

Supporting Information

Amphiphilic PEG-*b*-PFPE-*b*-PEG triblock copolymer: Synthesis by CuAAC click chemistry and self-assembly in water

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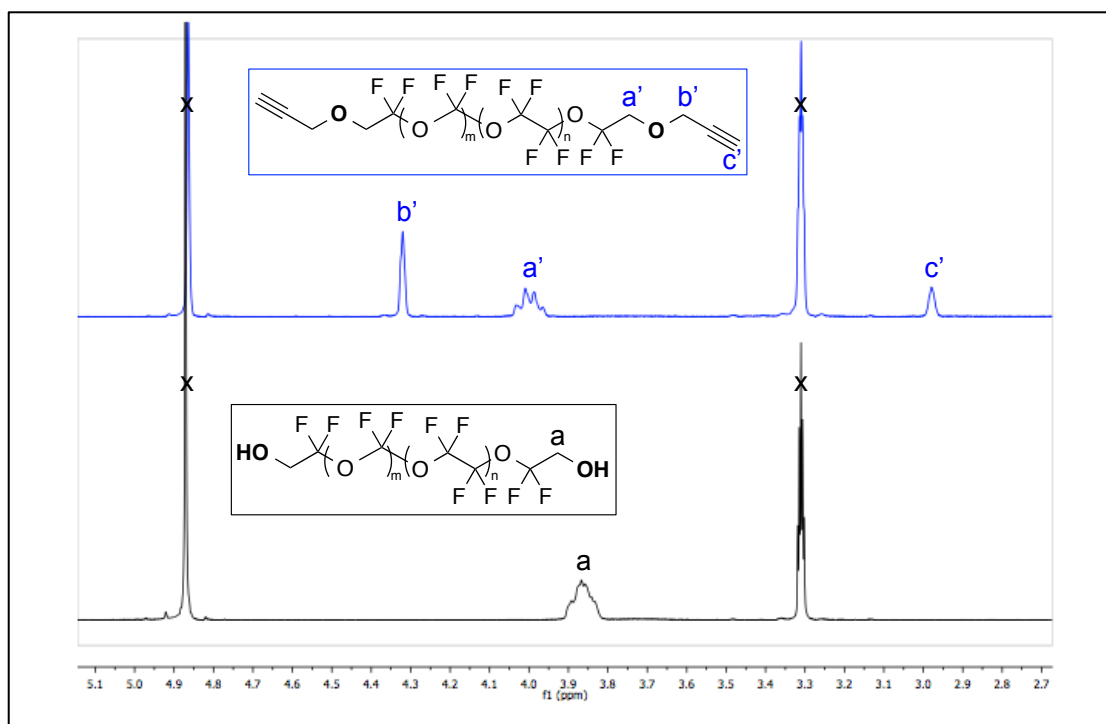


Figure S1. ^1H NMR spectra overlay of poly(tetrafluoroethylene oxide-*co*-difluoromethylene oxide)- α,ω -diol (Fomblin® Z-DOL, bottom spectrum) and PFPE-diyne **1** (top spectrum) recorded in CD_3OD .

