

Supplementary Information

Molecularly imprinted ‘traps’ for sulfonylureas prepared using polymerisable ion pairs

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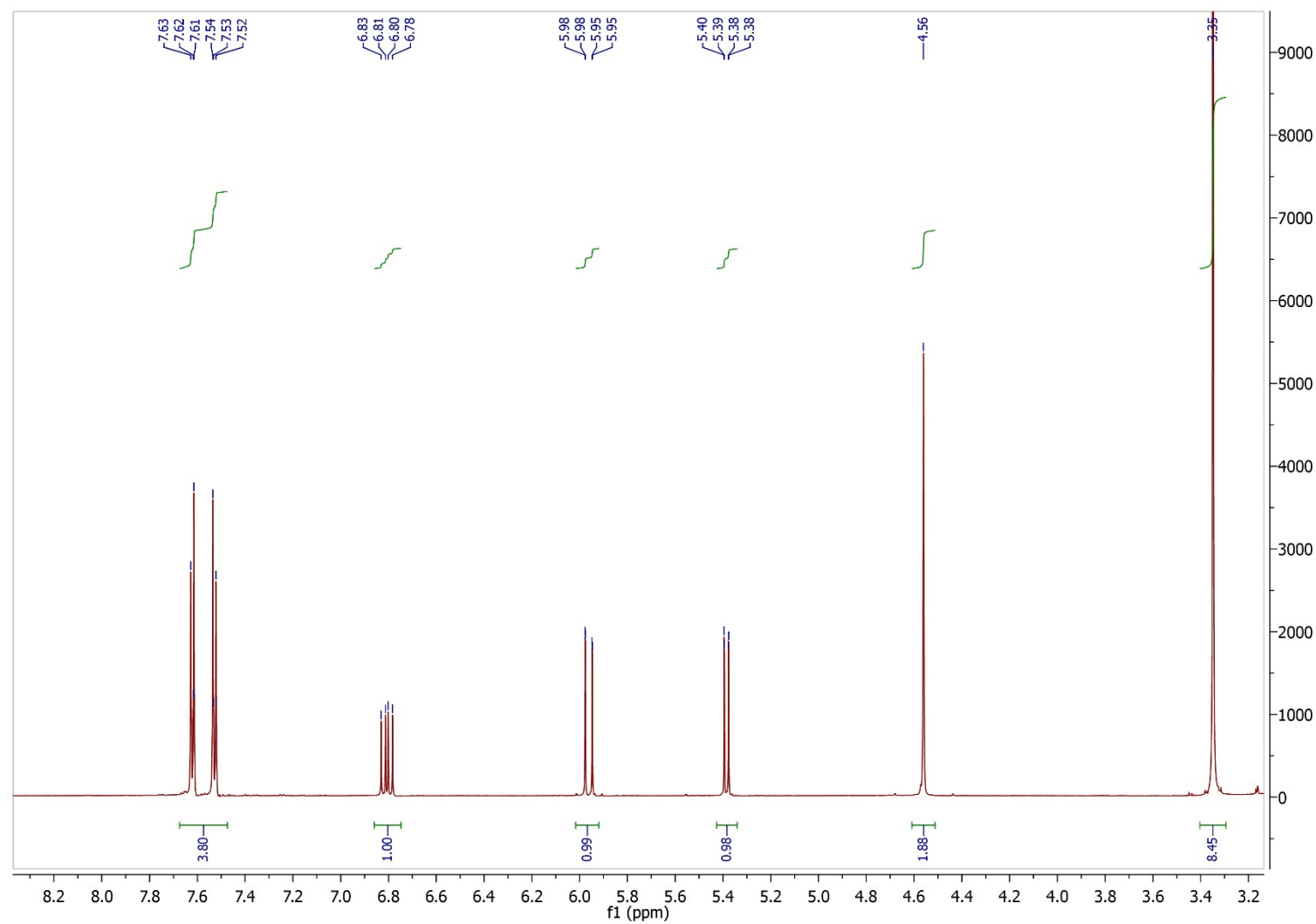


Figure S1. ^1H NMR spectrum of VBTAC (600MHz, DMSO).

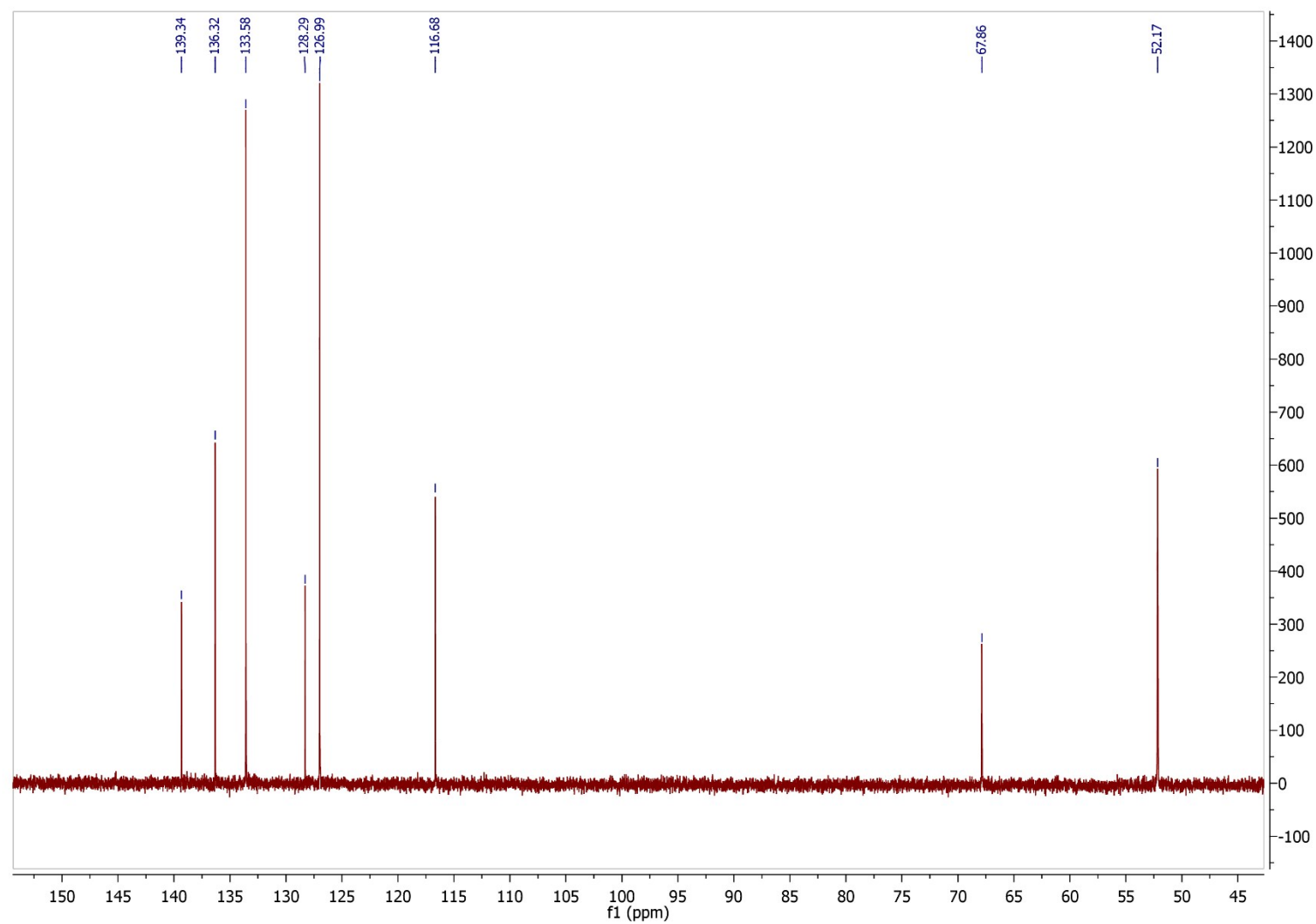


Figure S2. ^{13}C NMR spectrum of VBTAC (151MHz, DMSO).

