Electronic Supplementary Material (ESI) for Polymer Chemistry.

Electronic Supporting Information

Thermo and pH dual-responsive drug-linked pseudo-polypeptide micelles with comb-shaped polymer as micellar exterior

Weizhi Chen, Liling Su, Peng Zhang, Cheng Li, Dan Zhang, Wei Wu*, Xiqun Jiang*

Department of Polymer Science & Engineering, College of Chemistry & Chemical Engineering, and Jiangsu Key Laboratory for Nanotechnology, Nanjing University Nanjing University, Nanjing, 210093, P.R. China.

* Email: jiangx@nju.edu.cn，wuwei@nju.edu.cn

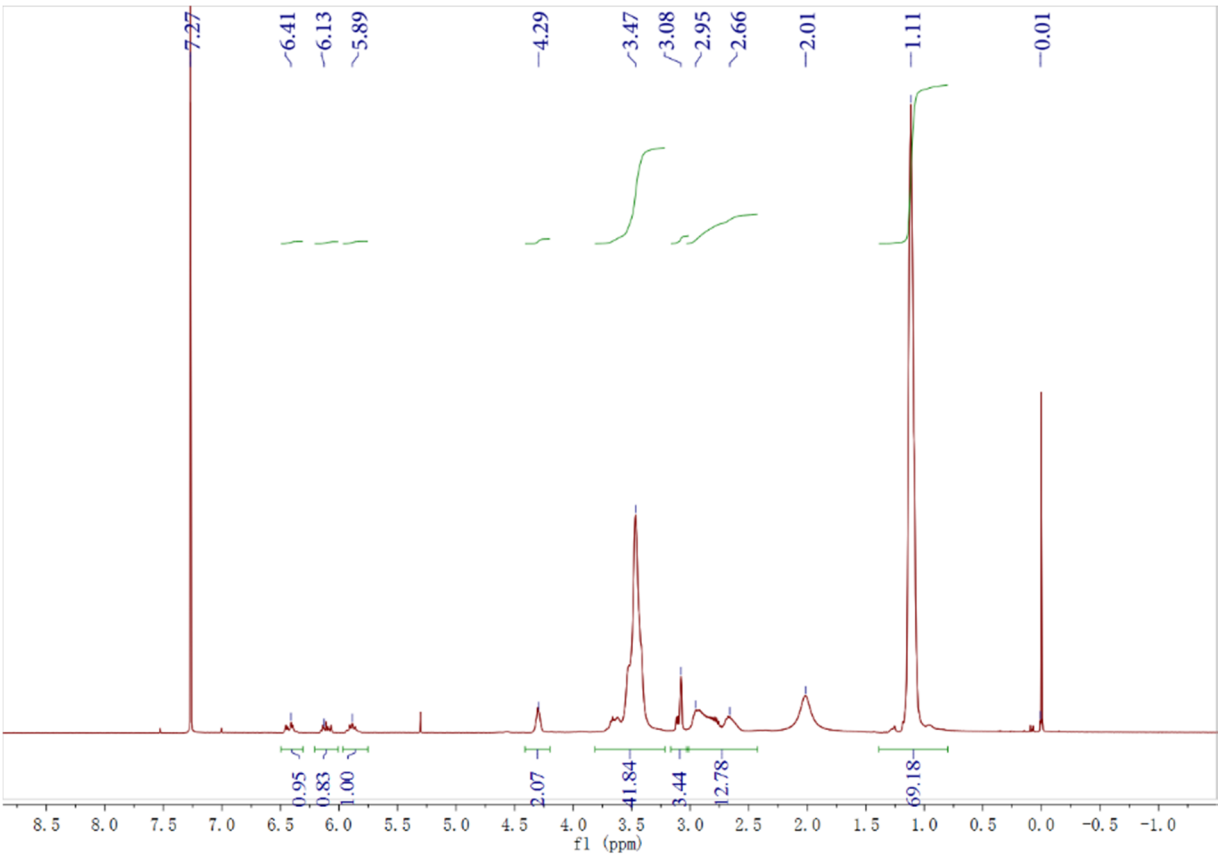

Figure S1. ^{1}H NMR spectrum of macromonomer PiPrOx.

