

Supporting Information

Water-Soluble Poly(γ -propargyl-L-glutamate) Containing Pendant Sulfonate Ions and Terminal Fluorophore: Aggregation-Enhanced Emission and Secondary Structure

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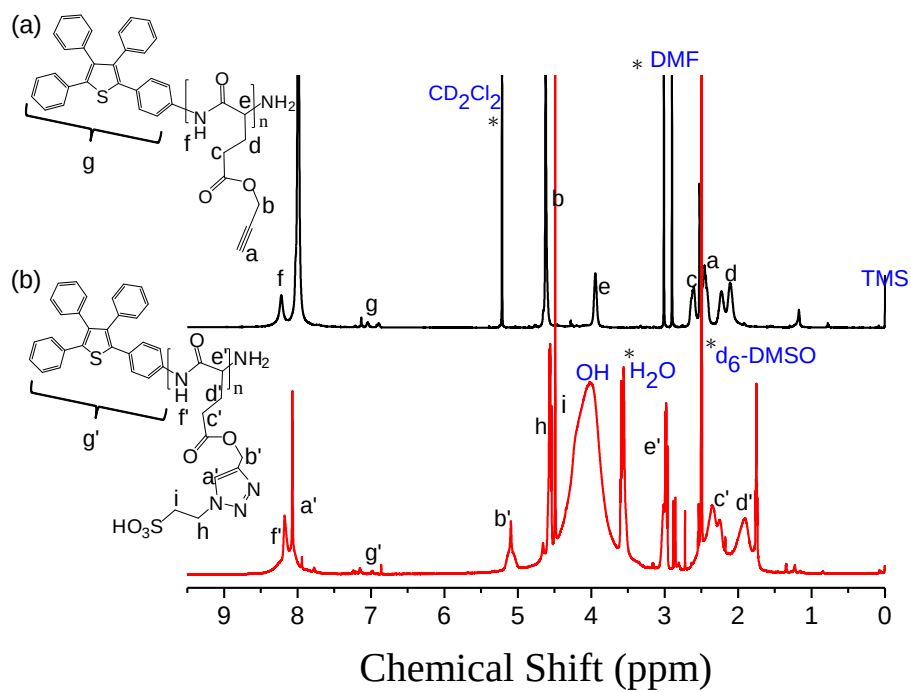


Figure S1 ^1H NMR spectra of (a) TP-PPLG(H) (in $\text{CD}_2\text{Cl}_2 + 15 \text{ vol } \% \text{ TFA}$) and (b) the protonated TP-iPPLG(H) (in d_6 -DMSO).

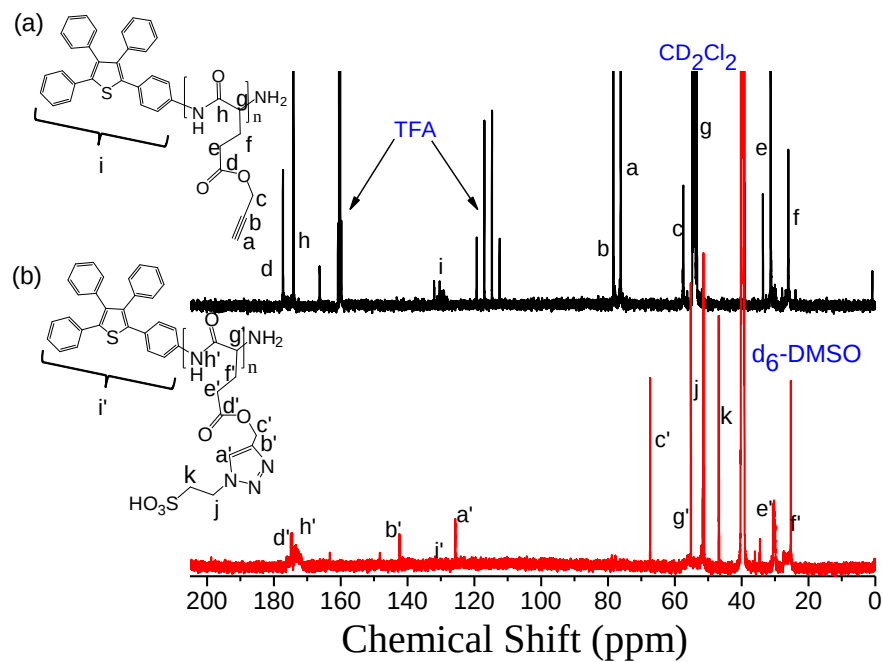


Figure S2 ^{13}C NMR spectra of (a) TP-PPLG(H) (in $\text{CD}_2\text{Cl}_2 + 15\% \text{ TFA}$) and (b) the protonated TP-iPPLG(H) (in $d_6\text{-DMSO}$).

