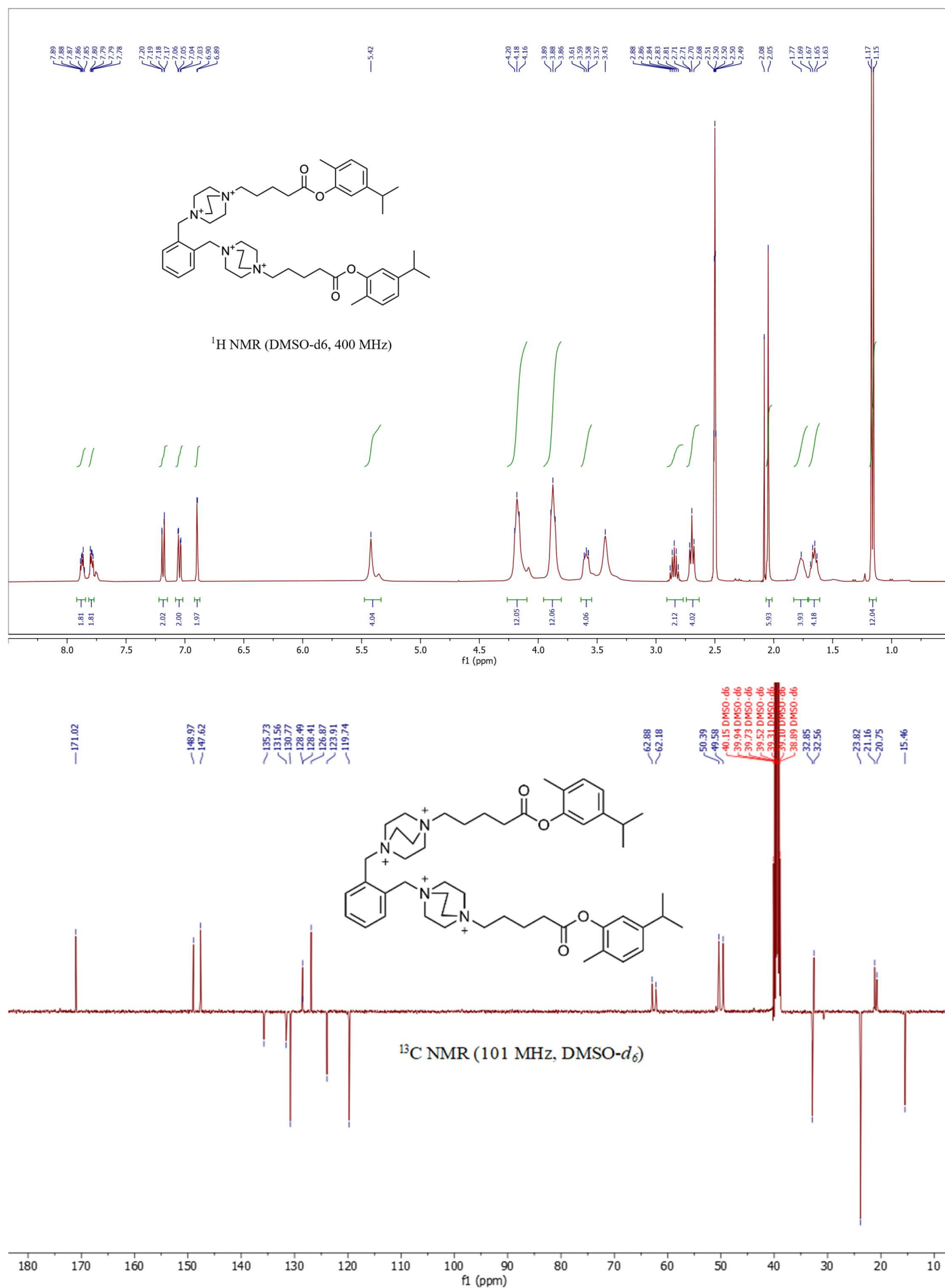


Figure S14. ¹H and ¹³C NMR spectra of DLoCAR-5 (18).