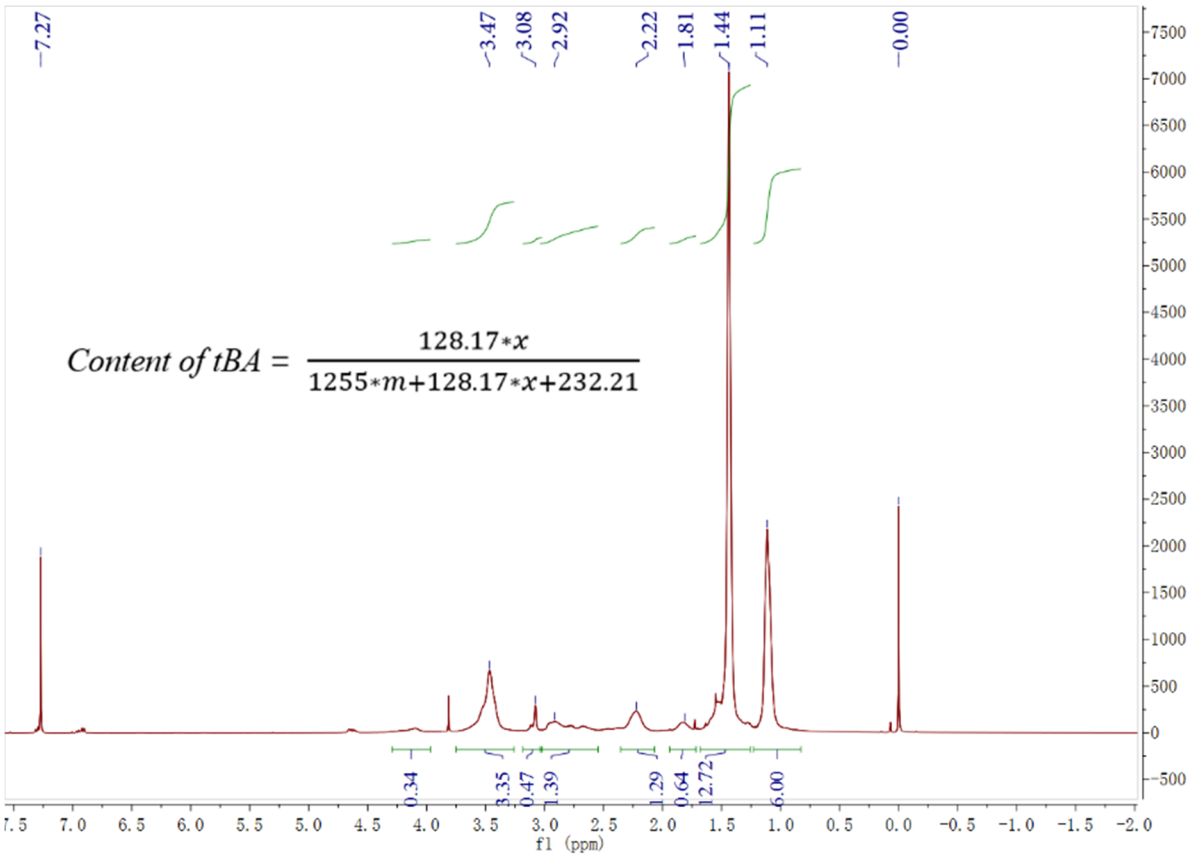

Figure S2. ^{1}H NMR spectrum of comb-shaped copolymer CPiPrOx-b-PtBA.

