

Supporting Information

Glycopolymer-coated Gold Nanorods Synthesised by a One Pot Copper(0) Catalyzed Tandem RAFT/click Reaction

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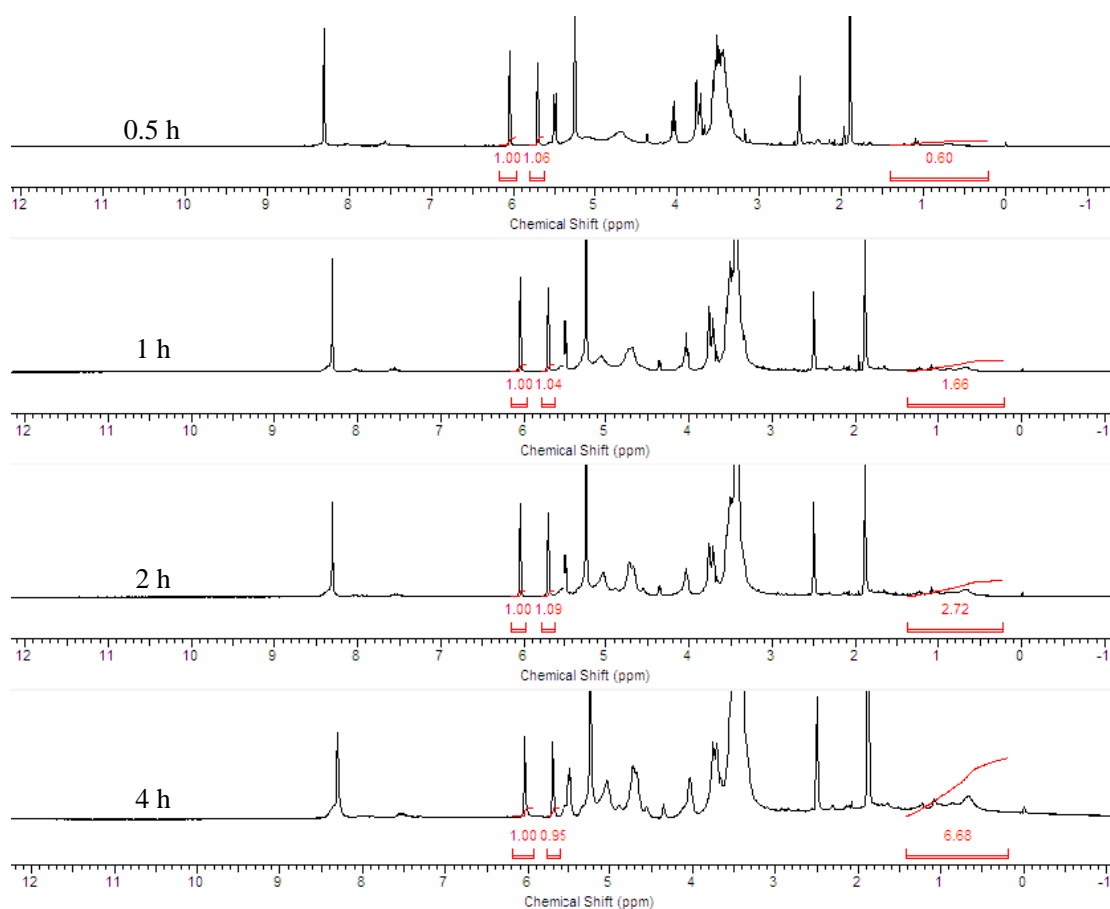


Fig. S1 ¹H-NMR spectra of the one-pot reaction mixture in DMSO-d₆.

