

Supporting Information for

**Polycondensation of methacrylates: Auto-tandem organocatalysis using
N-heterocyclic carbene**

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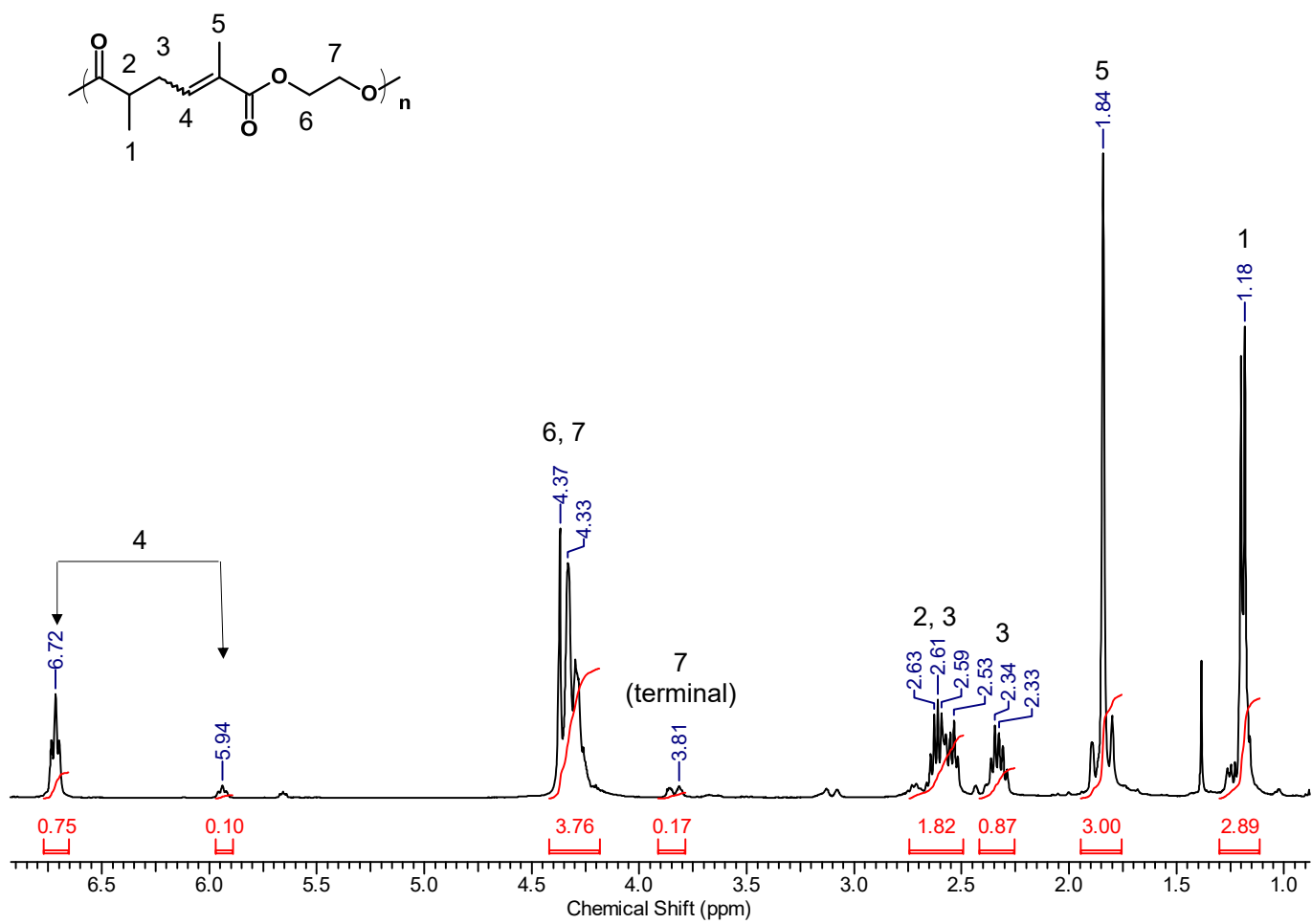


Figure S1. ^1H NMR spectrum of Poly1.

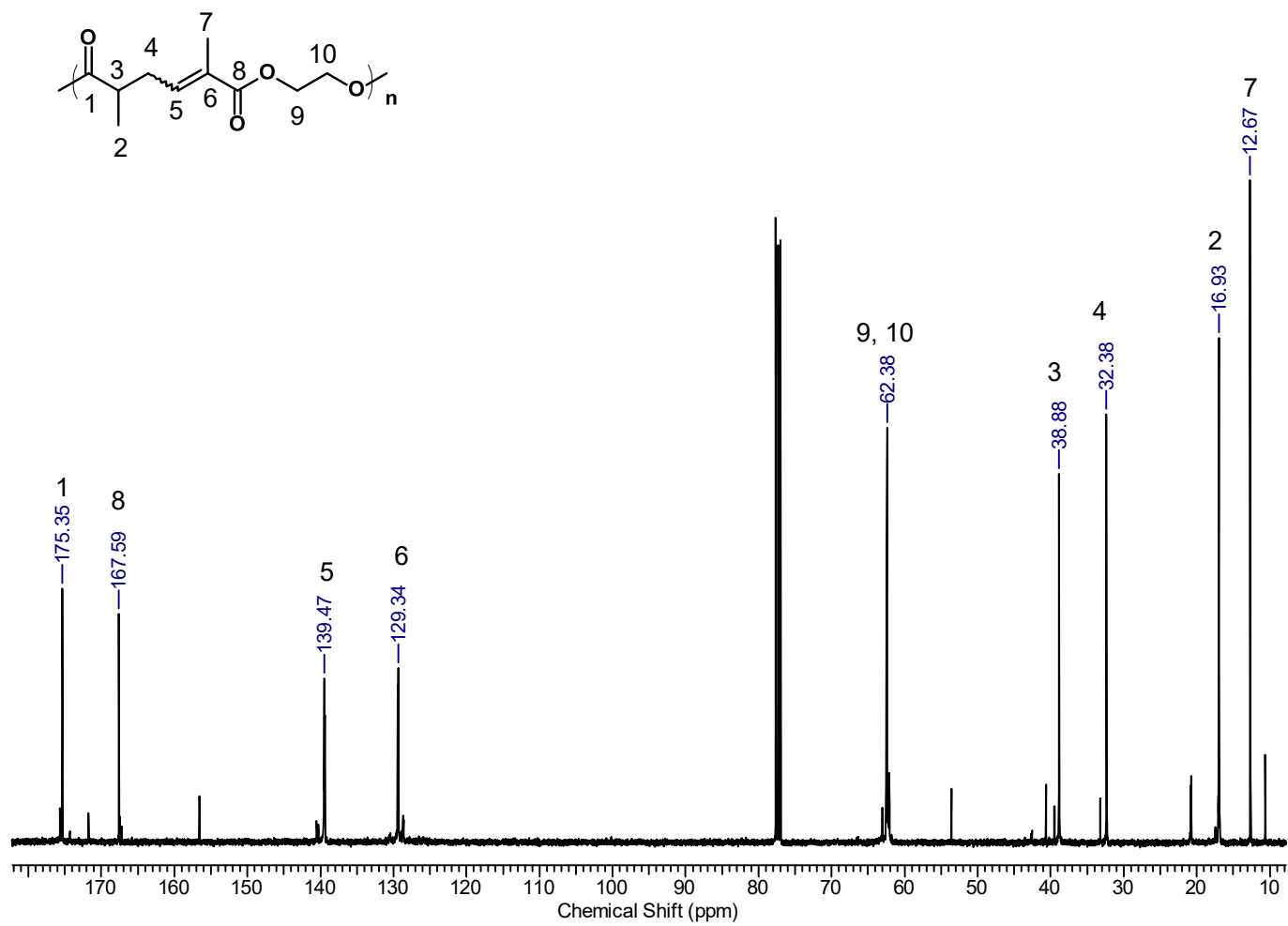


Figure S2. ^{13}C NMR spectrum of Poly1.

