

Phloretic acid as an alternative to the phenolation of aliphatic hydroxyls for the elaboration of polybenzoxazine

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A Supporting information

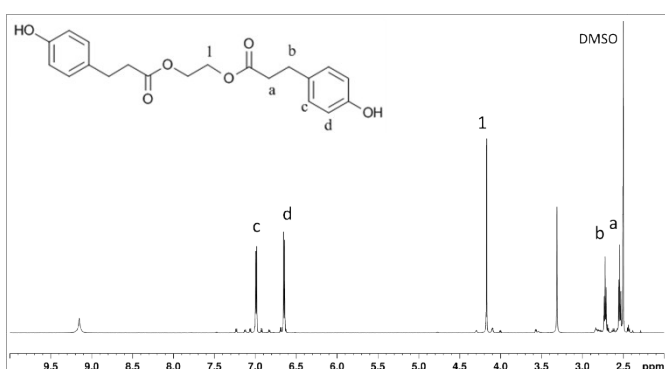


Figure S1 ¹H NMR spectrum (in DMSO-d₆) of PA-EG.

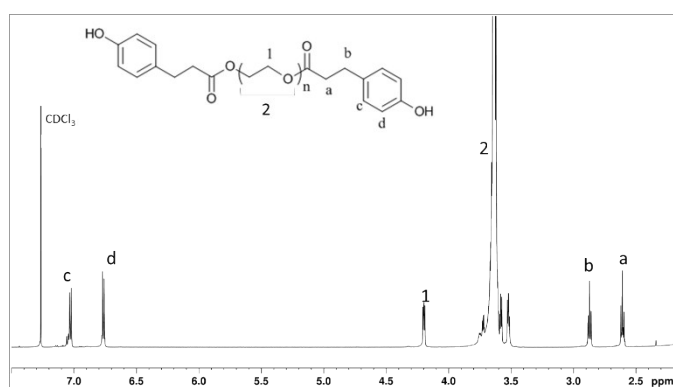


Figure S2 ¹H NMR spectrum (in CDCl₃) of PA-PEG₂₀₀₀

