

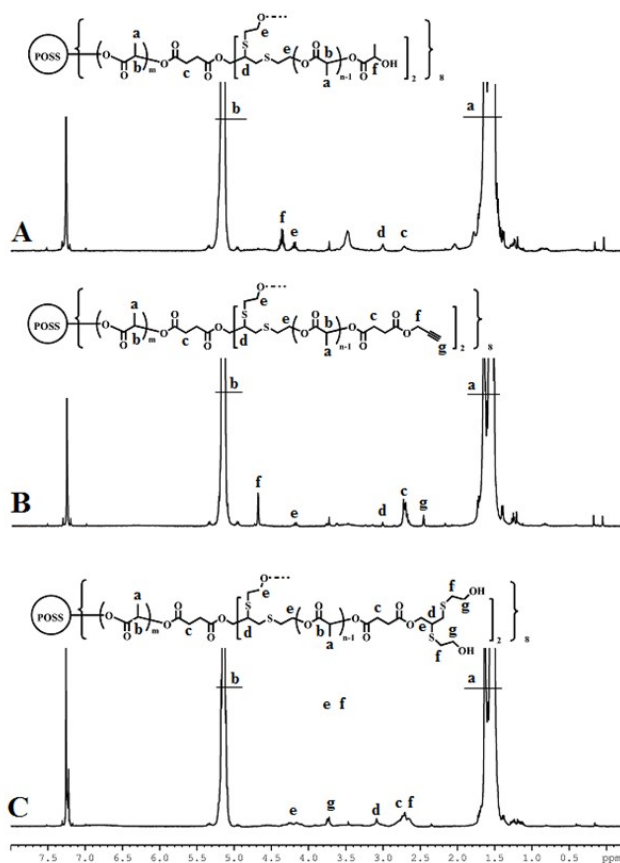
## Supporting Information

### Synthesis and Unimolecular Micelles of Amphiphilic Copolymer with Dendritic Poly(L-lactide) Core and Poly(ethylene oxide) shell for Drug Delivery

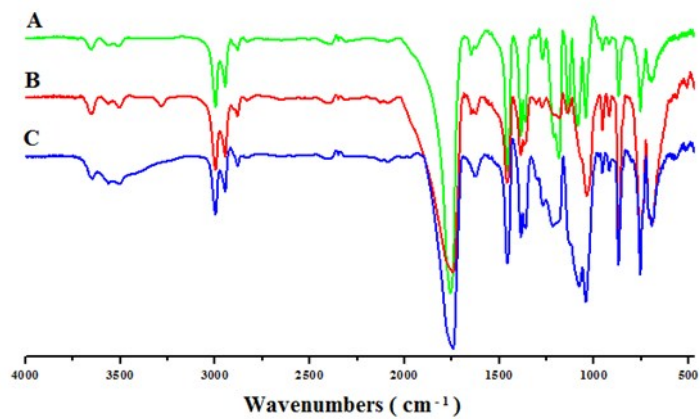
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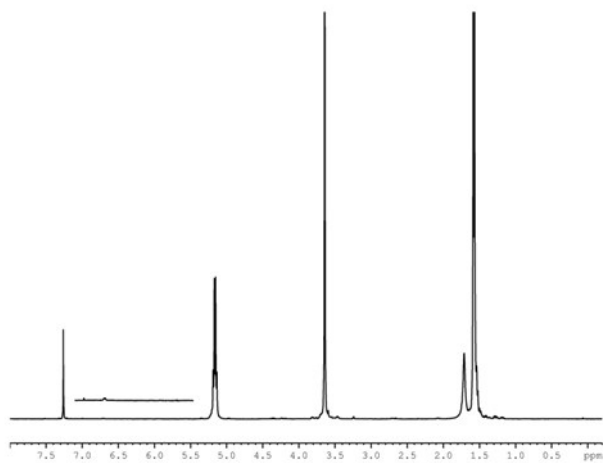
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**Figure S1.** <sup>1</sup>H NMR spectra of POSS-(G<sub>2</sub>-PLLA-OH)<sub>8</sub> (A), POSS-(G<sub>2</sub>-PLLA-alkyne)<sub>8</sub> (B) and POSS-(G<sub>2</sub>-PLLA-2OH)<sub>8</sub> (C) in CDCl<sub>3</sub>.



**Figure S2.** FT-IR spectra of POSS-(*G*<sub>1</sub>-PLLA-OH)<sub>8</sub> (A), POSS-(*G*<sub>1</sub>-PLLA-alkyne)<sub>8</sub> (B) and POSS-(*G*<sub>1</sub>-PLLA-2OH)<sub>8</sub> (C).



**Figure S3.** <sup>1</sup>H NMR spectra of POSS-(*G*<sub>3</sub>-PLLA-b-PEO-COOH)<sub>8</sub> in CDCl<sub>3</sub>.