Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.
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Supporting Information

MoS_2-Based Multipurpose Theranostic Nanoplatform: Realizing Dual-Imaging-Guided Combination Phototherapy to Eliminate Solid Tumor via a Liquefaction Necrosis Process

Chuanqi Song,[a,b] Chunyu Yang,[a] Fei Wang,[b] Dandan Ding,[a,b] Yan Gao,[a] Wei Guo,[b] Mei Yan,[b] Shaoqin Liu[b] and Chongshen Guo *[a,b]*

a. School of Chemistry and Chemical Engineering, Harbin Institute of Technology, Harbin 150080, China. E-mail: chongshenguo@hit.edu.cn

b. The Key Laboratory of Micro-systems and Micro-structures Manufacturing, (Ministry of Education), Academy of Fundamental and Interdisciplinary Sciences, Harbin Institute of Technology, Harbin 150080, China.

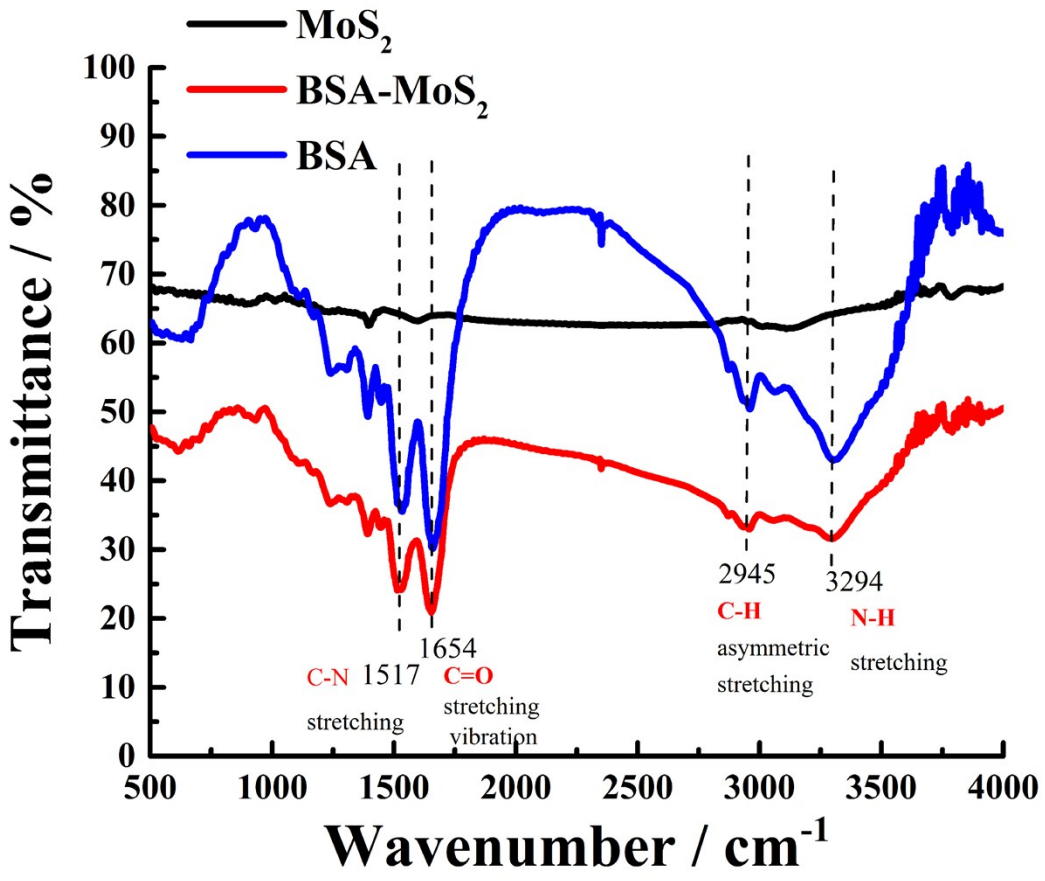

Figure S1 FT-IR spectra of MoS_2, BSA-MoS_2 and BSA.