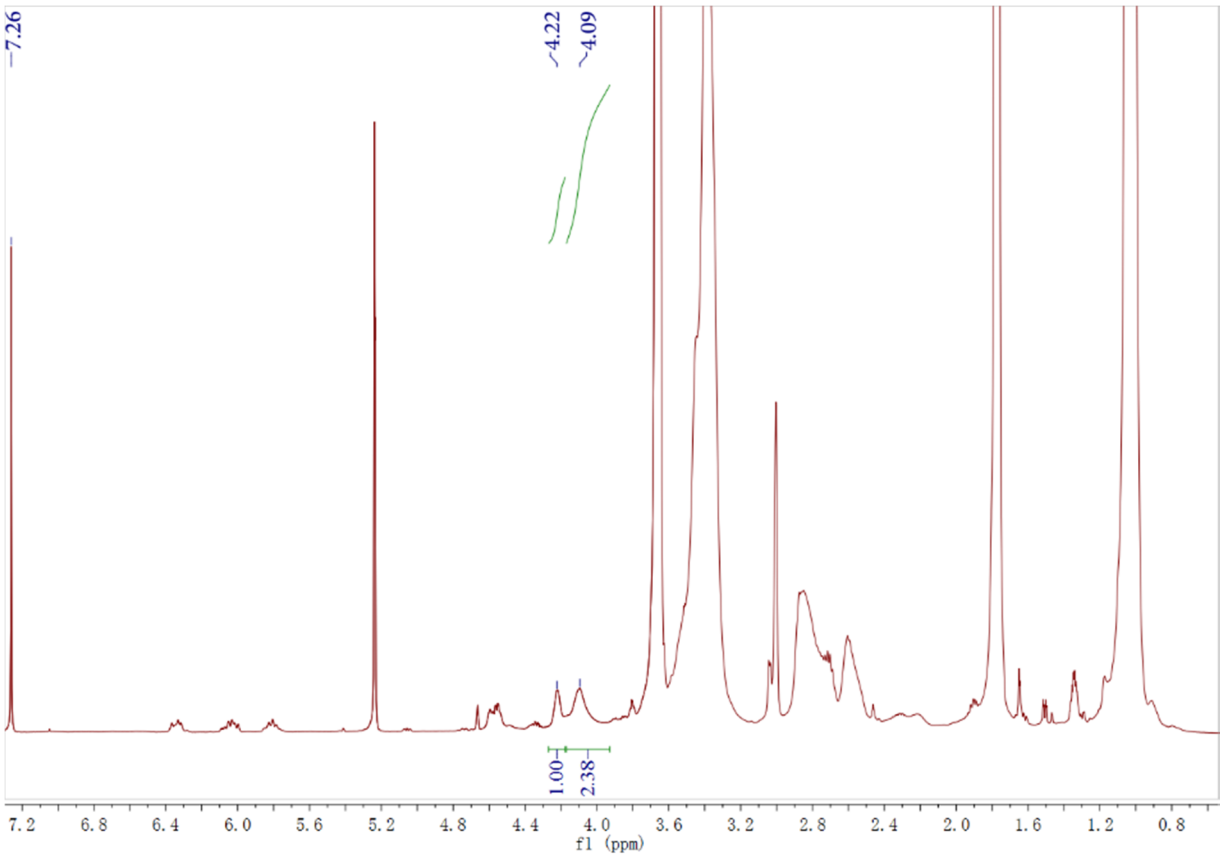

Figure S3. ^{1}H NMR spectrum of copolymerization system before tBA addition.

