

Supplementary Material

Gold-Stabilized Carboxymethyl Dextran
Nanoparticles for Image-Guided Photodynamic
Therapy of Cancer

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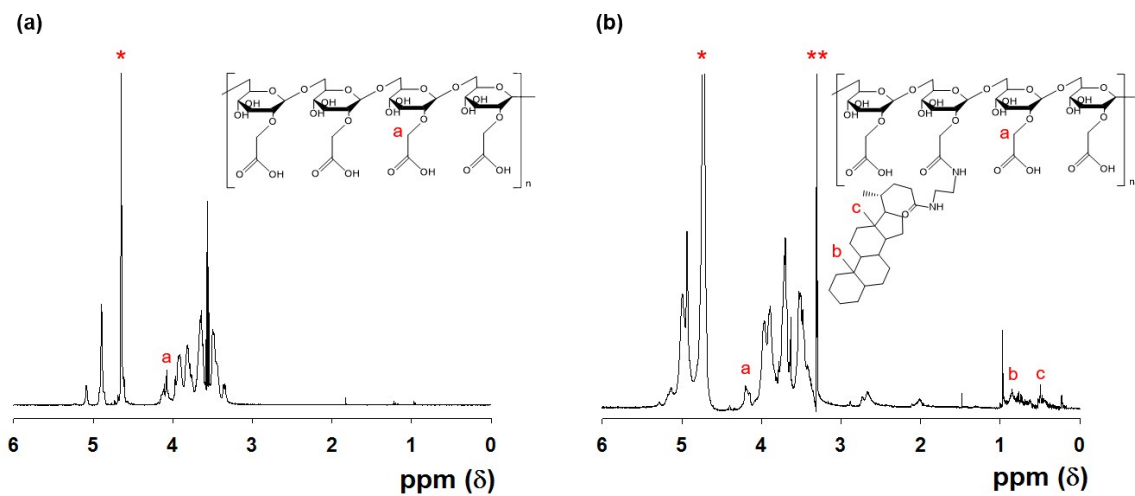


Fig. S1. ¹H-NMR spectra of (a) CMD (500 MHz, D₂O) and (b) CMD-CA conjugate (500 MHz, D₂O/CD₃OD)

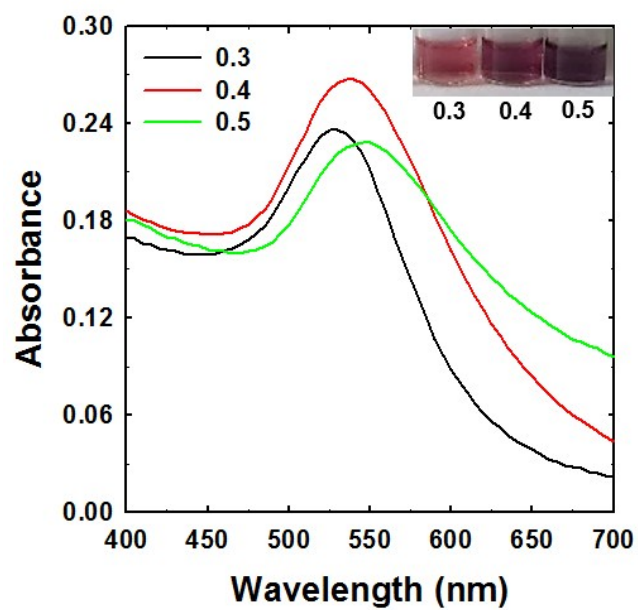


Fig. S2. UV/Vis spectra and a photograph of the GS-CNPs for different feed ratios of HAuCl₄ and tertiary amine.

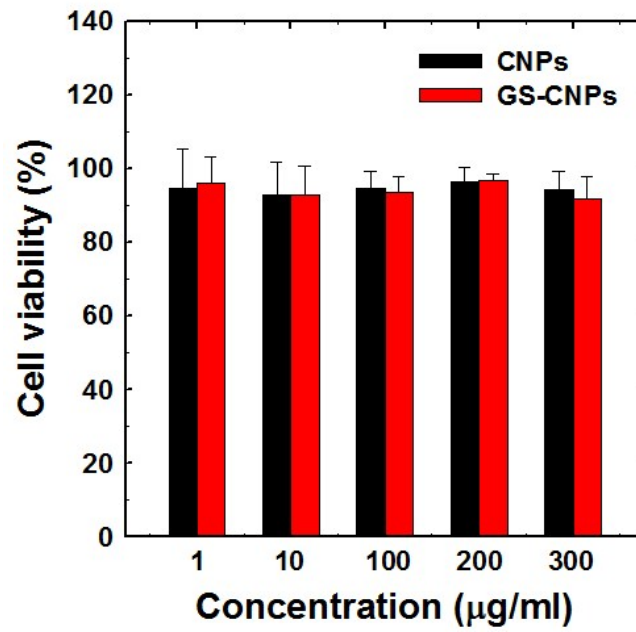


Fig. S3. *In vitro* cytotoxicity assessment. SCC7 cells were treated with different concentrations of CNPs or GS-CNPs.

Table S1. Physicochemical characteristics of CNPs. The characteristics were examined depending on the degree of substitution of the hydrophobic moiety.

Sample	Feed ratio^a	DS of CA^b	Size (nm)^c
CNPs(5)	0.10	5.4	131.5±0.7
CNPs(10)	0.20	9.6	160.8±1.4
CNPs(15)	0.40	14.1	208.2±0.6

^a Molar feed ratio of EtCA to sugar residues of CMD polymer

^b Degree of substitution calculated using ¹H-NMR

^c Measured by dynamic light scattering in PBS