

# Supplementary data

## Synthesis of amphiphilic block copolymer containing zwitterionic sulfobetaine as a novel pH-sensitive drug carrier

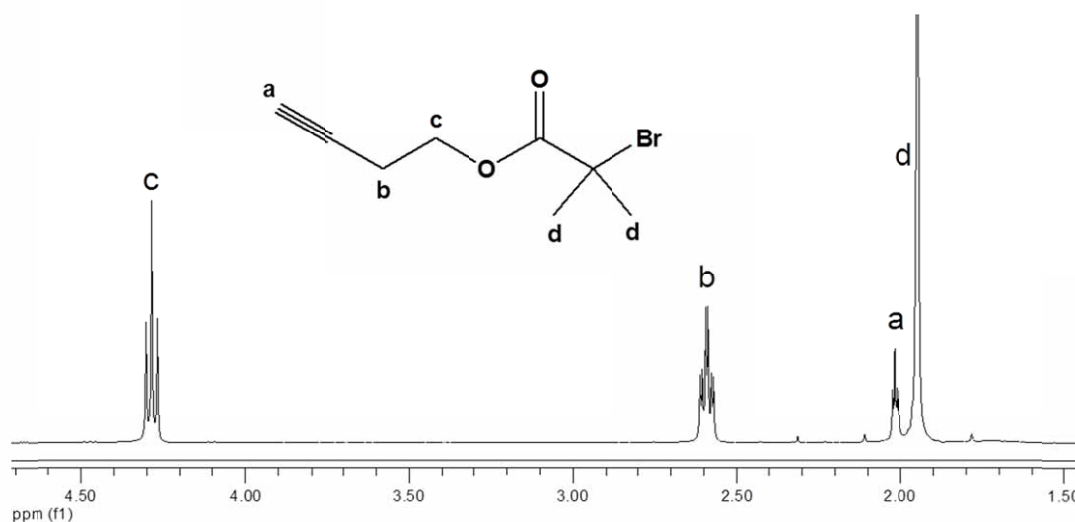
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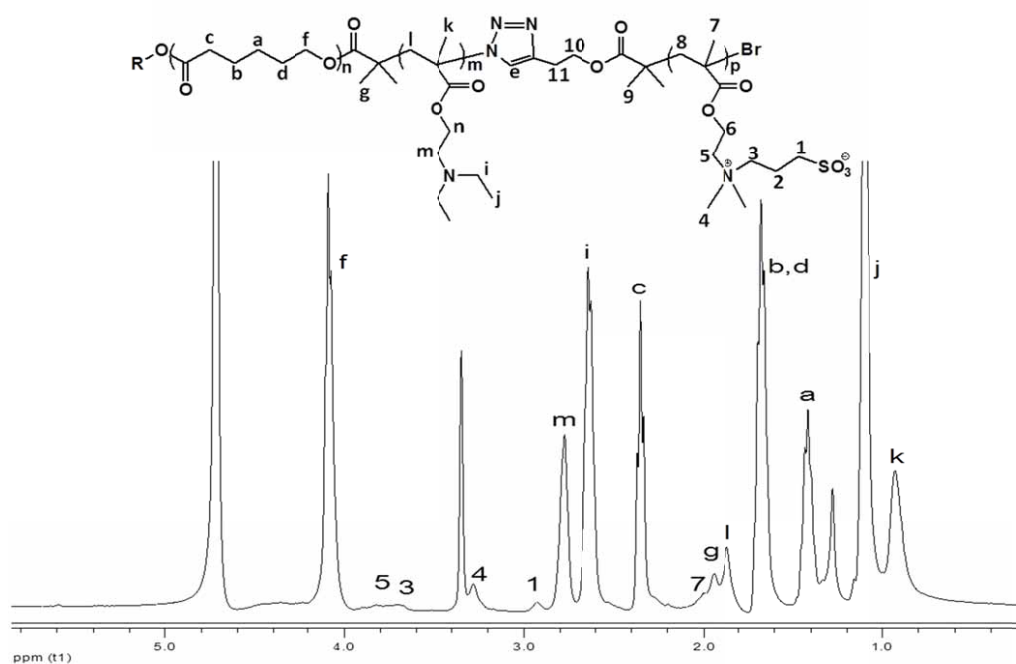
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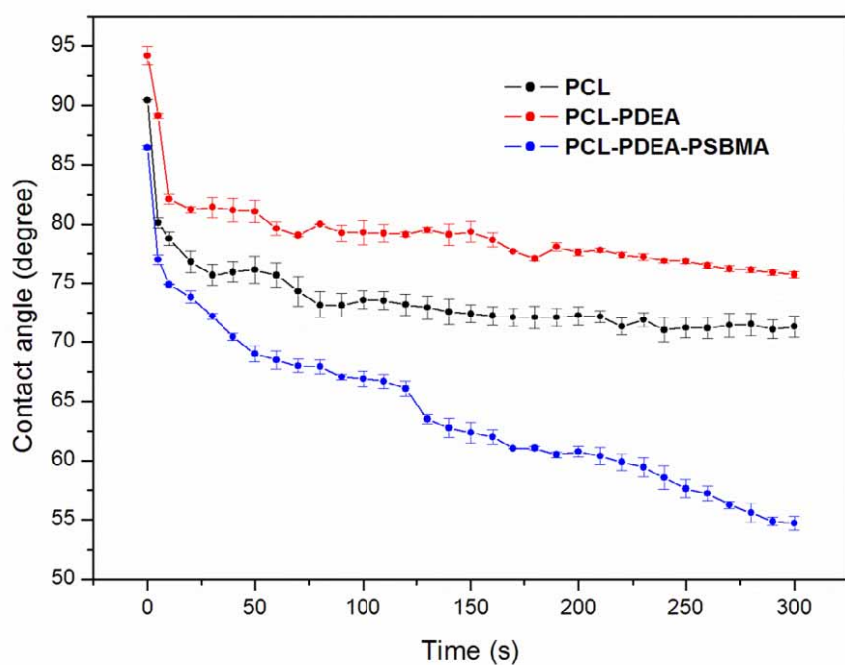
E-mail addresses: luoxl\_scu@126.com.