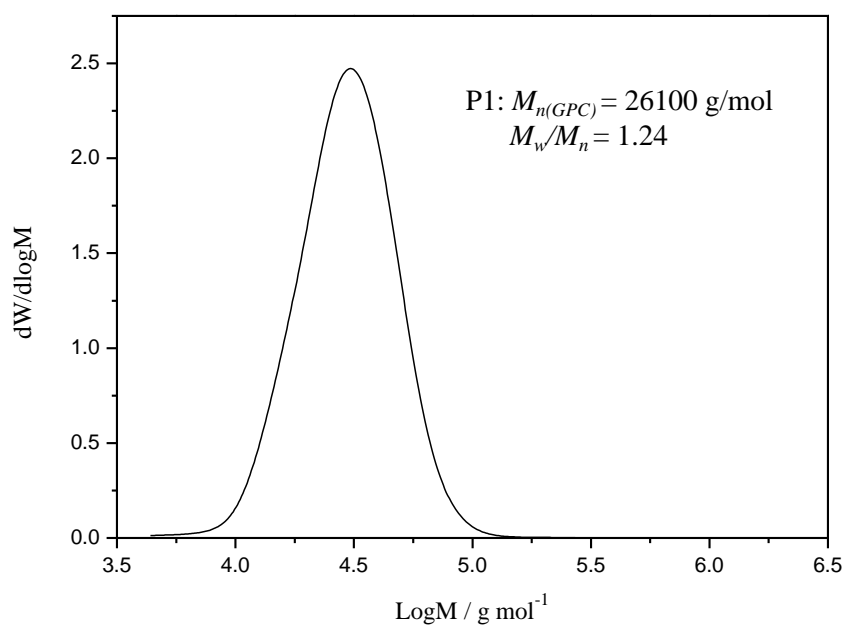


Fig. S2 Gel permeation chromatograph curve of glycopolymer (P1) prepared by one-pot one-step technique.

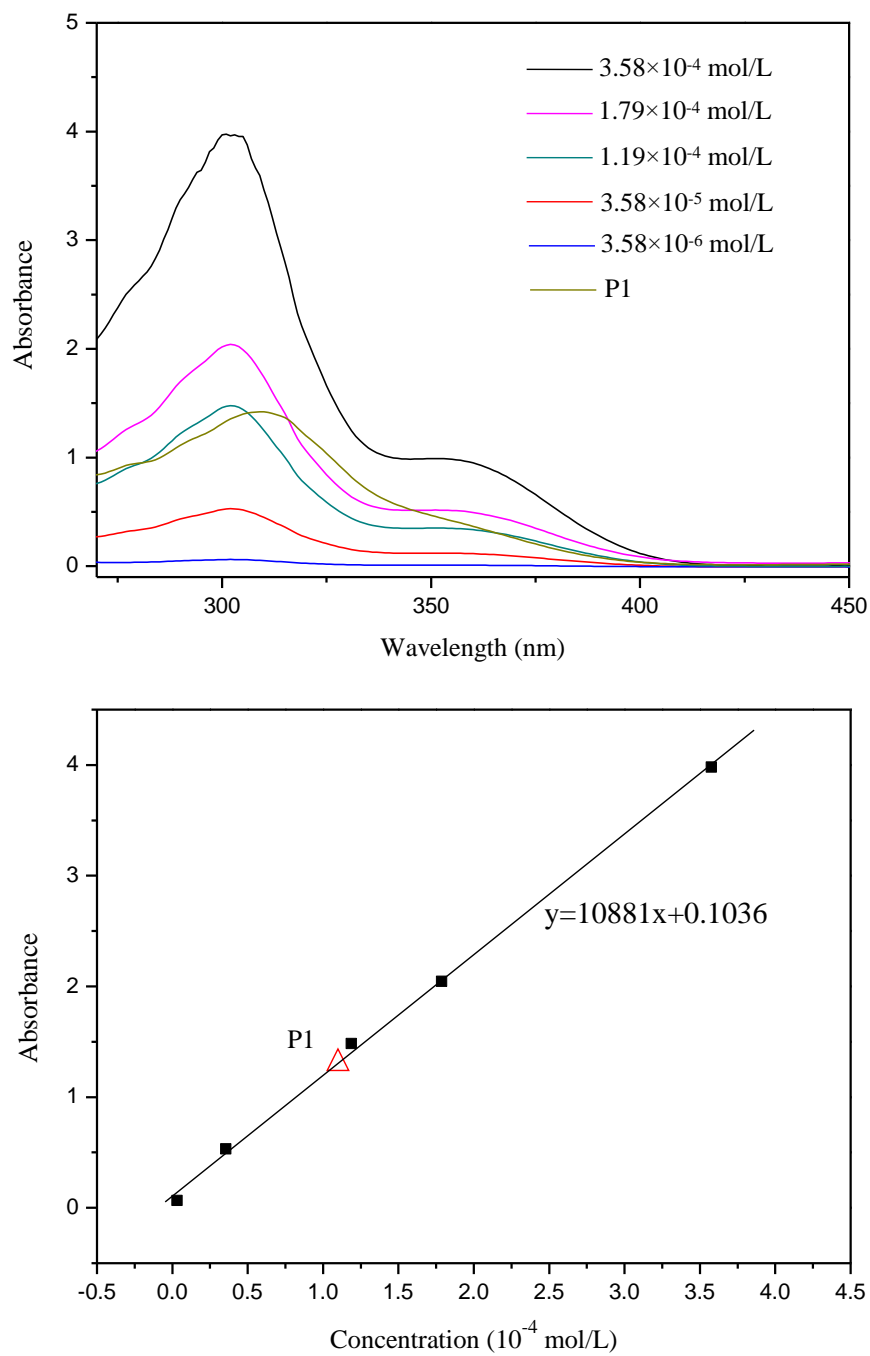


Fig. S3 UV-Vis spectra of CPDN at different concentration and Standard curve of CPDN.

