

Fig. S1 (a) SEM image of the ZnO rods treated with 4-h sulfidation. (b) TEM image of the ZnO rod treated with 4-h sulfidation wherein the ZnO rod transformed into ZnS tube.

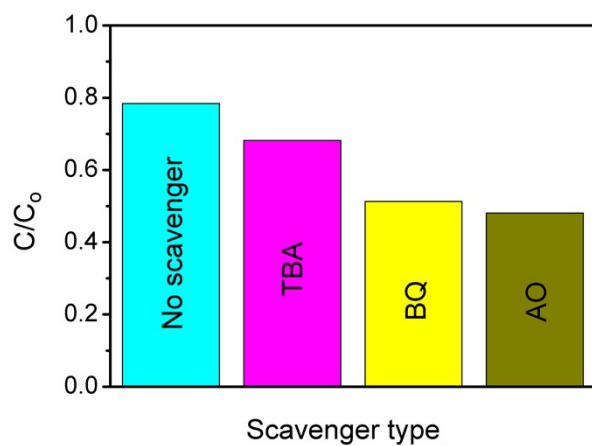


Fig. S2 The effects of various scavengers for the photocatalytic degradation of MB solution using ZnO-ZnS-3 for 75 min.