Supplementary Materials: Synthesis, Characterization, and Antibacterial Activities of High-Valence Silver Propamidine Nanoparticles

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†These two authors contributed equally to this work.

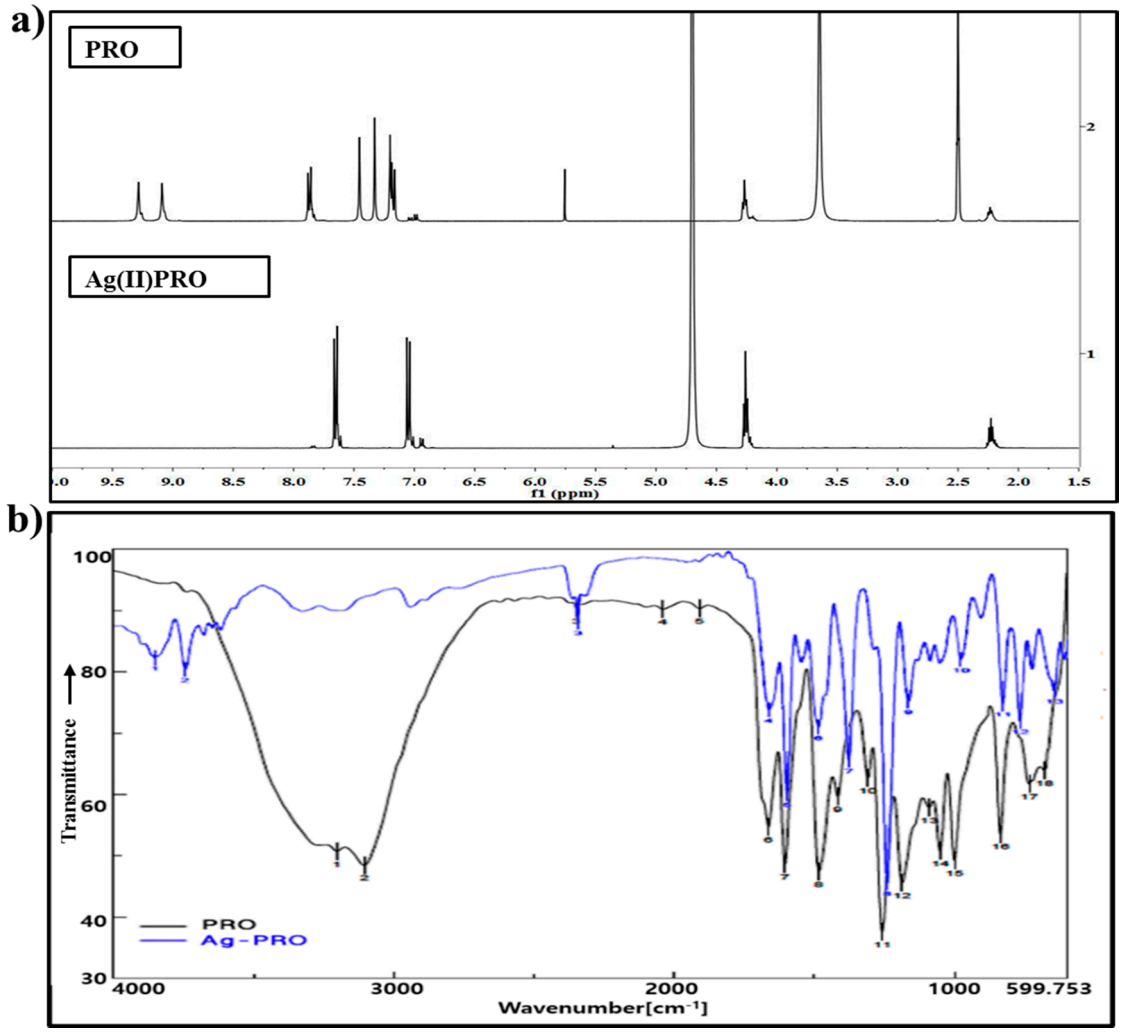

Figure S1. ^{1}H NMR and FT-IR spectra of the propamidine (**a**) and newly synthesized silver(II) propamidine complex (**b**).