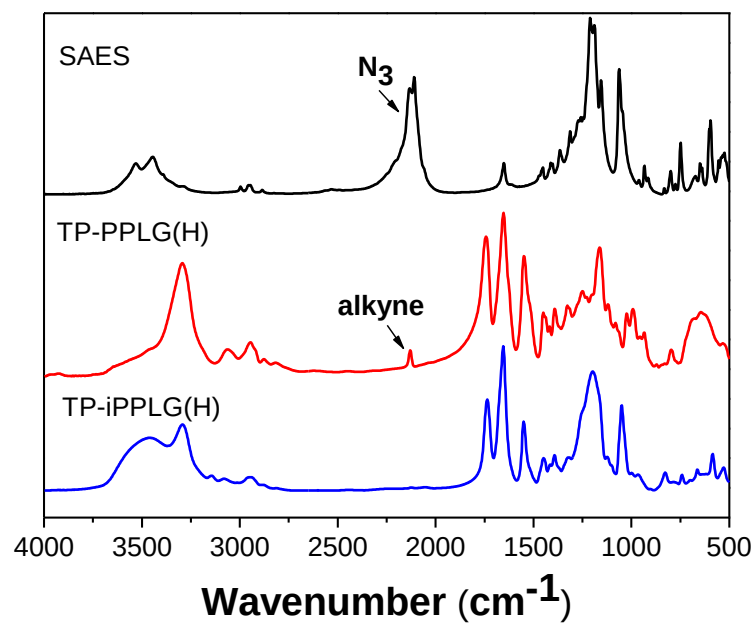


Figure S3 Solid FTIR spectra of SAES, TP-PPLG(L), and TP-iPPLG(L).

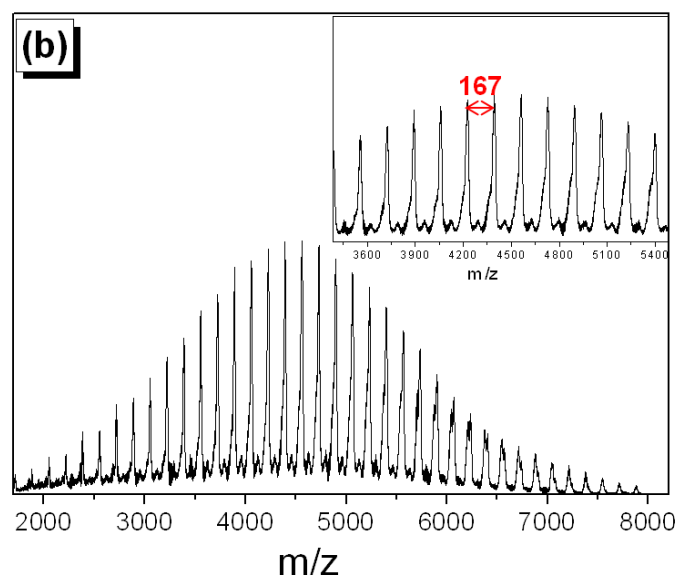
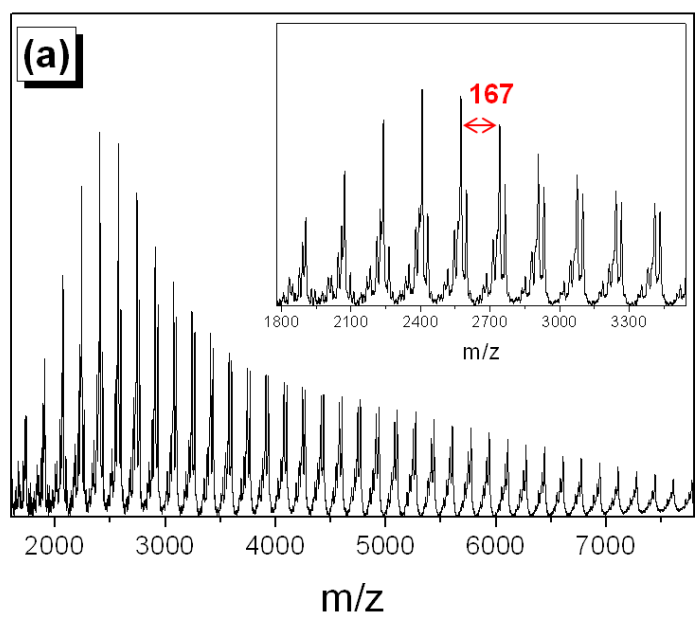