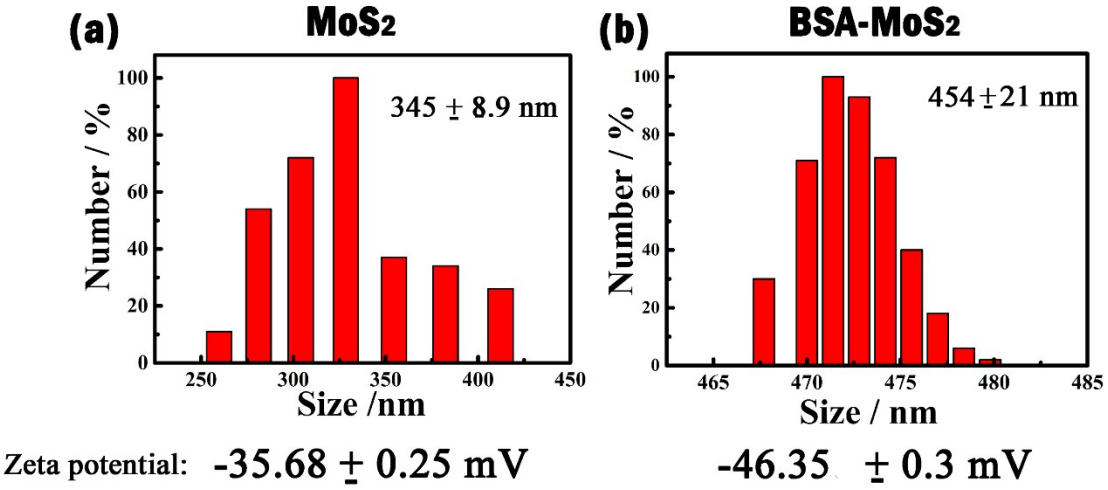

Figure S2 Hydrodynamic size and zeta potential of MoS_2 and BSA-MoS_2**.**

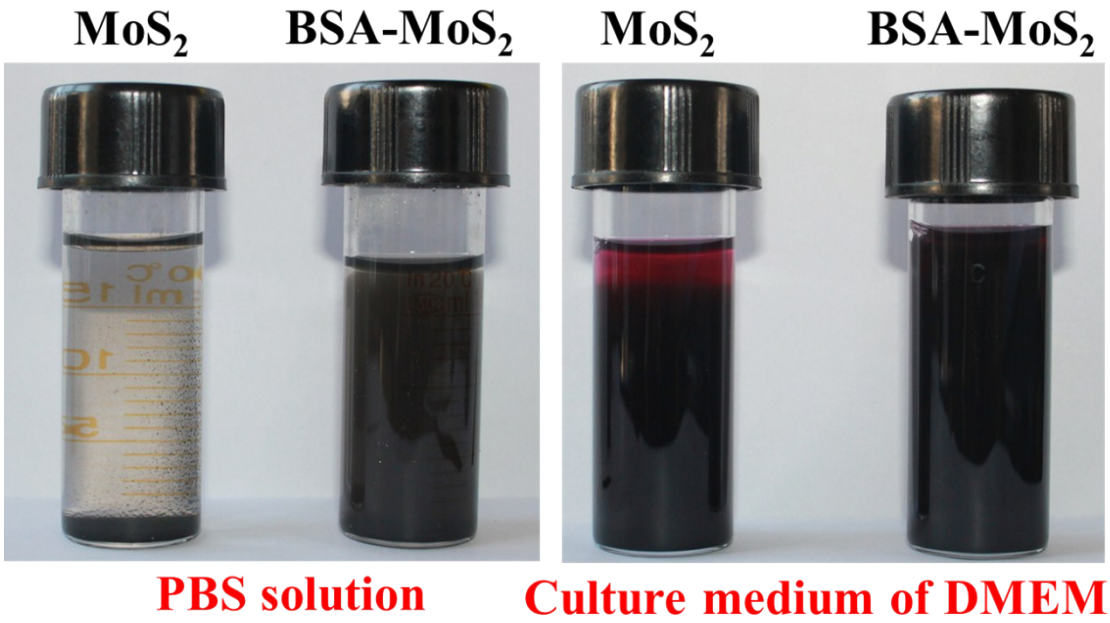

Figure S3 Photographs of MoS_2 and BSA-MoS_2 dispersed in PBS solution or DMEM culture medium.