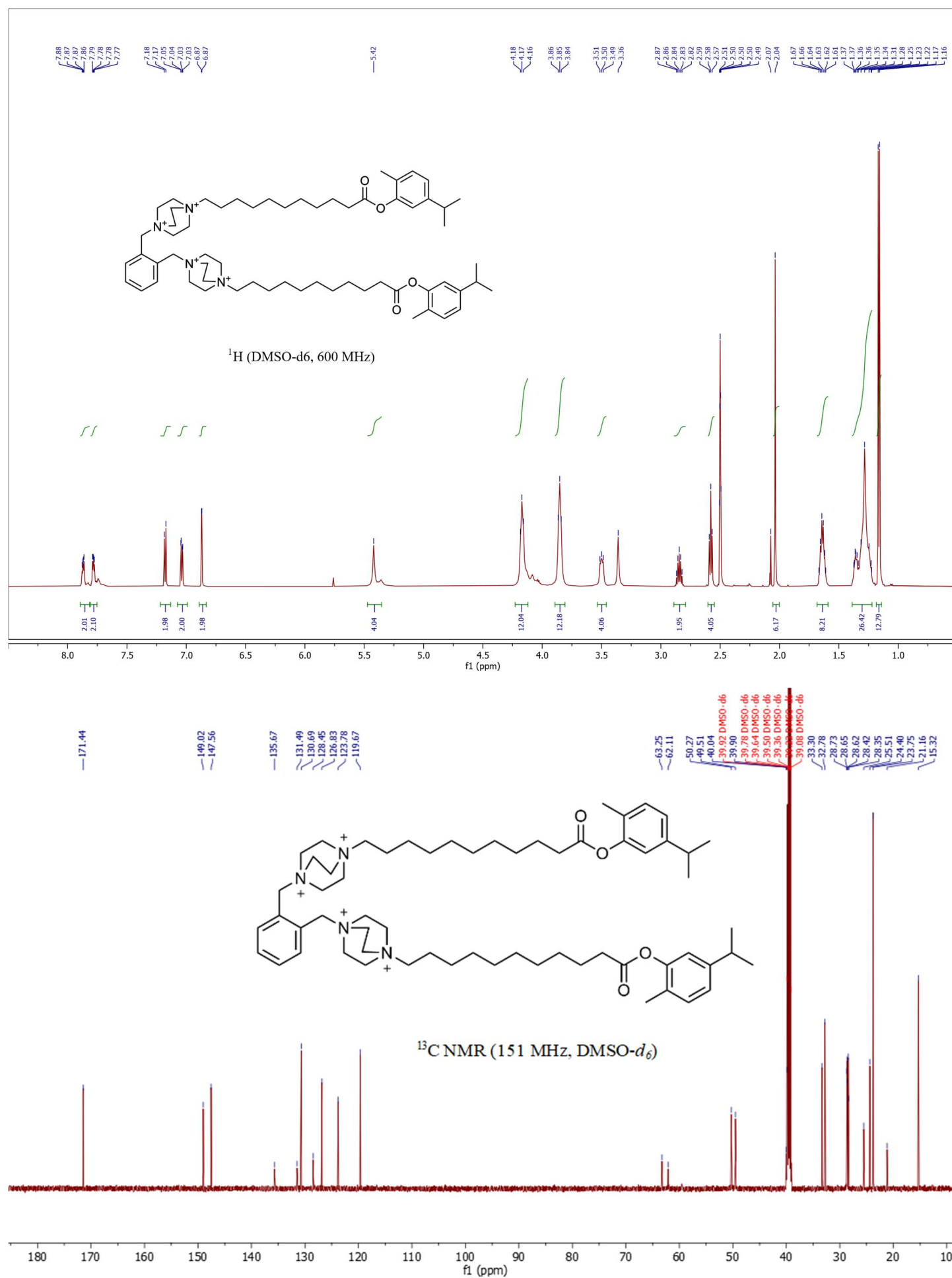


Figure S15. ¹H and ¹³C NMR spectra of DLoCAR-11 (20).