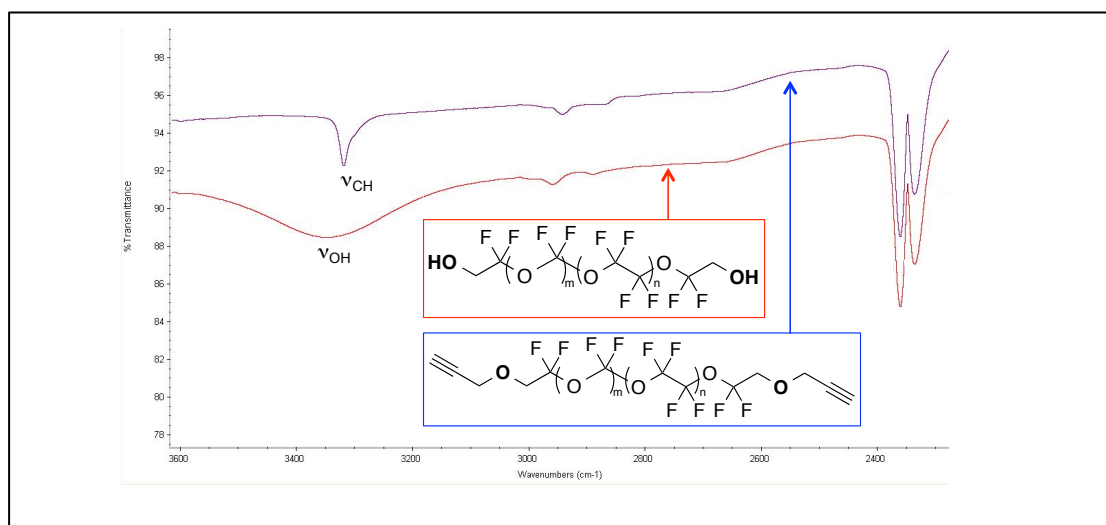


Figure S2. FTIR spectra overlay of poly(tetrafluoroethylene oxide-*co*-difluoromethylene oxide)- α,ω -diol (Fomblin® Z-DOL, bottom spectrum) and PFPE-diyne **1** (top spectrum).

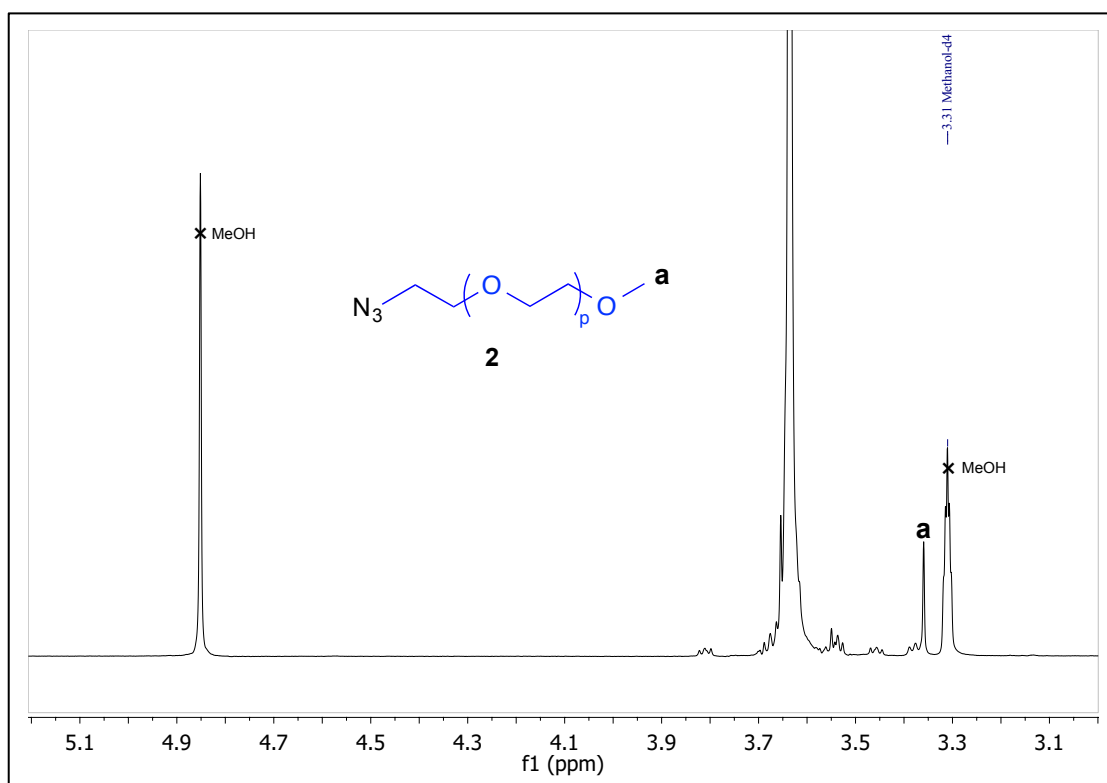


Figure S3. ^1H NMR spectrum of PEG-azide **2** recorded in CD_3OD .

