

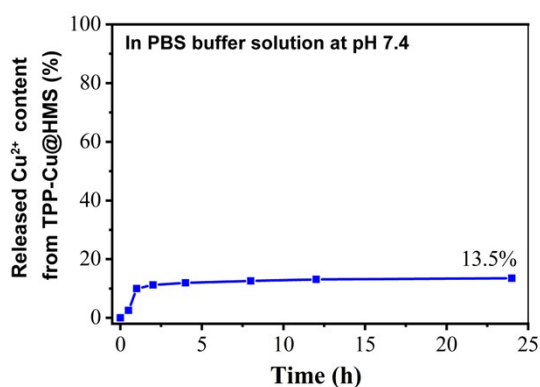
## SUPPORTING INFORMATION

### Ultrasonic-induced reactive oxygen species generation and mitochondria-specific damage by sonodynamic agents / metal ion dropped mesoporous silica

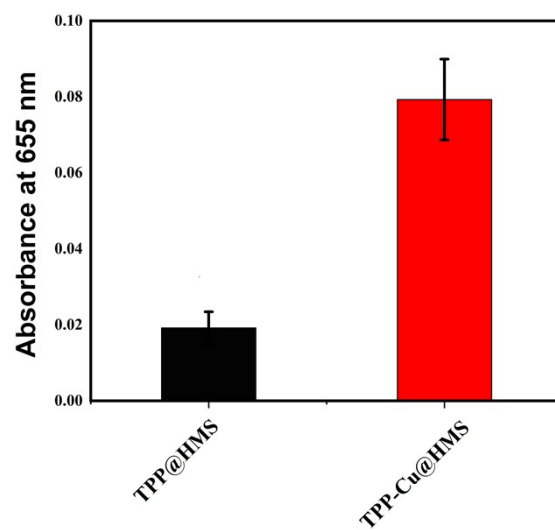
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**Figure S1**, the percentage of Cu<sup>2+</sup> released from TPP-Cu@HMS under the PBS buffer solution at pH 7.4.



**Figure S2**, The intracellular  $\cdot\text{OH}$  generation from TPP@HMS or TPP-Cu@HMS treated HepG2 cells without US, and analyzed by adding the TMB (250  $\mu\text{M}$ ) in medium.