

Supporting Information for

Multicompartment Micelles from

Polyester-Containing ABC Miktoarm Star Terpolymers

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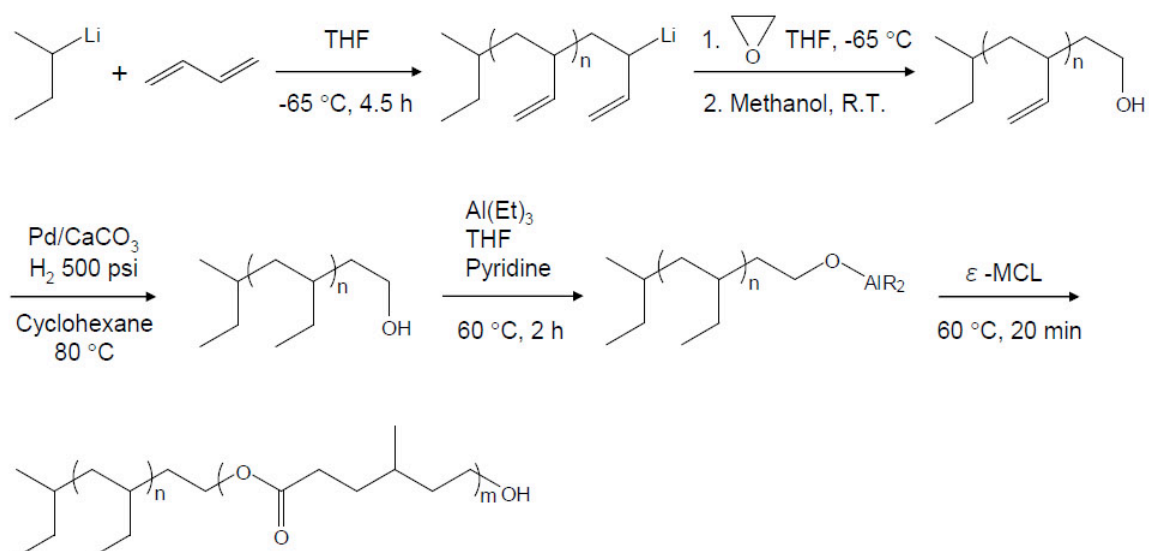