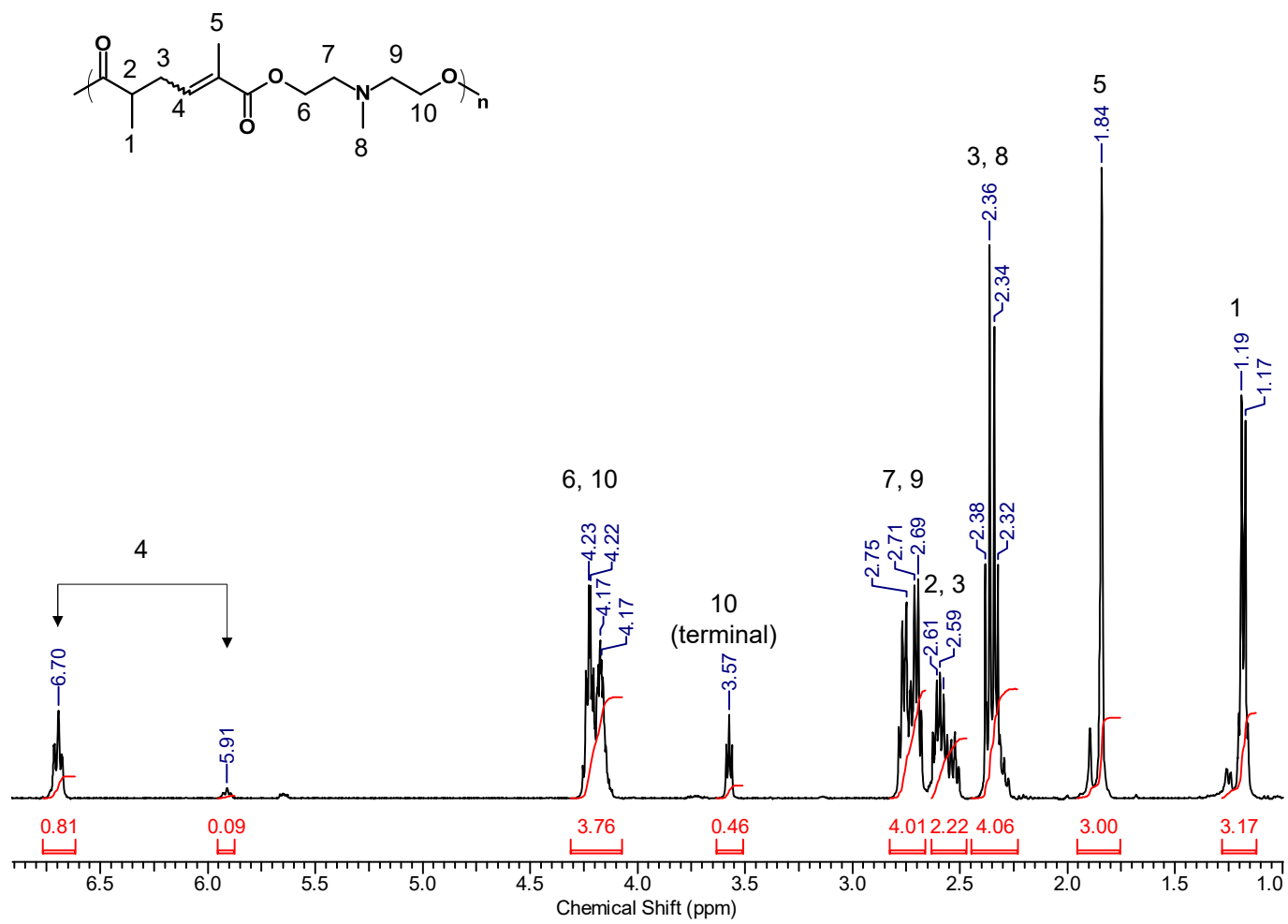


Figure S3. ¹H NMR spectrum of Poly2.

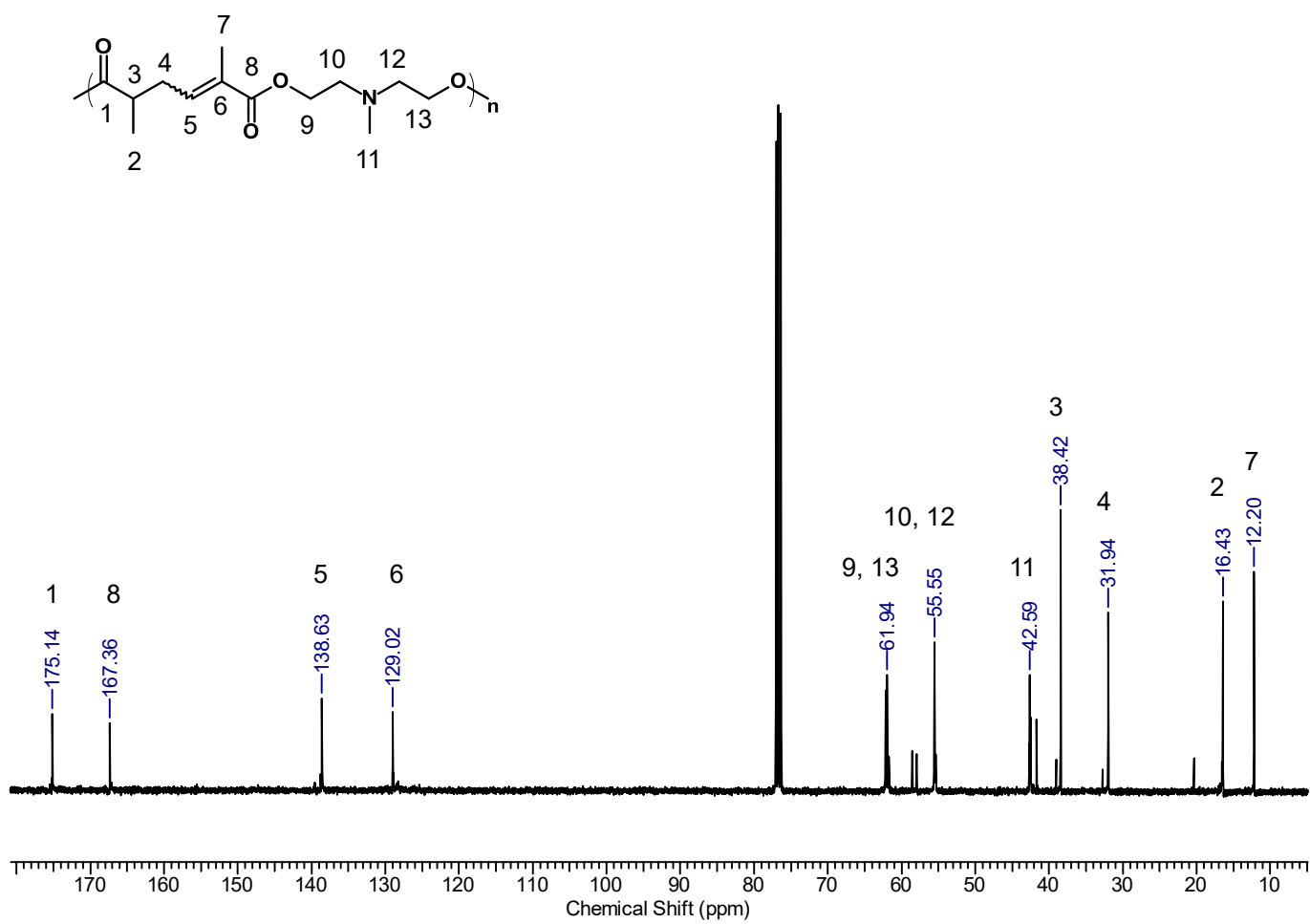


Figure S4. ^{13}C NMR spectrum of Poly2.