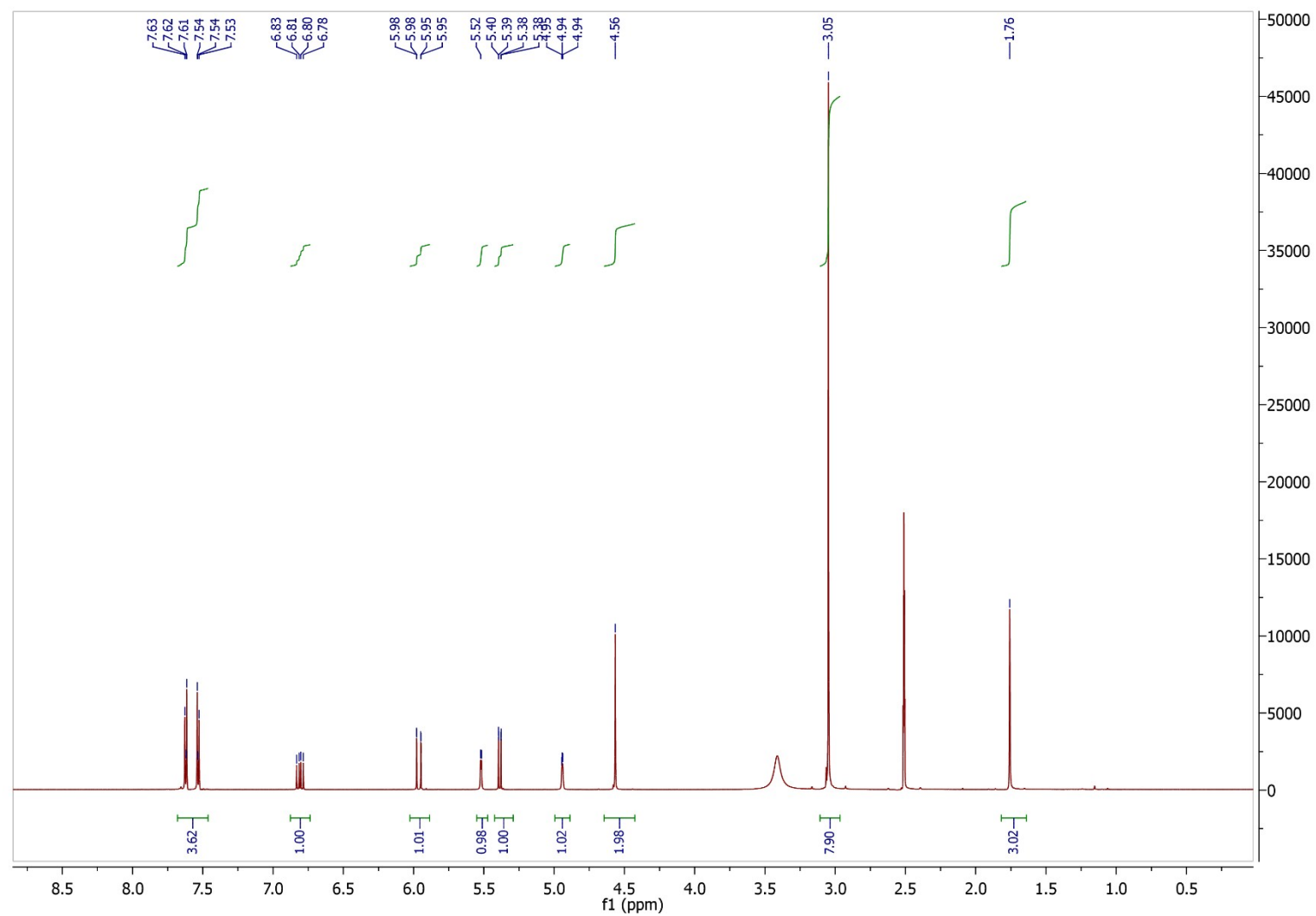


Figure S3. ^1H NMR spectrum of VBTMA (600MHz, DMSO).

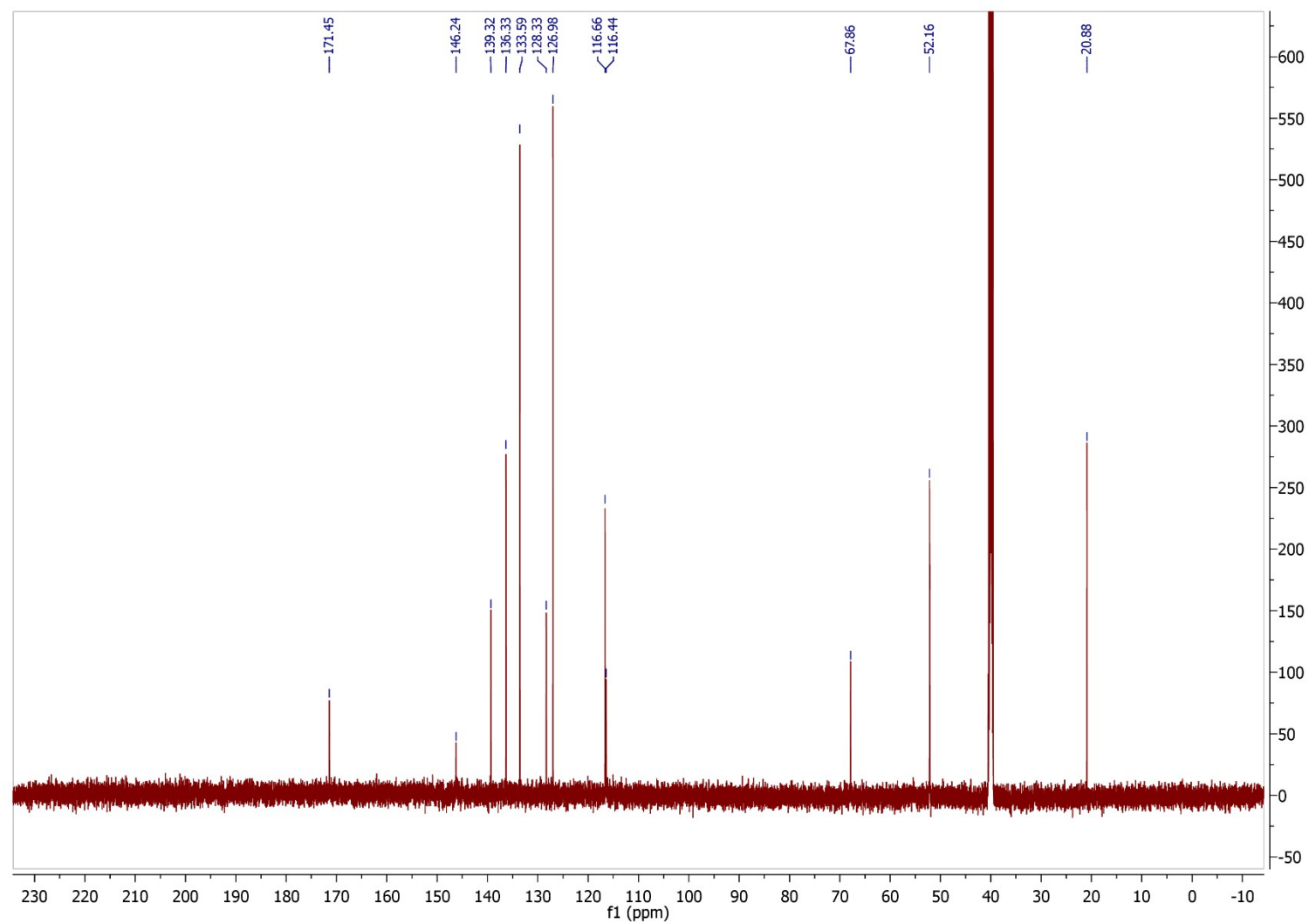


Figure S4. ¹³C NMR spectrum of VBTMA (151MHz, DMSO).