Figure S1. Synthetic route to PEE-PMCL block copolymers

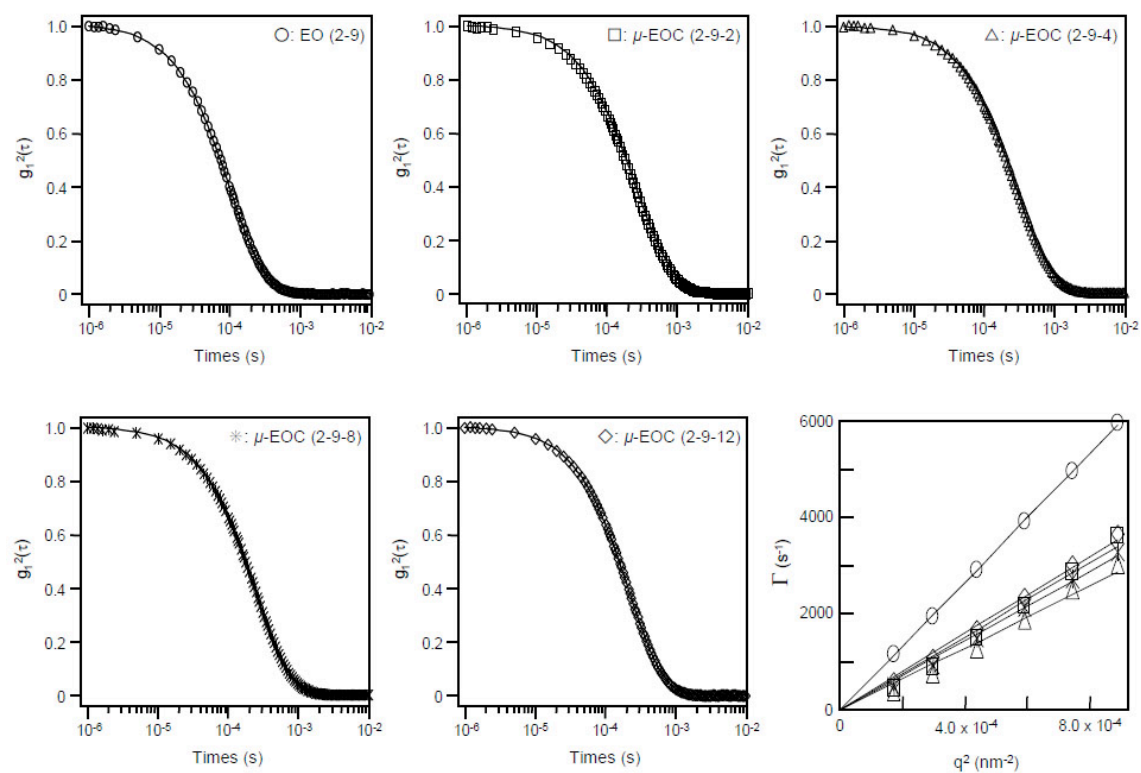
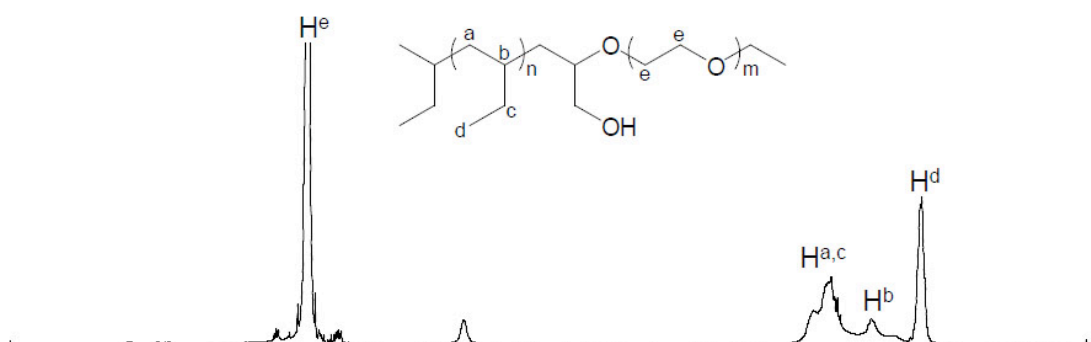


Figure S2. Normalized squared correlation functions (measured by DLS at $\theta = 90^\circ$ and 25 °C) for 1.0 wt % aqueous dispersions of the μ -EOC(2-9-x) terpolymers. The solid lines represent a fit of the data using cumulant fitting.

PEE-PEO(2-9)



μ -PEE-PEO-PMCL(2-9-2)