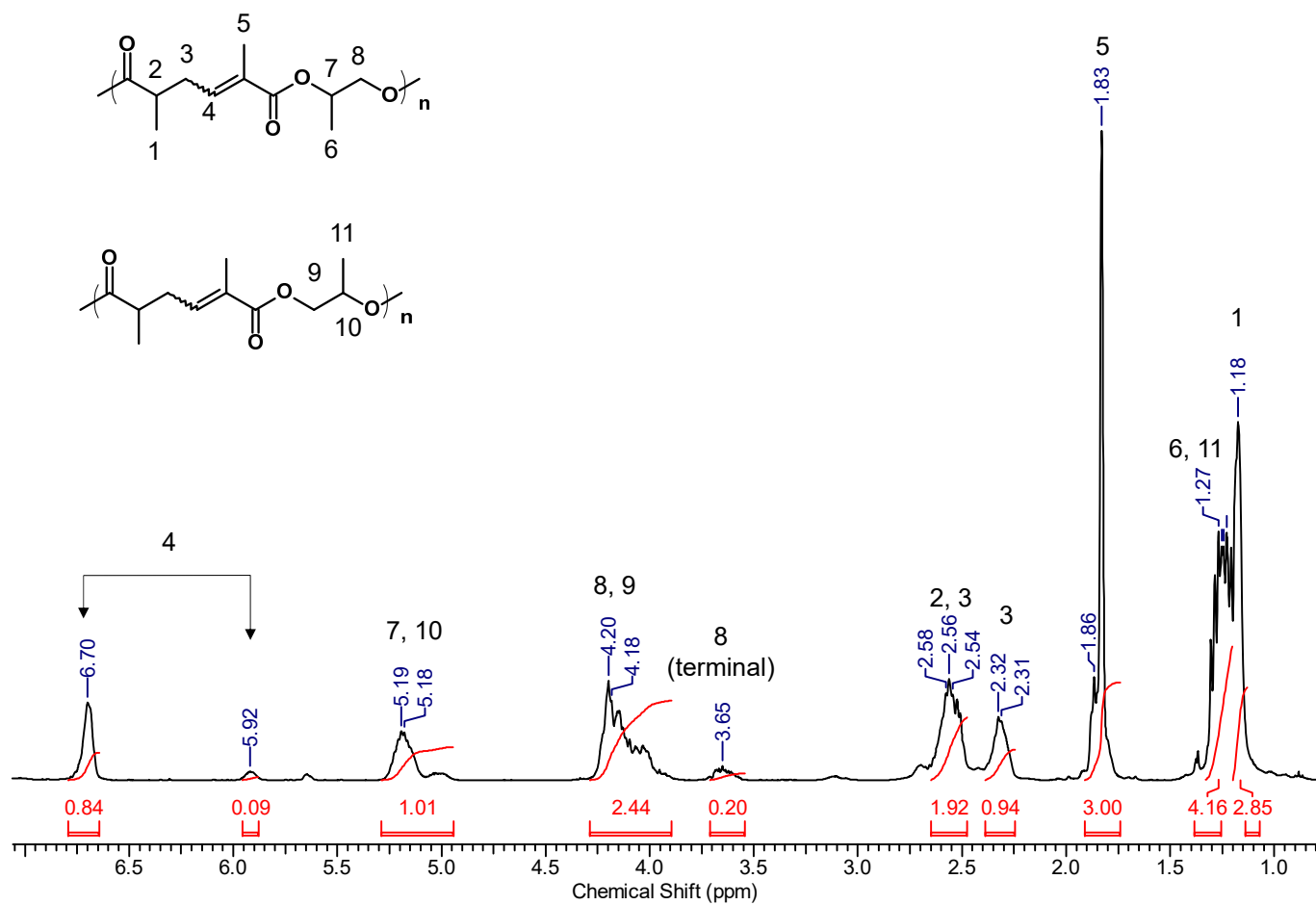


Figure S5. ¹H NMR spectrum of Poly3.

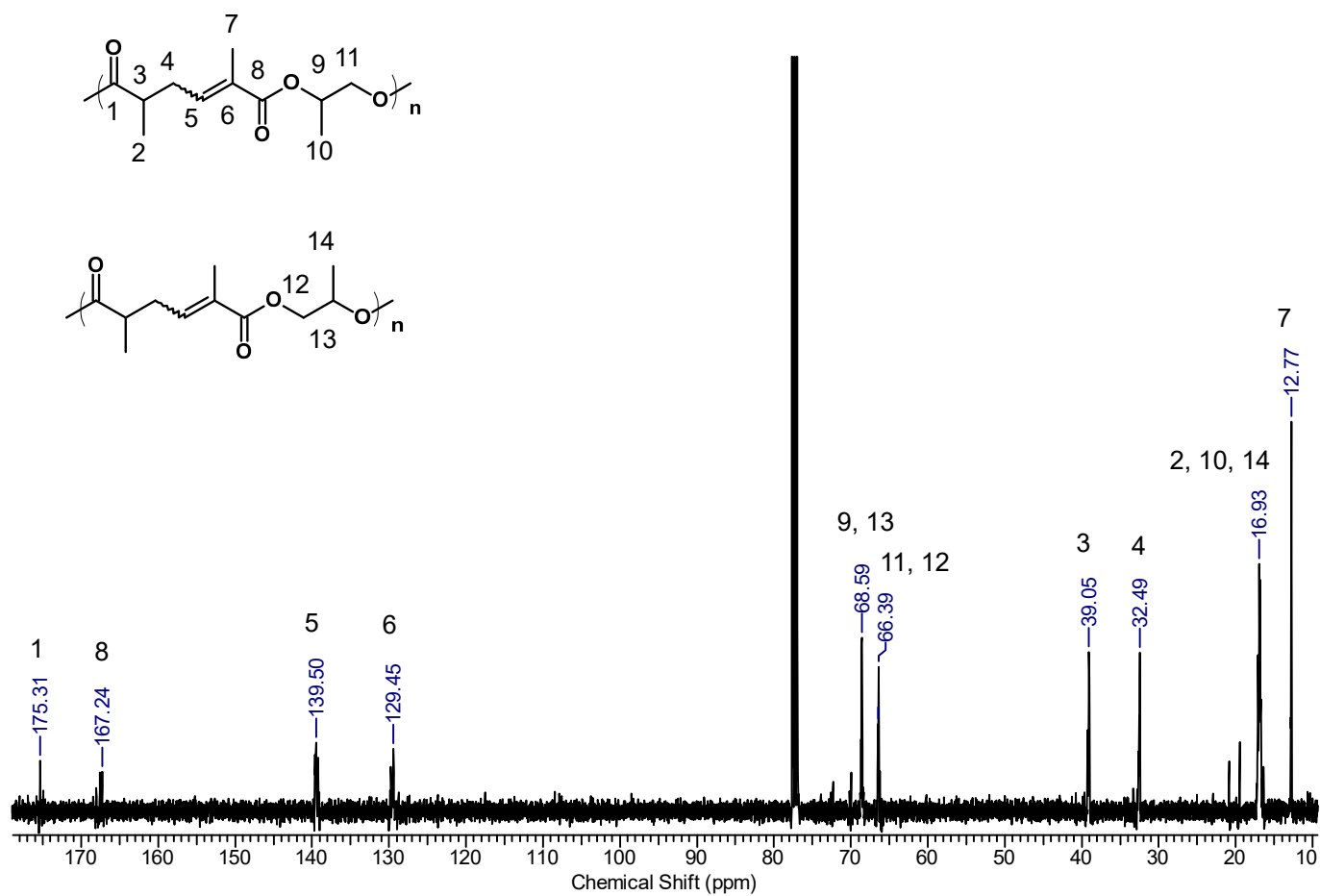


Figure S6. ^{13}C NMR spectrum of Poly3.