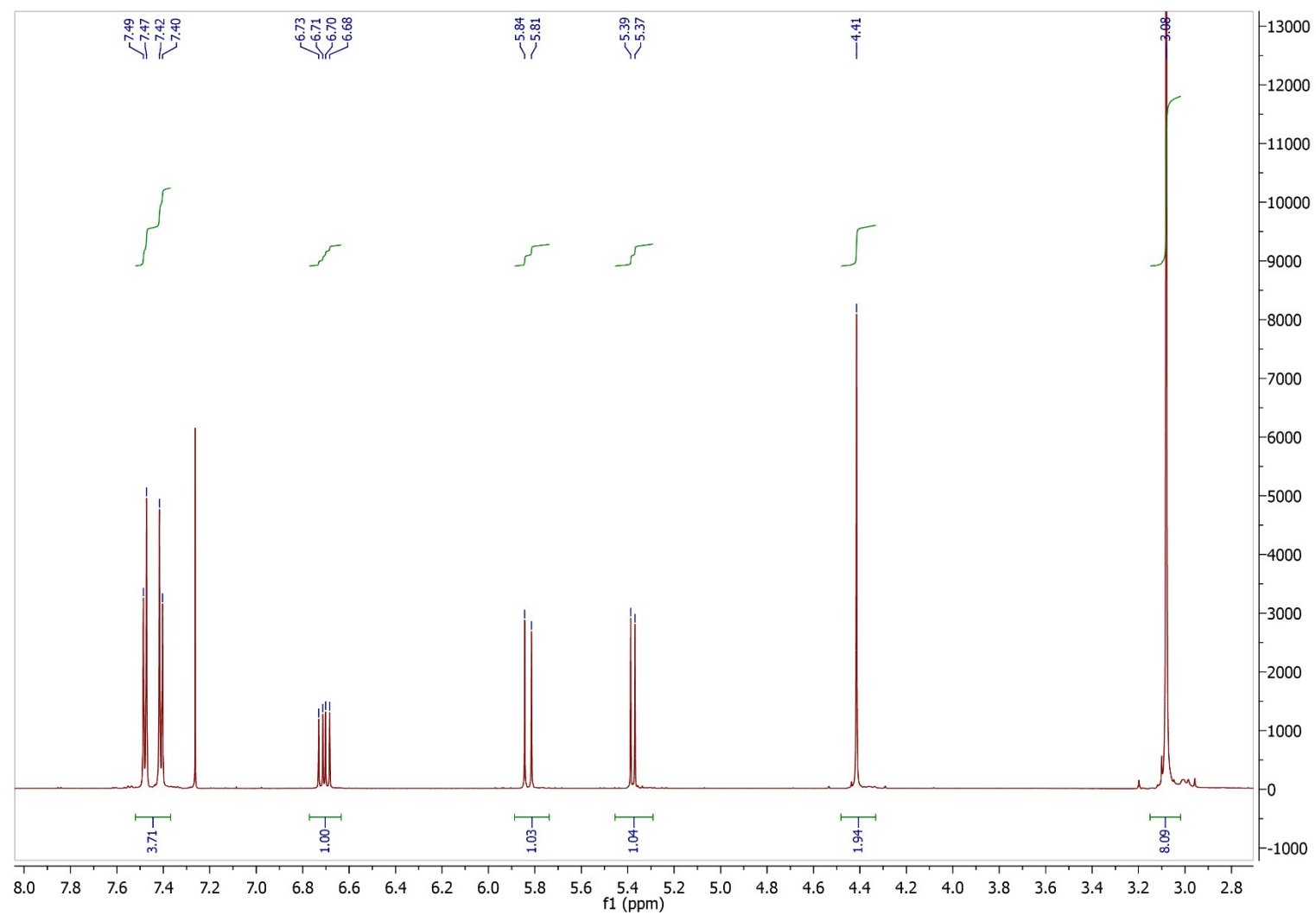


Figure S5. ¹H NMR spectrum of VBTANTf₂ (600 MHz, CDCl₃).

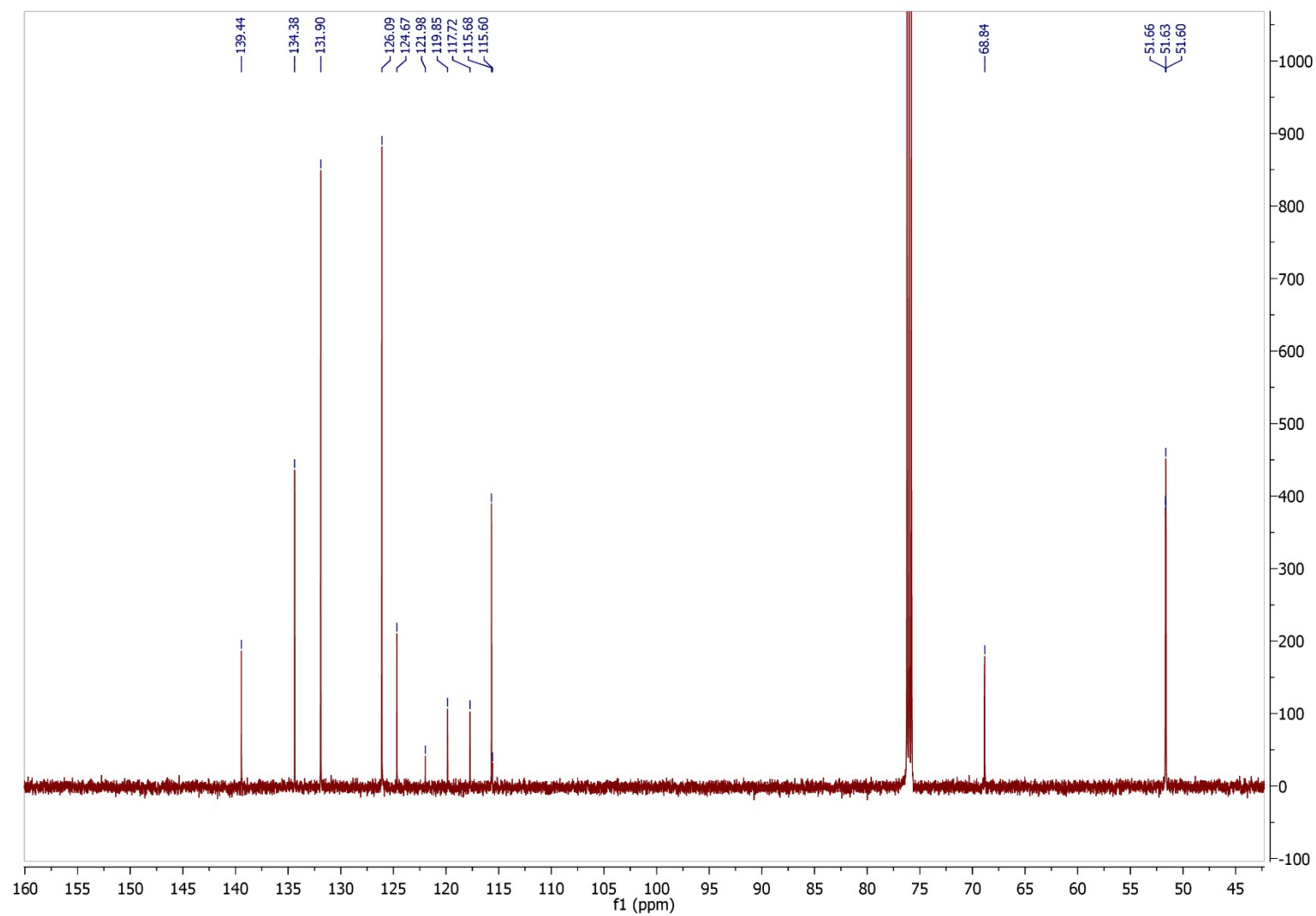


Figure S6. ¹³C NMR spectrum of VBTANTf₂ (151 MHz, CDCl₃).

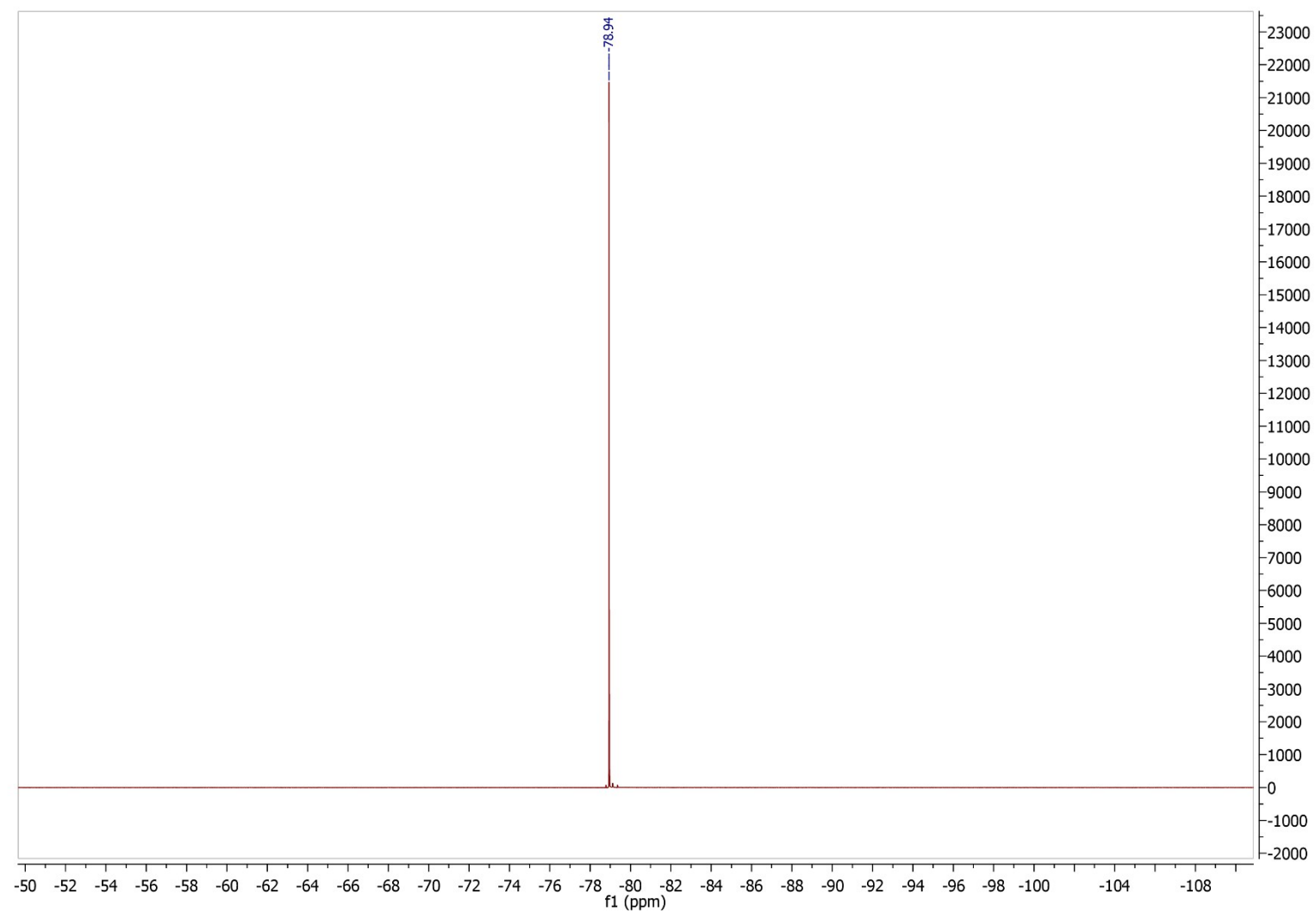


Figure S7. ^{19}F NMR spectrum of VBTANTf₂ (565MHz, CDCl₃).