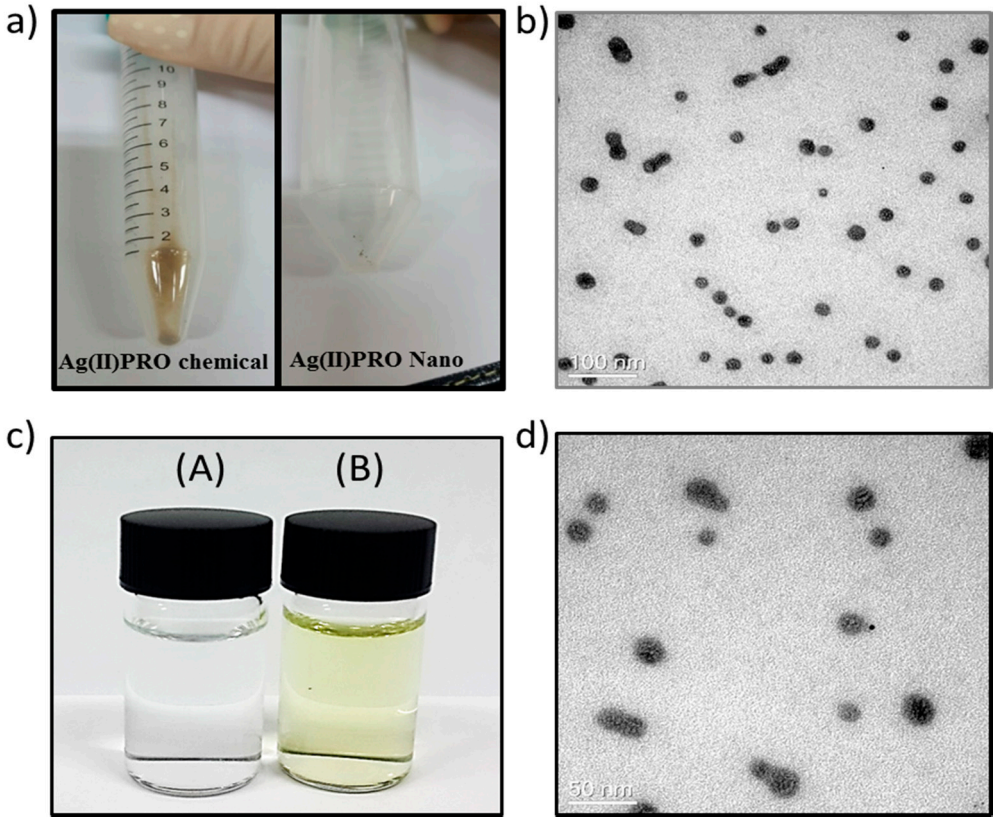

Figure S2. Visual observation of freshly synthesized Ag(II)PRO nanoparticles (**a**) and AgNPs (**c**) TEM image of Ag(II)PRO nanoparticles (**b**) and AgNPs (**d**).