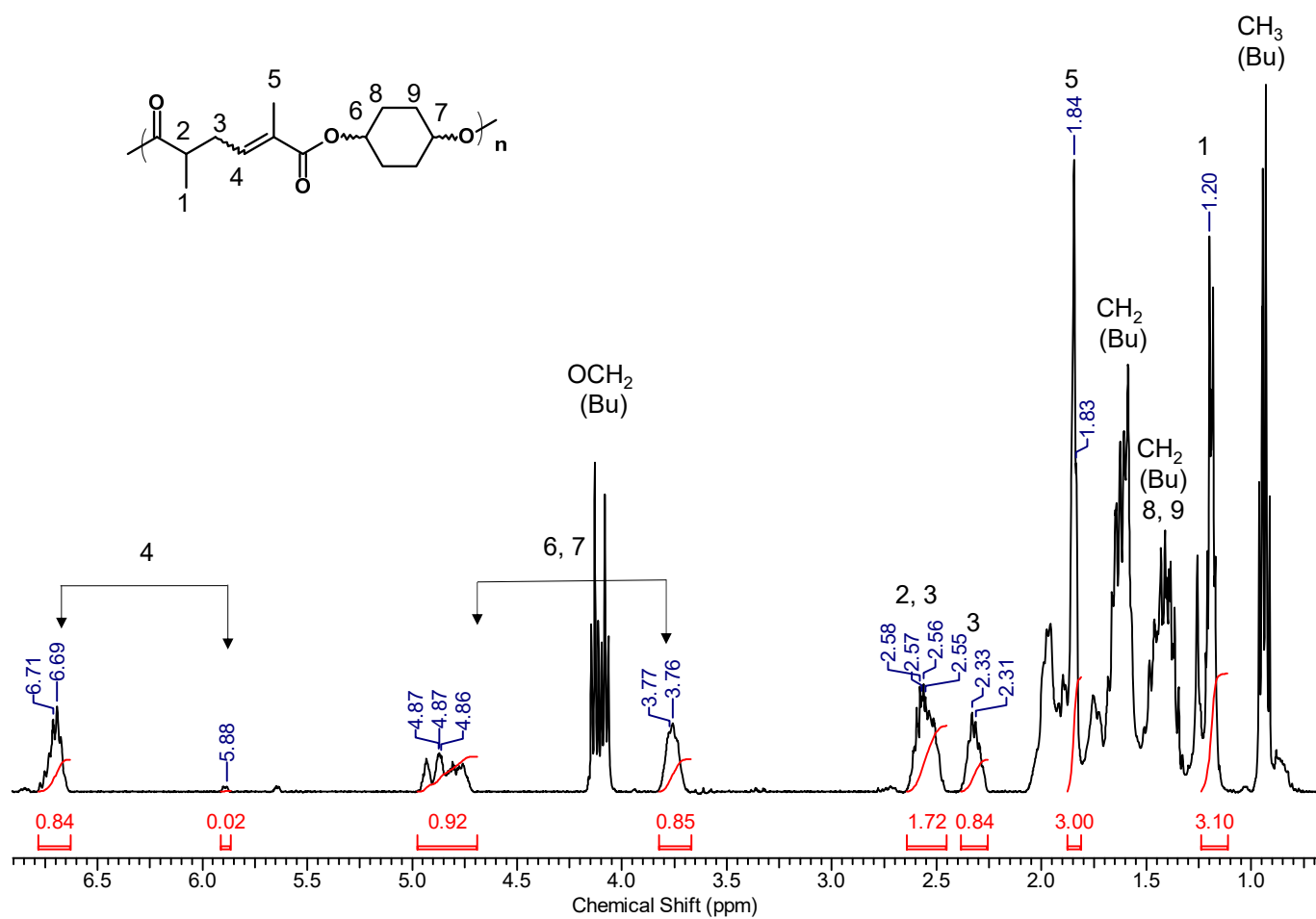


Figure S7. ¹H NMR spectrum of the polymer obtained from *n*BMA and 7.

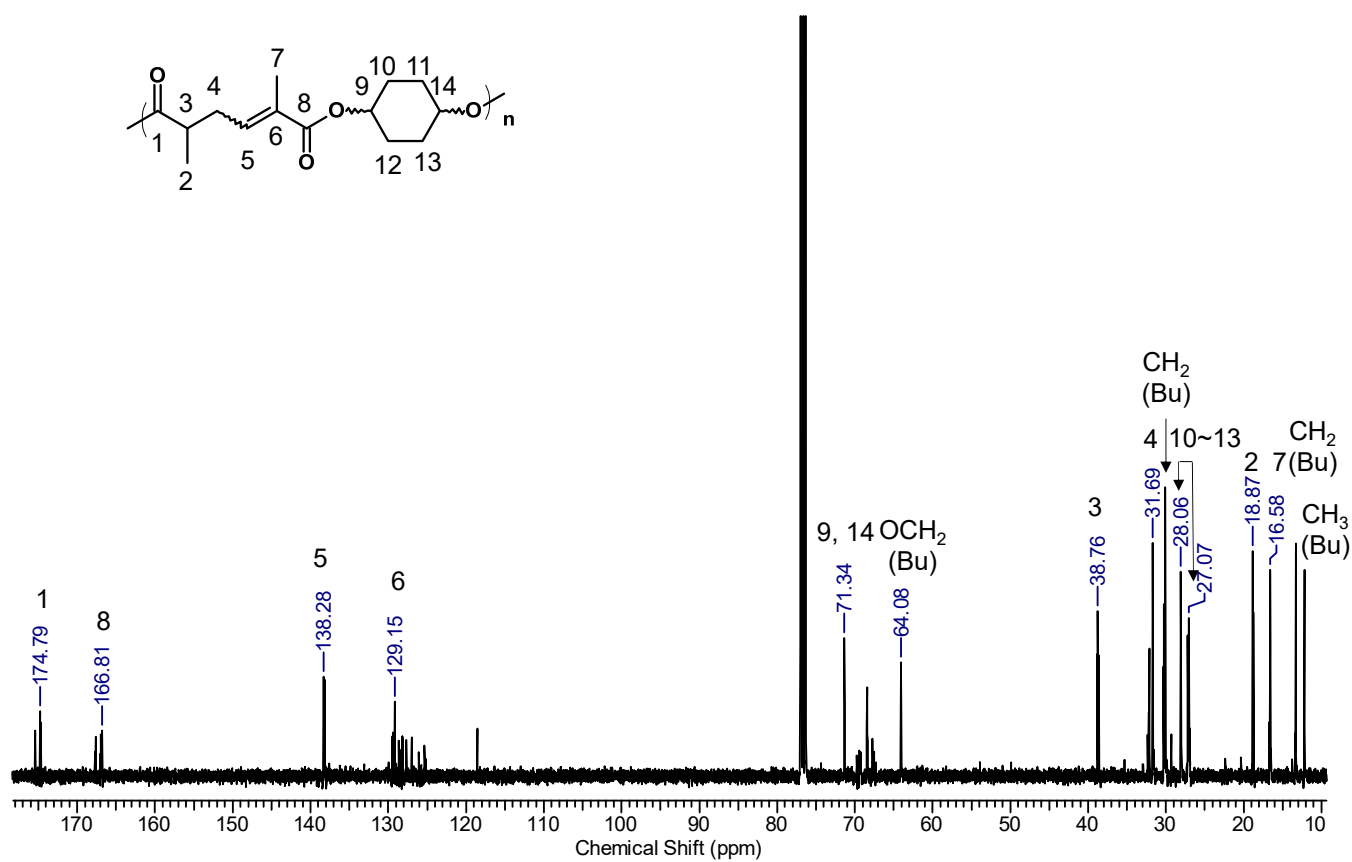


Figure S8. ^{13}C NMR spectrum of the polymer obtained from *n*BMA and 7.