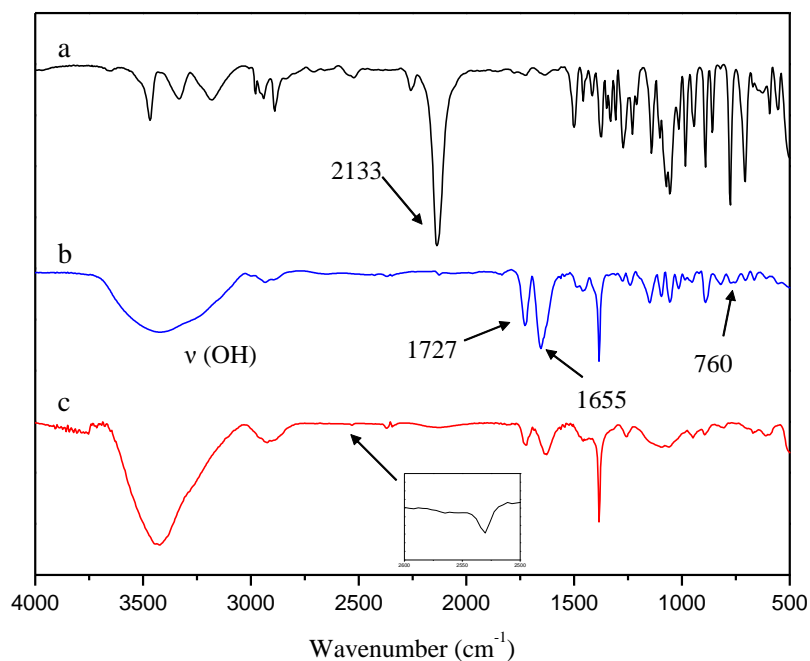


Fig. S4 FT-IR spectra of the galactose- N_3 (a), glycopolymer P1 (b) and postpolymerization product P1s (c).

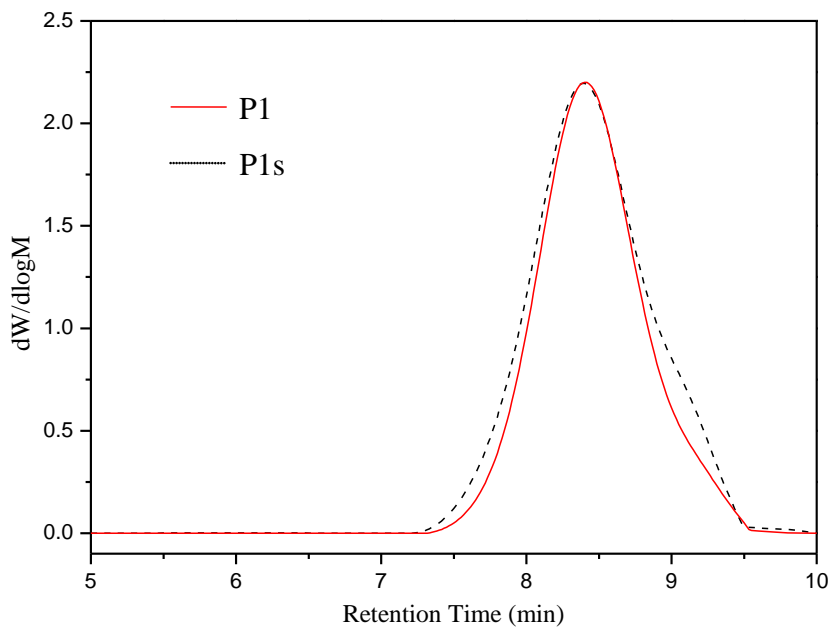


Fig. S5 Gel permeation chromatograph curve of glycopolymer (P1) and postpolymerization product (P1s).

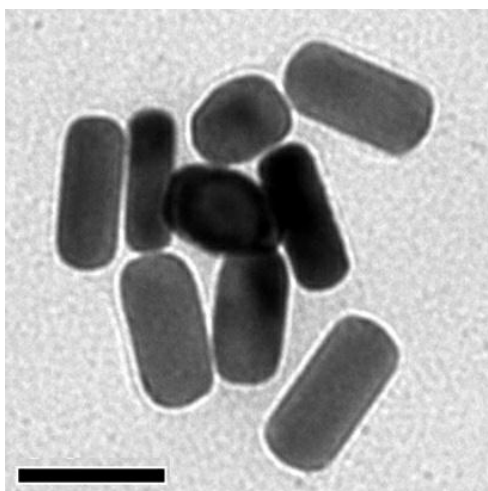


Fig. S6 TEM image of glycopolymer-coated gold nanorods; the scale bar represents 50 nm.