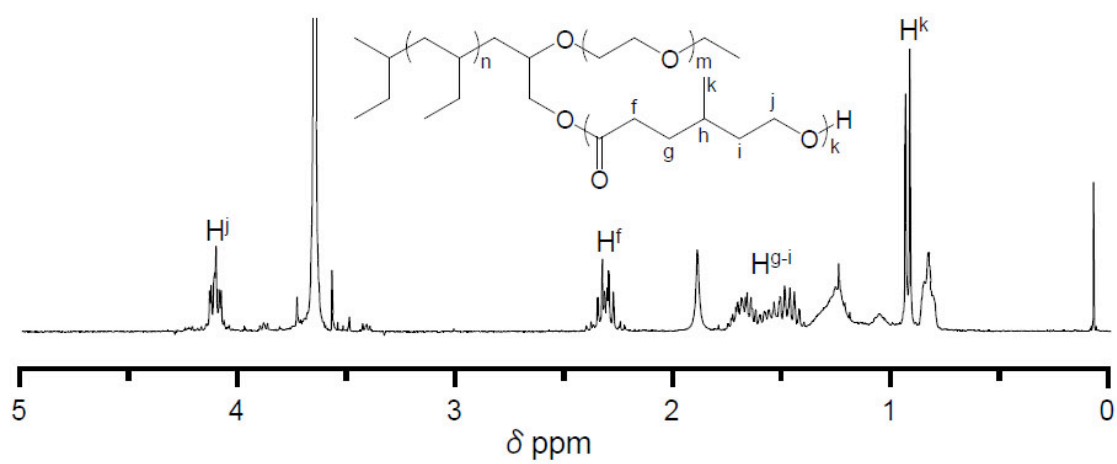


Figure S3. ^1H NMR spectra (CDCl_3 , R.T.) of PEE-PEO(2-9) and μ -EOC(2-9-2)

