

SUPPLEMENTARY MATERIALS

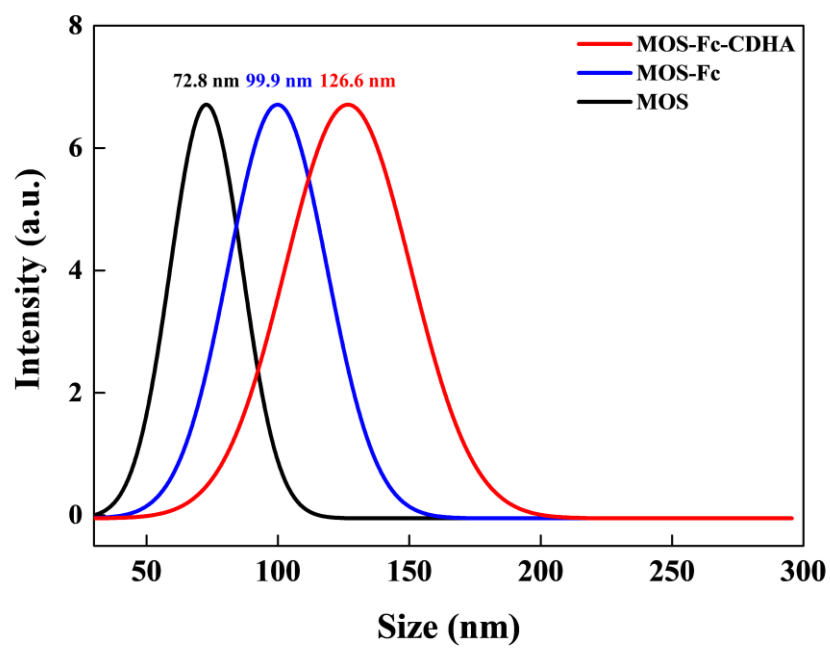
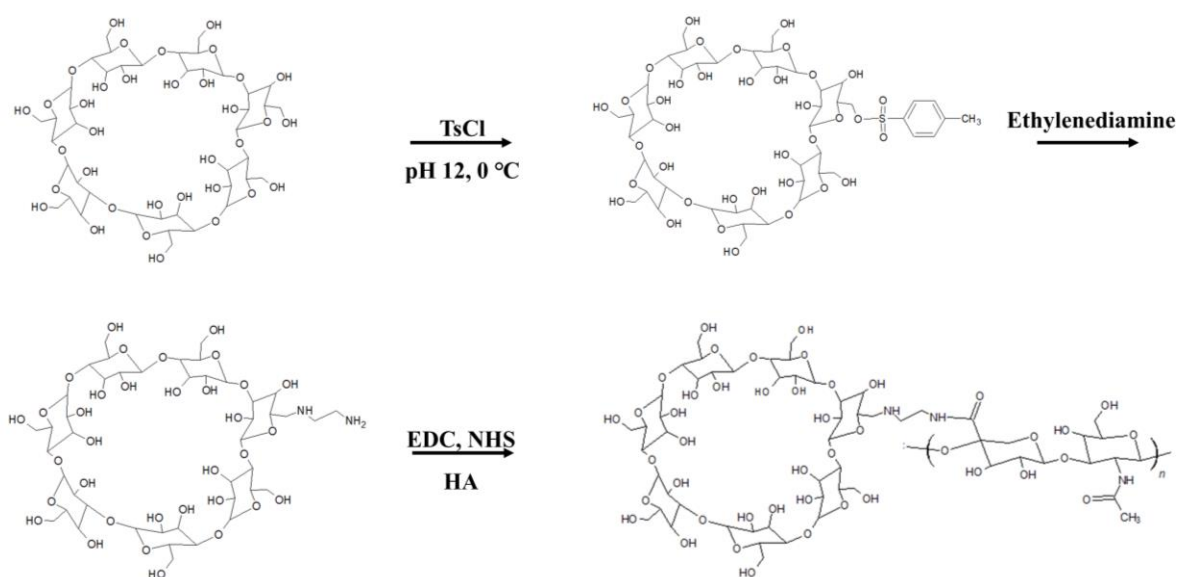


Figure S1. Size distribution of MOS, MOS-Fc, and MOS-Fc-CDHA nanocomposites



Scheme S1. Synthesis proecess of melanoma targeted and stimuli-responsive CDHA gatekeeper

