

Supporting Information for “Photo-responsive reversible micelles based on azobenzene-modified poly(carbonate)s via Azide-Alkyne click chemistry”

Ding Hu, Yefei Li, Yile Niu, Ling Li, Jingwen He, Xiangyu Liu, Xinnian Xia,

Yanbing Lu*, Yuanqin Xiong and Weijian Xu

Institute of Polymer Science and Engineering, College of Chemistry & Chemical Engineering, Hunan University, Changsha 410082, China

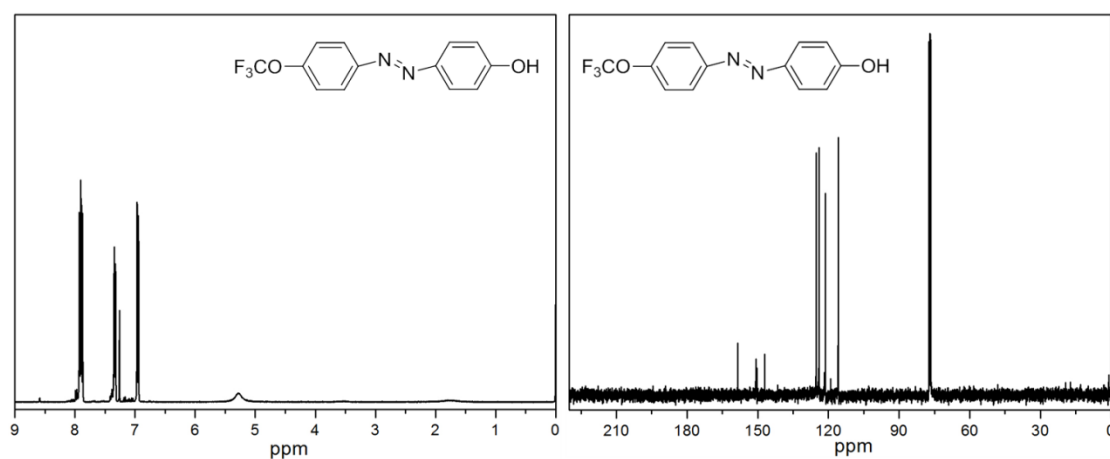


Fig. S1 ¹H and ¹³C NMR (in CDCl₃) spectra of compound 1

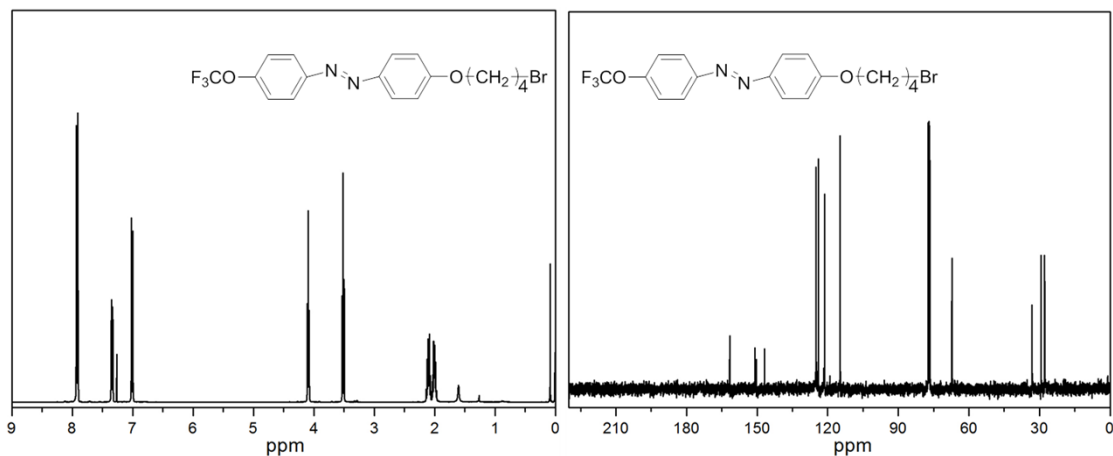


Fig. S2 ^1H and ^{13}C NMR (in CDCl_3) spectra of compound 2