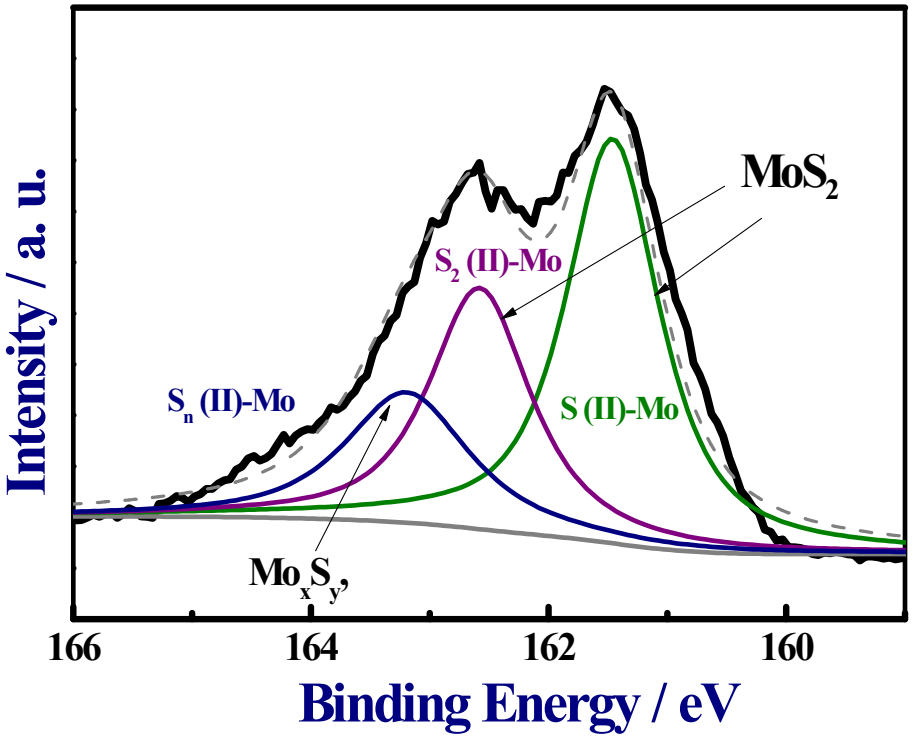

Figure .S4 XPS spectra of S element

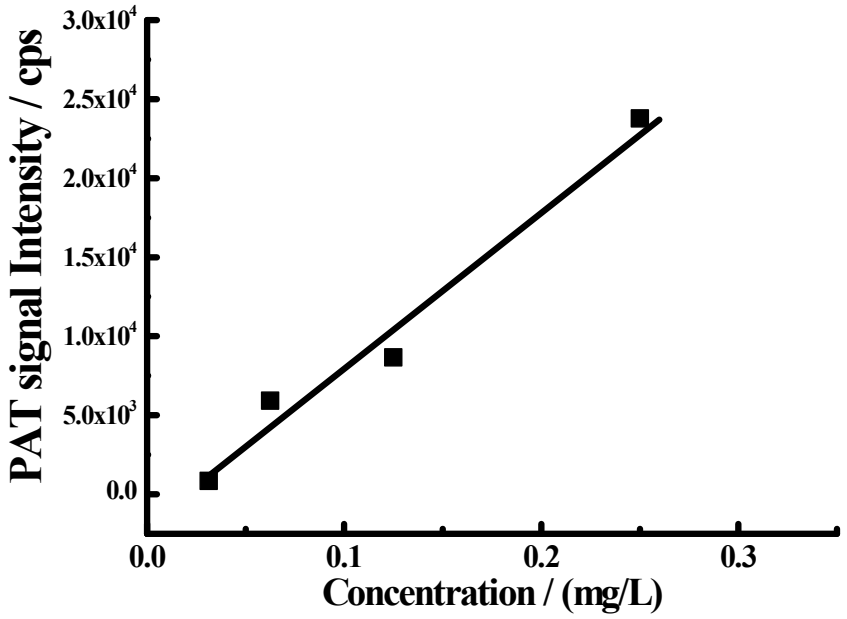

Figure .S5 Plot of photoacoustic signal versus BSA-MoS_2 concentration.