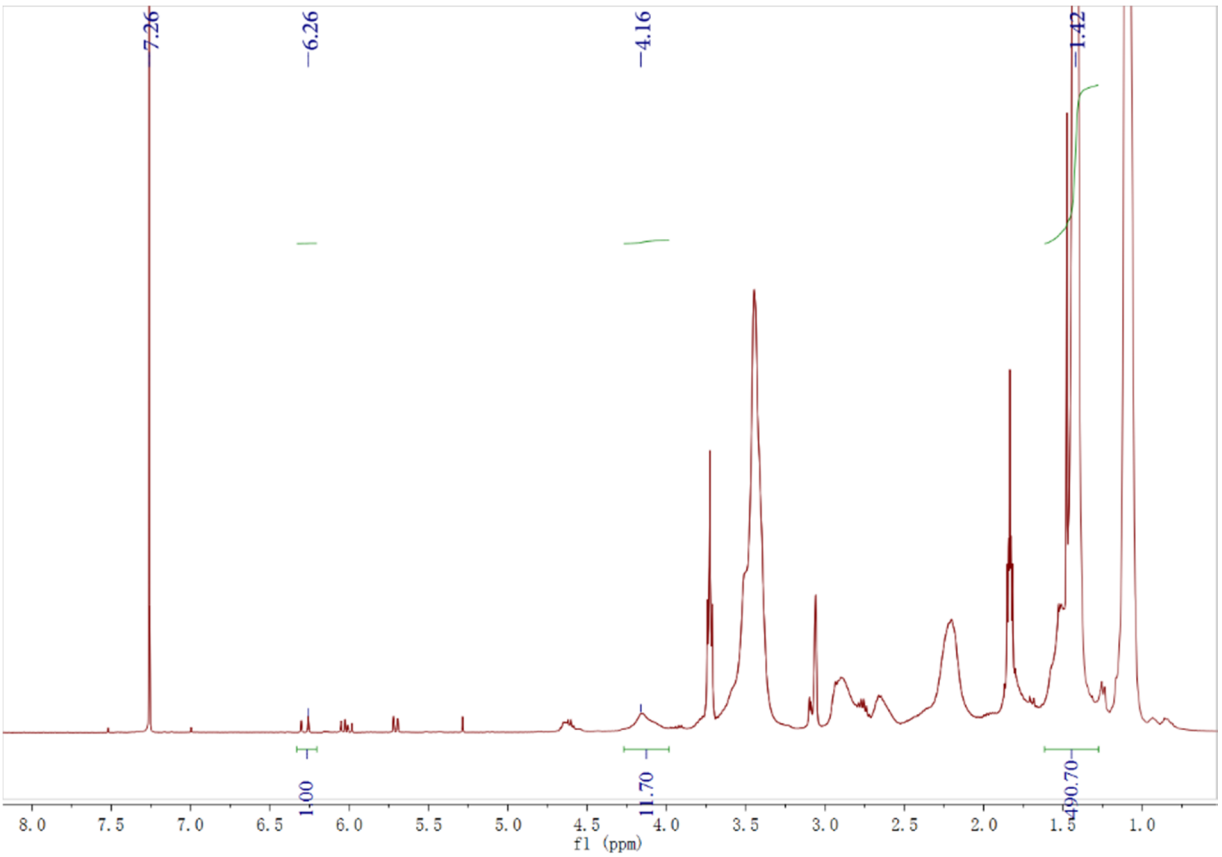

Figure S4. ^{1}H NMR spectrum of copolymerization system of PiPrOx and tBA at the end of copolymerization.