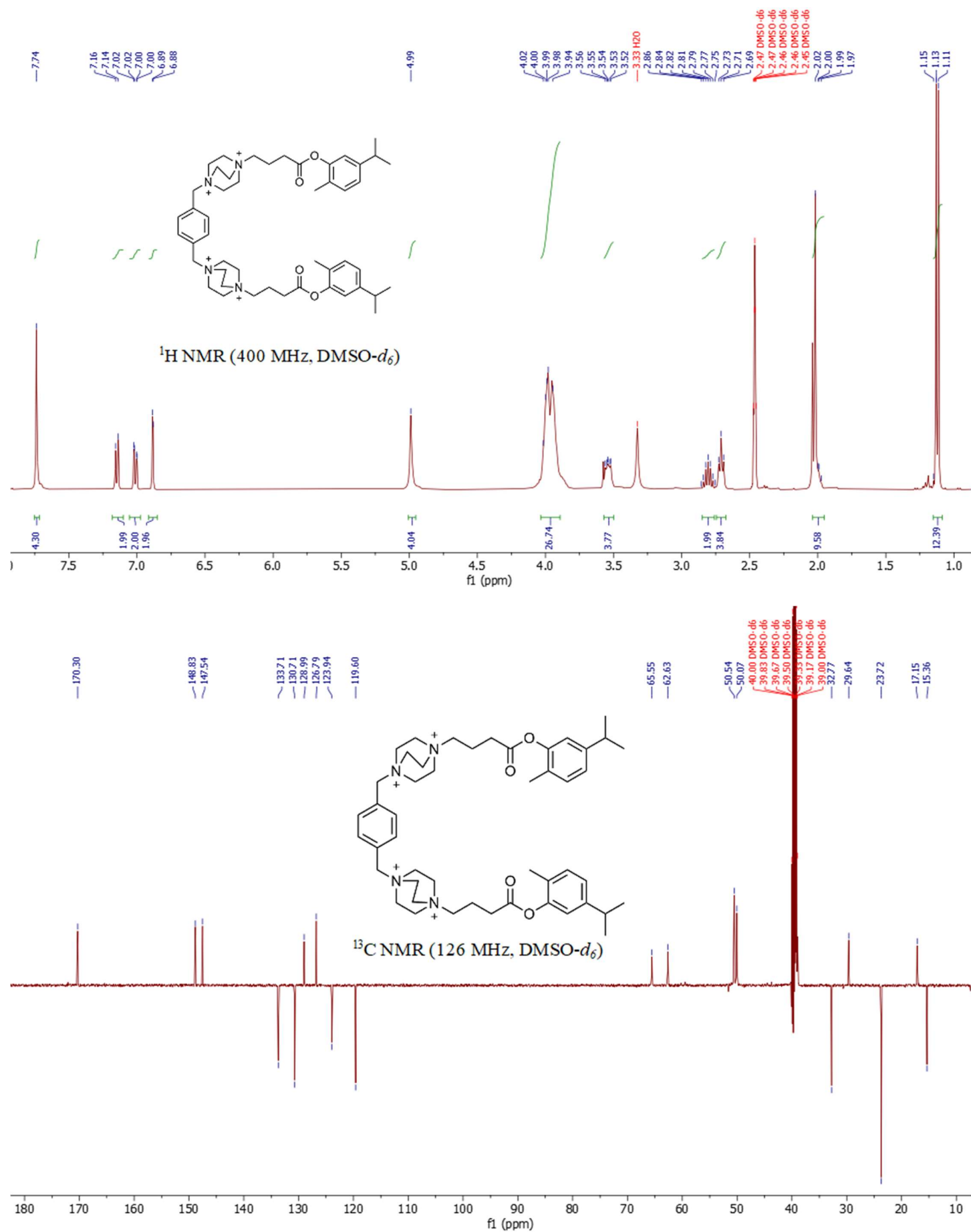


Figure S16. ¹H and ¹³C NMR spectra of DLpCAR-4 (21).