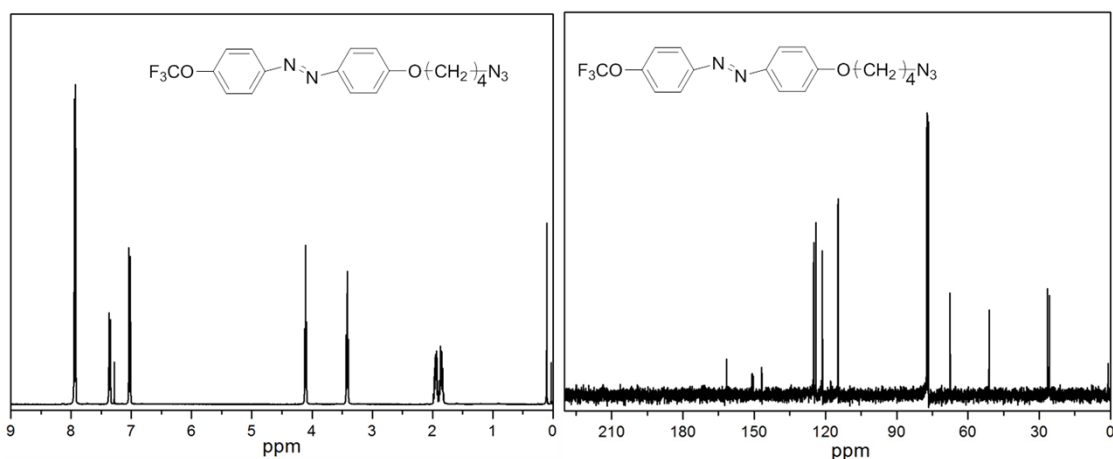


Fig. S3 ^1H and ^{13}C NMR (in CDCl_3) spectra of Azo- N_3

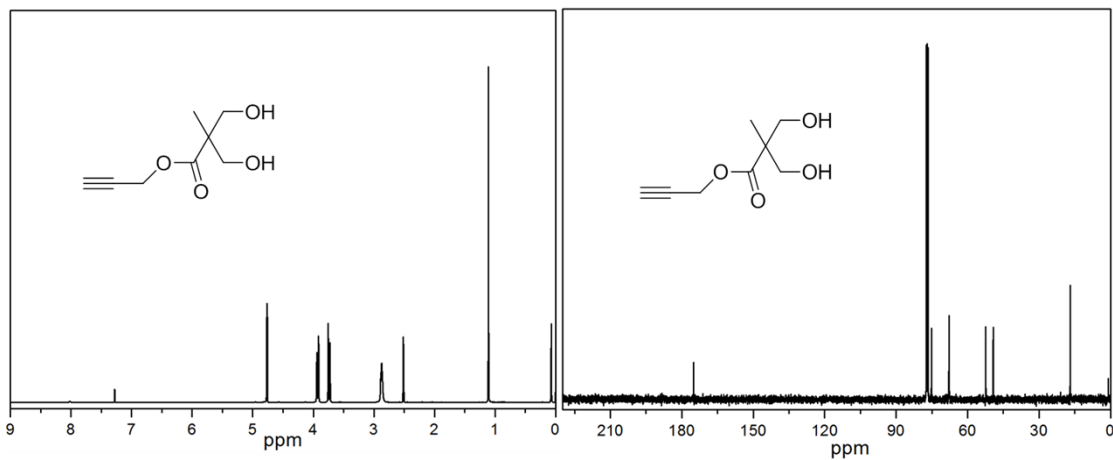


Fig. S4 ^1H and ^{13}C NMR (in CDCl_3) spectra of compound 3

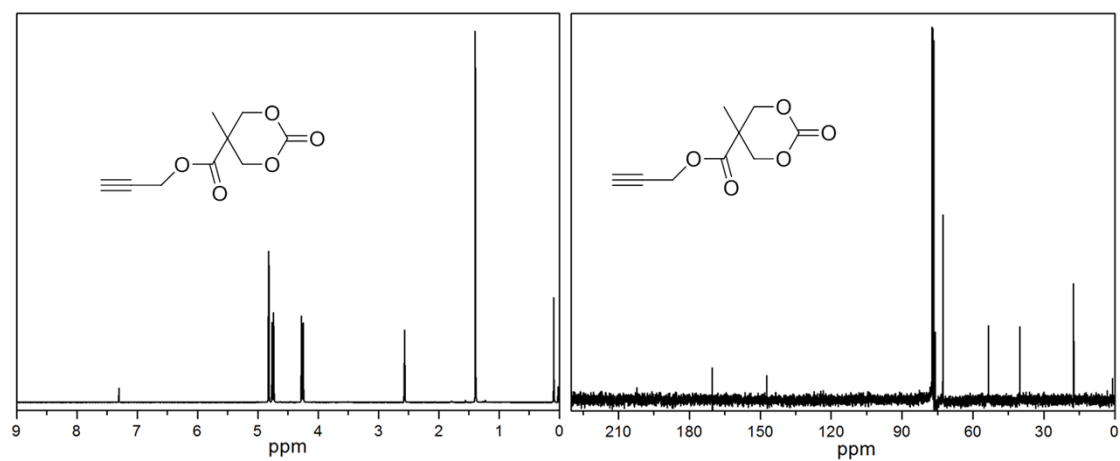