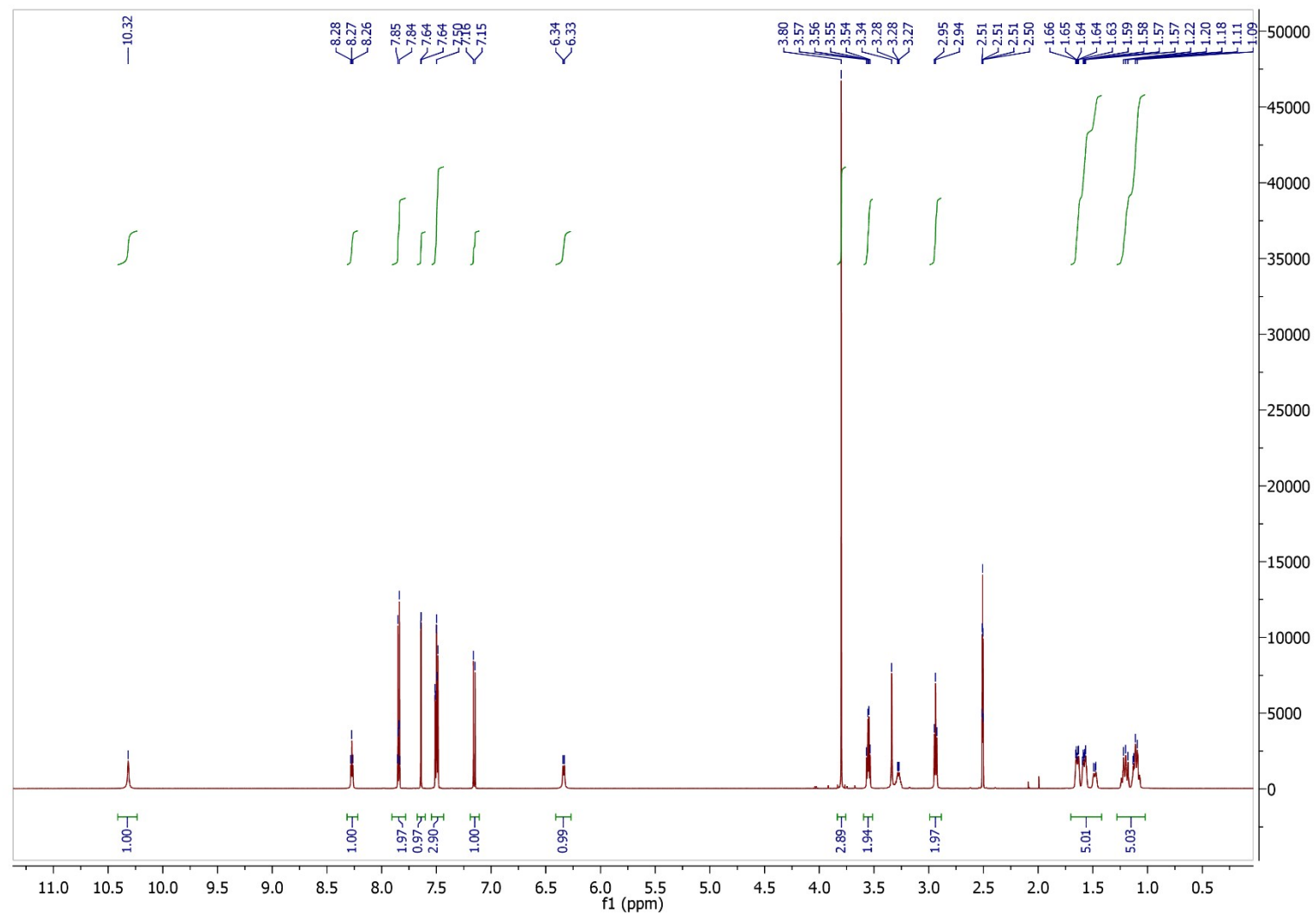


Figure S8. ¹H NMR spectrum of GLIB (600MHz, DMSO).

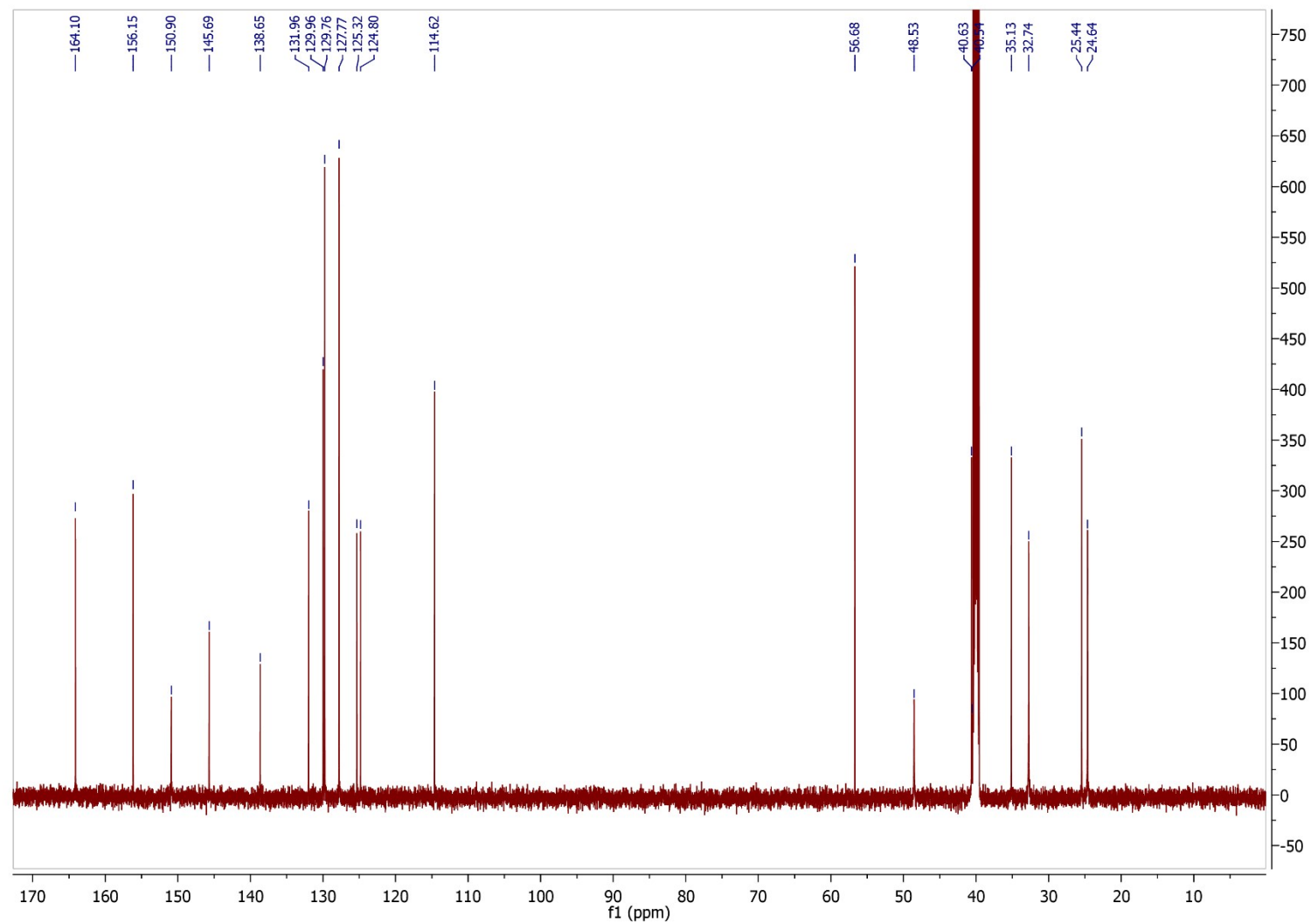


Figure S9. ¹³C NMR spectrum of GLIB (151MHz, DMSO).