Figure S4 MALDI-TOF mass spectra of (a) TP-PPLG(L), and (b)
TP-PPLG(H)

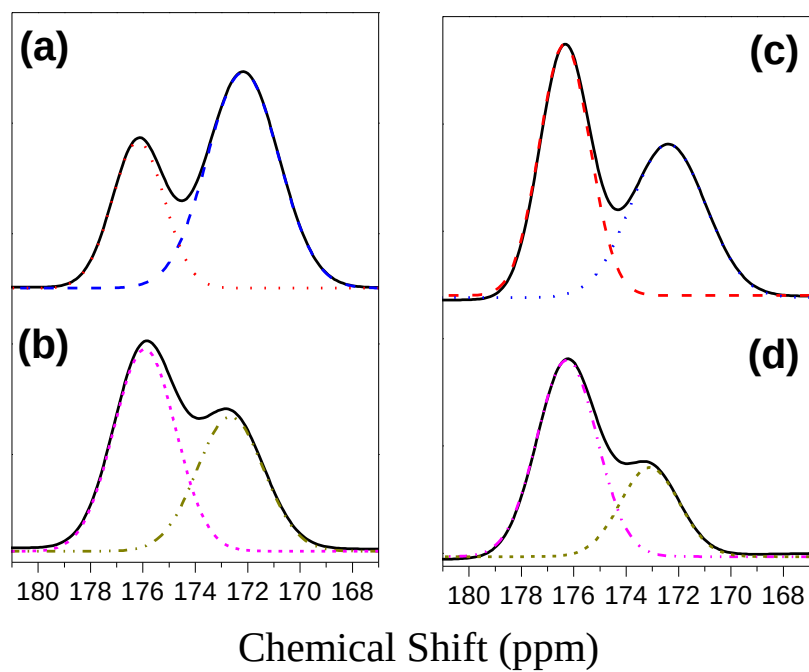


Figure S5 Curve fitting data from the solid state ^{13}C NMR spectra of (a) TP-PPLG(L), (b) TP-iPPLG(L), (c) TP-PPLG(H), and (d) TP-iPPLG(H)

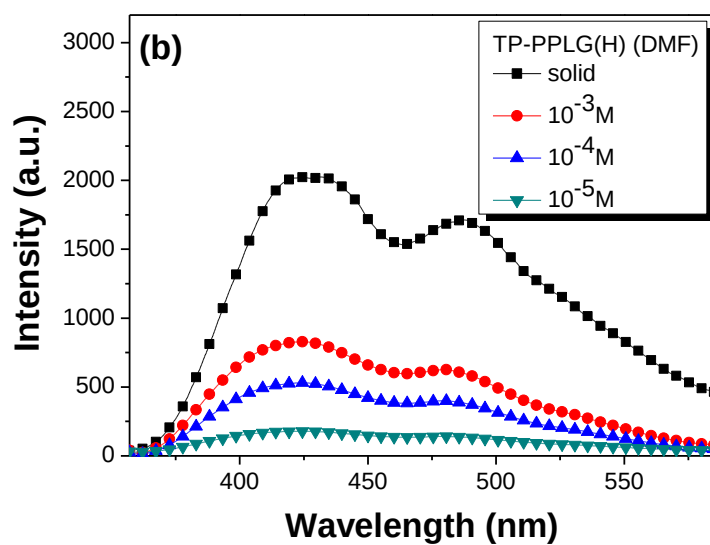
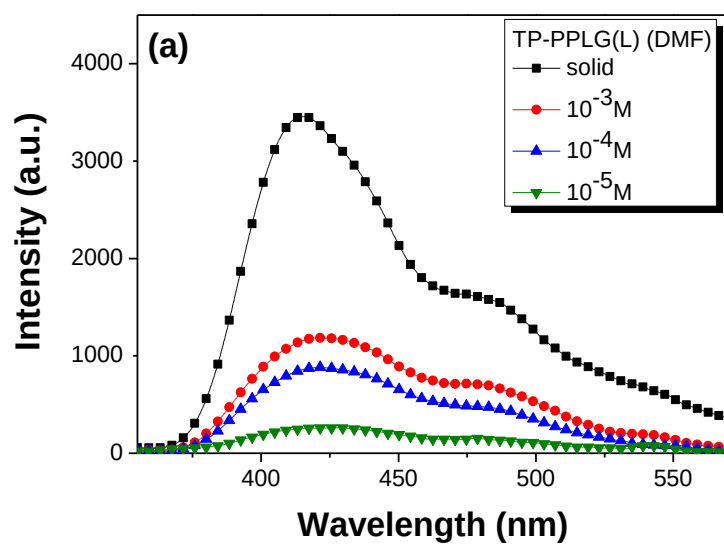