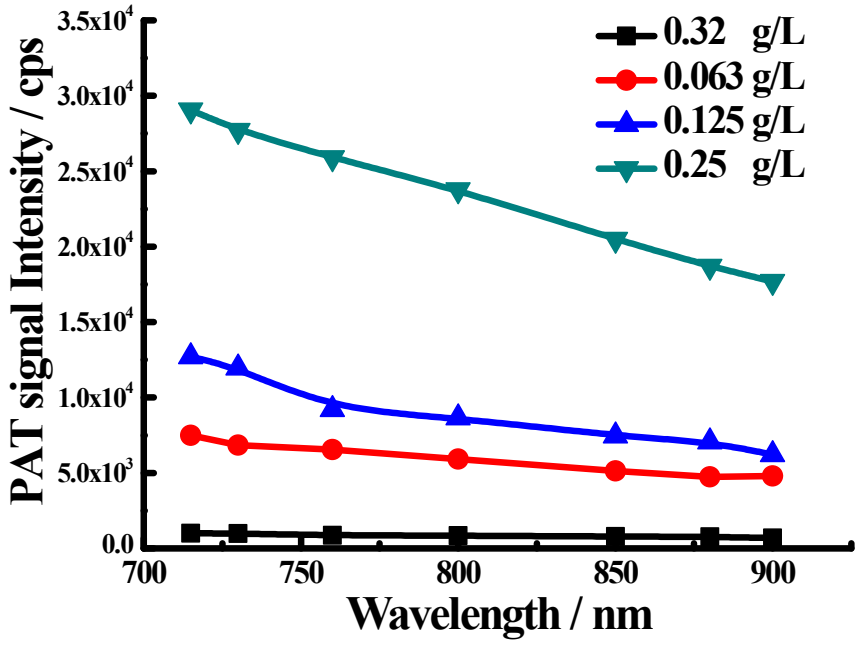

Figure .S6 PAT signal of BSA-MoS_2 solutions at different concentrations.

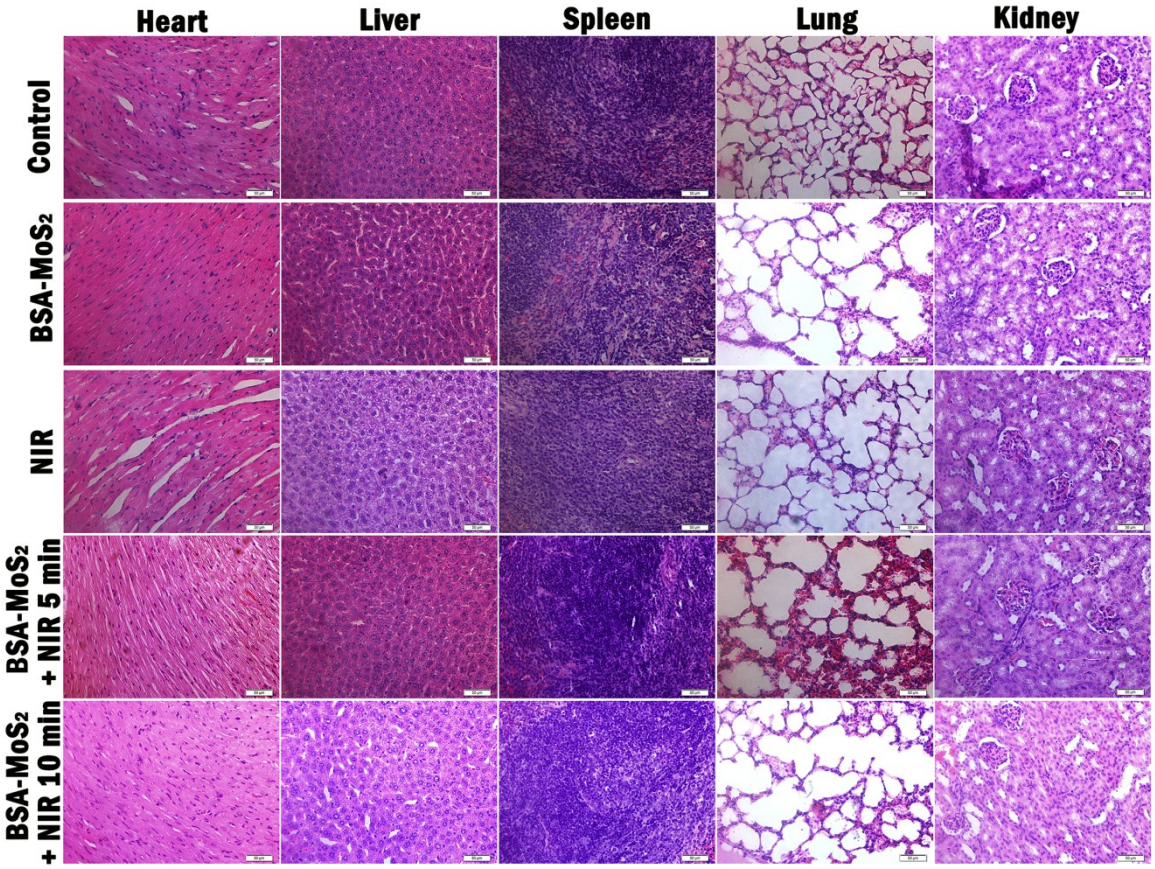

Figure S7 Histology staining of major organs harvested from different groups of mice 14 days after various treatments. (Scale bar: 50 μm)

