

Supplementary Information

Cyclic ketal bridged bisepoxides: Enabling the design of degradable epoxy-amine thermosets for carbon fiber composite applications

Benjamin M. Alameda, Margaret S. Kumler, J. Scott Murphy, Jeffrey S. Aguinaga, Derek L. Patton*^a
School of Polymer Science and Engineering, University of Southern Mississippi, Hattiesburg, MS 39406, USA. E-mail: derek.patton@usm.edu.

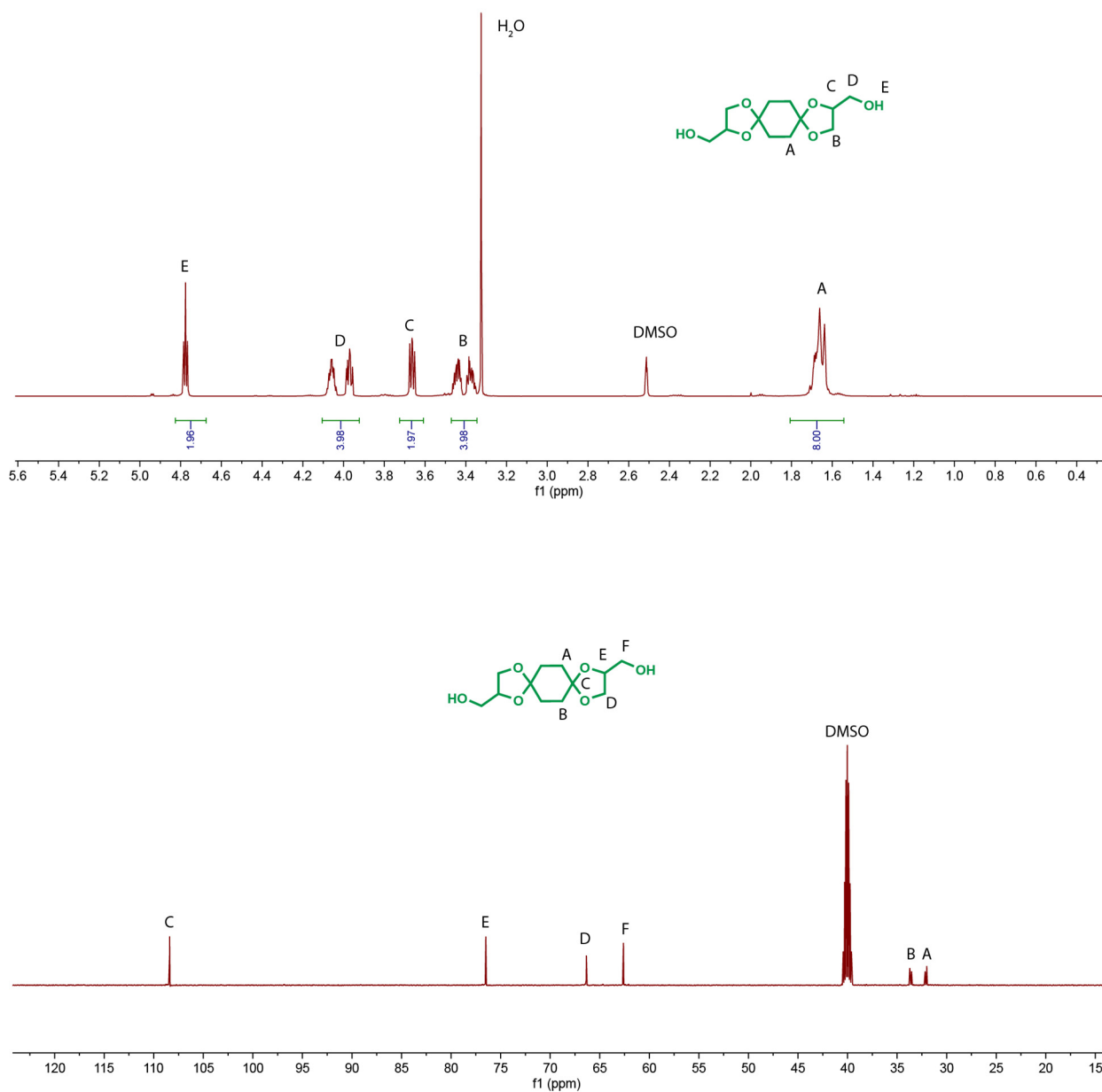


Fig. S1. ¹H-NMR and ¹³C-NMR spectra of 2.