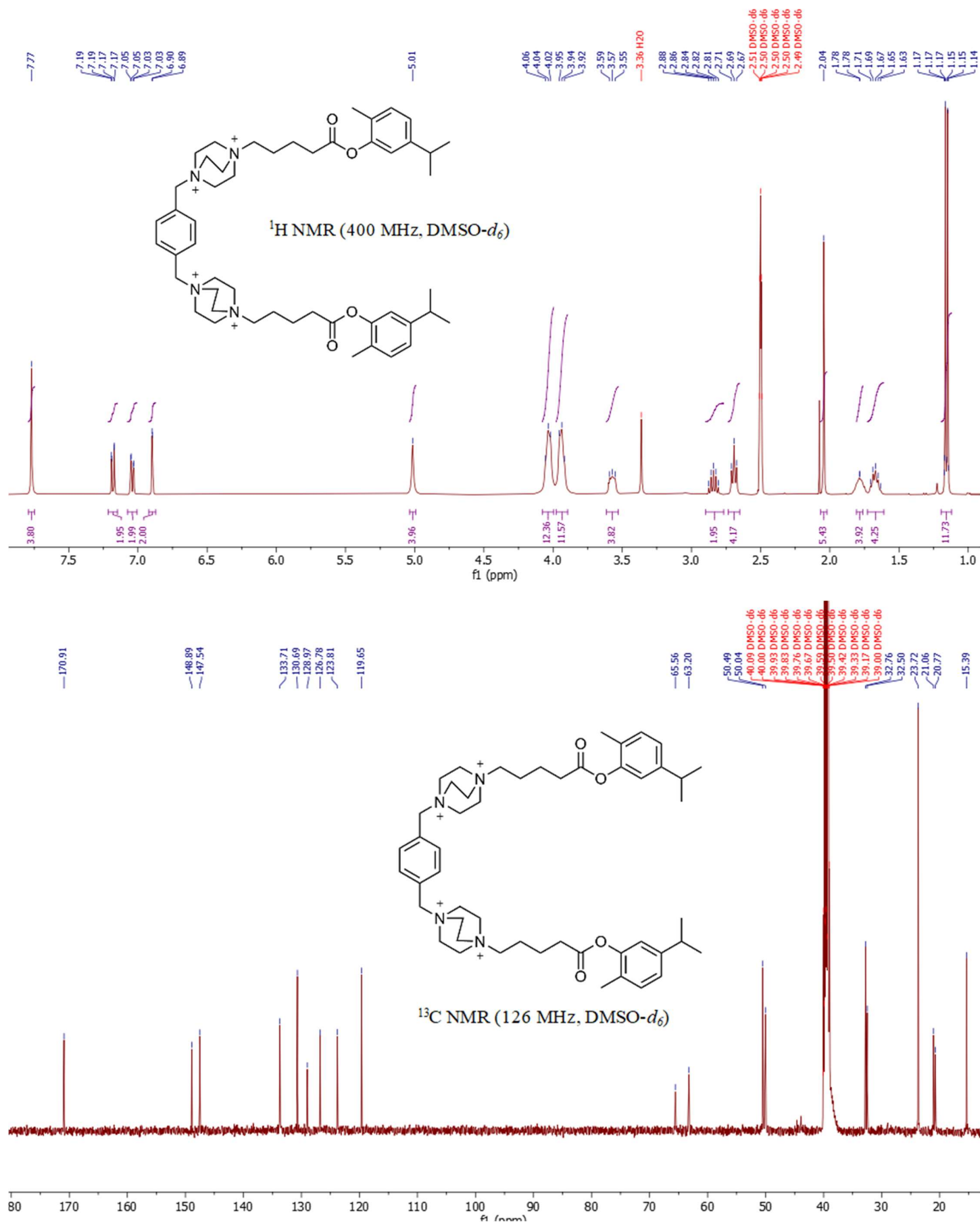


Figure S17. ¹H and ¹³C NMR spectra of DLpCAR-5 (22).

