

Figure S1: ¹H NMR spectrum of CDQA. ¹H NMR(400 MHz, DMSO-d₆) : δ = 0.6-1.5 (C-CH₃), 1.5-2.2 (CH₂-C-CH₃), 2.3-2.8 (C(=O)-(CH₂)₂-C(=O)-), 3.0-3.3 (N-(CH₃)₃), 3.3-4.0 (H of C2 to C6, N-CH₂, CH₂-CH(OH)-CH₂), 4.1-4.5 (-O-(CH₂)₂-O-, OH of C6, O-CH₂-CH(OH)), 4.6-5.1 (H of C1), 5.7-6.3 (OH of C2 and C3), 7.4-7.7 (NH)

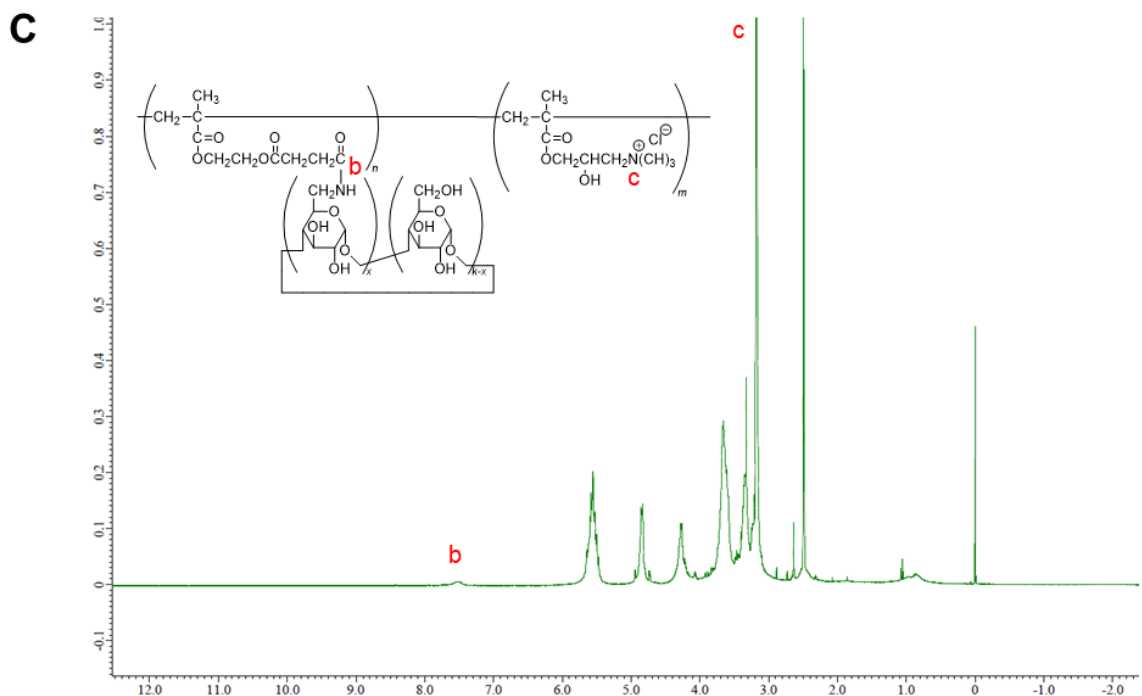
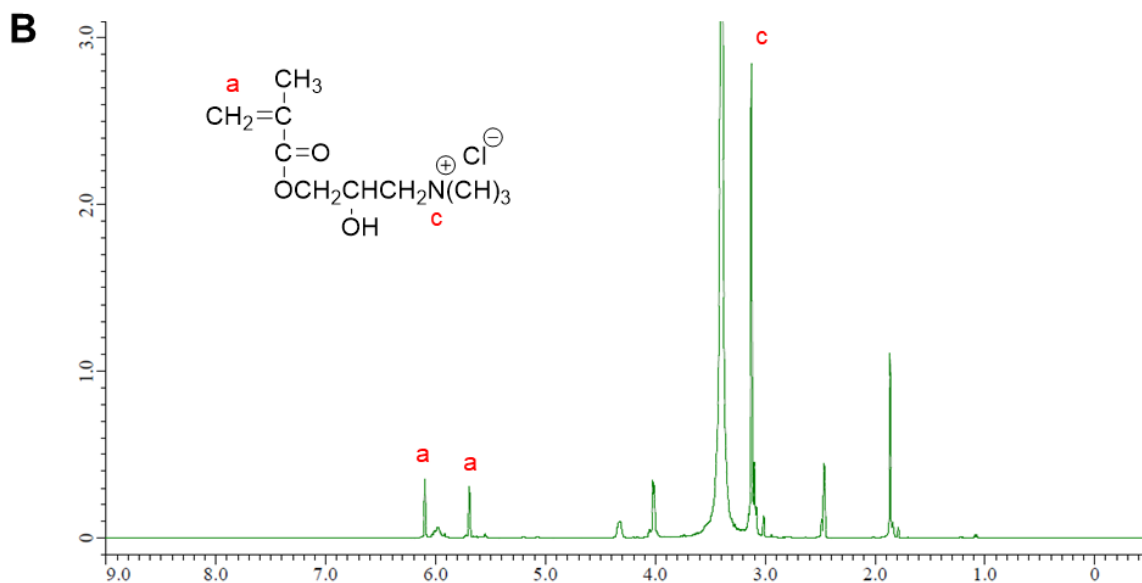
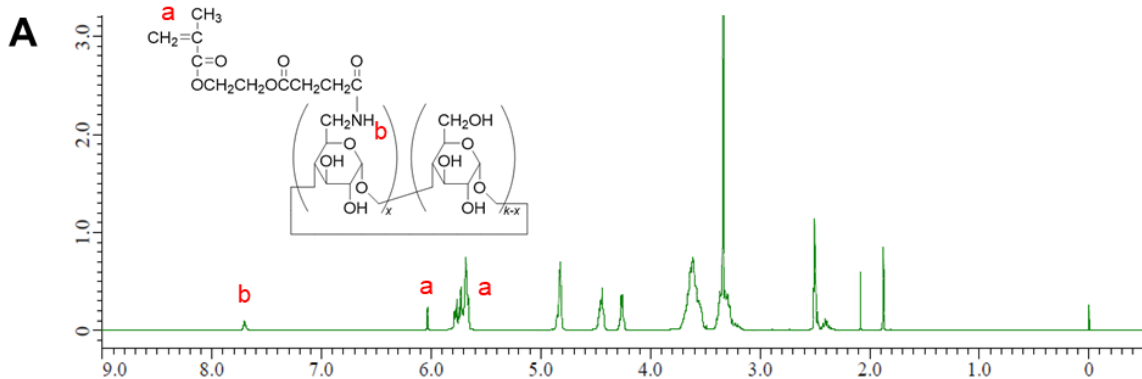


Figure S2: Structural formula and ^1H NMR spectrum of CD-MSAm (A), QA (B), and CDQA (C).