

Supporting Information

# Diblock, Triblock and Cyclic Amphiphilic Copolymers with CO<sub>2</sub> Switchability: Effects of Topology

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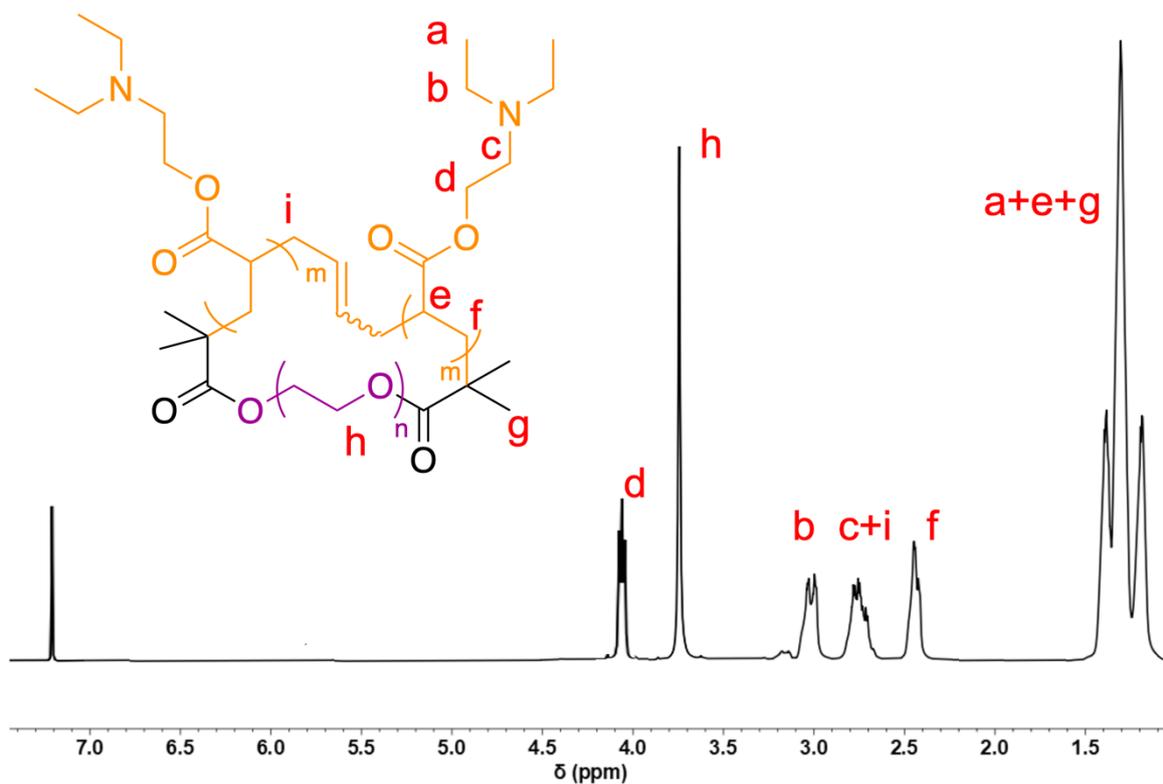


Figure S1. <sup>1</sup>H NMR spectrum of polymer 1. CCID<sub>3</sub> was used as solvent.