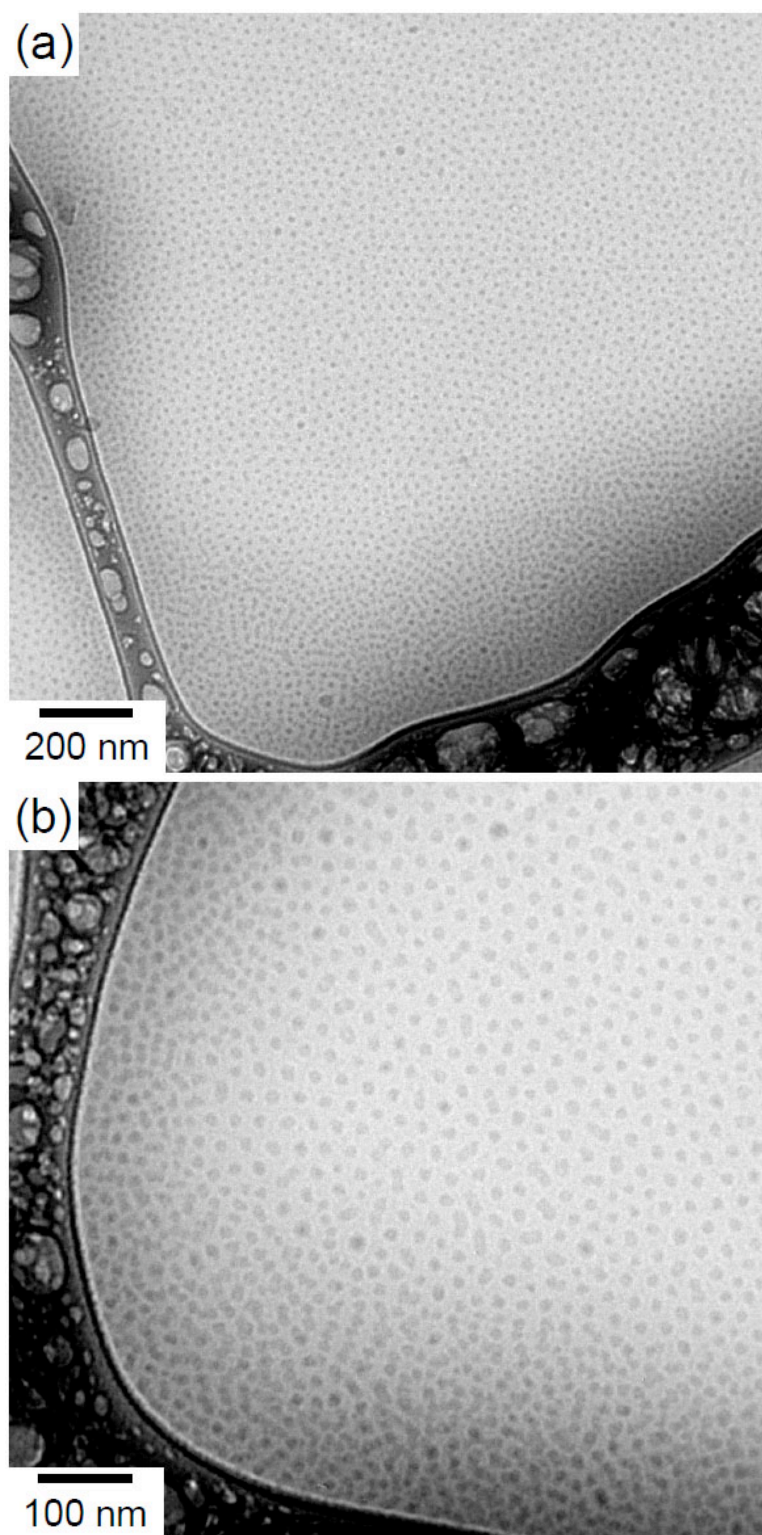


Figure S4. CryoTEM images of μ -EOC(2-9-2) micelles in 1 wt % aqueous solution after 10 weeks (prepared by the thin film technique).