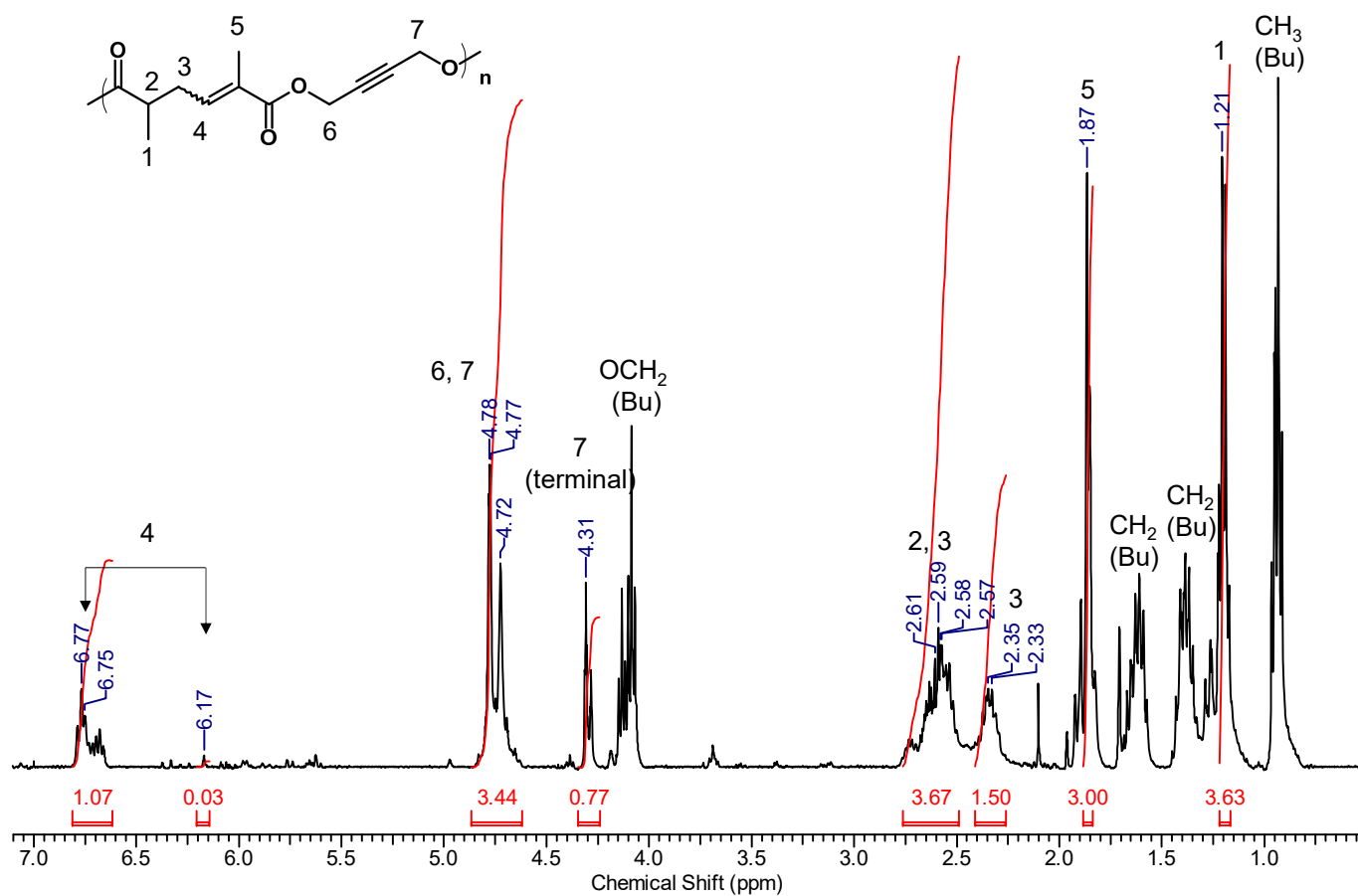


Figure S9. ^1H NMR spectrum of the polymer obtained from *n*BMA and **8**.

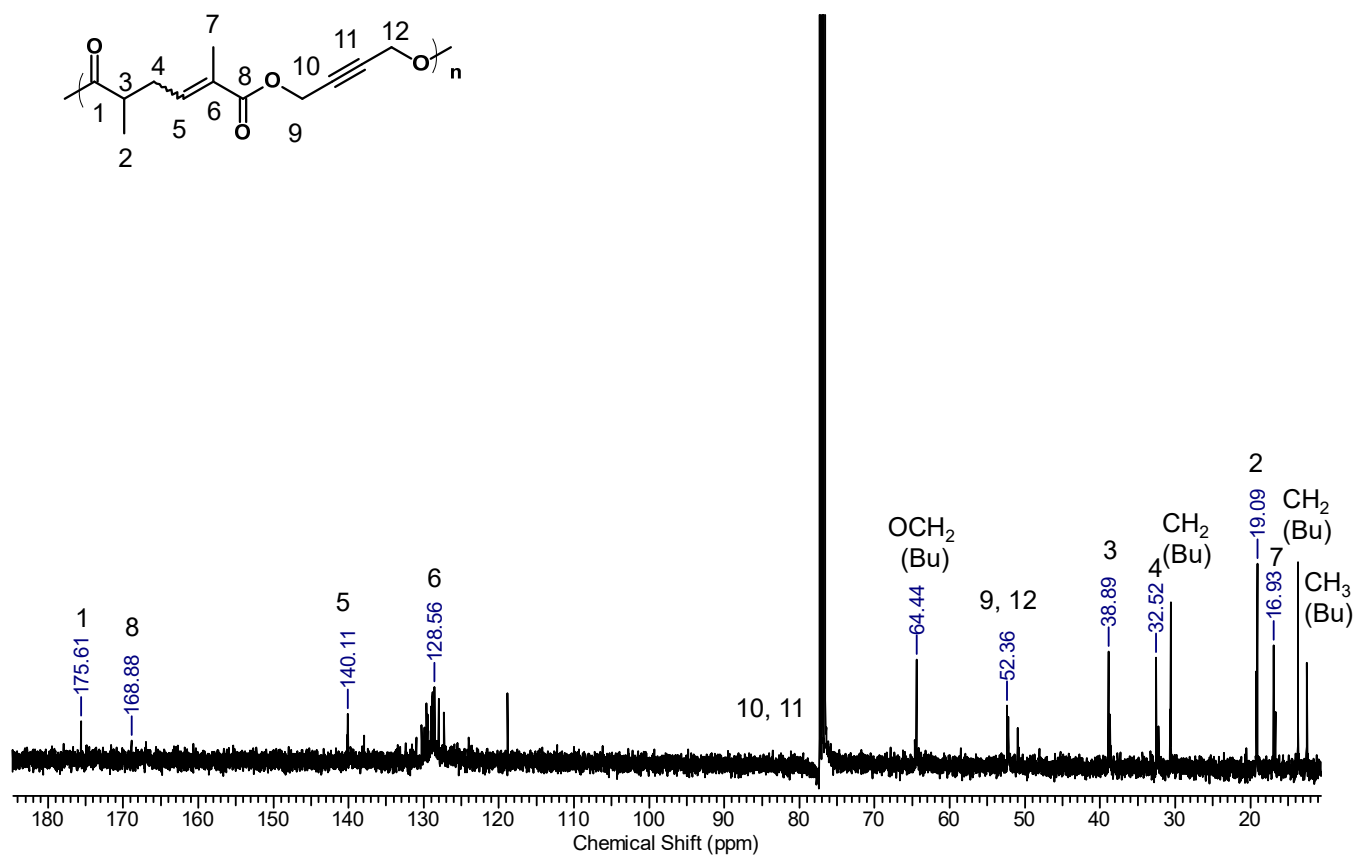


Figure S10. ^{13}C NMR spectrum of the polymer obtained from *n*BMA and **8**.