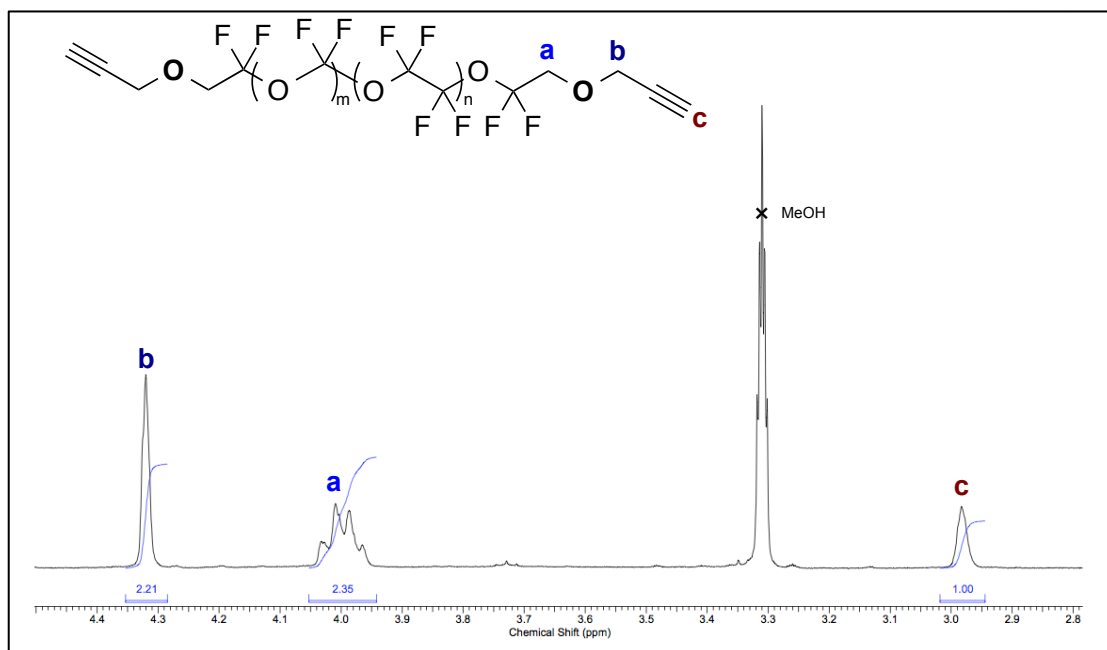


Figure S4. ^1H NMR spectrum of PFPE-diyne **1** recorded in CD_3OD .

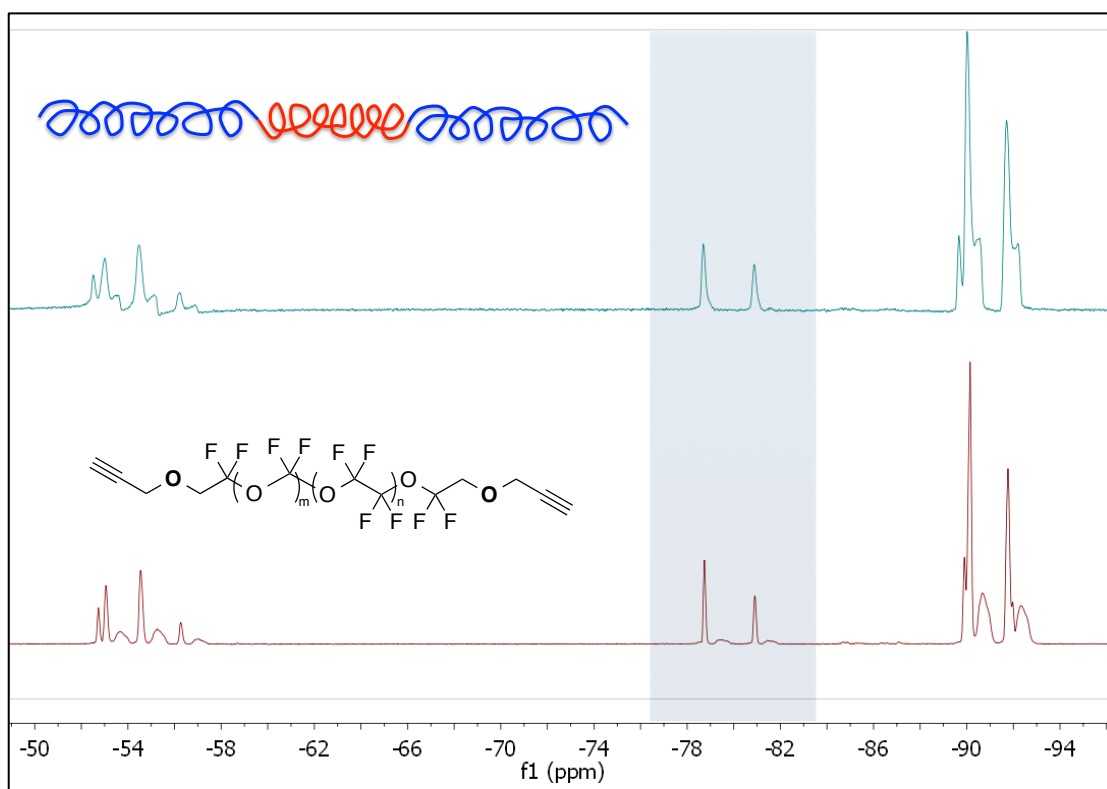


Figure S5. ^{19}F NMR spectra overlay of PEG-*b*-PFPE-*b*-PEG triblock copolymer (top spectrum) and PFPE-diyne **1** (bottom spectrum) recorded in CD_3OD .

