

Supporting Information:

ϵ -methacryloyl-L-Lysine based polypeptides and their thiol-ene click functionalization

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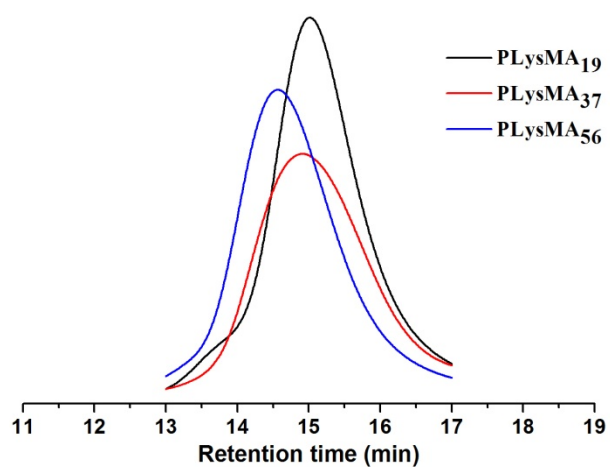


Figure S1. GPC traces of PLysMA with different ratios of monomer to initiator: LysMA-NCA/n-hexylamine (mol/mol) = 20 (PLysMA₁₉), 40 (PLysMA₃₇), 60 (PLysMA₅₆).

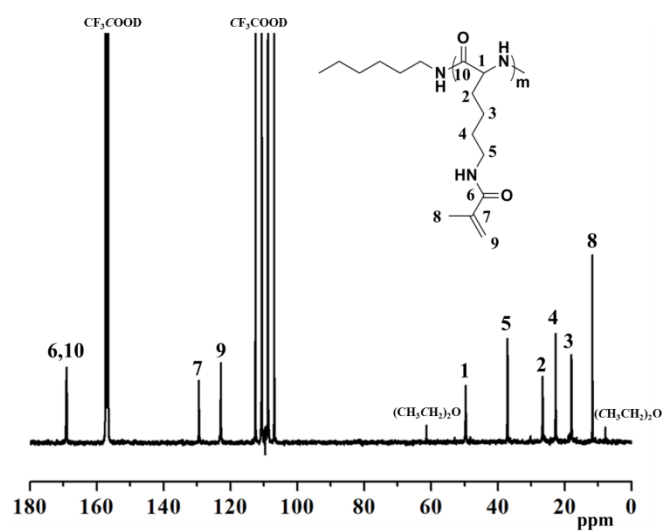


Figure S2. ^{13}C NMR spectrum (600 MHz) of PLysMA₅₆ in $\text{CF}_3\text{CO}_2\text{D}$.

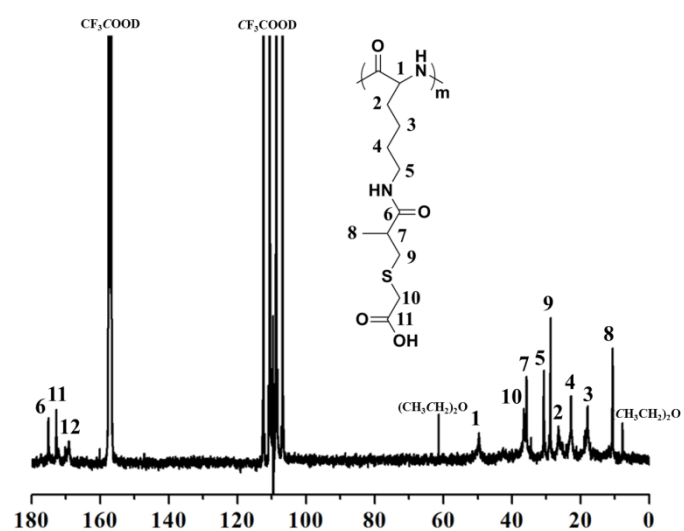


Figure S3. ^{13}C NMR spectrum of $(\text{PLysMA-TGA})_{45}$ in $\text{CF}_3\text{CO}_2\text{D}$.

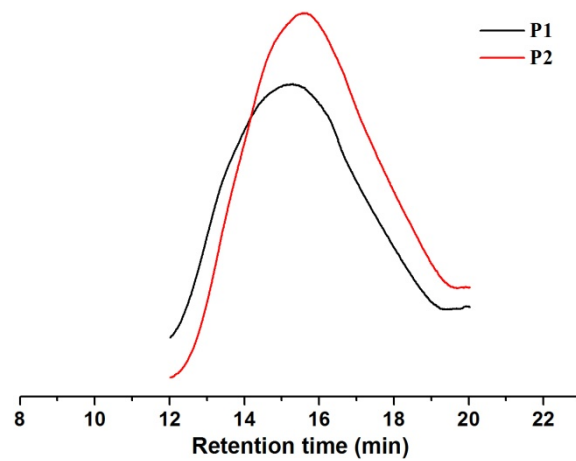


Figure S4. GPC traces of the diblock polypeptides: PLysMA₂₃-*b*-(PPLG-*g*-MEO₃)₂₆ (P1), (PLysMA-*g*-BM)₂₃-*b*-(PPLG-*g*-MEO₃)₂₆ (P2).