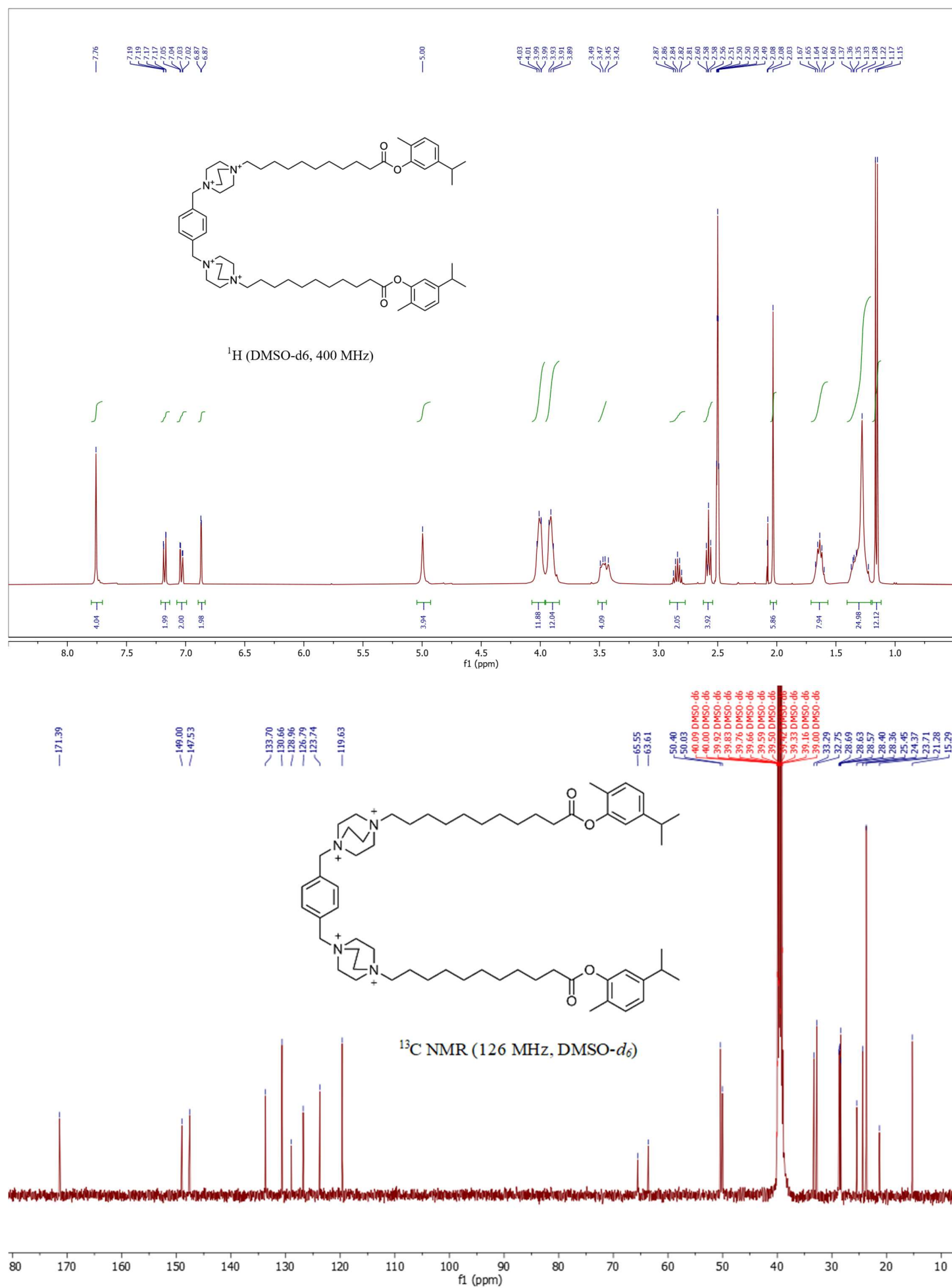


Figure S18. ¹H and ¹³C NMR spectra of DLpCAR-11 (24).

2. MS spectra

Name	Formula (M)	Ion Formula	Found m/z	Expected m/z
(5) DCAR-4	C ₂₀ H ₃₁ BrN ₂ O ₂	[M – Br] ⁺	331.4	331.2