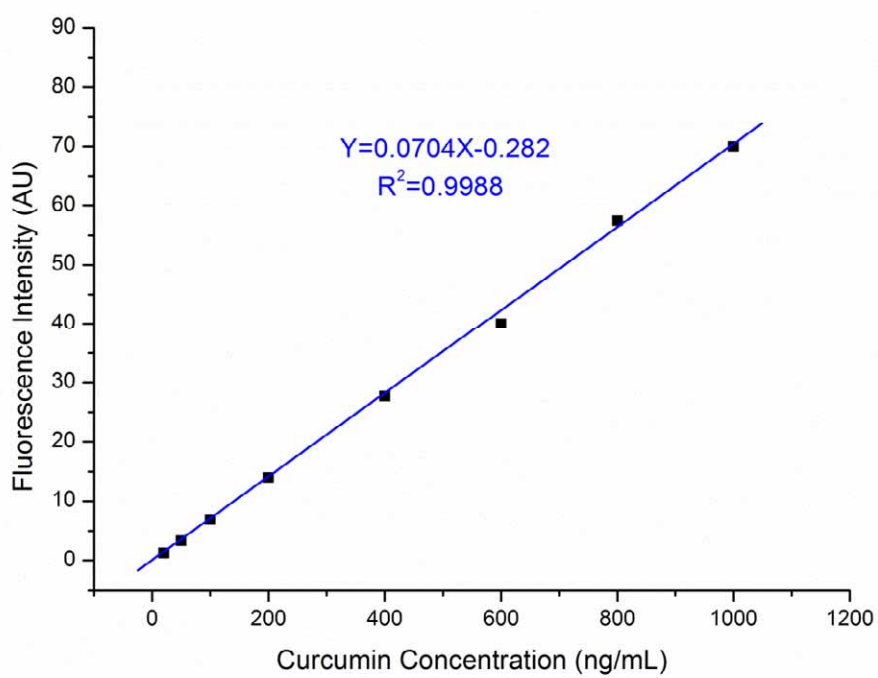
Supplementary Figure.S1 <sup>1</sup>H NMR spectra of 3-butynyl 2-bromoisbutyrate in CDCl<sub>3</sub>.



Supplementary Figure. S2 <sup>1</sup>H NMR spectra of PCL-PDEA-PSBMA in CDCl<sub>3</sub>/CD<sub>3</sub>OD (v/v=1:1) mixture.



Supplementary Figure. S3 Evolution of the contact angle for PCL, PCL-PDEA and PCL-PDEA-PSBMA.



Supplementary Figure. S4 Curcumin standard curve in blood.