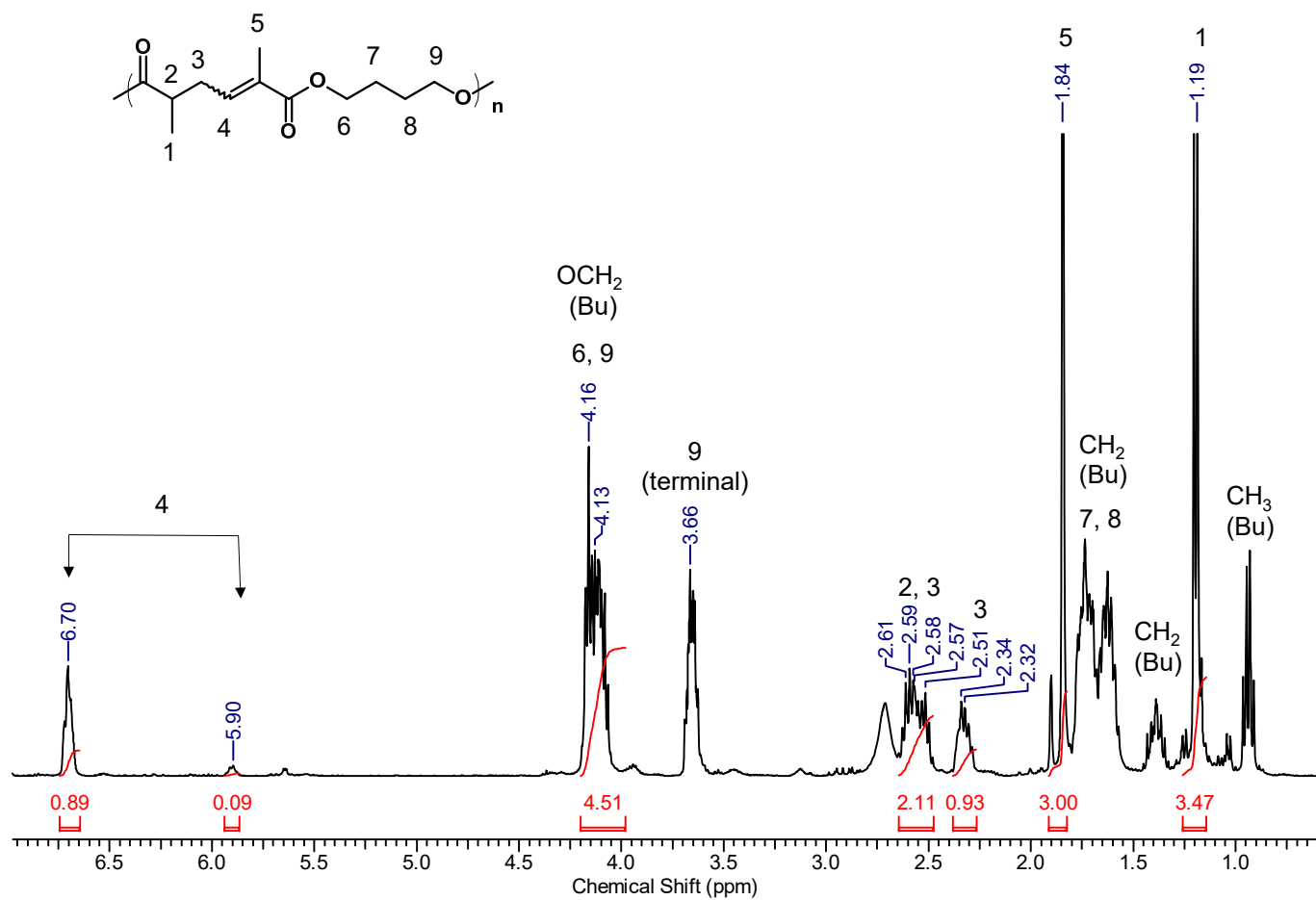


Figure S11. ^1H NMR spectrum of the polymer obtained from *n*BMA and **9**.