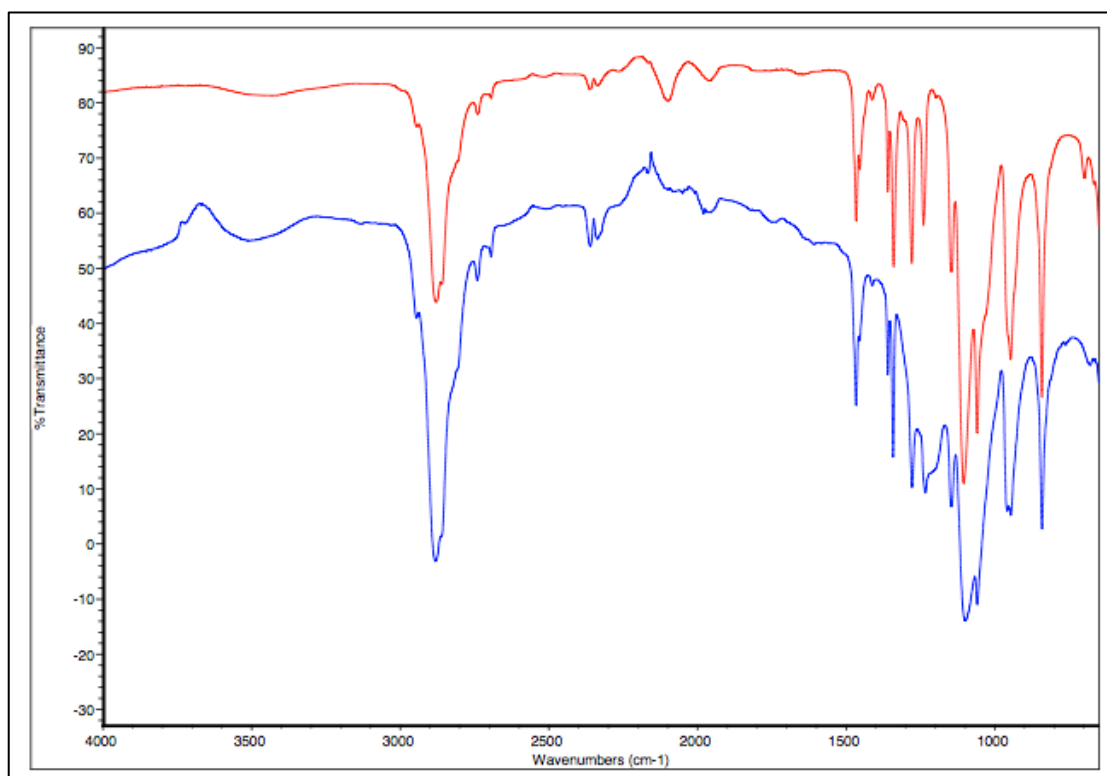


Figure S6. FTIR spectra overlay of PEG-*b*-PFPE-*b*-PEG triblock copolymer (blue spectrum) and PEG-azide **2** (red spectrum).

