**Electronic Supplementary Information (ESI)**

**Magnetic Nanoparticles Modified with Quaternarized *N*-halamine Based Polymer and Their Antibacterial Properties**

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**Fig. s1**1H NMR spectra of BDD with peak assignments (500MHz, CDCl3, ppm)

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**Fig. s2** 1H NMR spectra of CPQNP with peak assignments (500MHz, DMSO-d6, ppm)