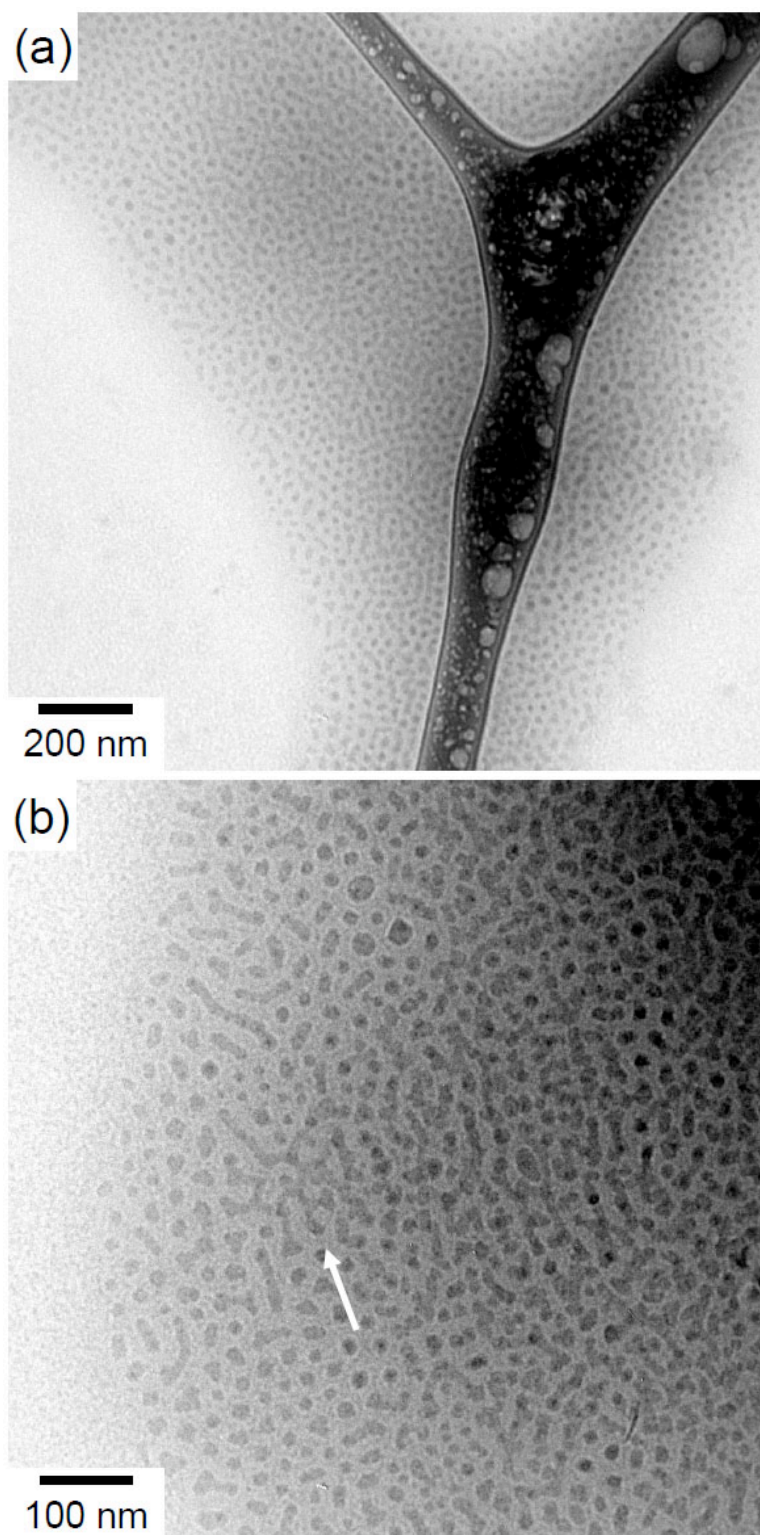


Figure S5. CryoTEM images of μ -EOC(2-9-4) micelles in 1 wt % aqueous solution after 10 weeks (prepared by the thin film technique).