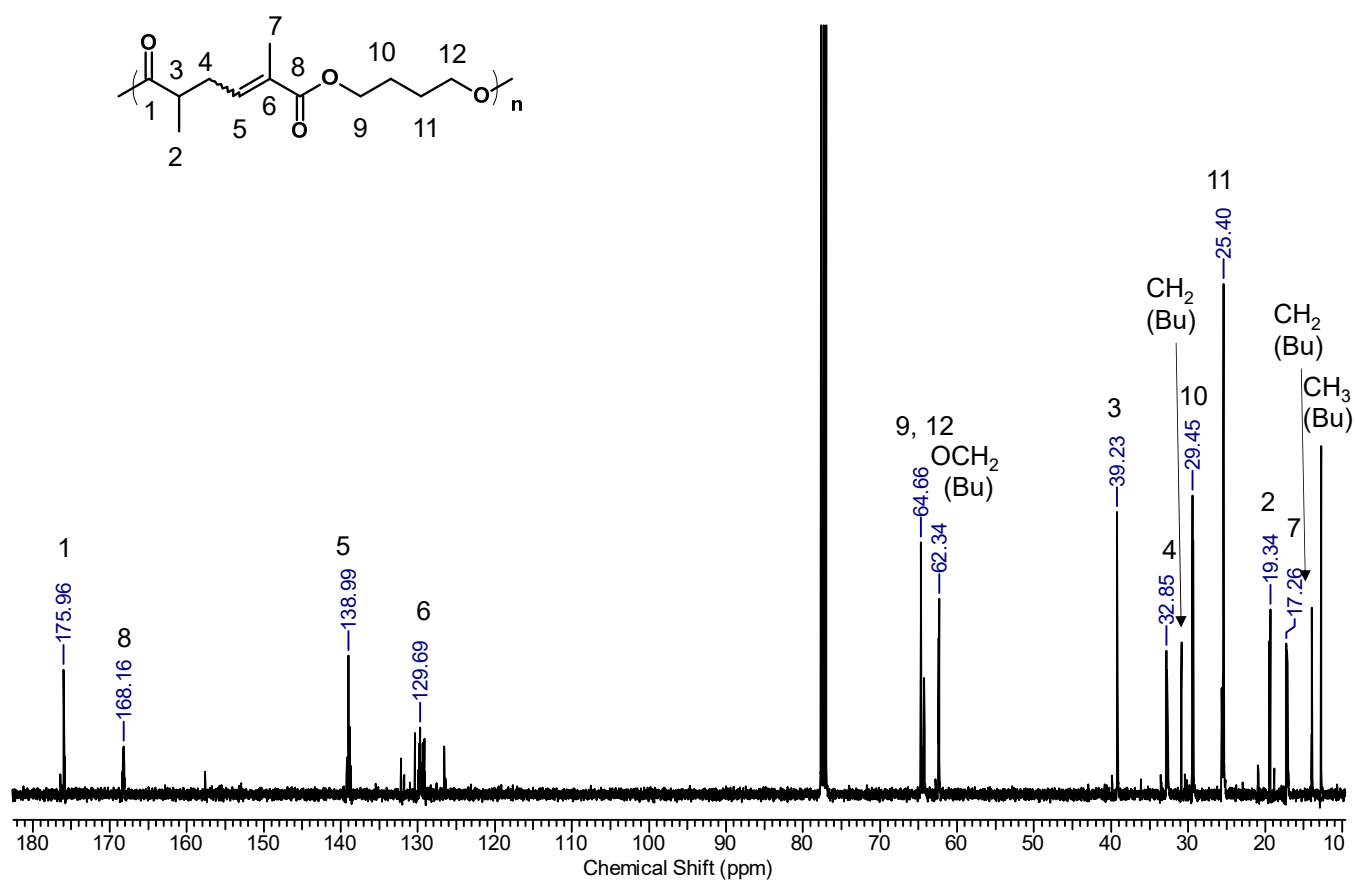


Figure S12. ^{13}C NMR spectrum of the polymer obtained from *n*BMA and **9**.

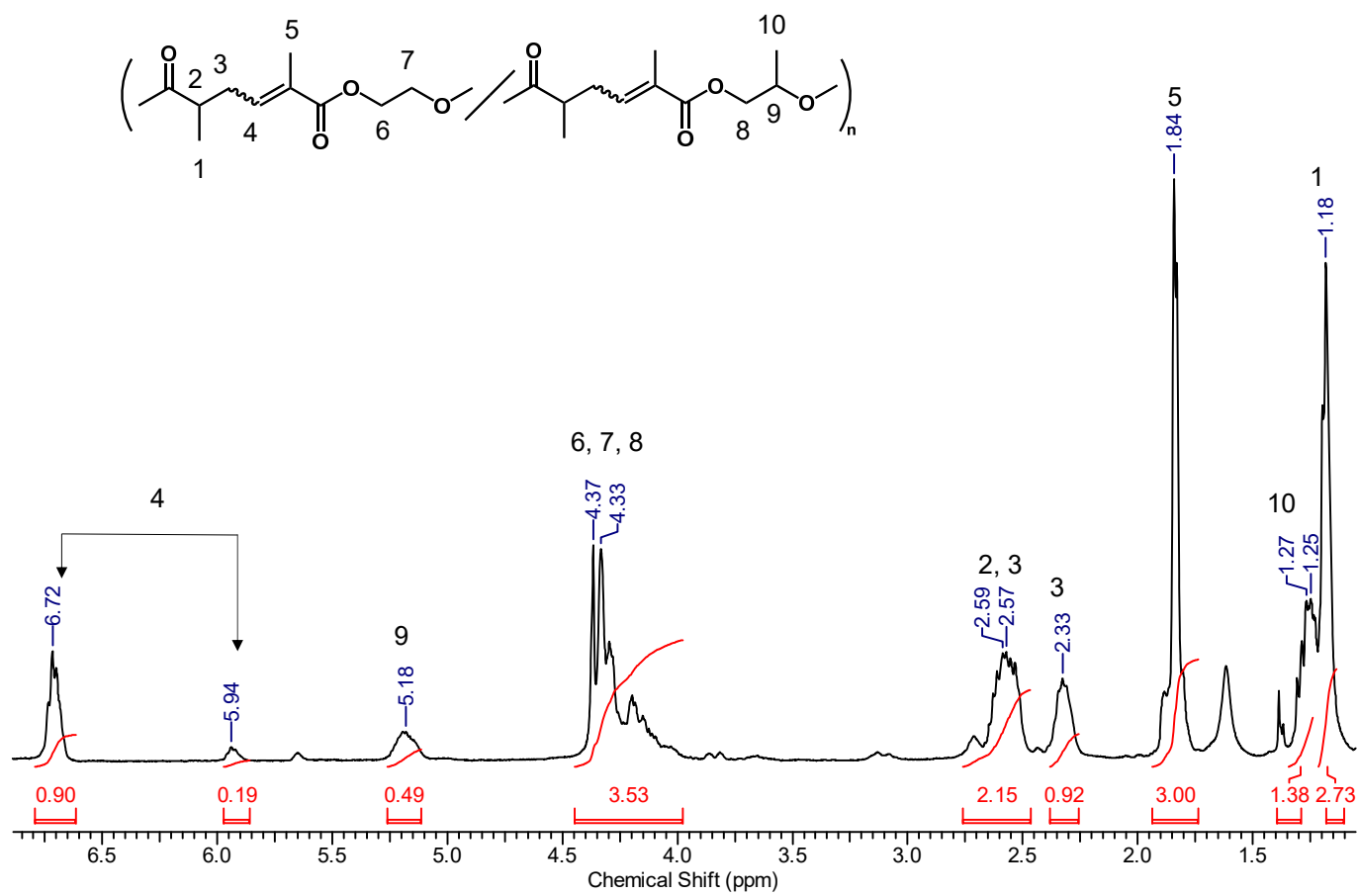


Figure S13. ¹H NMR spectrum of the copolymer obtained from **1** and **2**.