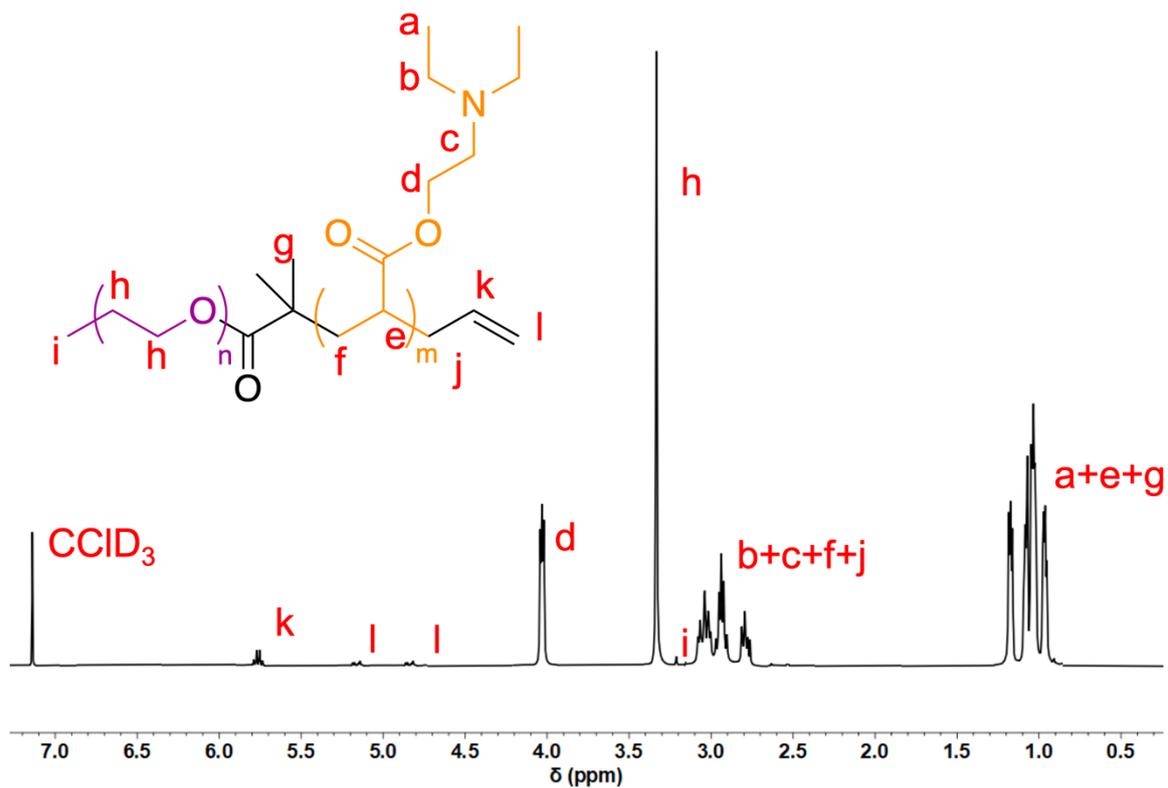


Figure S2.  $^1\text{H}$  NMR spectrum of polymer 2. CCl<sub>3</sub> was used as solvent.