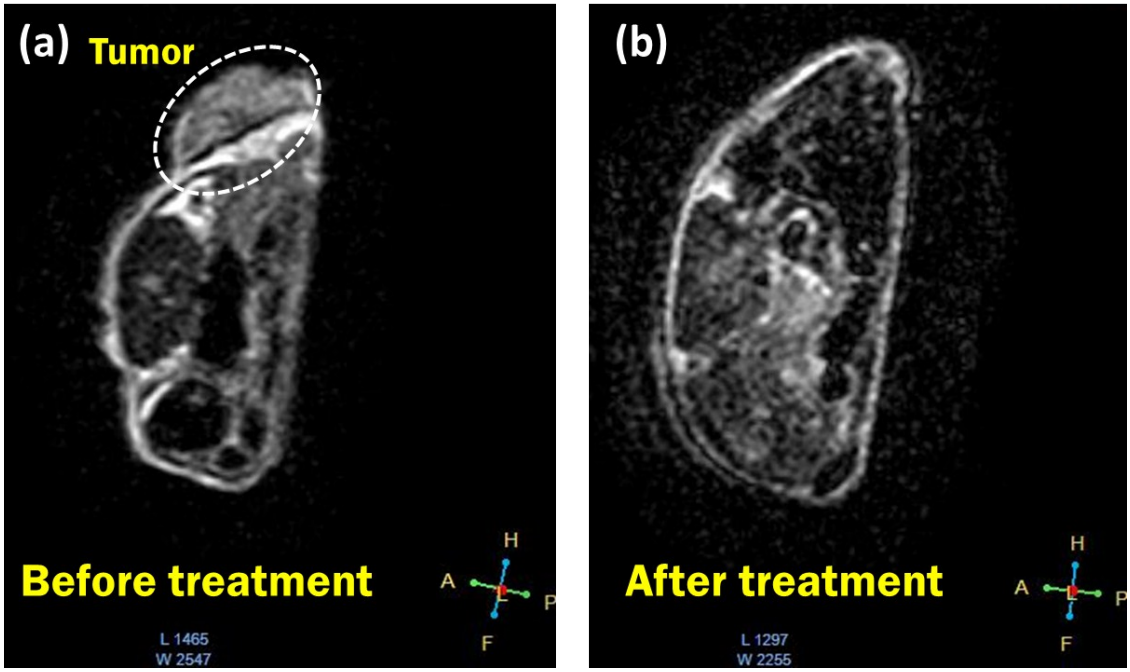

Figure S8 MRI images showing tumor before and at 14th day after treatment. (Scale bar: 50 μm)

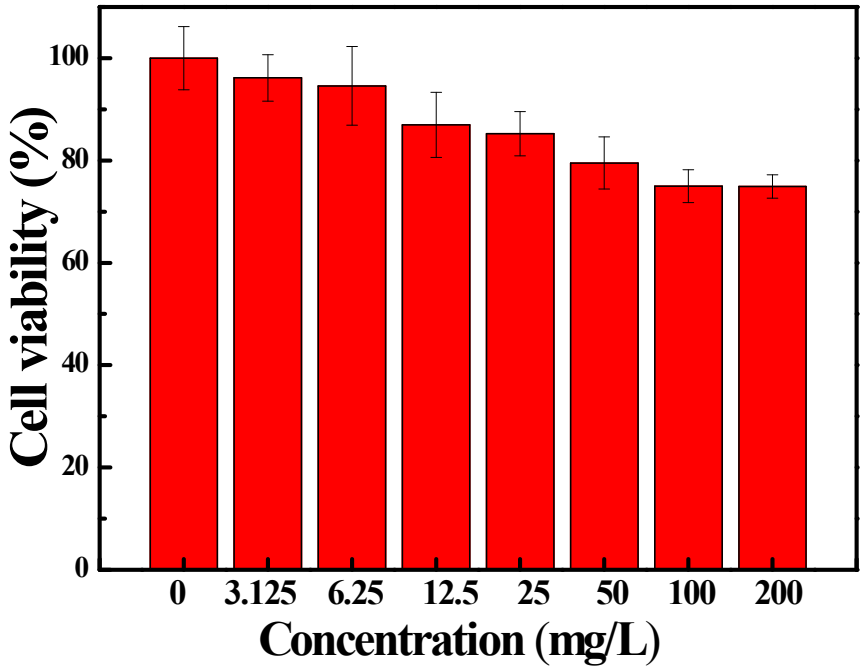

Figure .S9 Cell viability versus concentration of BSA-MoS_2. This was determined by MTT assay.