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Supporting Information

A colorimetric sensing platform for determination of H_2O_2 with 2D-1D MoS_2-CNTs nanozymes

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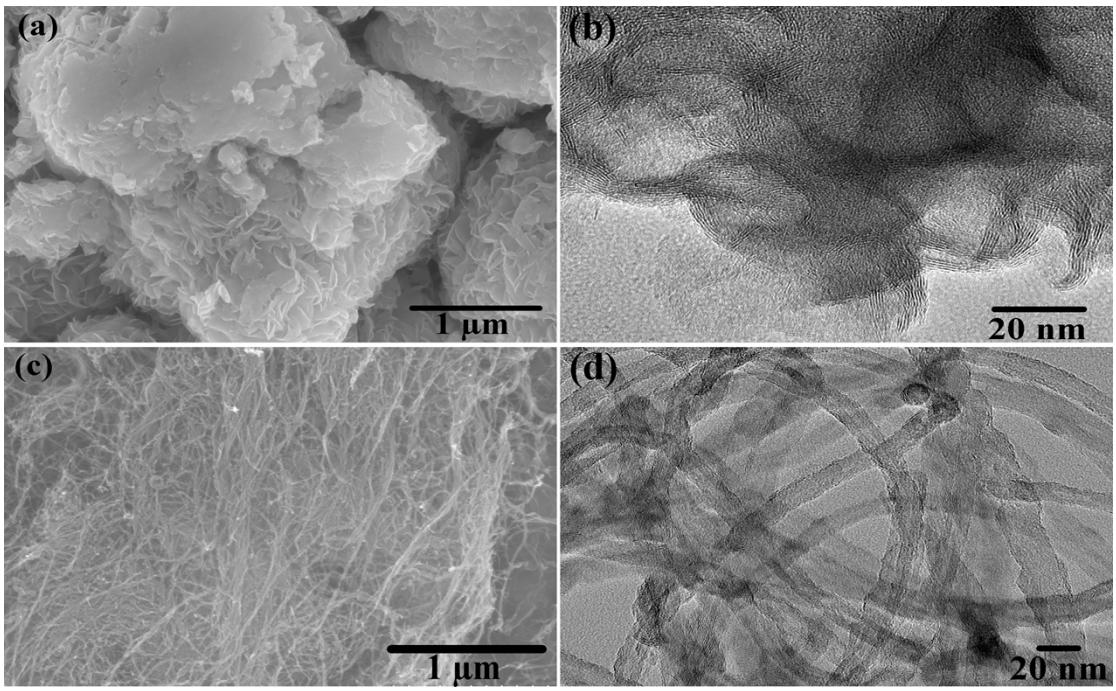

Fig. S1 (a) SEM and (b) TEM images of MoS_2 NSs, (c) SEM and (d) TEM images of CNTs.