Figure S6 Concentration effect on the PL emission spectra of (a) TP-PPLG(L), and (b) TP-PPLG(H) solutions and solids. ($\lambda_{\text{ex}} = 325 \text{ nm}$).

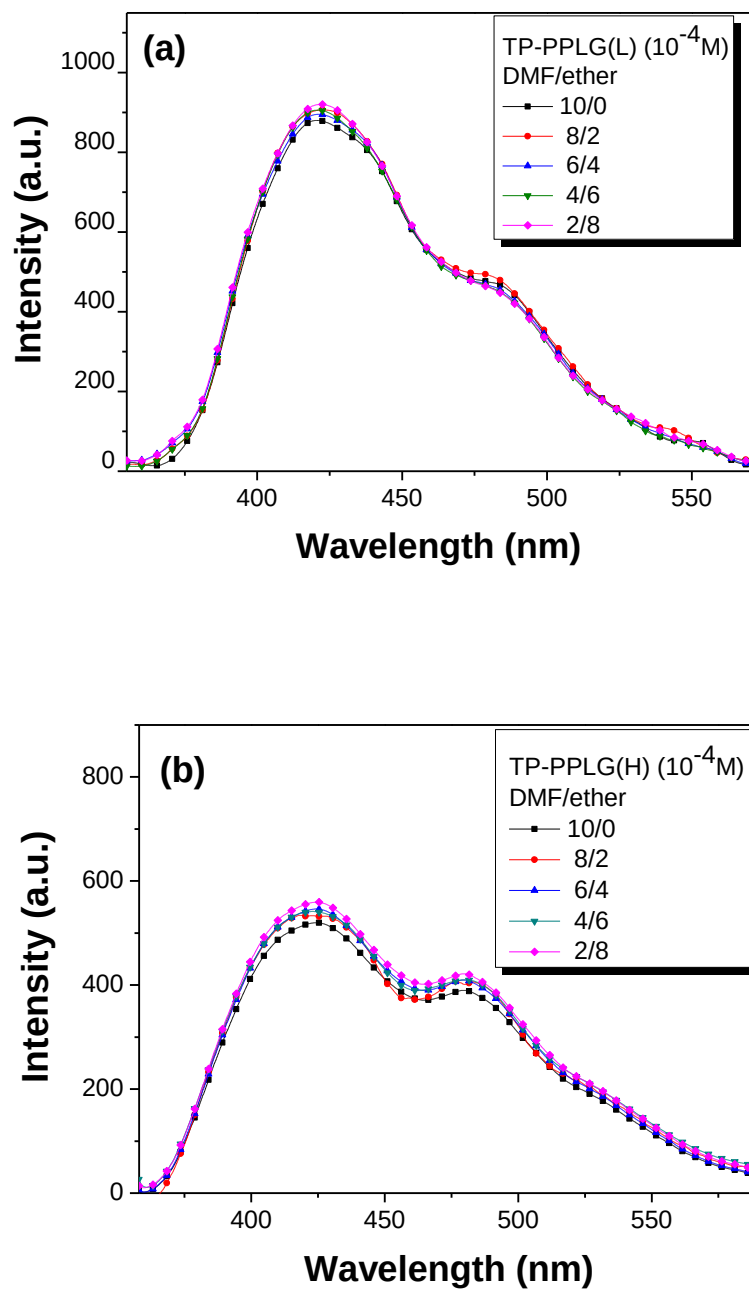


Figure S7 Emission spectra of (a) TP-PPLG(L), and (b) TP-PPLG(H) in DMF/ether mixtures of different compositions. ($\lambda_{\text{ex}} = 325$ nm).