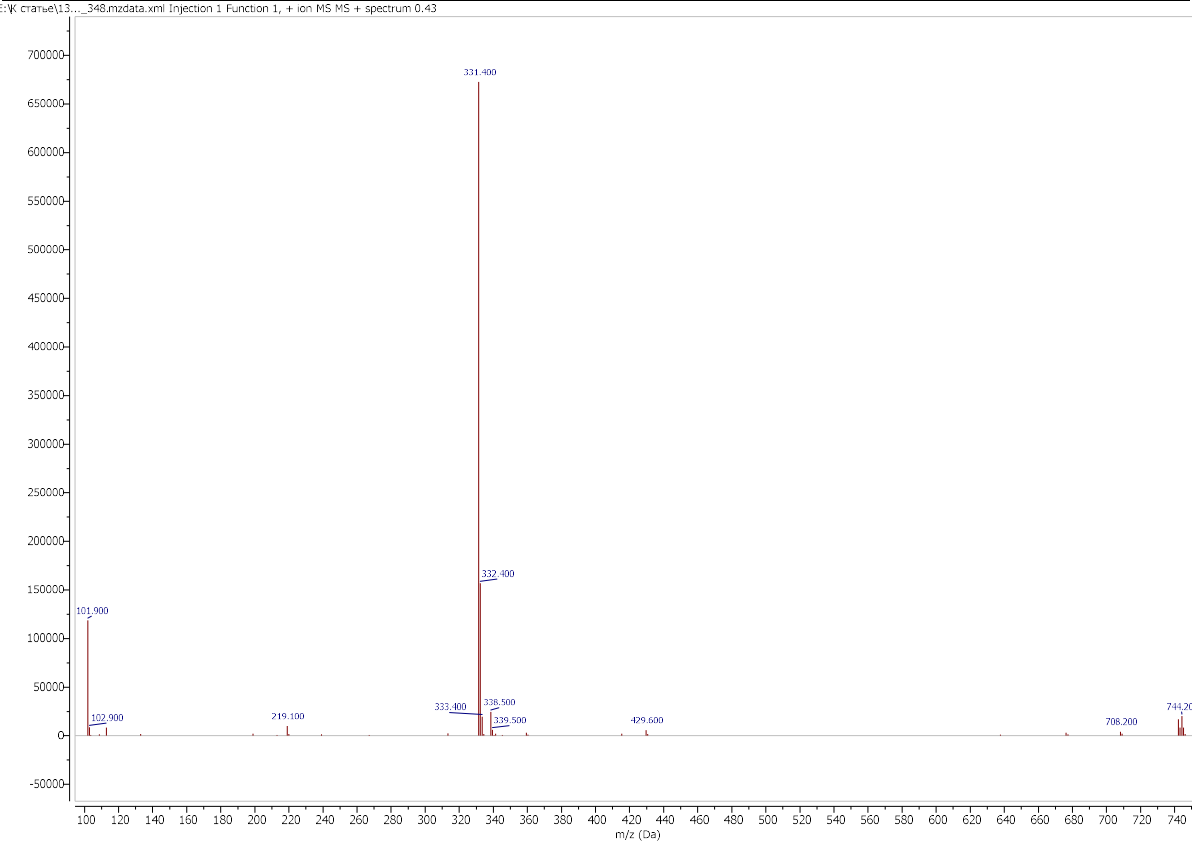


Figure S19. Mass spectrum of DCAR-4 (5).

Name	Formula (M)	Ion Formula	Found m/z	Expected m/z
(6) DCAR-5	C ₂₁ H ₃₃ BrN ₂ O ₂	[M – Br] ⁺	345.4	345.3