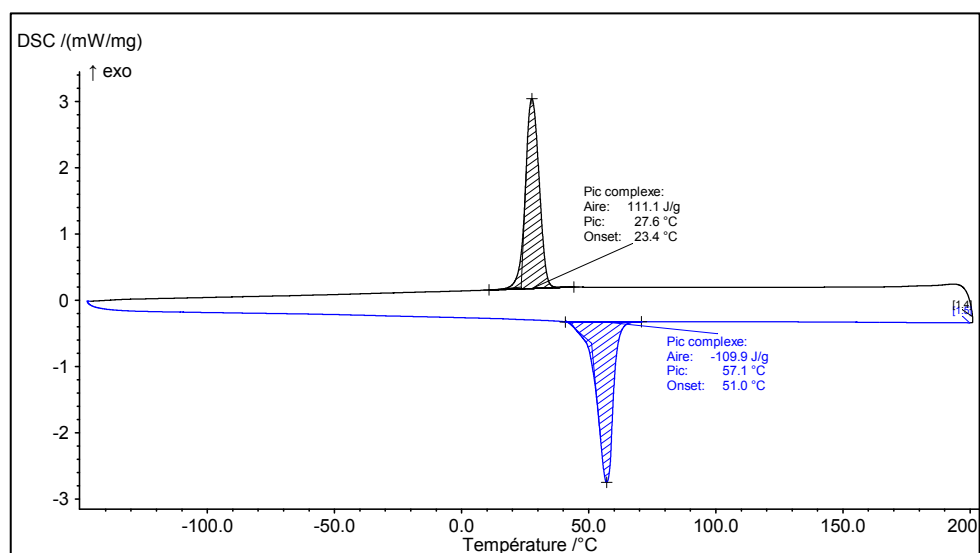


Figure S7. DSC thermogram for PEG-*b*-PFPE-*b*-PEG triblock copolymer.

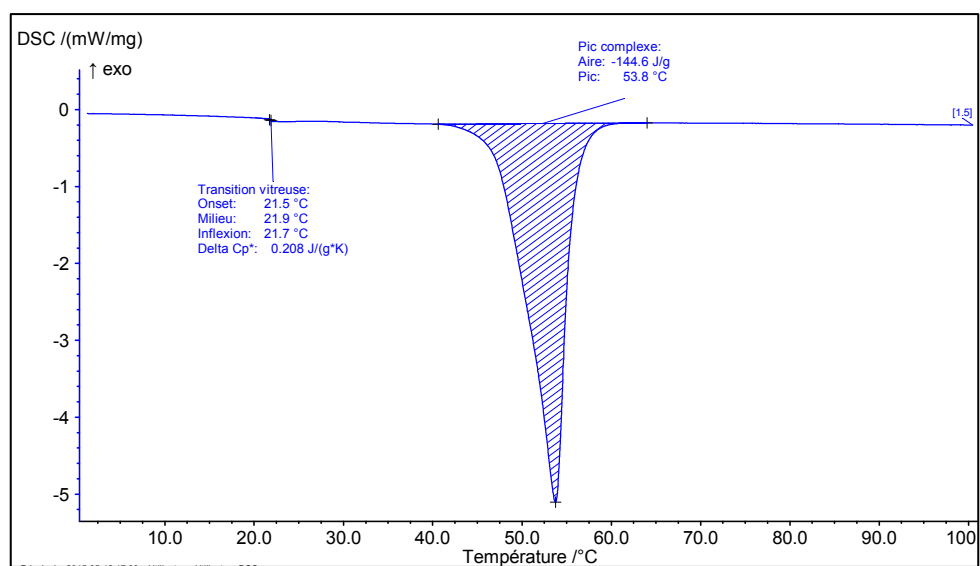


Figure S8. DSC thermogram for PEG-azide 2.