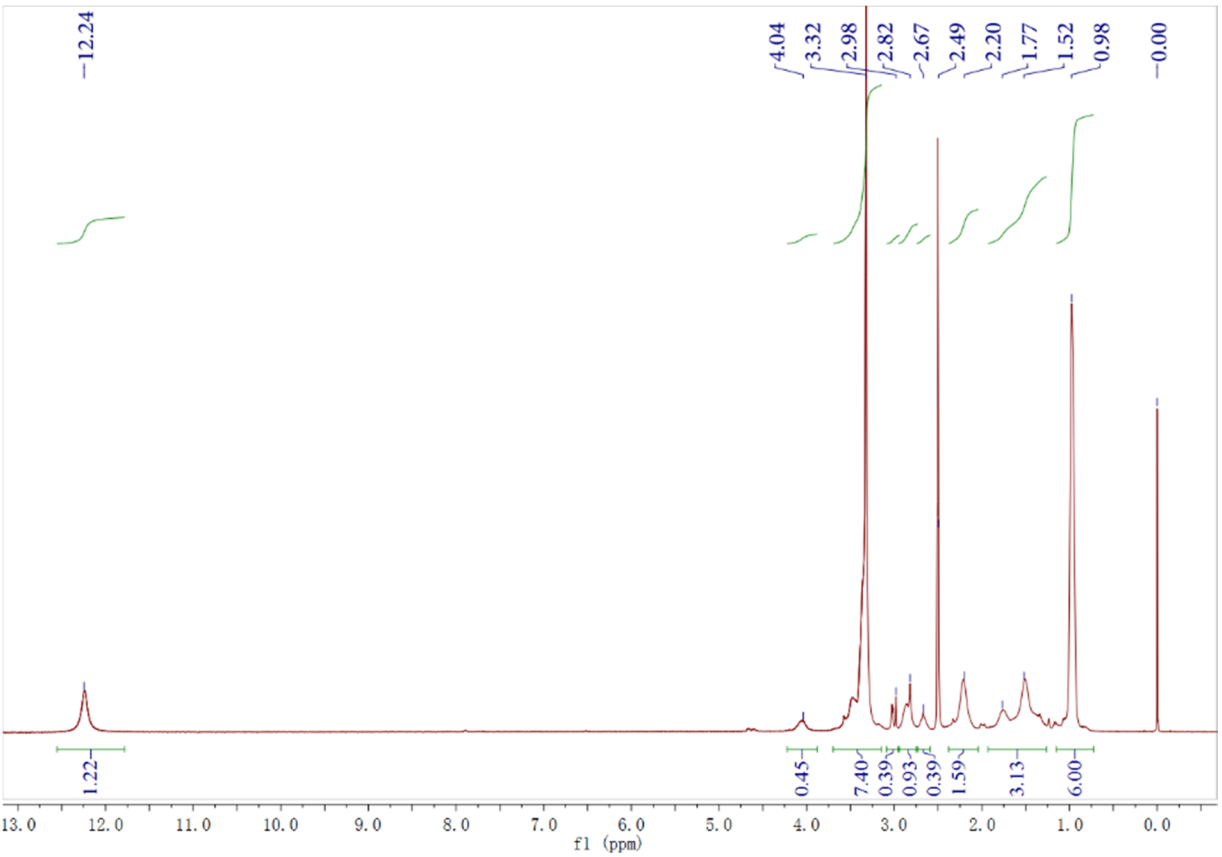

Figure S5. ^{1}H NMR spectrum of comb-shaped copolymer CPiPrOx-b-PAA.

