

Supporting Information

NIR-II responsive PEGylated MoO₂ nanocrystals with LSPR for efficient photothermal and photodynamic performance enhancement

Xuejiao Li,^{1,} Bo Li,¹ Wenbo Zhang, Zimo Chen, Jinping Liu, Yu Shi, Huanyan Xu, Lianwei
Shan, Xin Liu, Limin Dong*

**Heilongjiang Provincial Key Laboratory of CO₂ Resource Utilization and Energy Catalytic
Materials, School of Materials Science and Chemical Engineering, Harbin University of
Science and Technology, Harbin, 150040, PR China**

* Correspondence: lixuejiao@hrbust.edu.cn

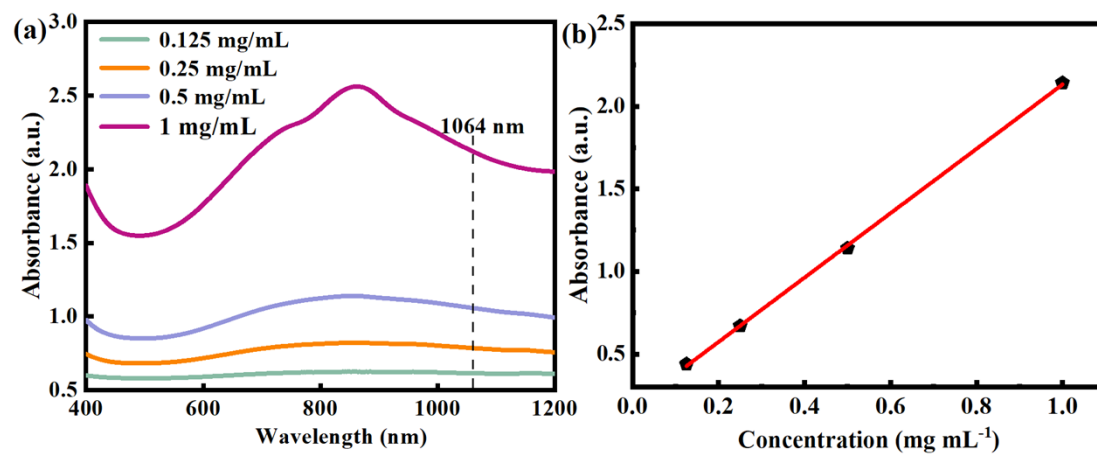


Fig. S1 (a) The UV-vis-NIR absorption spectra and (b) absorbance intensity of the PEG-MoO₂ NPs at the different concentrations.

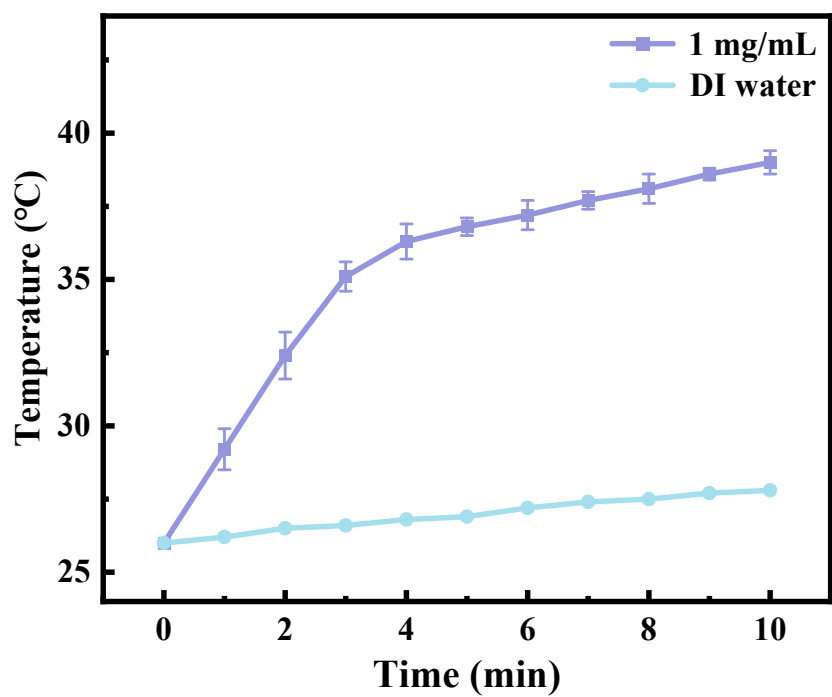


Fig. S2 Temperature change curves of PEG-MoO₂ under 808 nm, 0.33 W·cm⁻² laser irradiation.