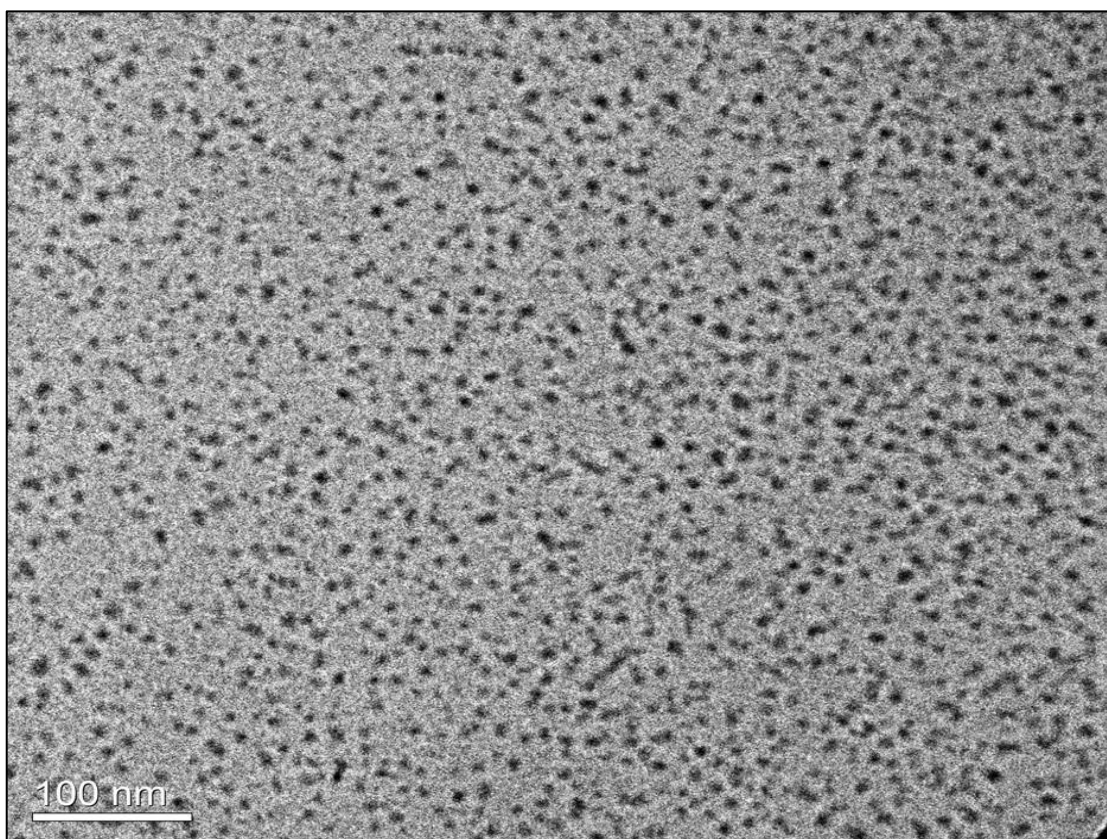


Figure S9. Cryo-TEM image of PEG₂₀₀₀-*b*-PFPE₁₂₀₀-*b*-PEG₂₀₀₀ triblock copolymer in aqueous solution at a concentration of 50 mg mL⁻¹.

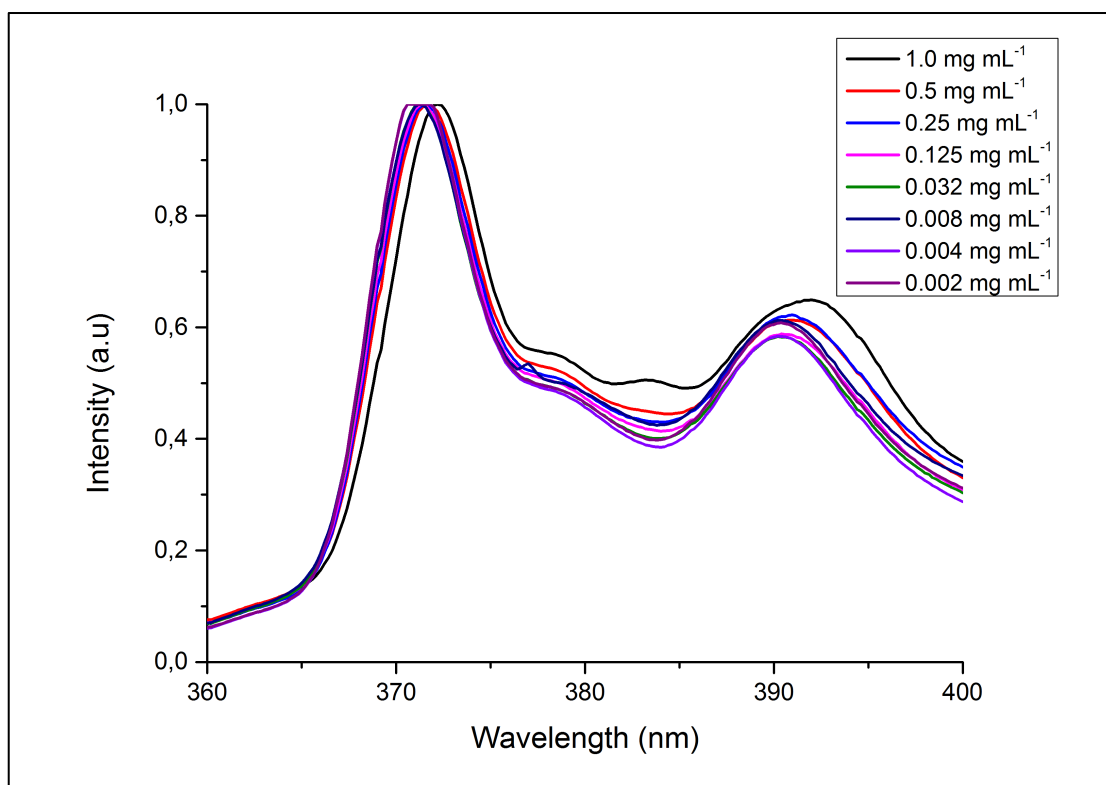


Figure S10. Plots of fluorescence vibronic intensities ratio (I_3/I_1) as a function of the triblock copolymer concentration as measured from emission spectra.