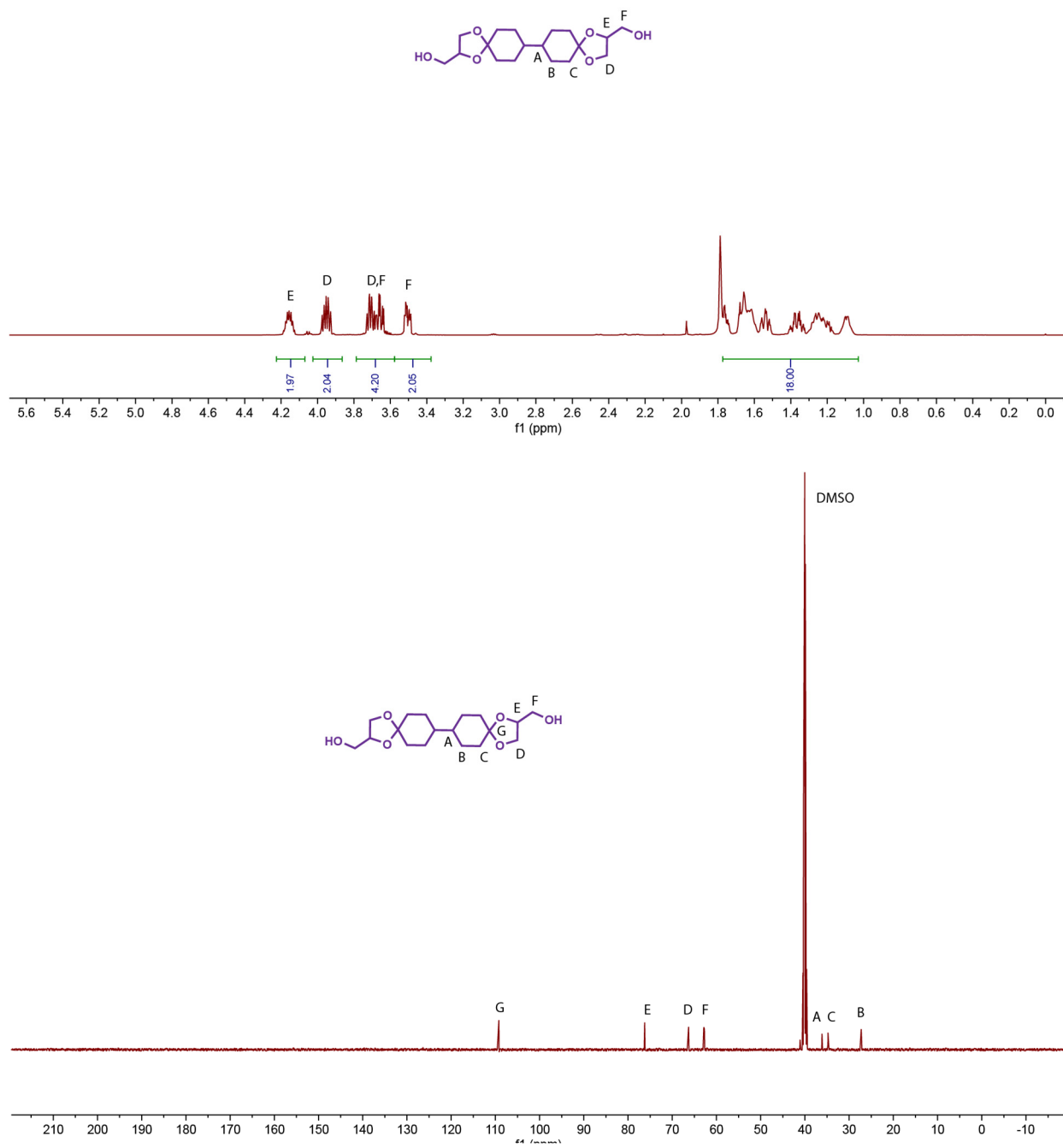


Fig. S2. ^1H -NMR and ^{13}C -NMR spectra of 5.