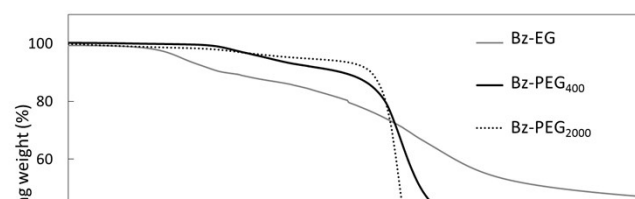


Figure S3 ¹H NMR spectrum (in DMSO-d₆) of Bz-EG

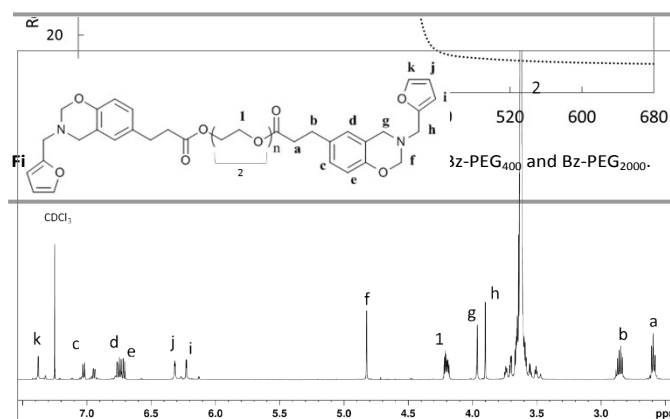
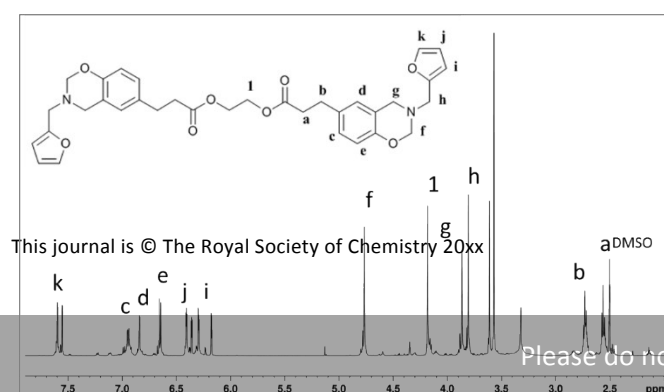
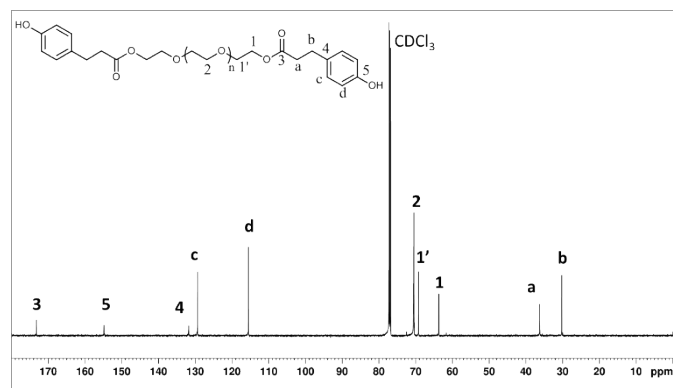
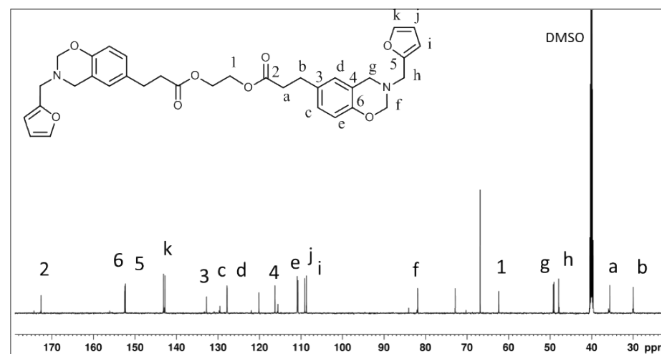
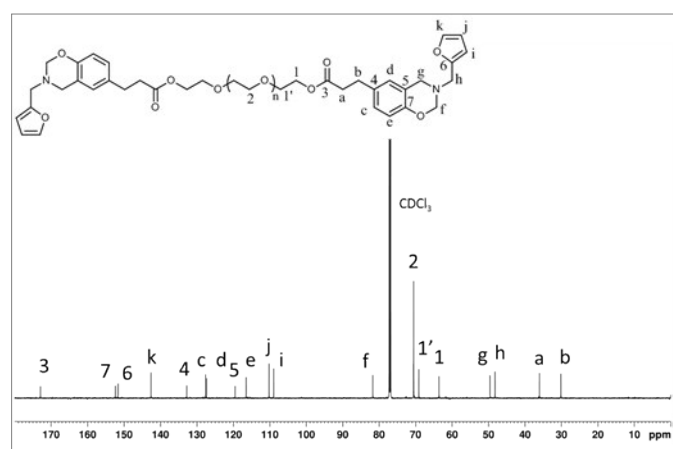
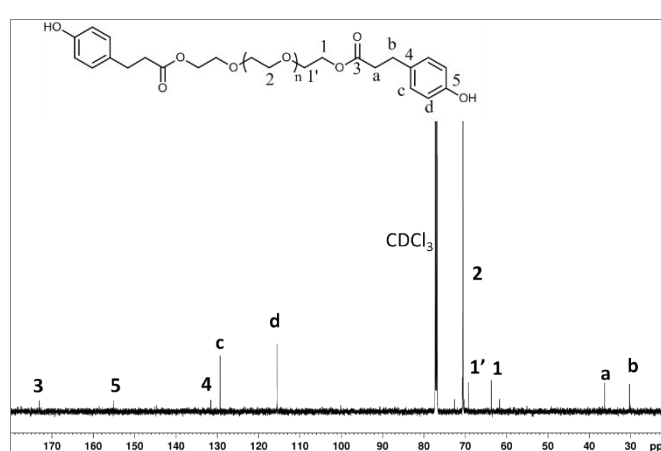
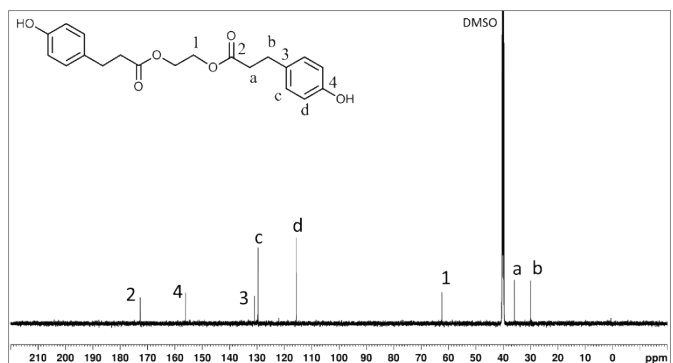