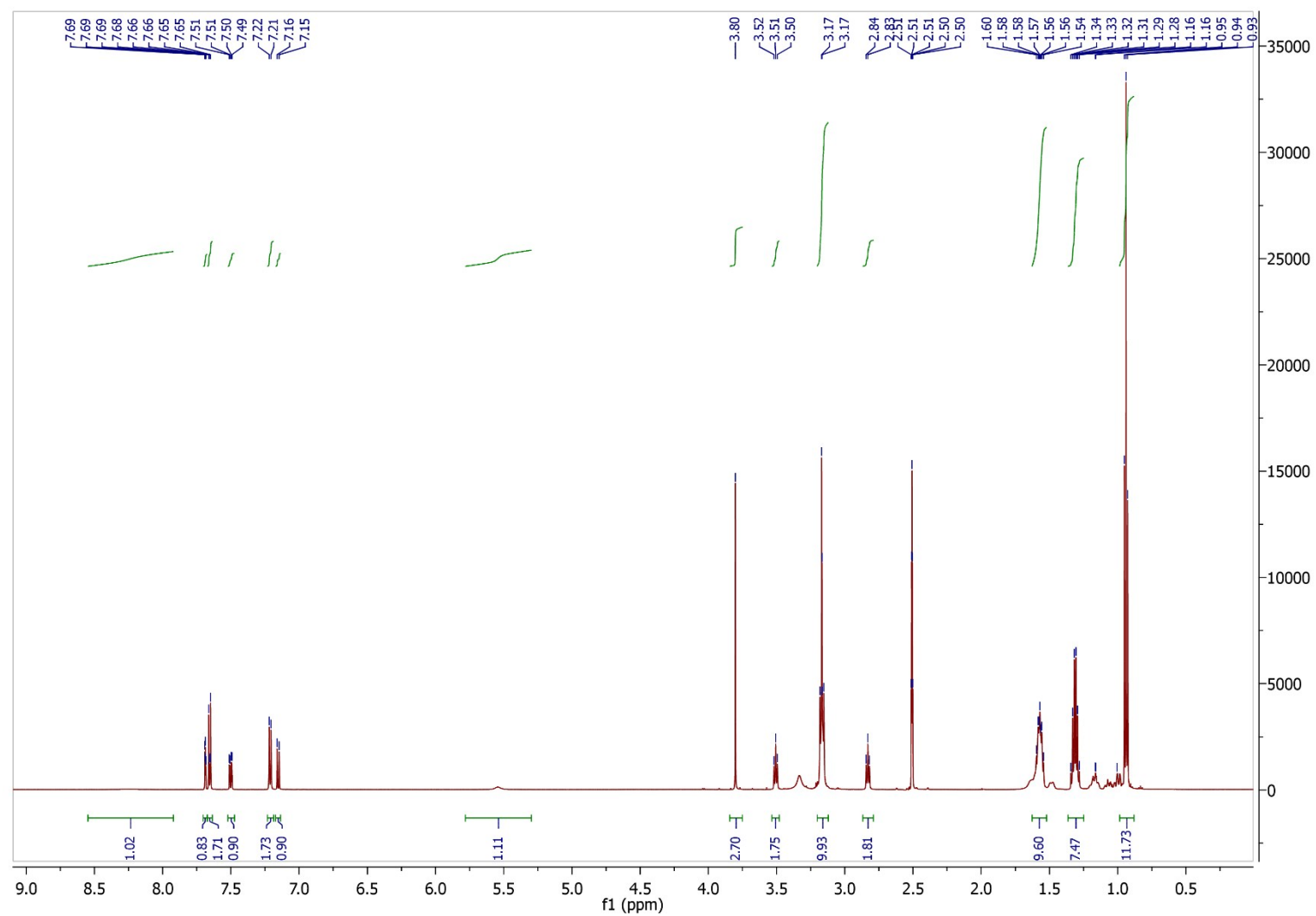


Figure S10. ^1H NMR spectrum of GLIB-TBA (600MHz, DMSO).

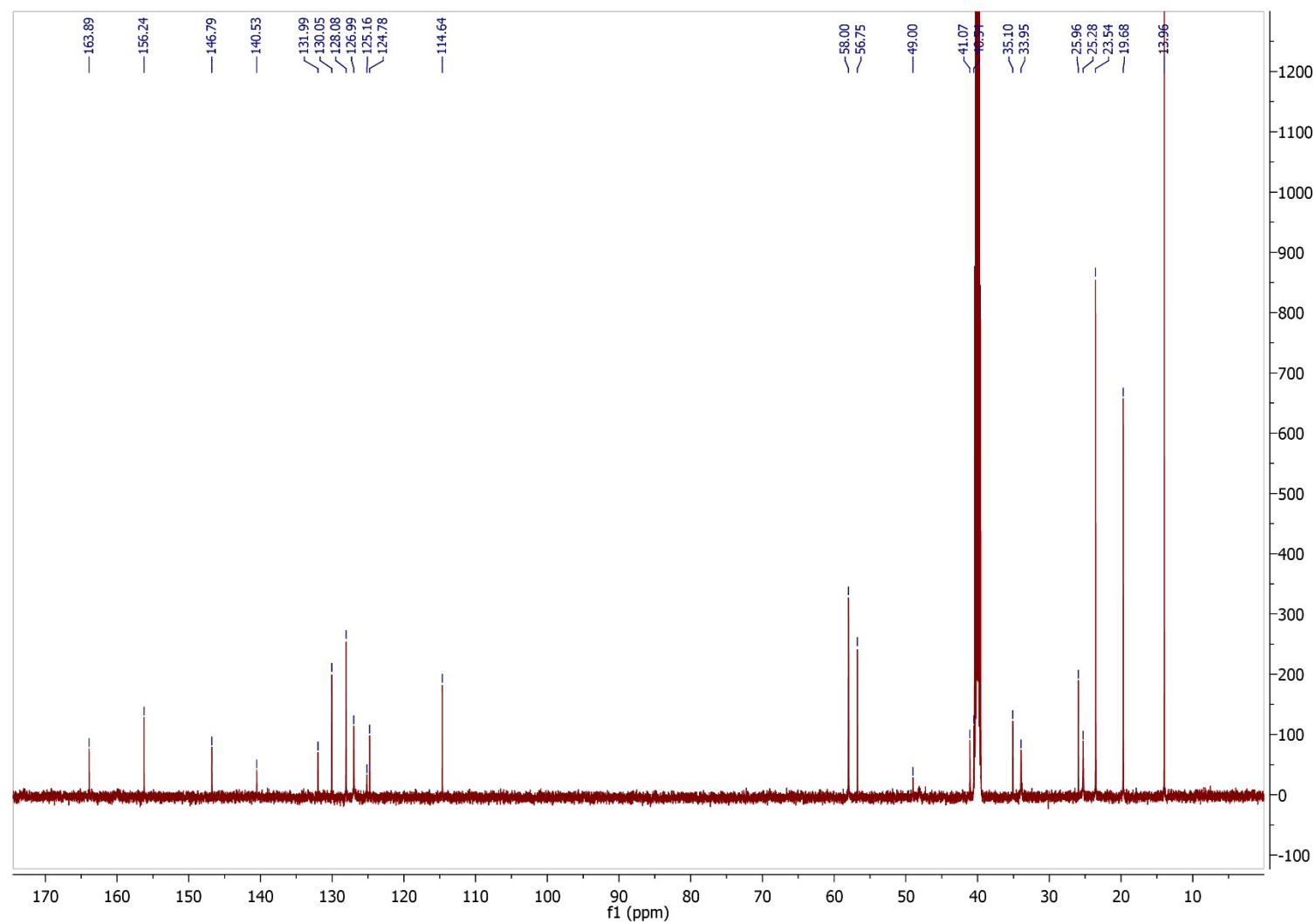


Figure S11. ¹³C NMR spectrum of GLIB-TBA (151MHz, DMSO).