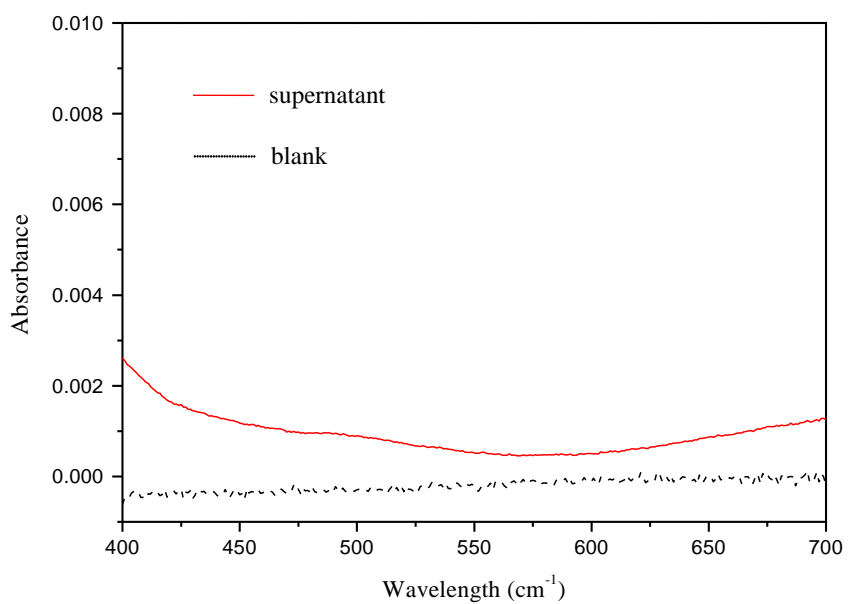


Fig. S7 The UV-Vis spectra of supernatant solution after centrifugation and use deionized water as a blank.

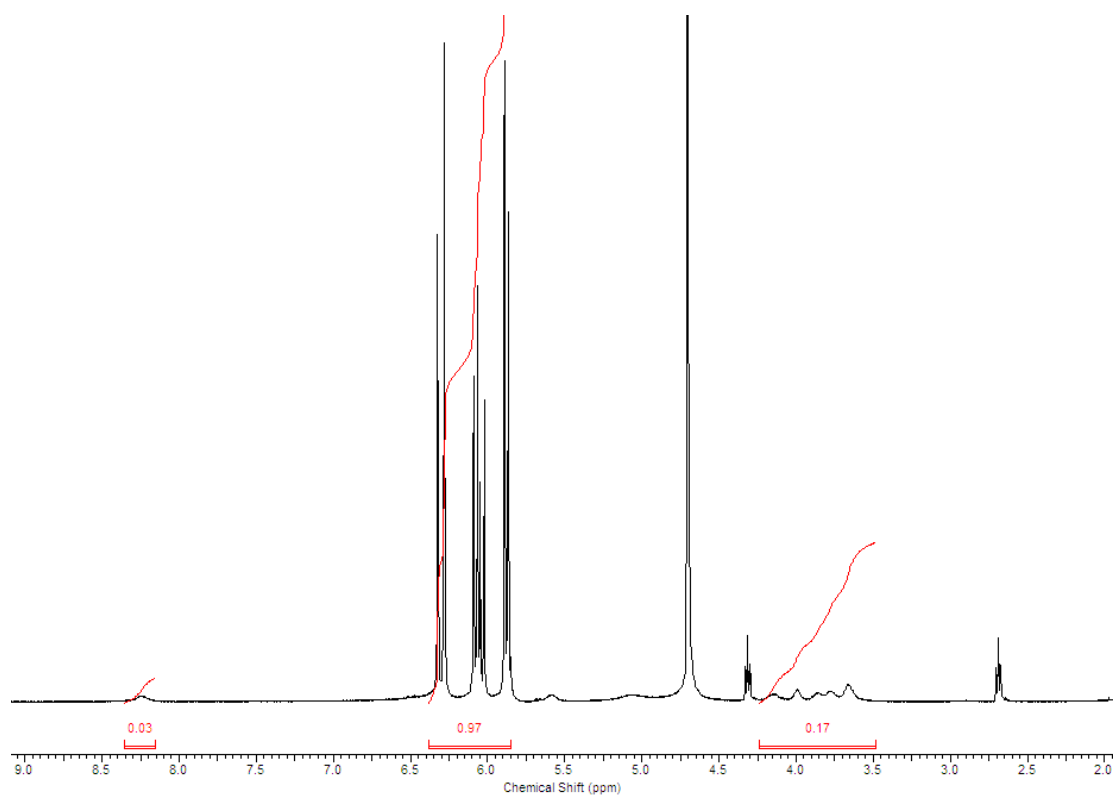


Fig. S8 The ¹H-NMR spectrum of supernatant solution after freeze drying with acrylic acid as reference.