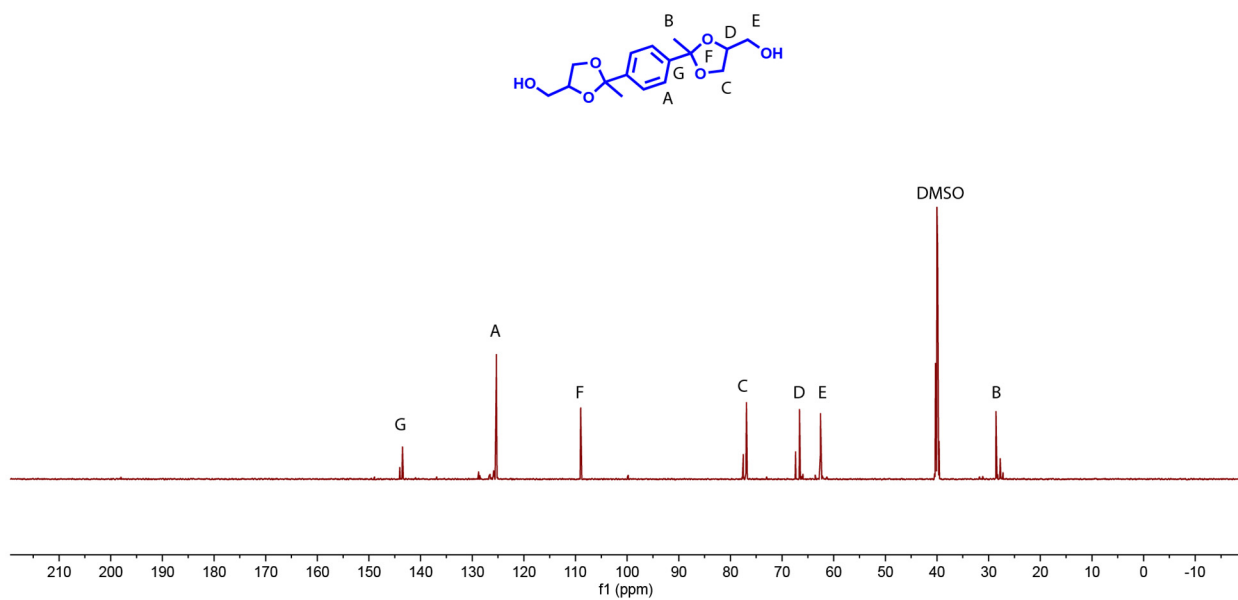
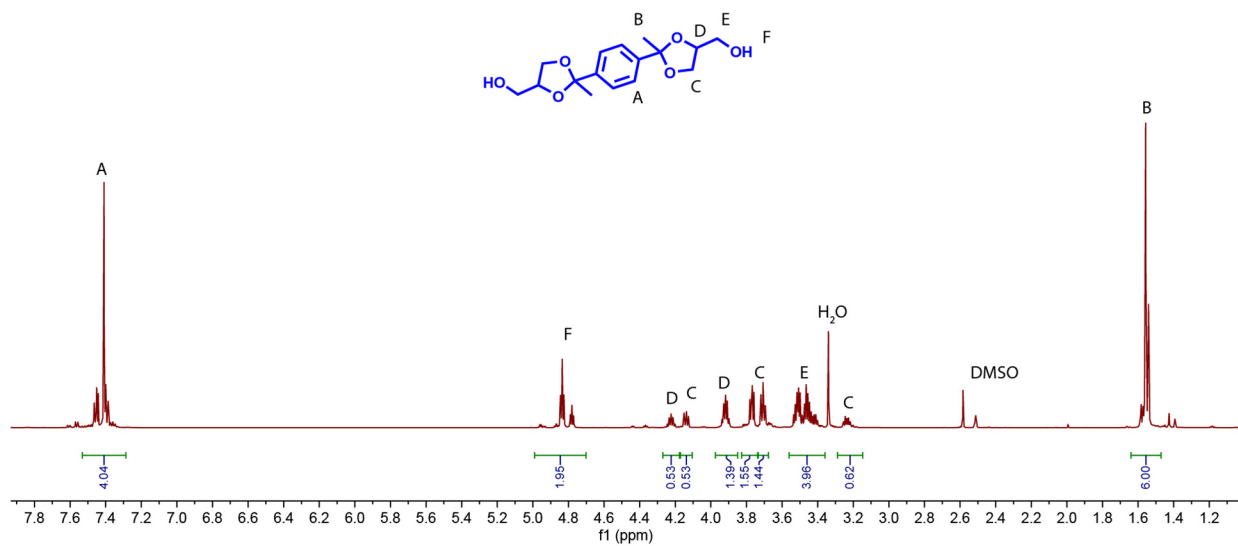


Fig. S3. $^1\text{H-NMR}$ and $^{13}\text{C-NMR}$ spectra of **8**.