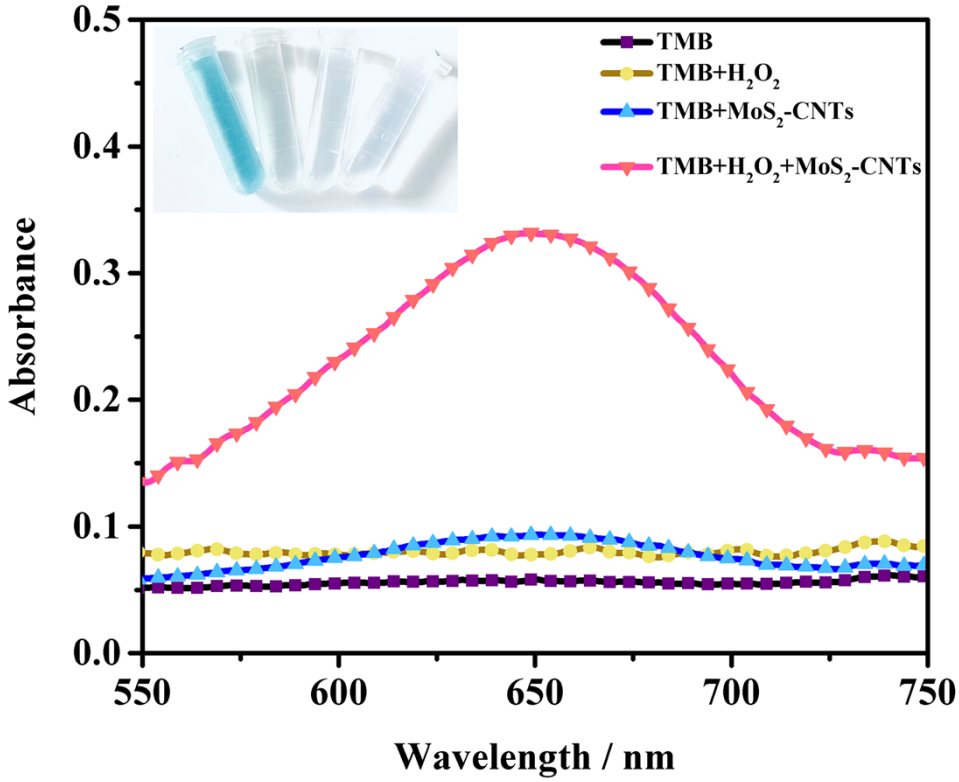

Fig. S2 The absorption spectrum with such reaction systems. inset: from left to right: TMB+H_2O_2+MoS_2-CNTs, TMB+ MoS_2-CNTs, TMB+H_2O_2, TMB.

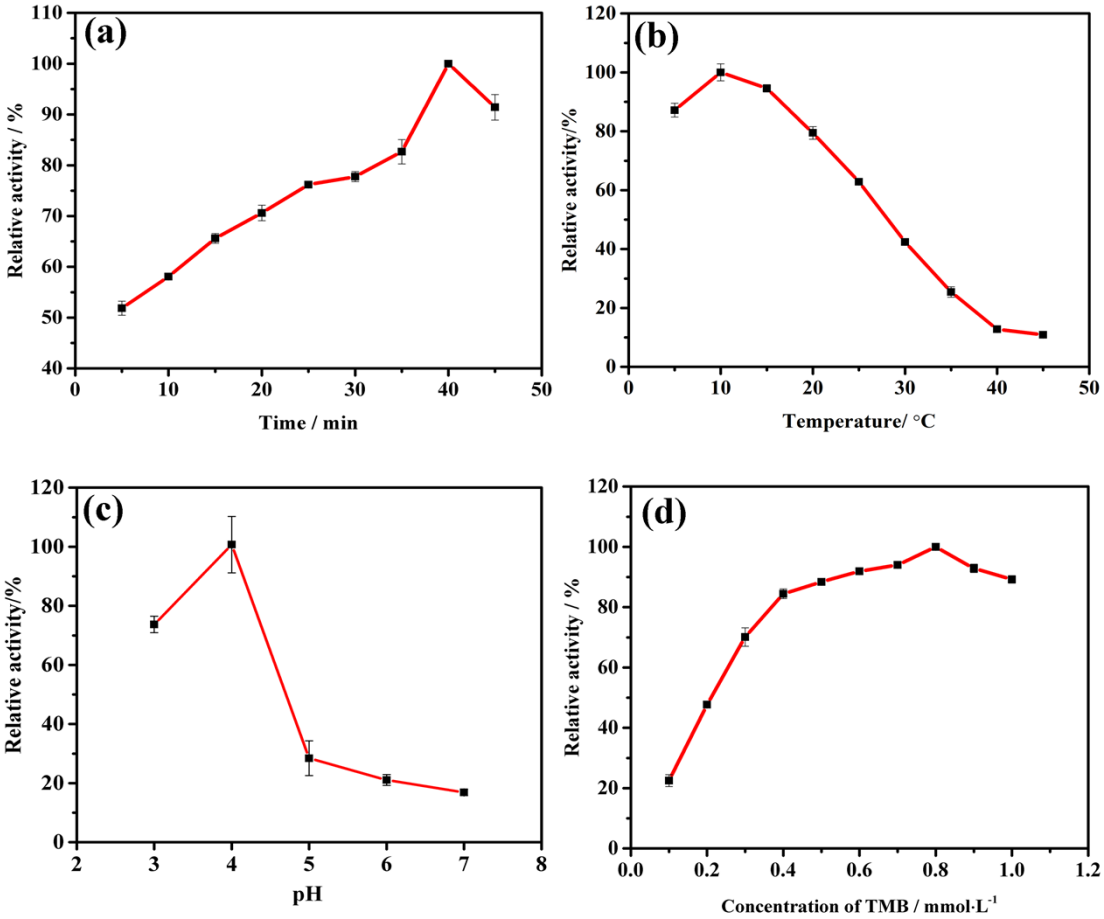

Fig.S3 Dependence of the POD-like of MoS_2-CNTs nanozyme on (a) time, (b) temperature, (c) pH and (d) concentration of TMB.