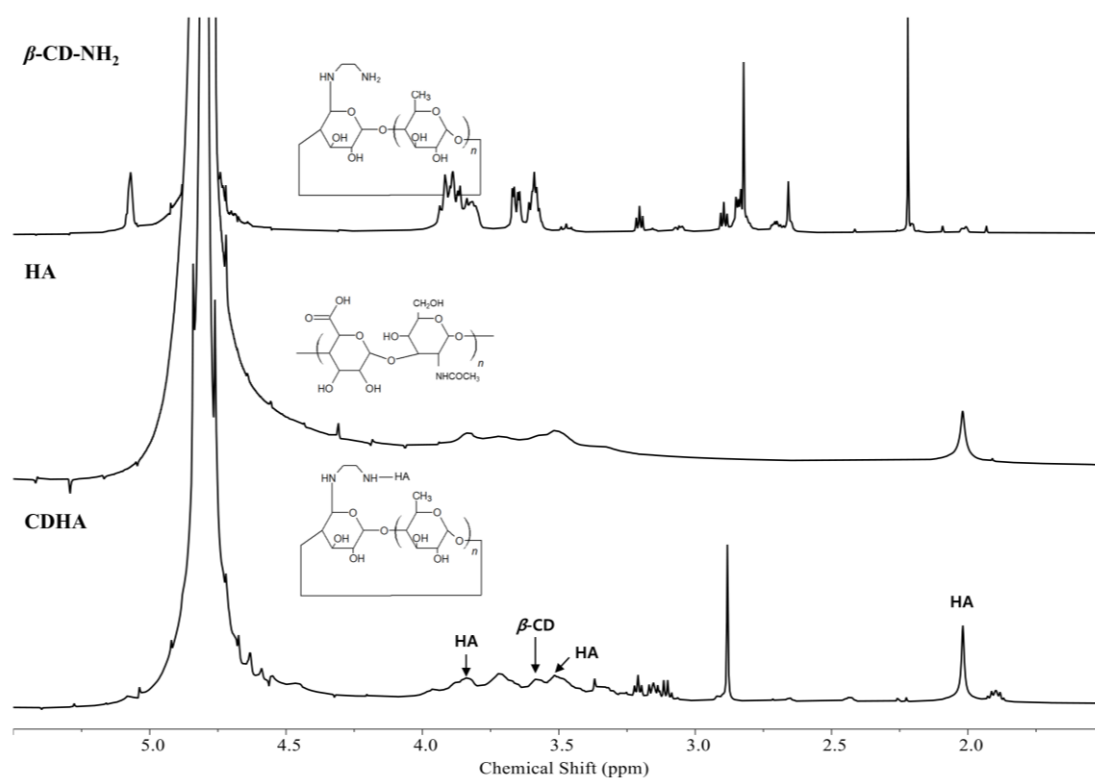


Figure S2. ^1H NMR spectra of $\beta\text{-CD-NH}_2$, HA, and CDHA gatekeeper

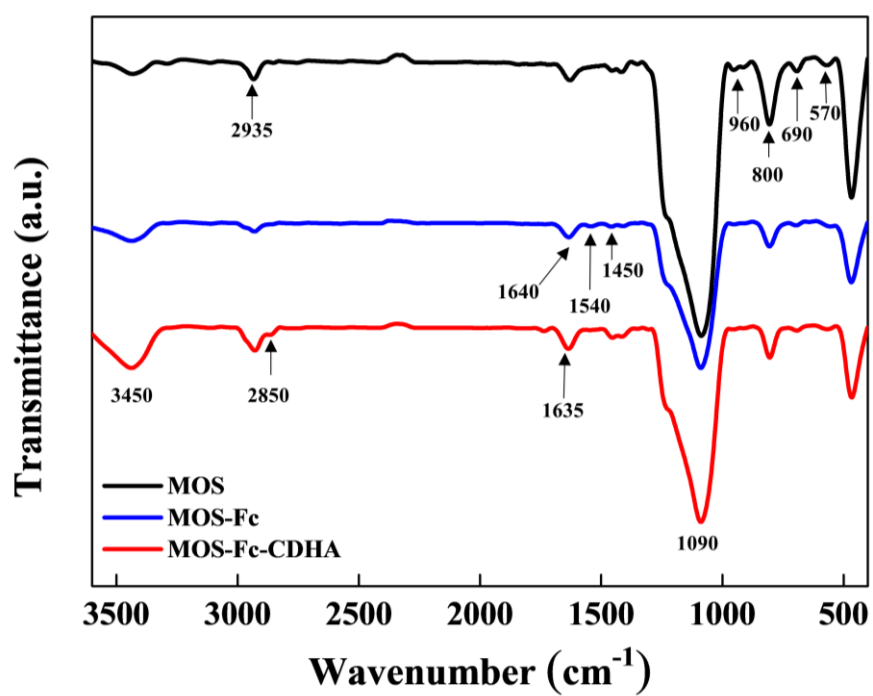


Figure S3. FTIR spectra of MOS, MOS-Fc, and MOS-Fc-CDHA nanocomposites.