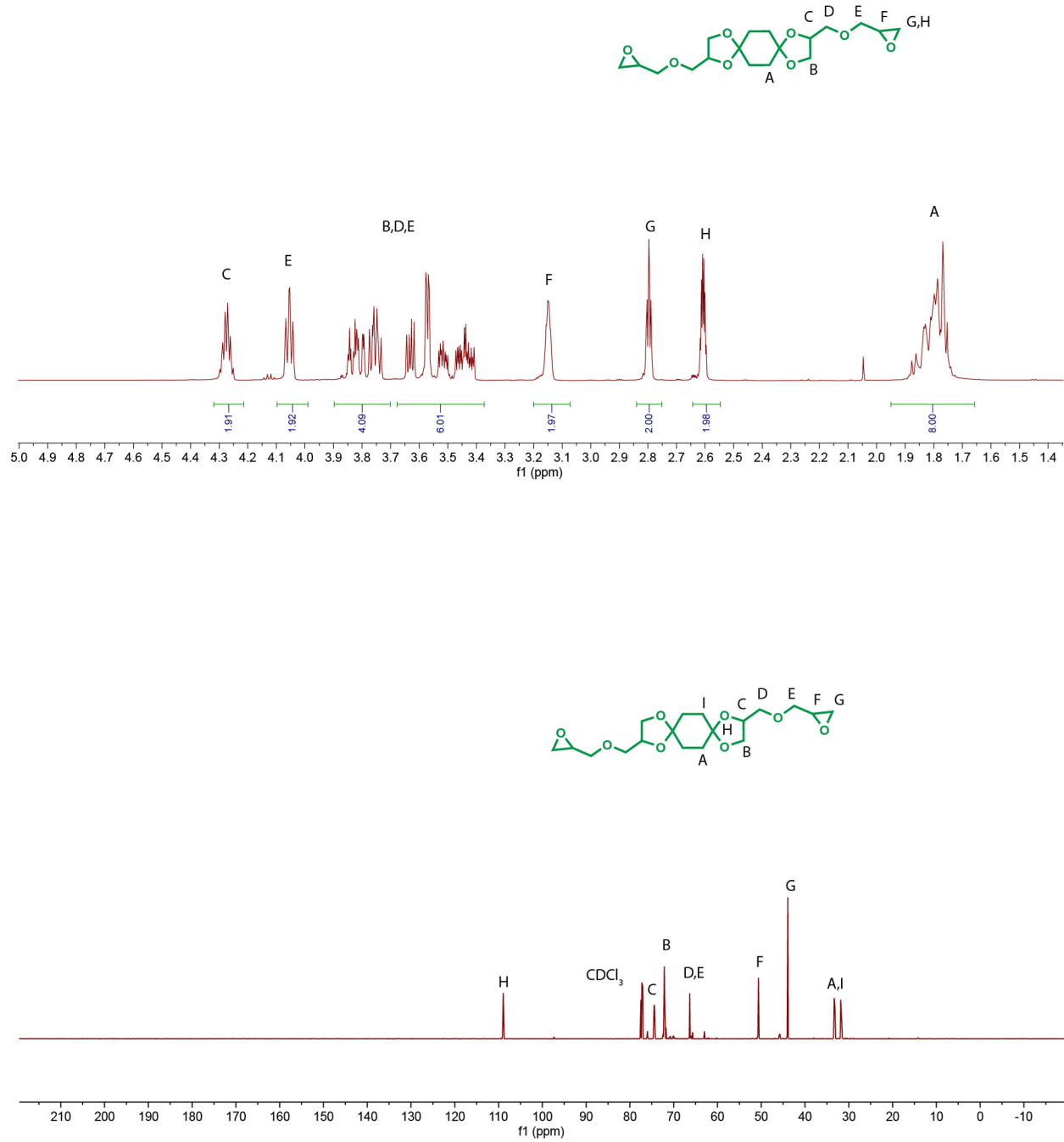


Fig. S4. ^1H -NMR and ^{13}C -NMR spectra of monomer **3**.

