

Electronic Supplementary Material

Enhanced photodynamic therapy of porphyrin grafted Zn–Ag–In–S QDs/PMAO nanoparticles against melanoma cells and *E. coli*

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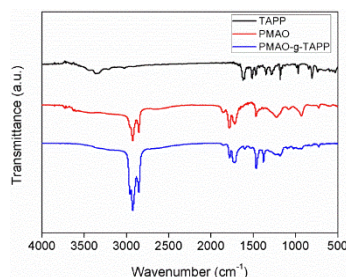


Fig. S1 FTIR spectra of TAPP, PMAO, and PMAO-g-TAPP.

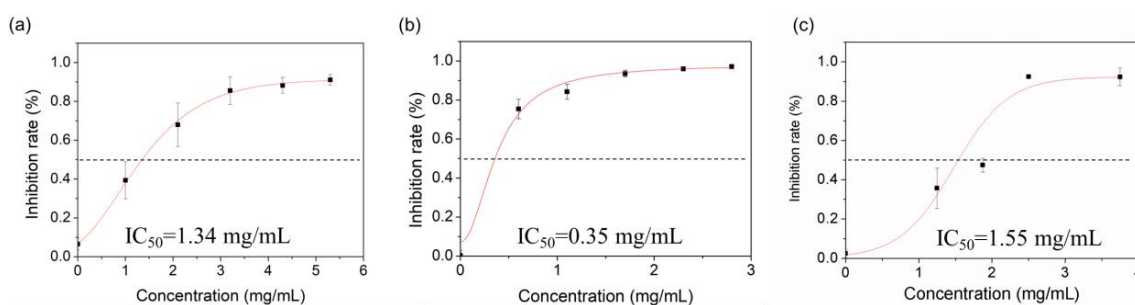


Fig. S2 Calculation of IC_{50} for (a) ZAIS/PMAO-g-TAPP-1, (b) ZAIS/PMAO-g-TAPP-10, and (c) ZAIS/PMAO (A2058 cells illuminated for 15 min by a 20 W LED lamp with $\lambda = 420$ nm).

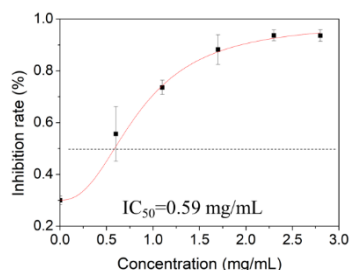


Fig. S3 Calculation of IC_{50} of ZAIS/PMAO-g-TAPP-10 (*E. coli* illuminated for 20 min by a 20 W LED lamp with $\lambda = 420$ nm).