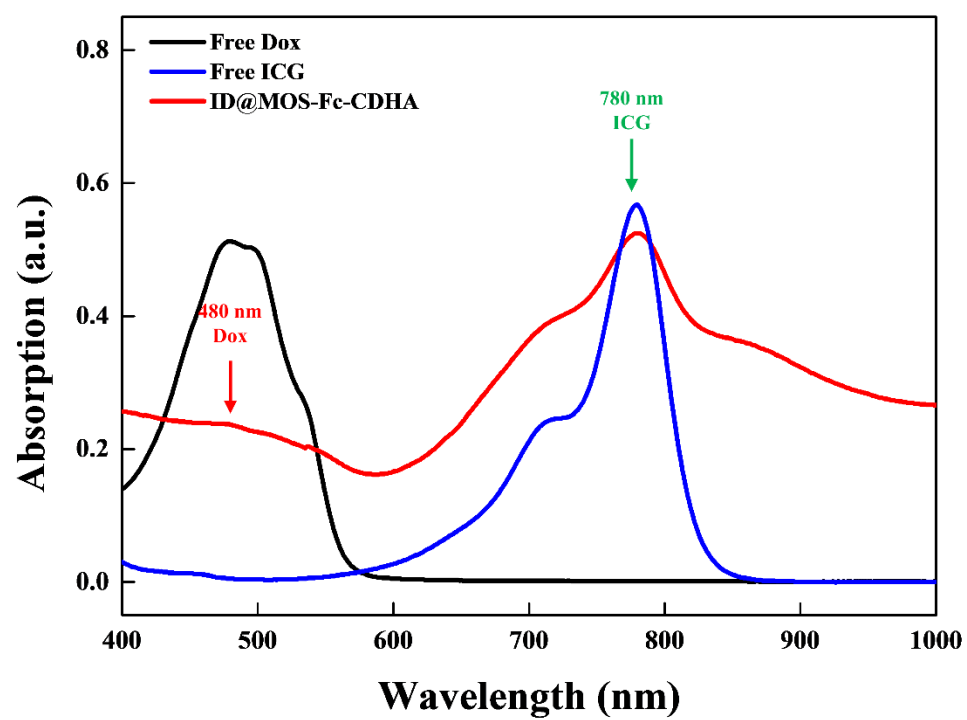


Figure S4. UV-vis spectra of free ICG, free Dox, and ID@MOS-Fc-CDHA nanocomposites.

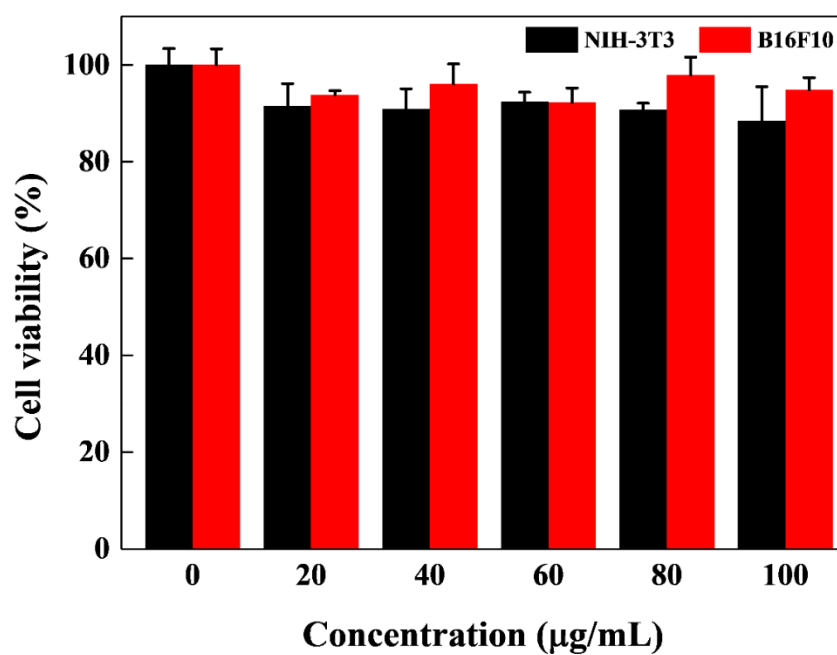


Figure S5. Cytotoxicity analysis of MOS-Fc-CDHA nanocomposites against NIH-3T3 fibroblast and B16F10 melanoma cells.