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## **Supporting information**

## Modification of Magnetic Molybdenum Disulfide by

## Chitosan/Carboxymethylcellulose with Enhanced dispersibility

## for Targeted photothermal-/chemotherapy of Cancer

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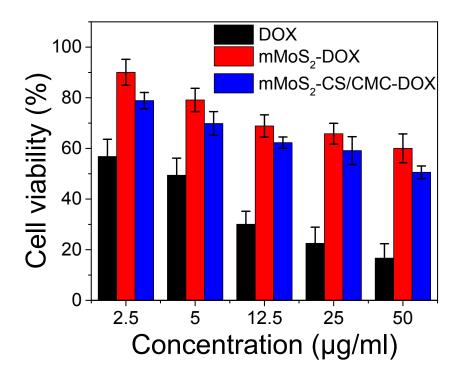


Fig. S1 Cell viability of DOX and DOX loaded samples after the incubation with MDA-MB-231 cells for 24 h.

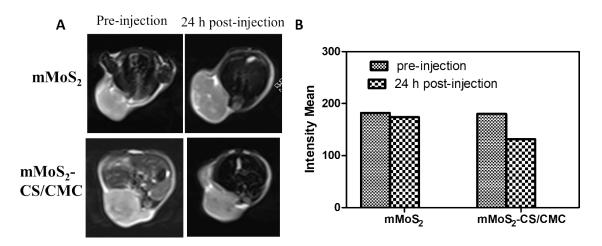


Fig. S2 In vivo  $T_2$ -weighted magnetic resonance images of tumors (A) and signal intensity of mice tumors (B) pre-injection and 24 h post-injection of mMoS<sub>2</sub> and mMoS<sub>2</sub>-CS/CMC.