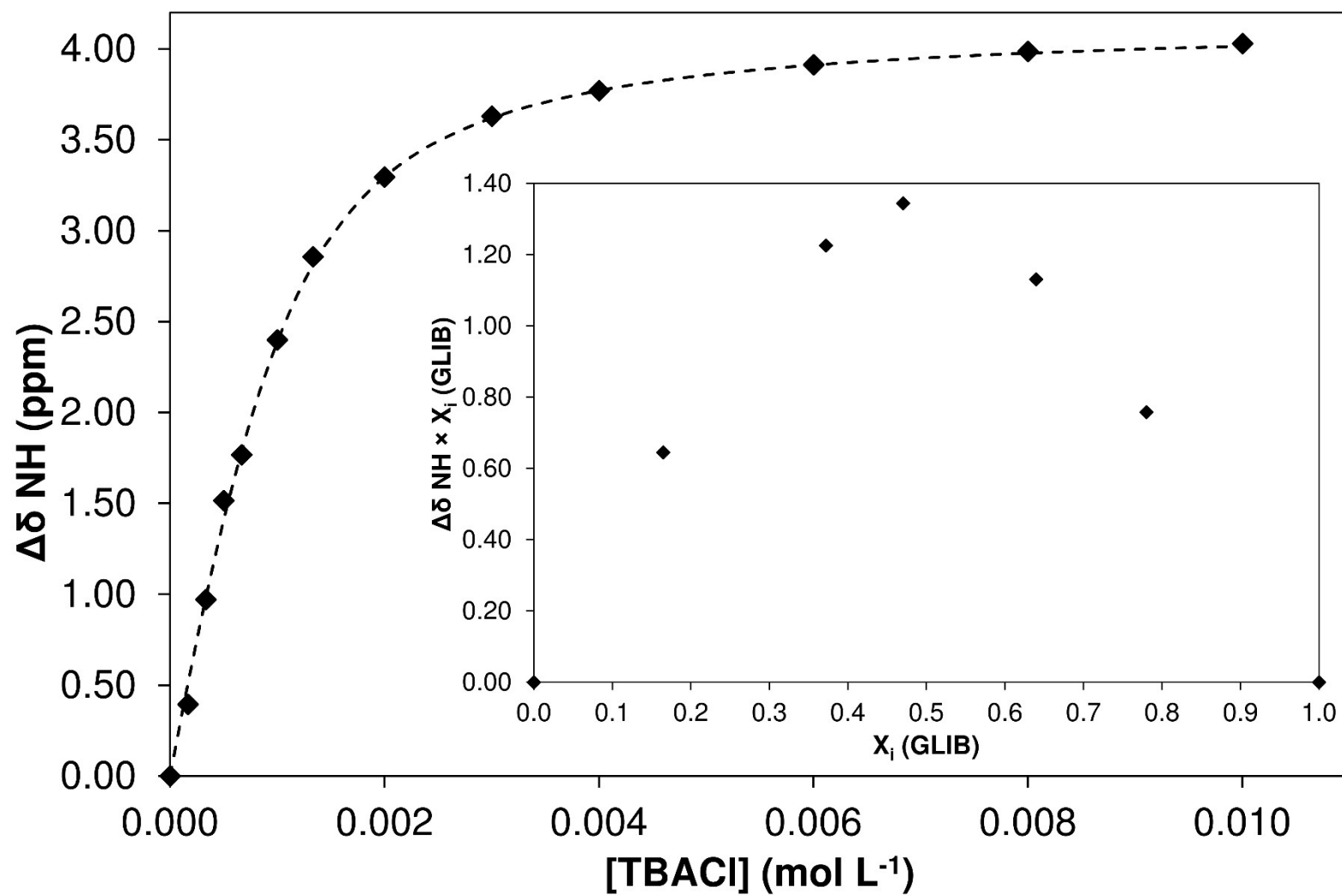


Figure S12. ^1H NMR titration isotherm and Job plot of GLIB vs. TBACl.

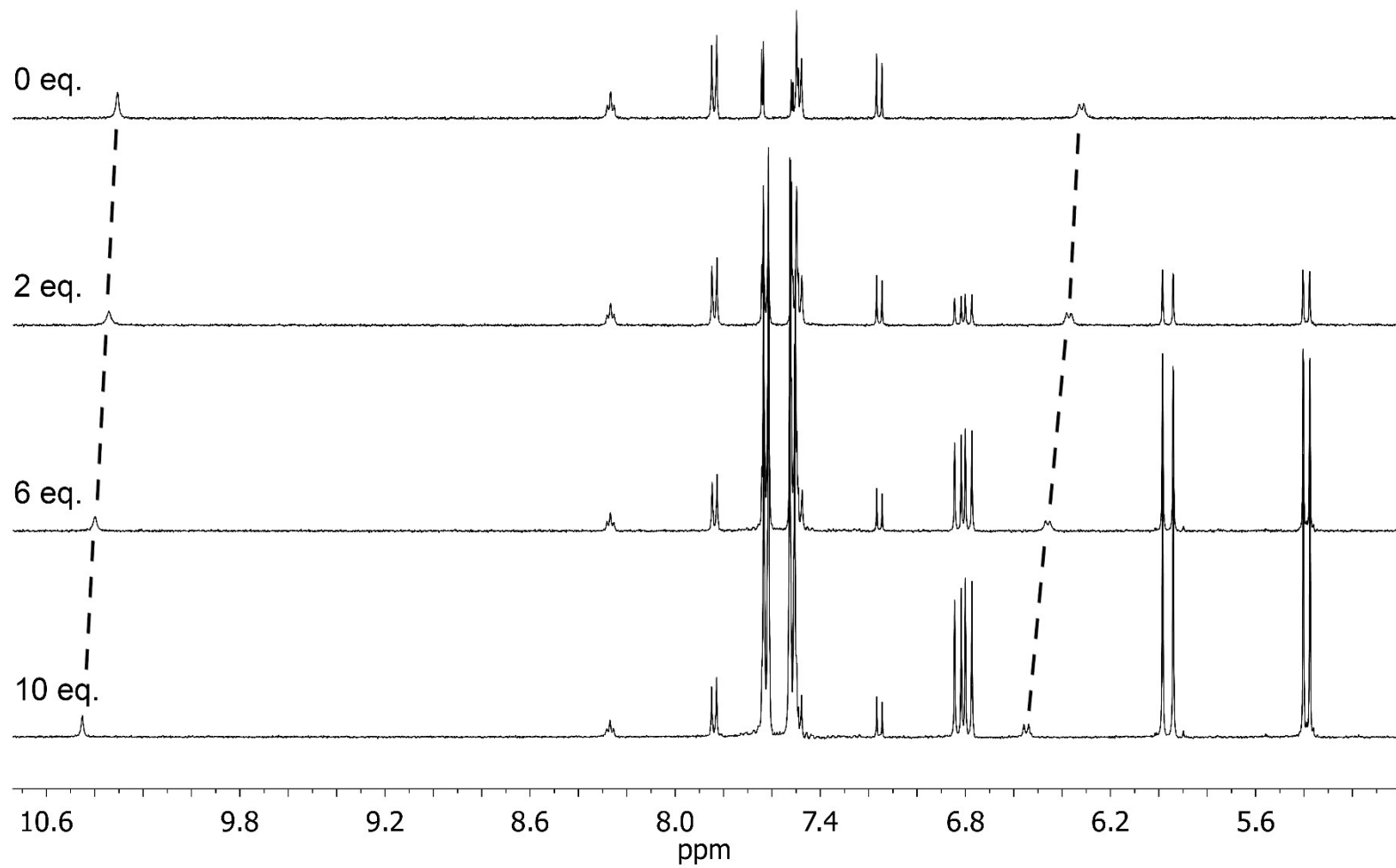


Figure S13. Overlay of ^1H NMR spectra collected during the titration of GLIB vs. VBTAC. From the top, 0 eq., 2 eq., 6 eq. and 10 eq. of VBTAC added.

