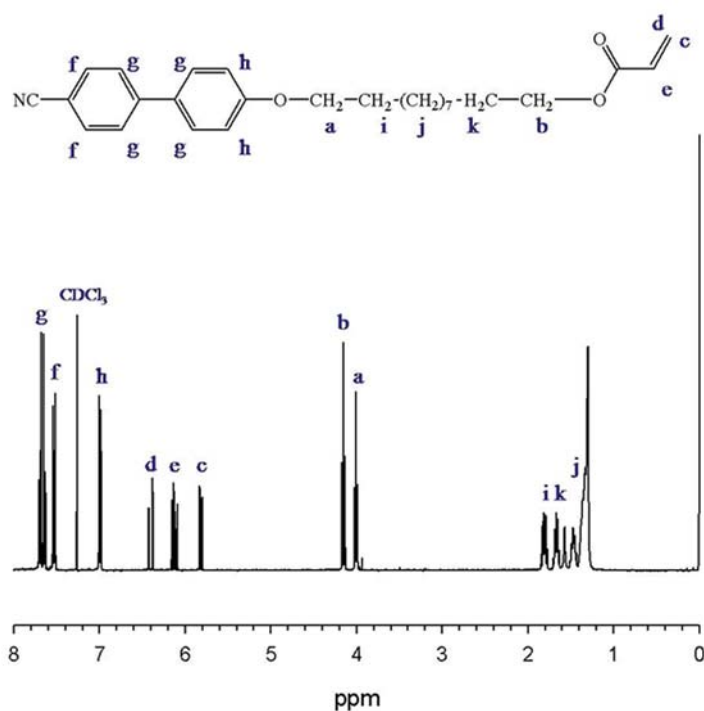


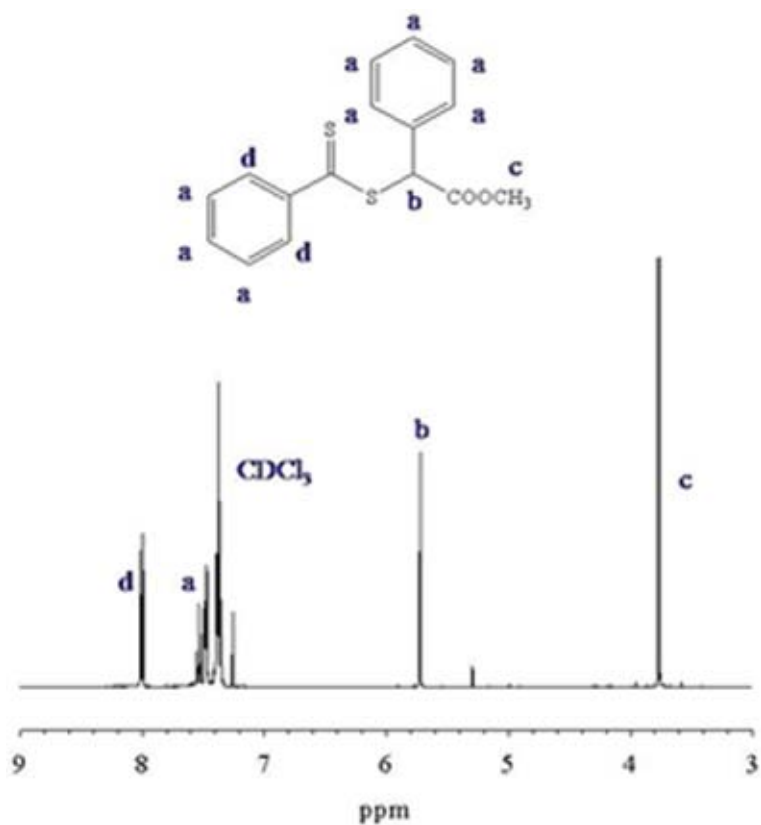
Synthesis and micellization of a novel diblock copolymer of poly (*N*-isopropylacrylamide)-*b*-SGLCP and its application in stability of 5CB droplets in aqueous medium

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Supplementary Information



SI 1. The NMR spectrum of LC11: ¹H-NMR: δH (CDCl₃): 1.2-2.0 (m, 18H, -(CH₂)₉), 3.9-4.0 (t, 2H, CH₂-O-Ar), 4.1-4.2 (t, 2H, O-CH₂), 5.73-6.35(m, 3H, =CH, CH₂), 6.9-7.0 (m, 2H, aromatic), 7.4-7.5 (m, 4H, aromatic), 7.6-7.7 (m, 2H, aromatic) ppm.



SI 2. The NMR spectrum of MCPDB: ¹H-NMR: δH (CDCl₃): 3.70 (s, 3H, -O-CH₃), 5.65 (s, 1H, -S(Ph)CH-CO₂Me), 7.20-7.48 (m, 8H, aromatic), 7.91 (m, 2H, aromatic) ppm