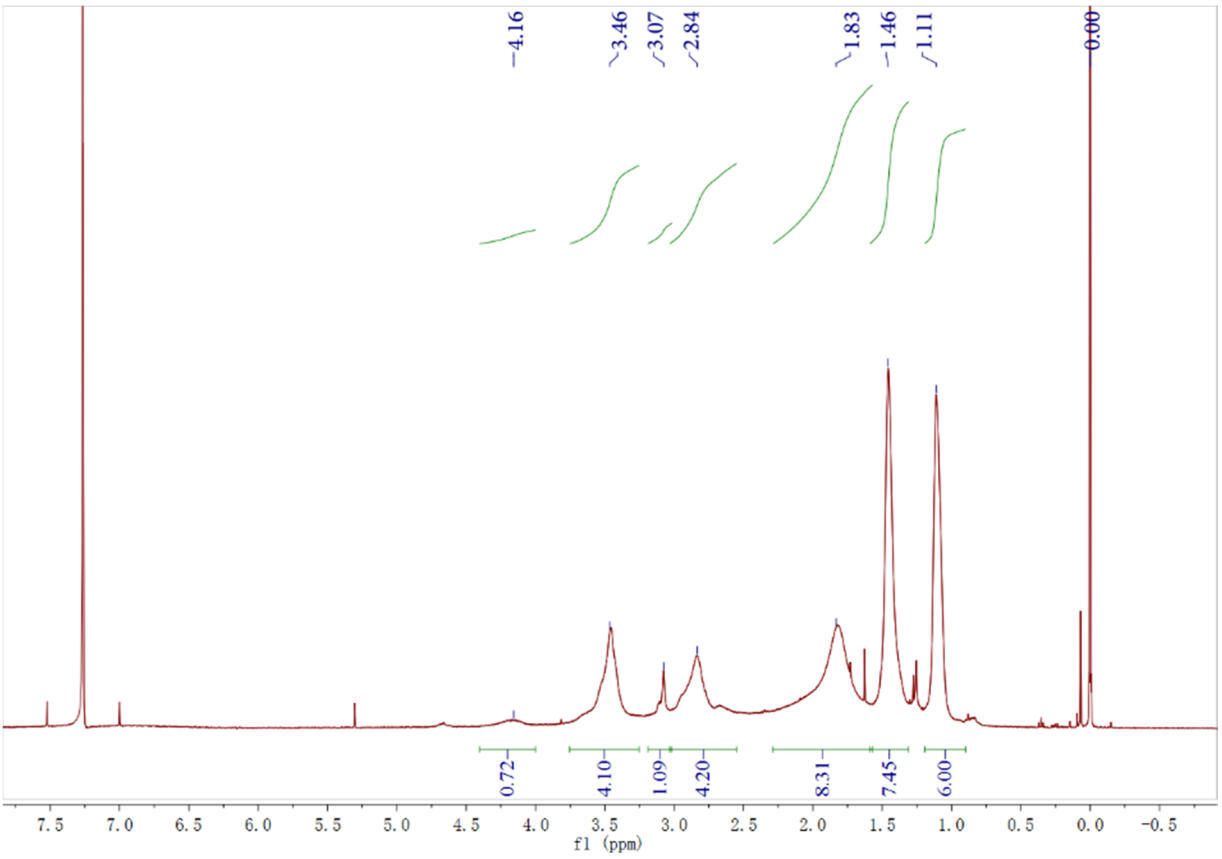

Figure S6. ^{1}H NMR spectrum of comb-shaped copolymer CPiPrOx-b-PAAtBC.