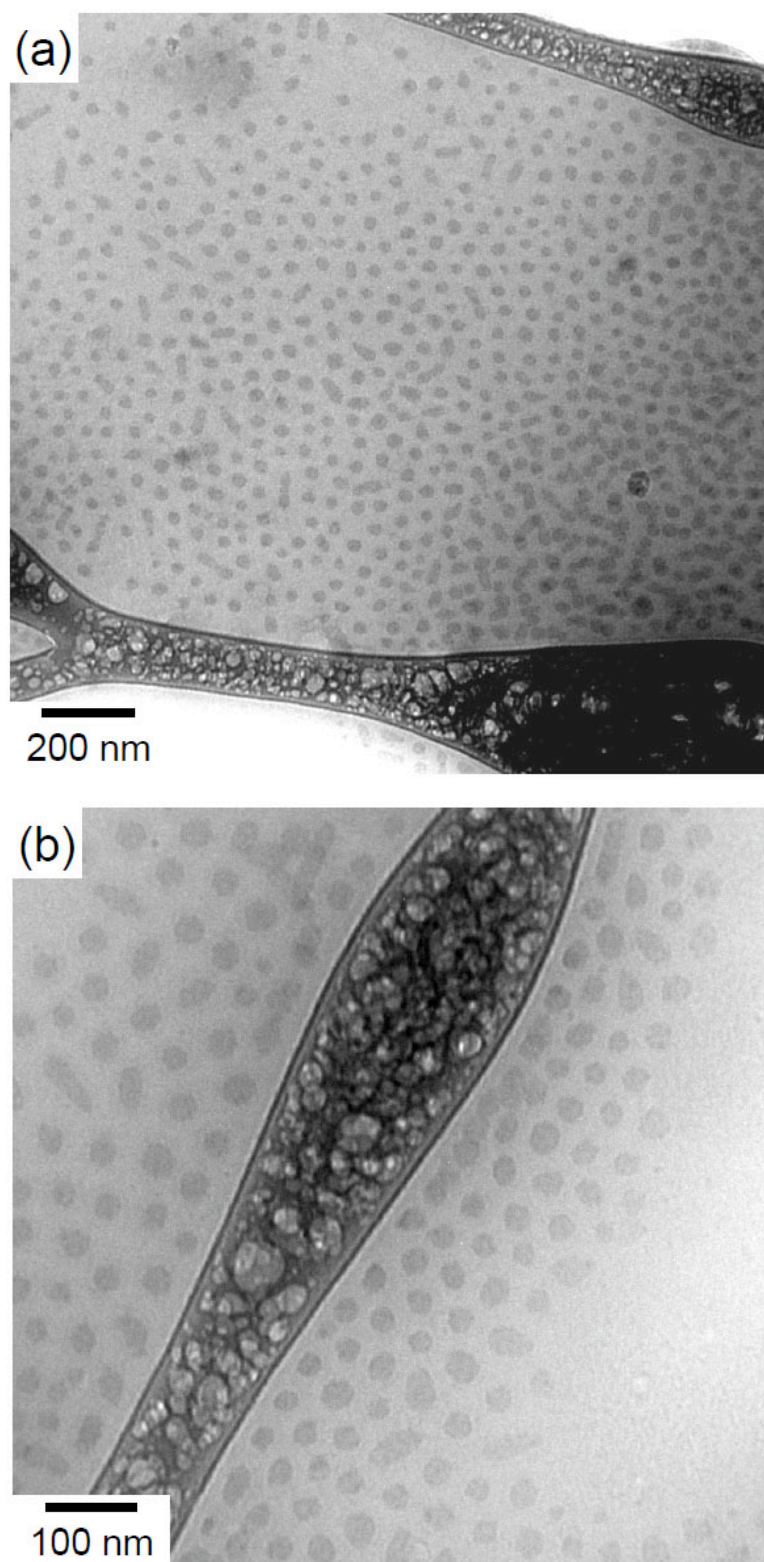


Figure S6. CryoTEM images of μ -EOC(2-9-8) micelles in 1 wt % aqueous solution after 10 weeks (prepared by the thin film technique).