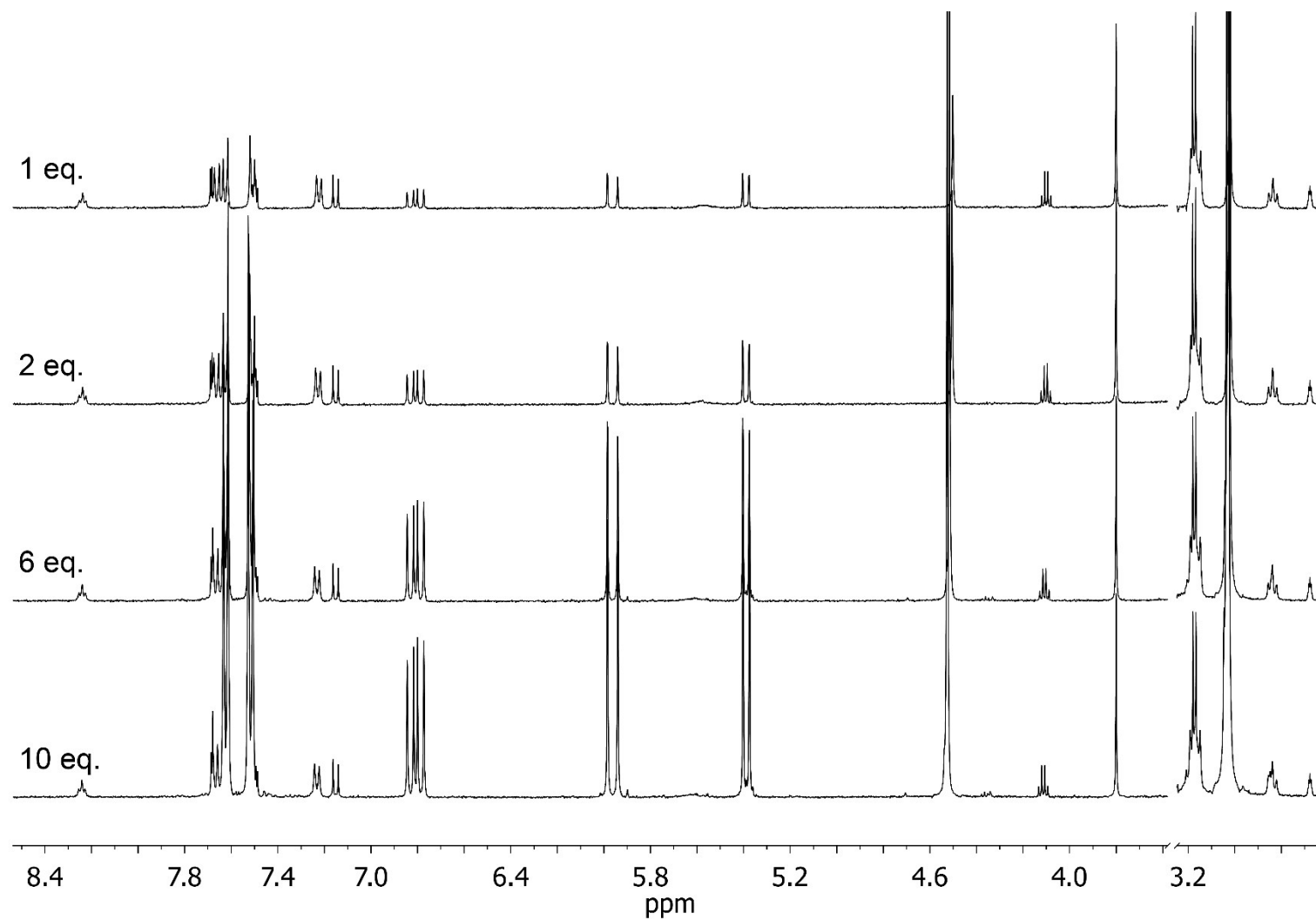


Figure S14. Overlay of ^1H NMR spectra collected during the titration of GLIB-TBA vs. VBTAC. From the top, 1 eq., 2 eq., 6 eq. and 10 eq. of VBTAC added.

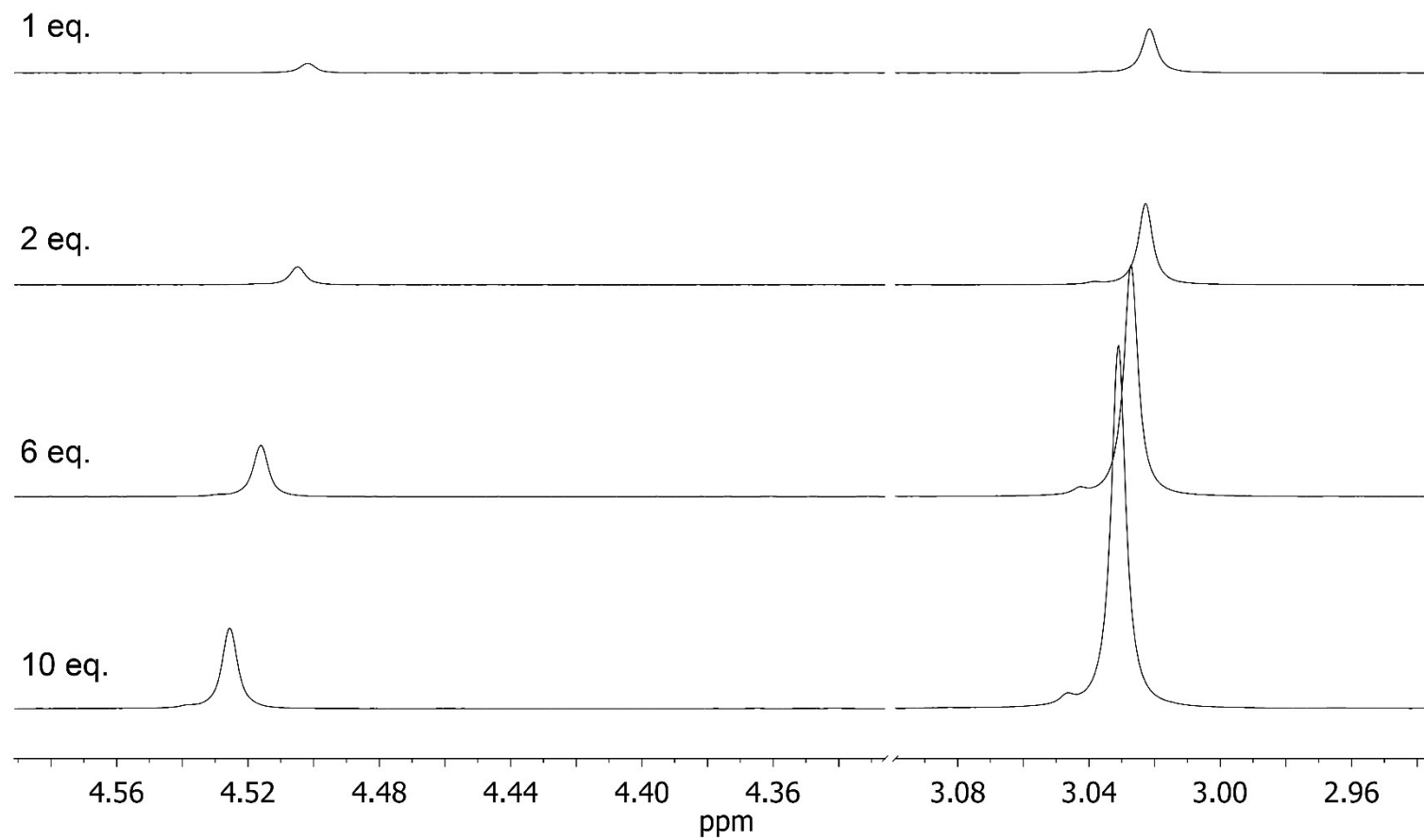


Figure S15. Characteristic signal movement during the ^1H NMR titration of GLIB-TBA vs. VBTAC. From the top, 1 eq., 2 eq., 6 eq. and 10 eq. of VBTAC added.

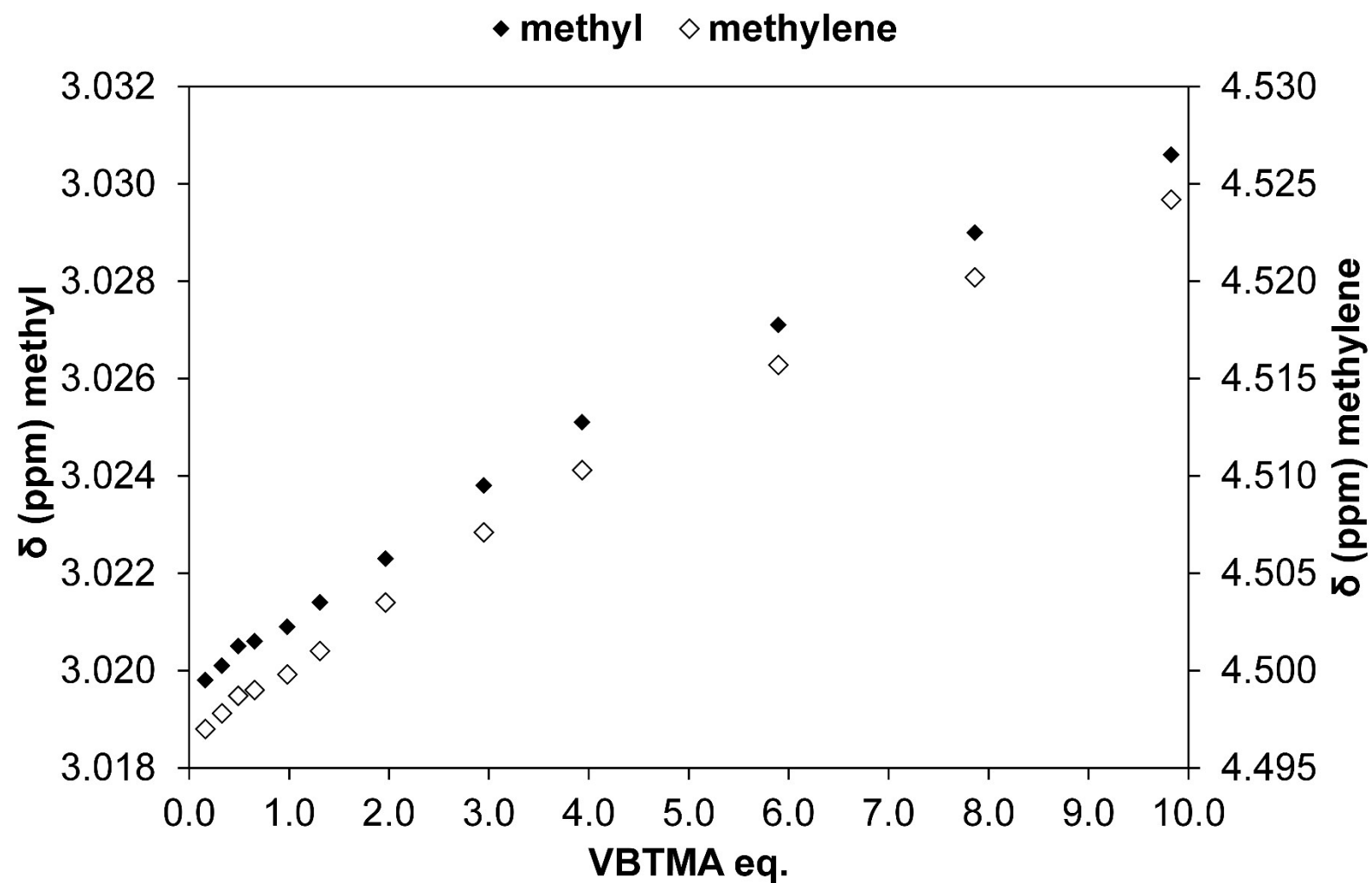


Figure S16. Change in chemical shift of the quaternary ammonium methyl groups (left axis) and methylene protons (right axis) of 4-vinylbenzyltrimethylammonium during the titration of GLIB vs. VBTMA.