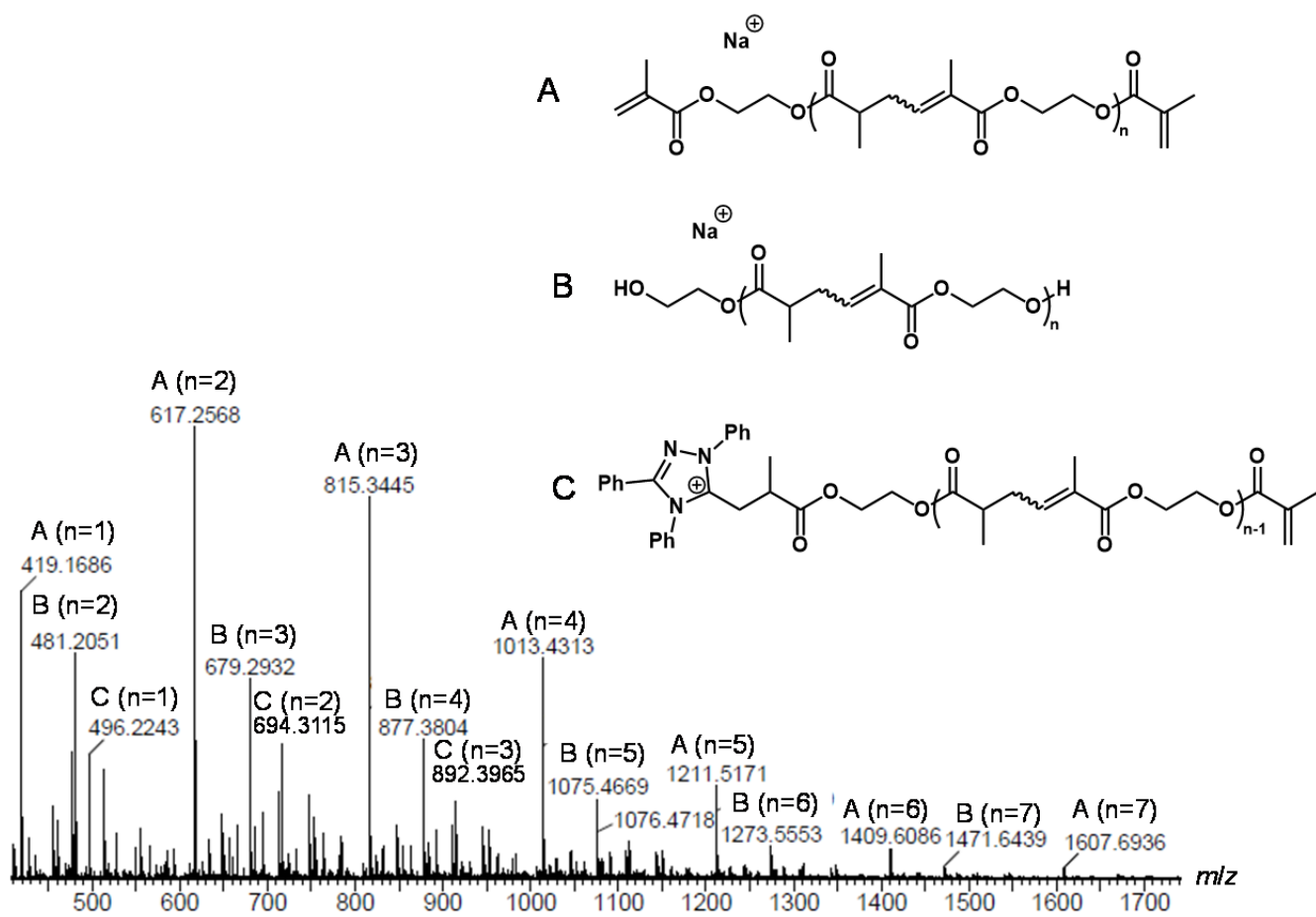


Figure S14. ESI-MS spectrum of Poly 1.

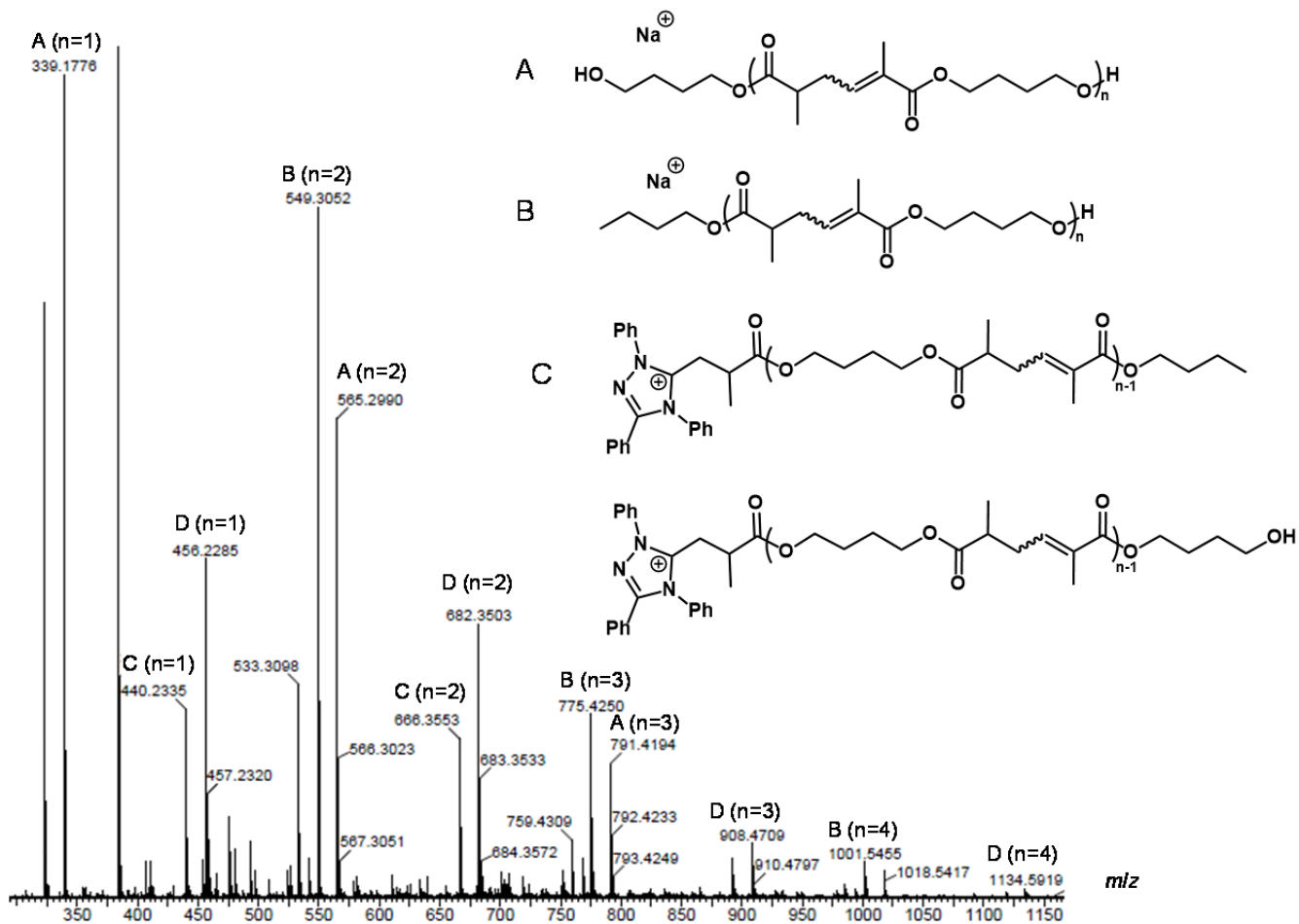


Figure S15. ESI-MS spectrum of the polymer obtained from *n*BMA and **9**.

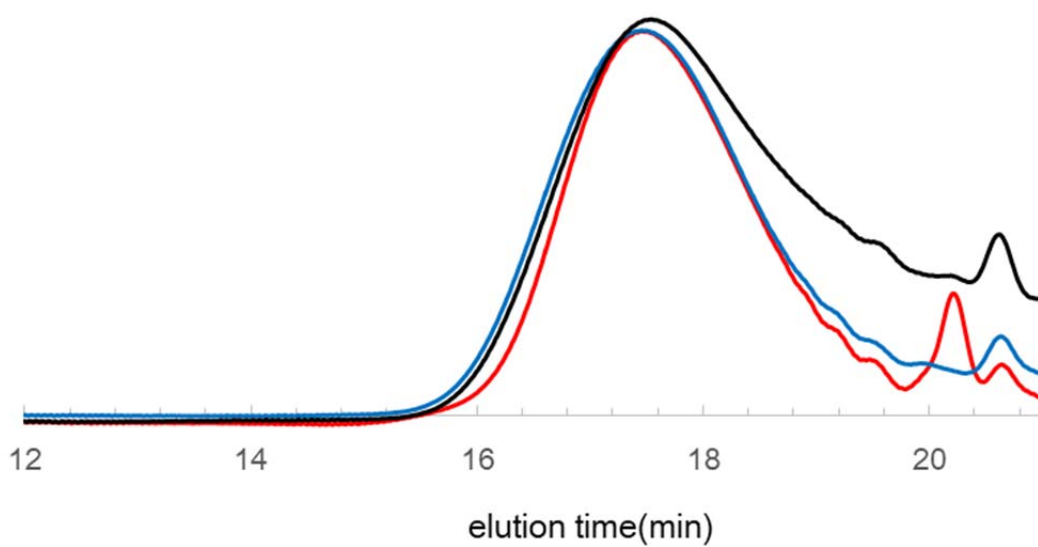


Figure S16. SEC curves of Poly1 (Table 1)

(black line; TPT-MeOH 10 mol%, entry 5, blue line; TPT-MeOH 5 mol%, entry 6,

red line ; TPT-MeOH 2 mol%, entry 4) .