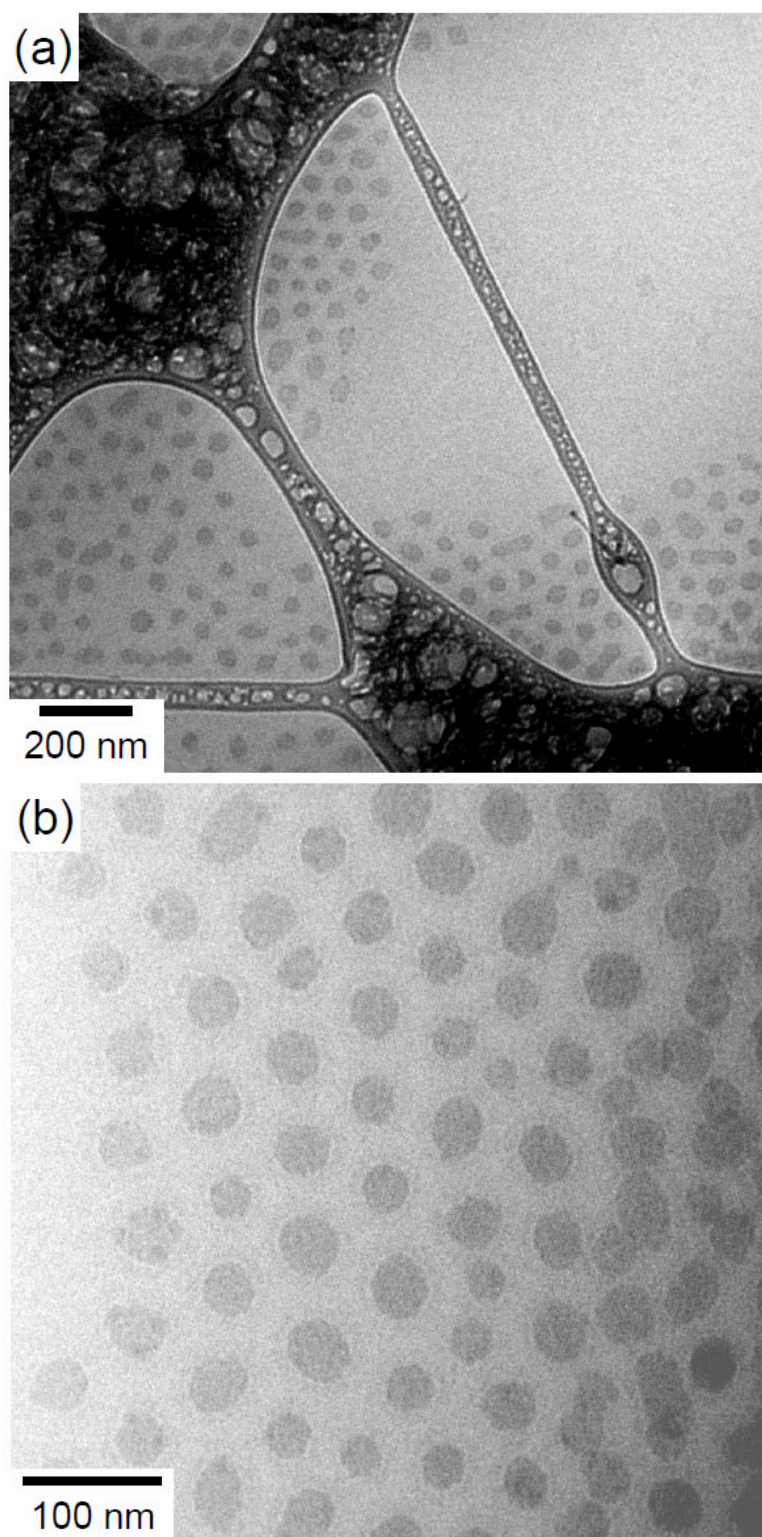


Figure S7. CryoTEM images of μ -EOC(2-9-12) micelles in 1 wt % aqueous solution after 10 weeks (prepared by the thin film technique).

PEE-OH(3K)



PEE-*b*-PMCL(3-2.7)

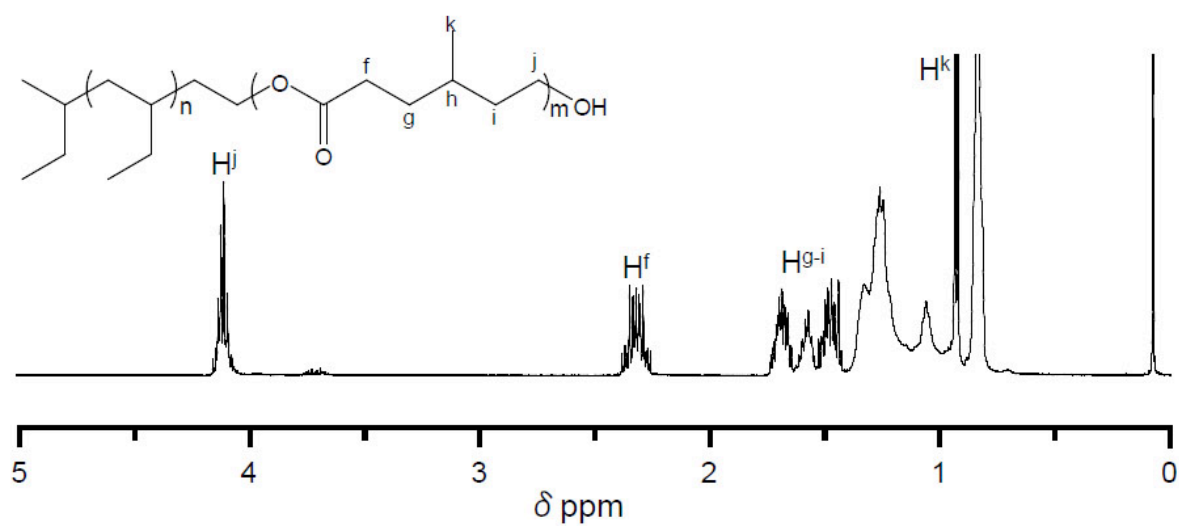


Figure S8. ¹H NMR spectra (CDCl₃, R.T.) of PEE-OH(3K) and PEE-*b*-PMCL(3-2.7)