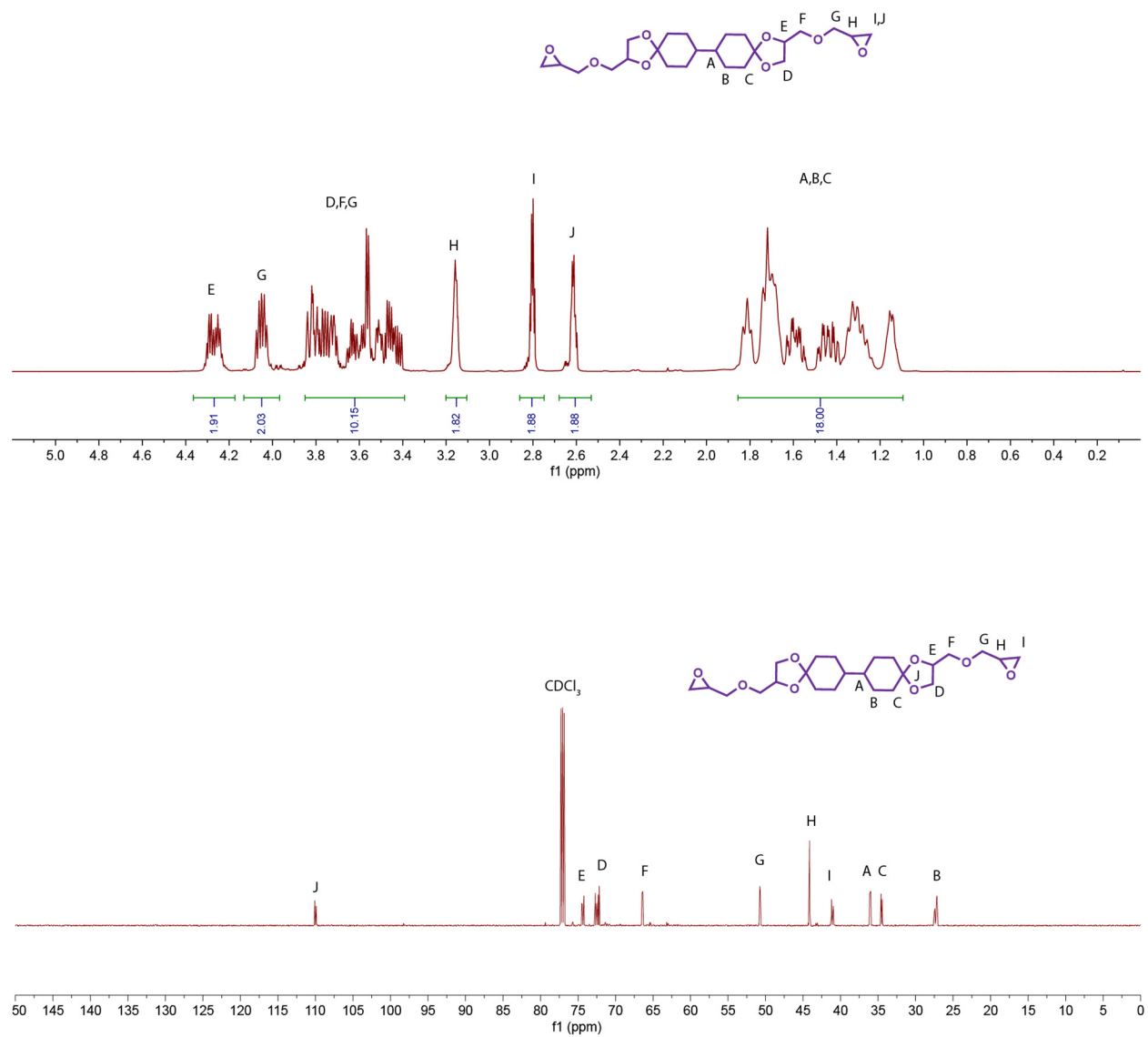


Fig. S5. $^1\text{H-NMR}$ and $^{13}\text{C-NMR}$ spectra of monomer 6.

