

Supporting Information

Antimicrobial Silica Particles Synthesized via Ring-Opening Grafting of Cationic Amphiphilic Cyclic Carbonates: Effects of Hydrophobicity and Structure

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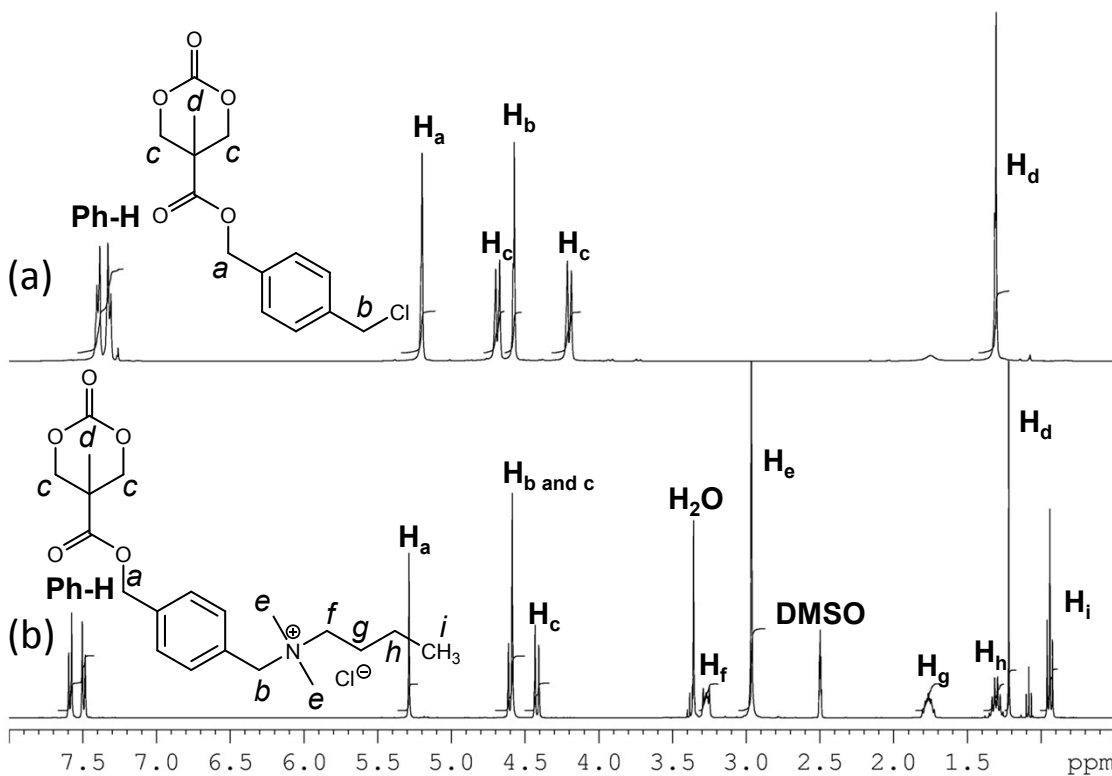


Figure S1 ¹H NMR spectra of (a) MTC-OCH₂BnCl in CDCl₃ and (b) MTC-Bn-QA-C₄ in DMSO-*d*₆.