Figure S4 ¹H NMR spectrum (in CDCl₃) of Bz-PEG₂₀₀₀



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Figure S6 ^{13}C NMR spectrum (in CDCl_3) of PA-PEG₄₀₀Figure S9 ^{13}C NMR spectrum (in DMSO-d_6) of Bz-EG.Figure S7 ^{13}C NMR spectrum (in CDCl_3) of Bz-PEG₄₀₀Figure S10 ^{13}C NMR spectrum (in CDCl_3) of PA-PEG₂₀₀₀Figure S8 ^{13}C NMR spectrum (in DMSO-d_6) of PA-EG

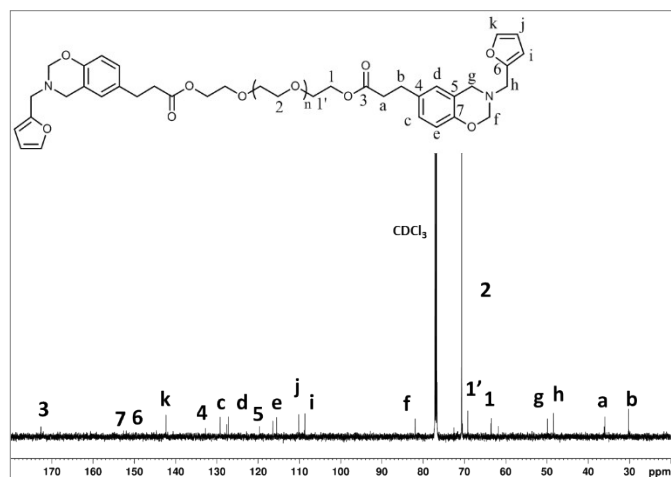


Figure S11 ^{13}C NMR spectrum (in CDCl_3) of Bz-PEG₂₀₀₀

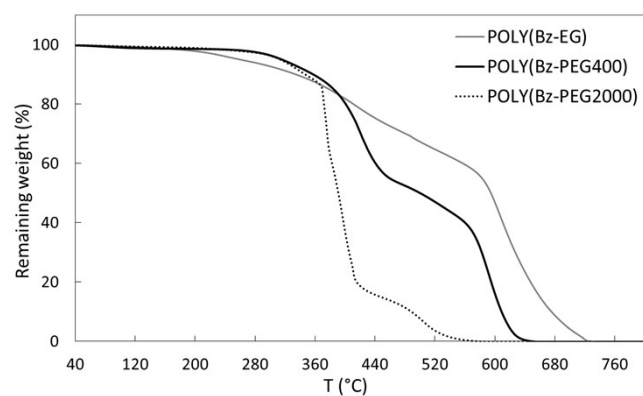


Figure S12 TGA (Air atmosphere $10\text{ }^\circ\text{C}\cdot\text{min}^{-1}$) of Poly(Bz-EG), Poly(Bz-PEG₄₀₀) and Poly(Bz-PEG₂₀₀₀).