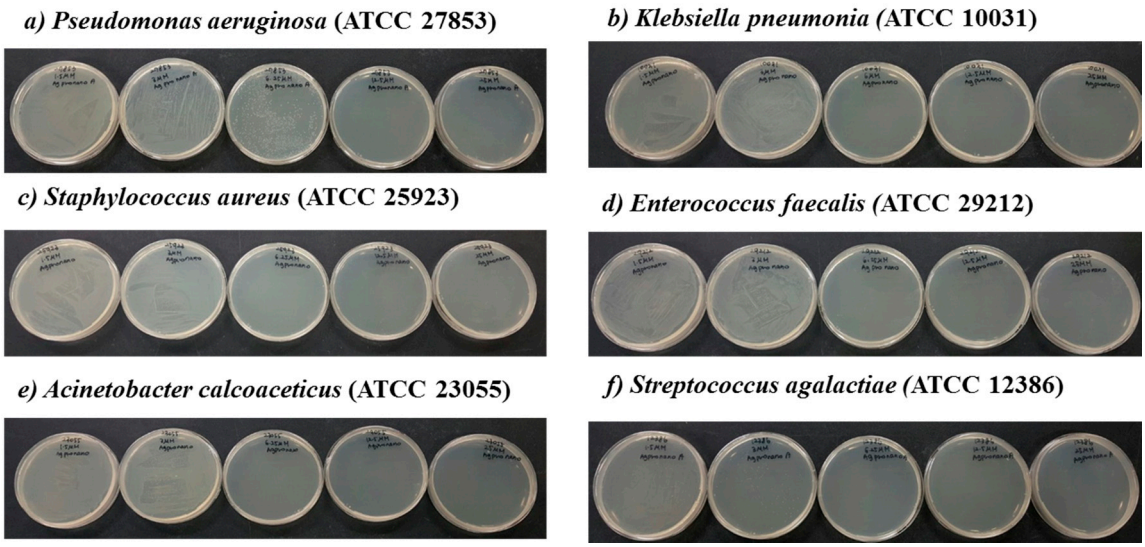

Figure S3. Petri dishes initially supplemented with 10^7 CFU/mL of Gram-positive /negative strains (**a**, **b**, **c**, **d**, **e**, **f**) and incubated with different concentrations of silver(II) propamidine nanoparticles, from left to right 1.5, 3, 6.25, 12.5, and 25 μM.

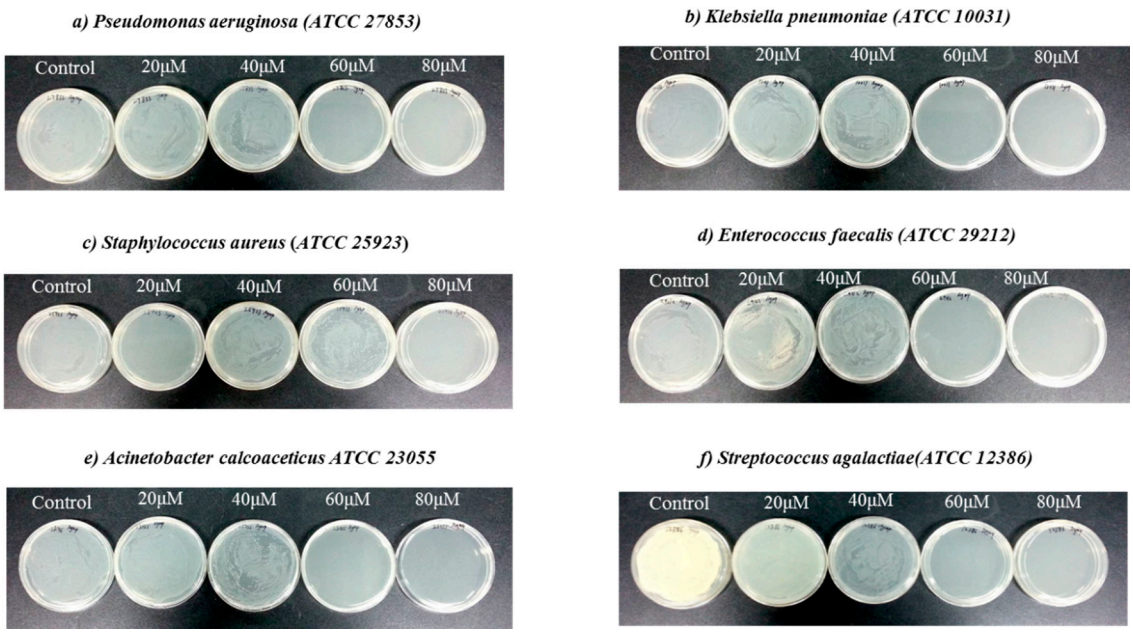

Figure S4. Petri dishes initially supplemented with 10^7 CFU/ml of Gram-positive /negative strains (**a**, **b**, **c**, **d**, **e**, **f**) and incubated with different concentrations of silver nanoparticles, from left to right control, 20, 40, 60, and 80 μM.