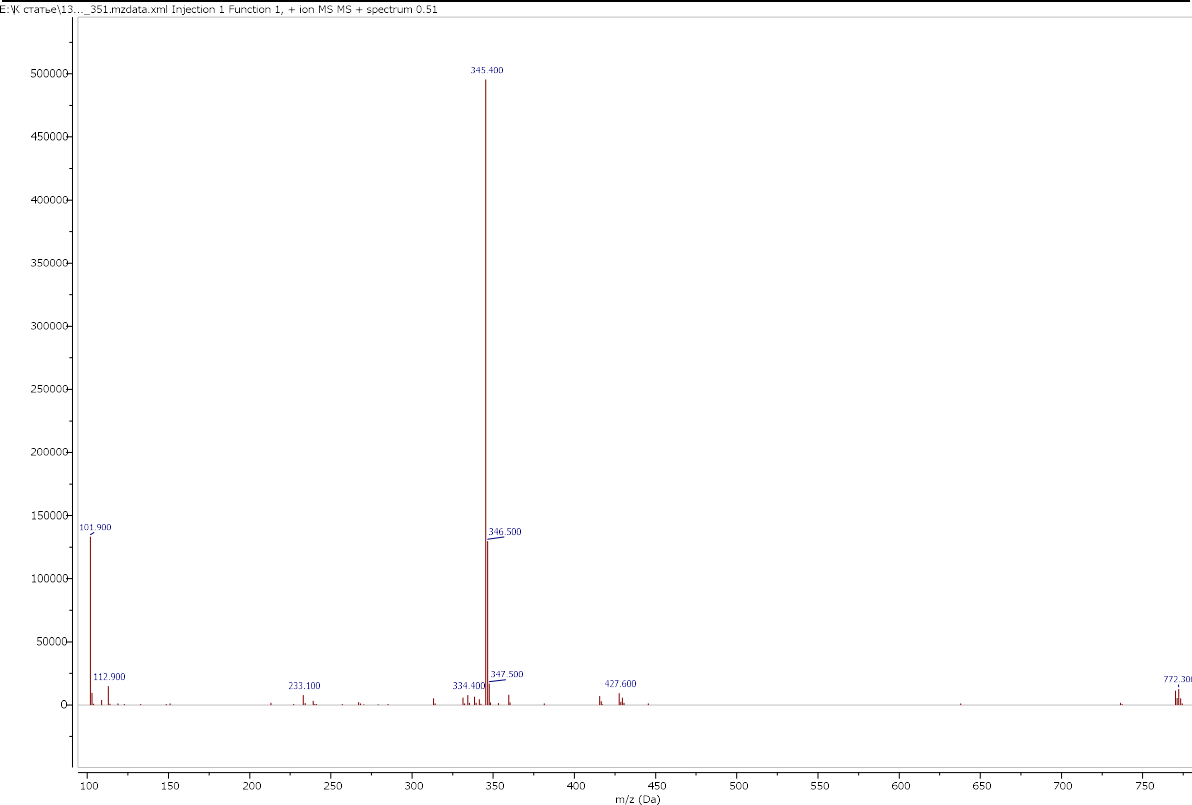


Figure S20. Mass spectrum of DCAR-5 (6).

Name	Formula (M)	Ion Formula	Found m/z	Expected m/z
(8) DCAR-11	C ₂₇ H ₄₅ BrN ₂ O ₂	[M – Br] ⁺	429.7	429.4

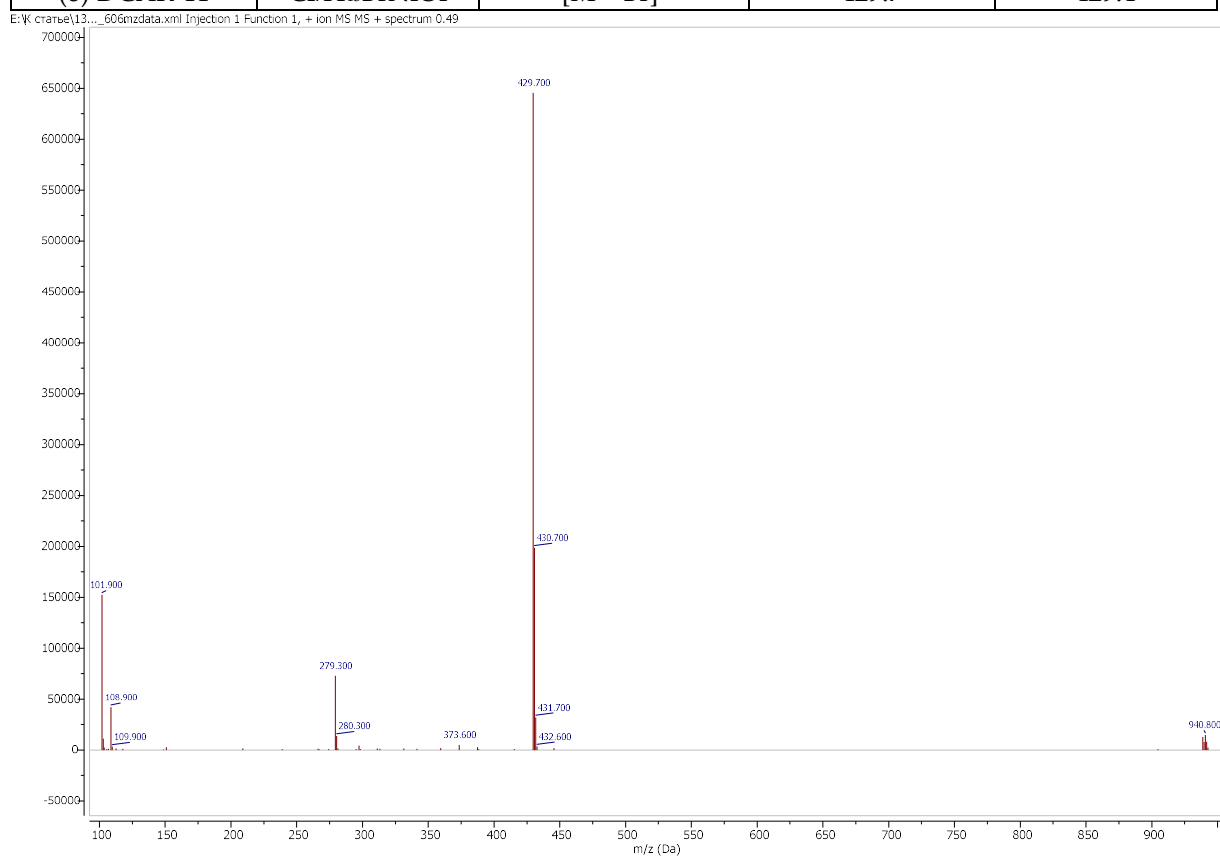


Figure S21. Mass spectrum of DCAR-11 (8).