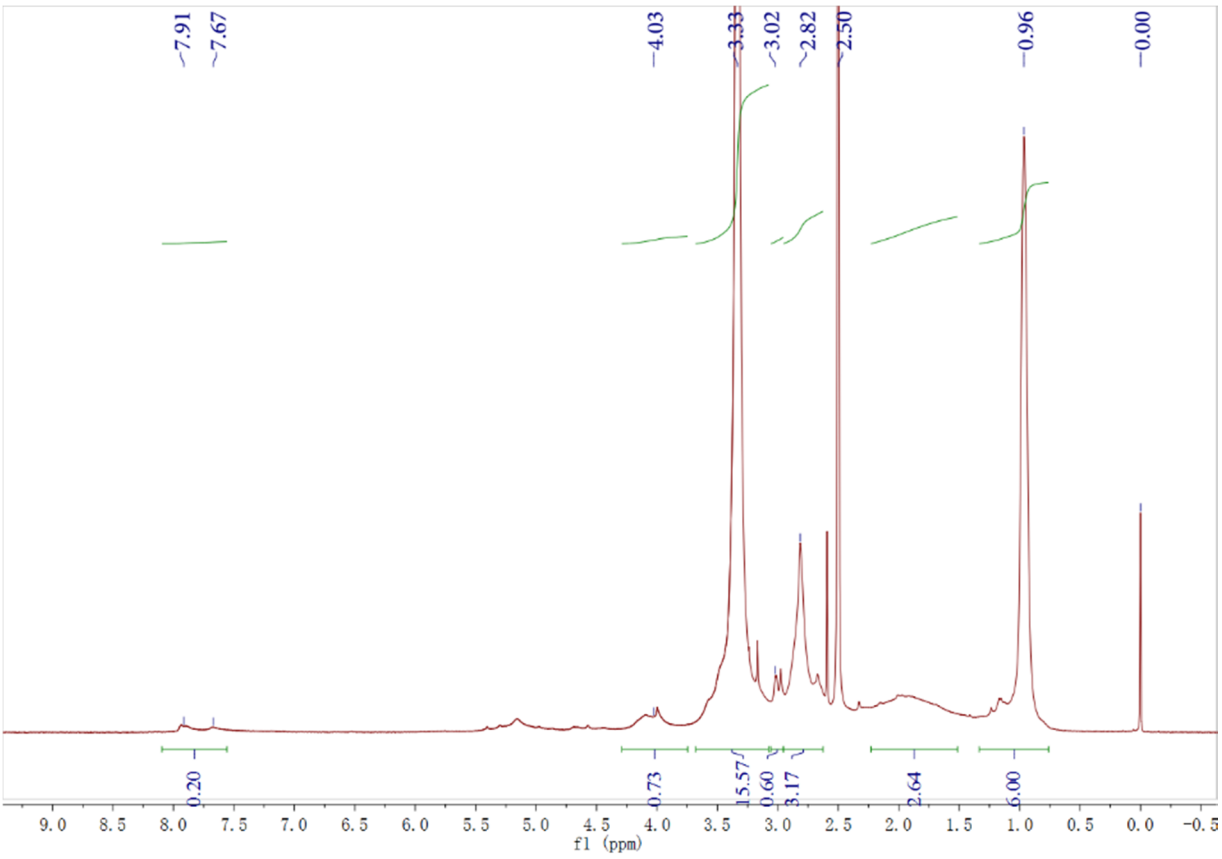

Figure S7. ^{1}H NMR spectrum of comb-shaped copolymer CPiPrOx-b-PAA-DOX.