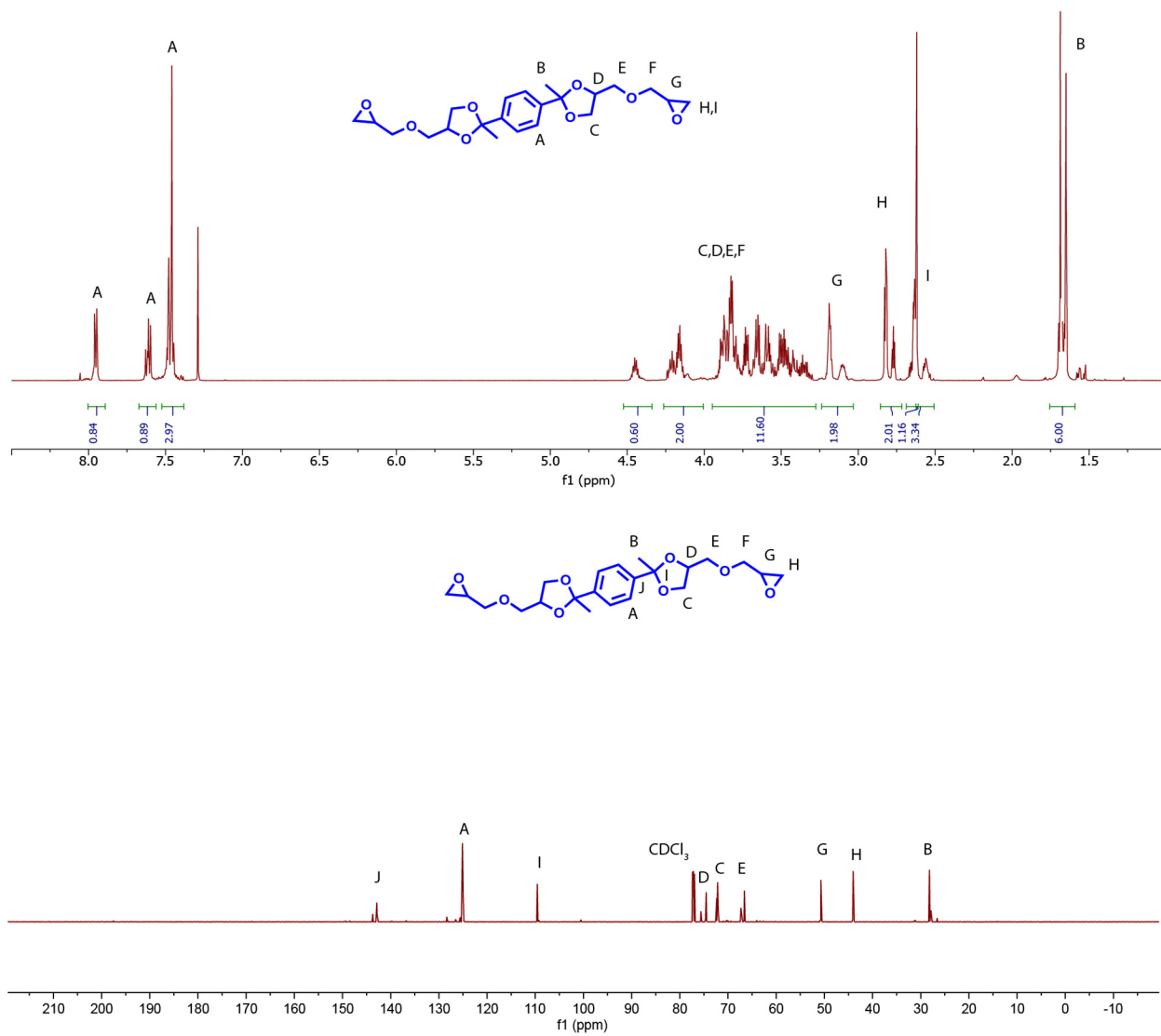


Fig. S6. ^1H -NMR and ^{13}C -NMR spectra of monomer 9.

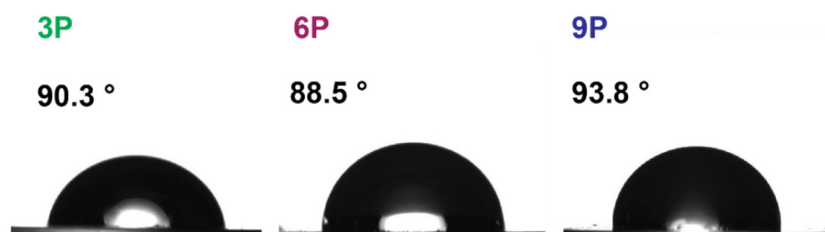


Fig. S7. Water contact angle of thermosets 3P, 6P, and 9P.