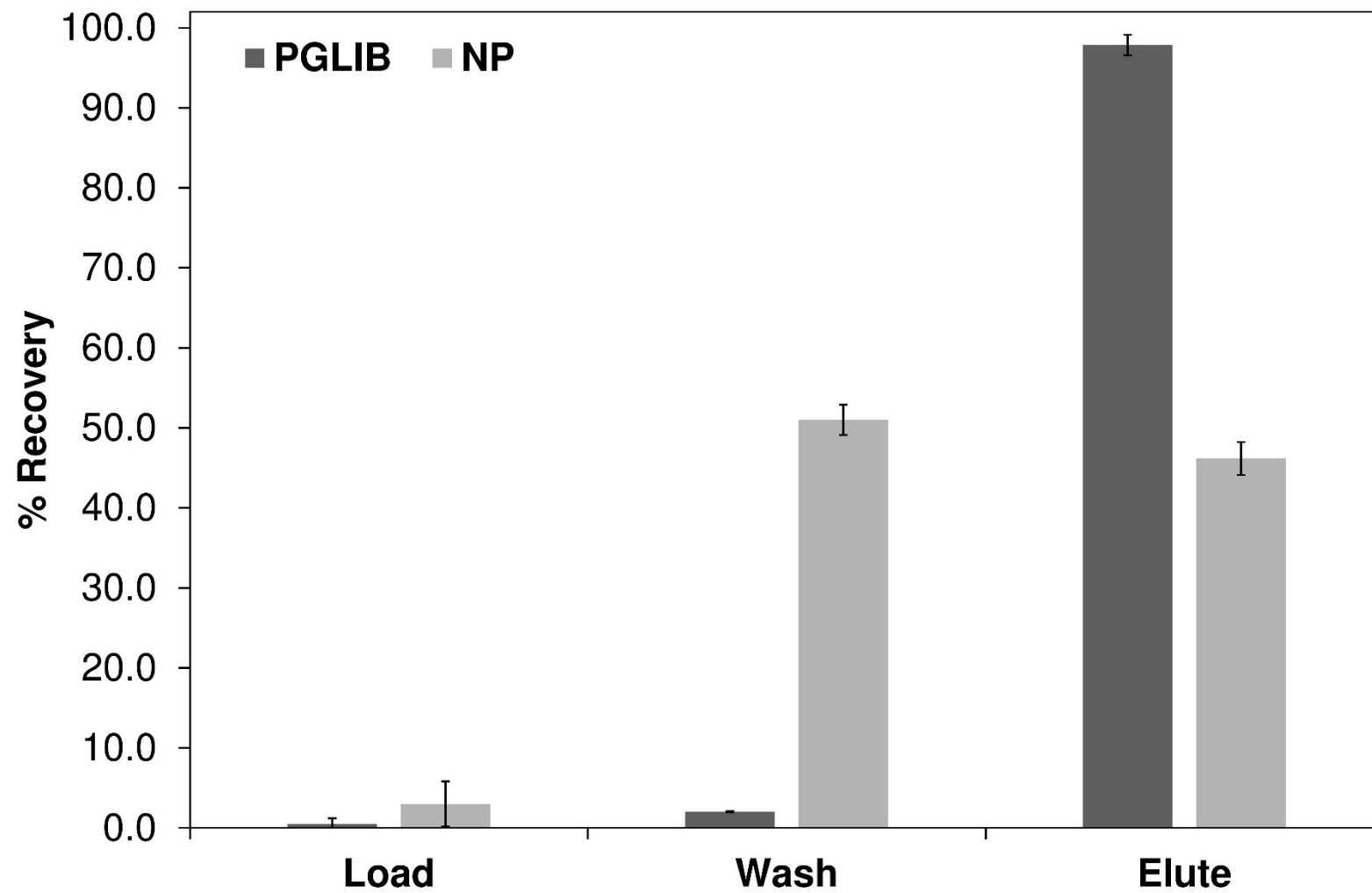


Figure S17. GLIB recovery (%) on P_{GLIB} and NP, at each step of the optimised SPE protocol.

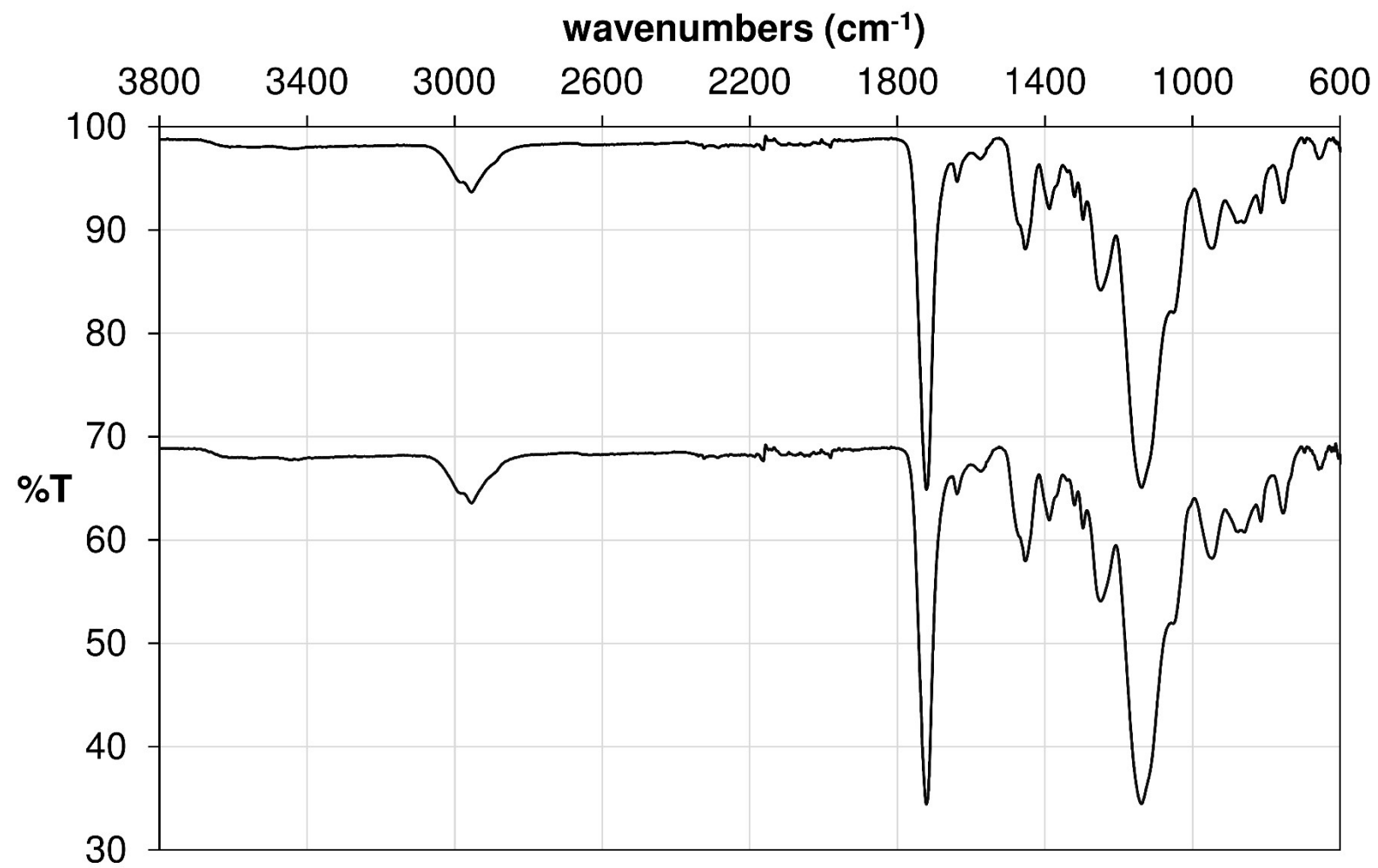


Figure S18. FT-IR spectra of P_{GLIB} (top) and NP (bottom).