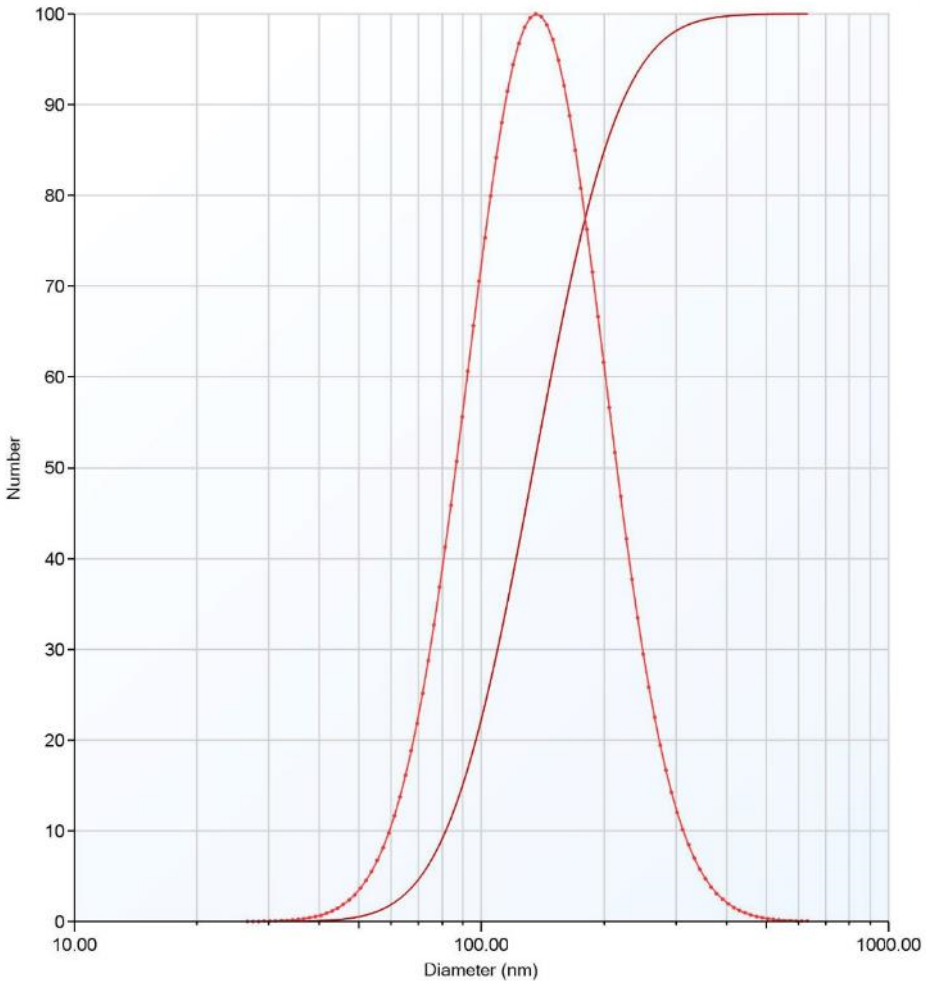

Figure S8. The DLS curve of CPiPrOx-b-PAA-DOX micelles.

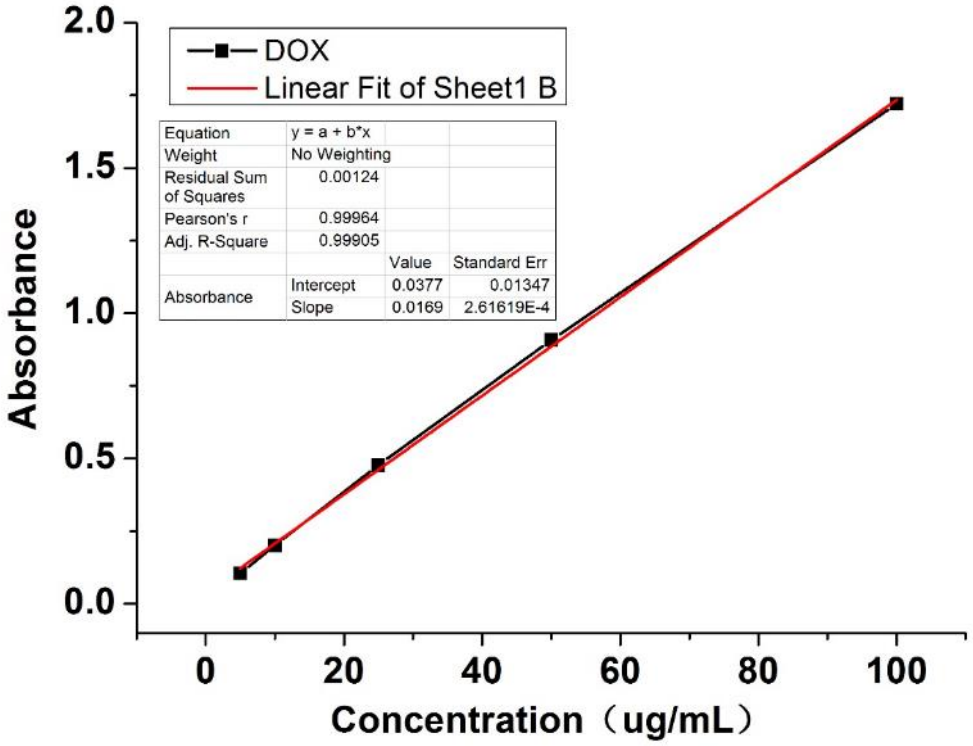

Figure S9. The UV calibrations curve of free DOX in methanol.