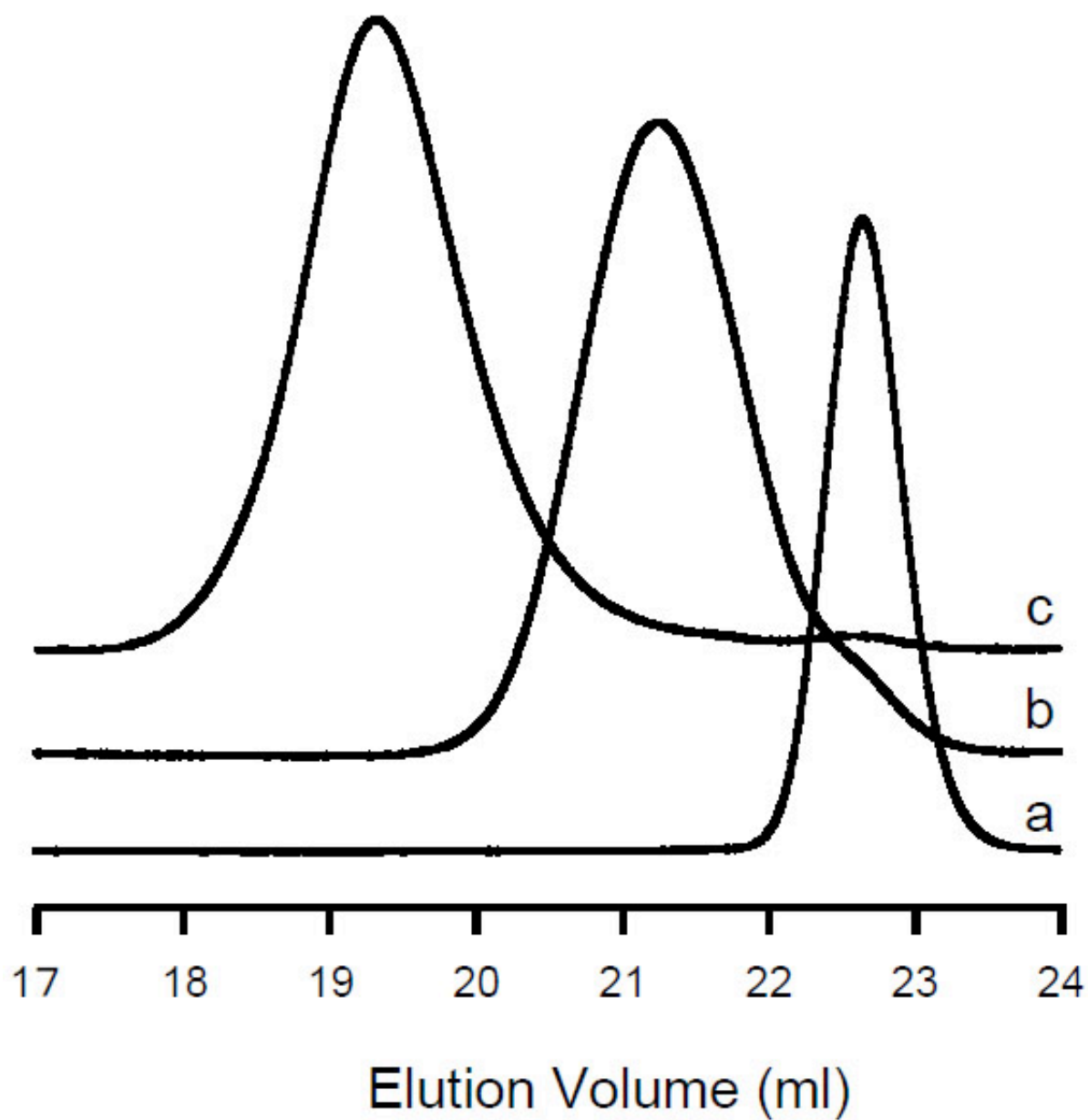


Figure S9. SEC traces of (a) PEE-OH(3K), (b) PEE-*b*-PMCL(3-2.7), and (c) PEE-*b*-PMCL(3-16) measured using PS standards and CHCl₃ as an eluent at 40 °C. M_w/M_n : (a) 1.04; (b) 1.22; (c) 1.35.