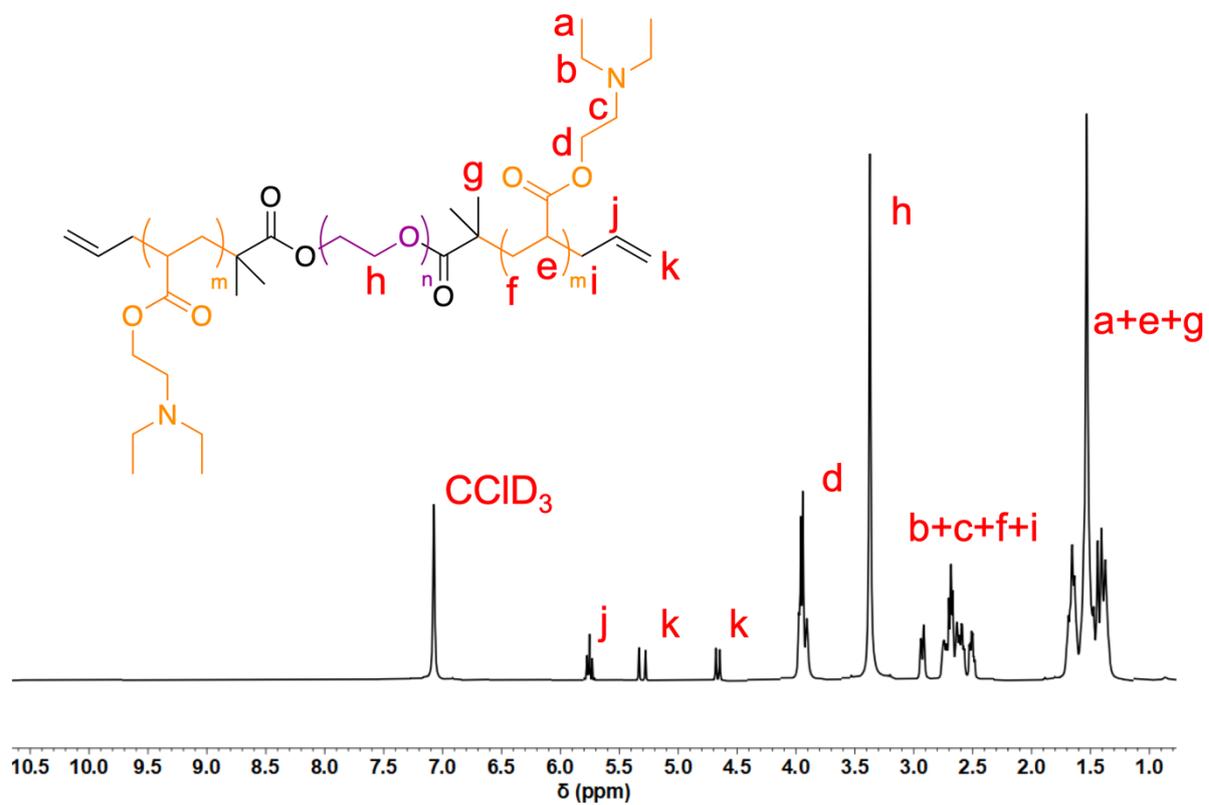
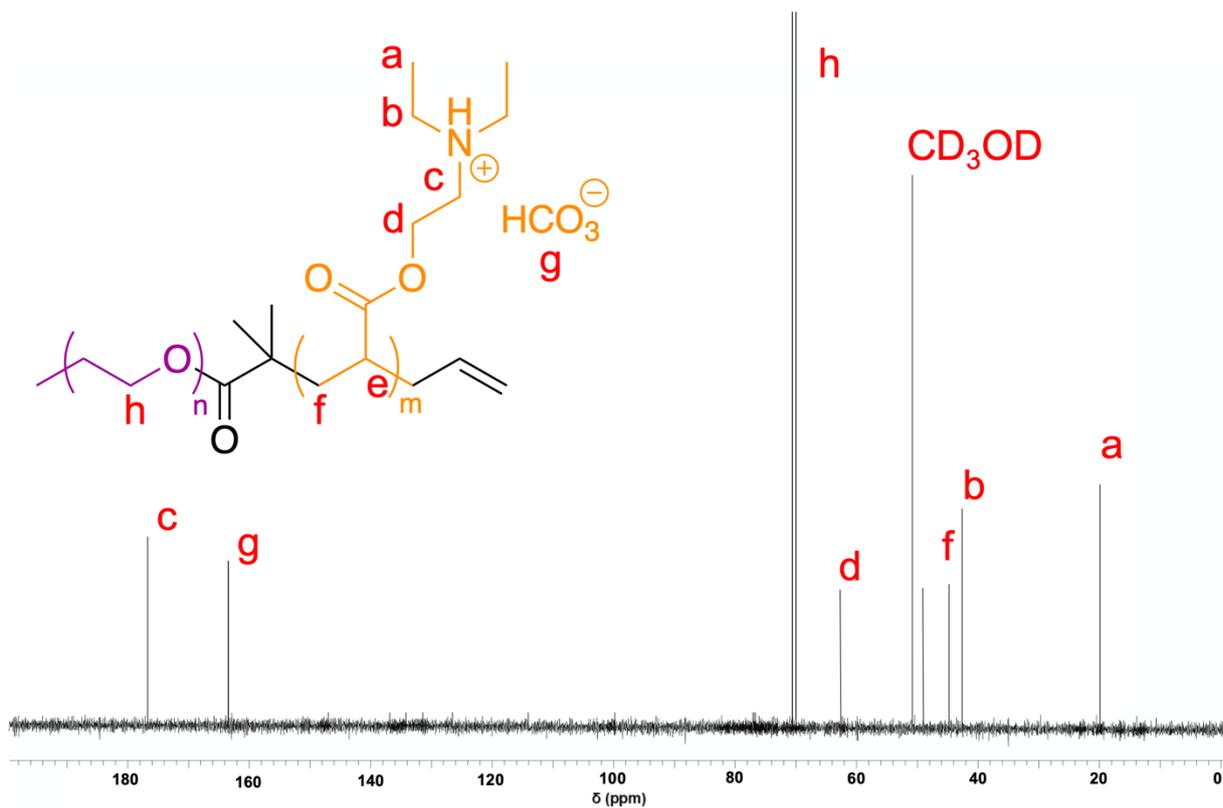


Figure S3.  $^1\text{H}$  NMR spectrum of polymer 3. CCl<sub>3</sub> was used as solvent.



**Figure S4.**  $^1\text{H}$  NMR spectrum of protonated polymer 2 by  $\text{CO}_2$  and  $\text{H}_2\text{O}$ .  $\text{CD}_3\text{OD}$  was used as solvent.