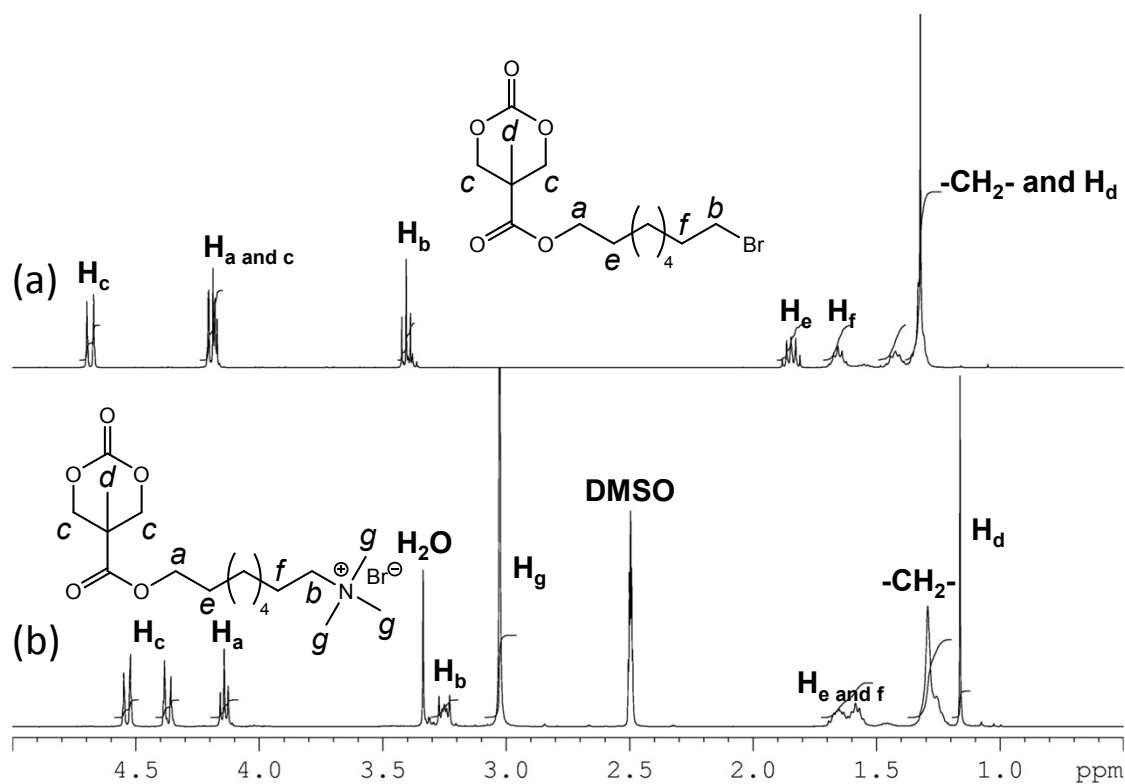


Figure S2 ^1H NMR spectra of (a) MTC-OC₈H₁₆Br in CDCl₃ and (b) MTC-C8-QA-Me in DMSO-*d*₆.

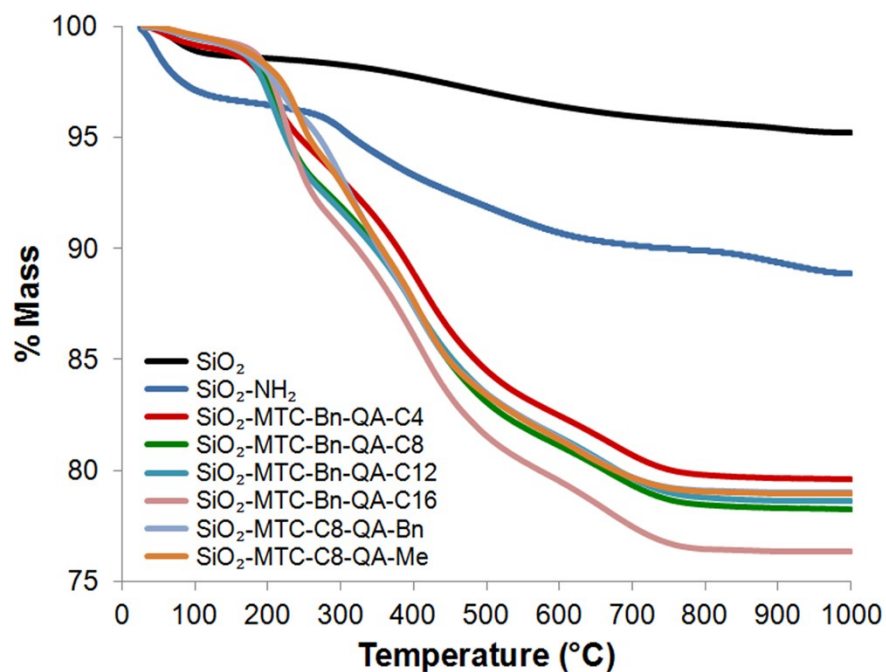


Figure S3 TGA curves of pristine (SiO₂), uncoated (SiO₂-NH₂) and QA-functionalized silica particles.