Fig. S5 ¹H and ¹³C NMR (in CDCl₃) spectra of MPC

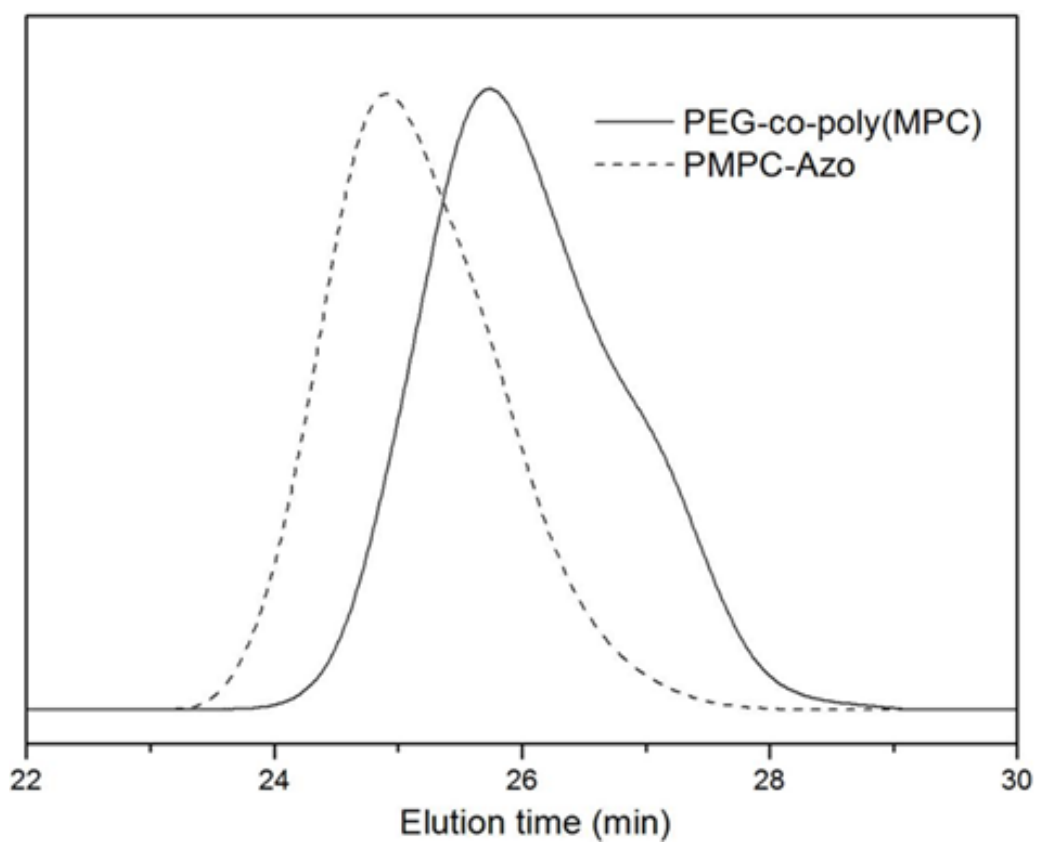


Fig. S6 GPC traces of mPEG-*b*-poly(MPC) (solid line) and PMPC-Azo (dash line)

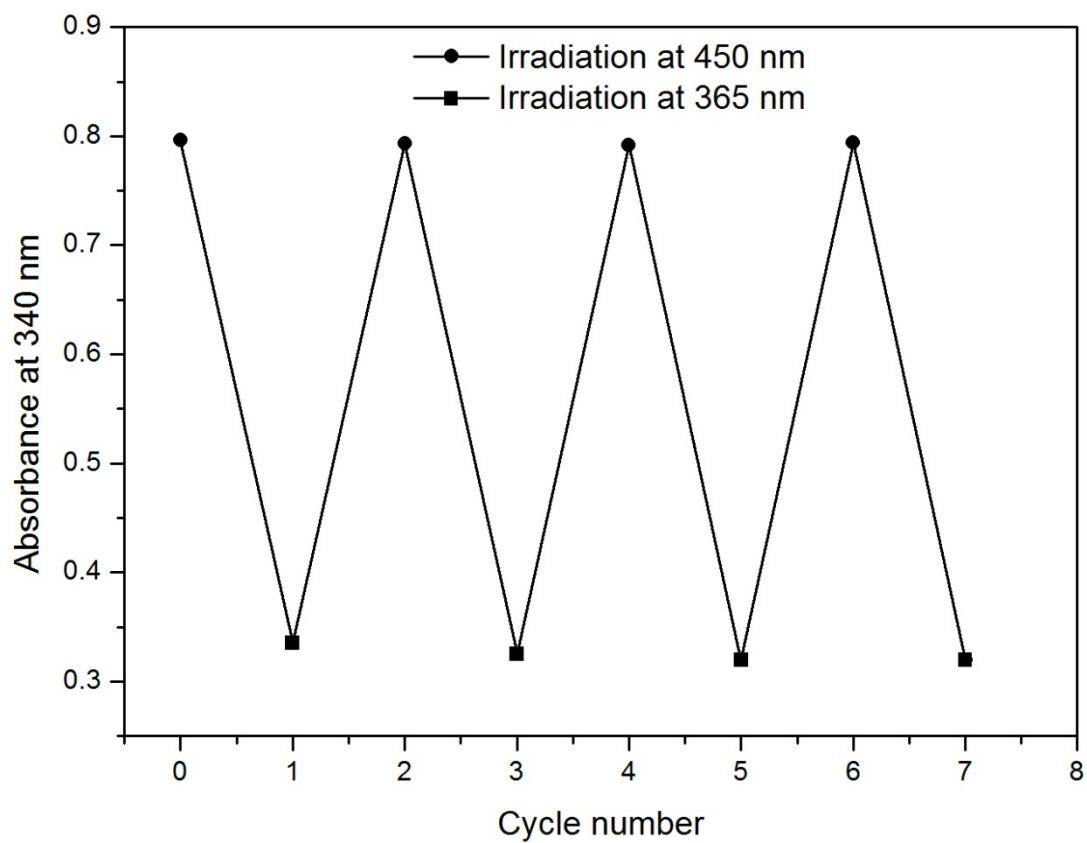


Fig. S7 Photo-isomerization cycles of UV absorbance for the PMPC-Azo micelles at 340 nm