

Electronic Supplementary Information

Intense Emission from Photoproteins Interacted with Inorganic Nanosheets

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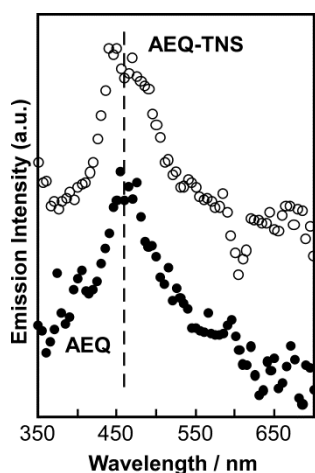


Figure 1S. Emission spectra of AEQ solution (0.5 mg/ml, 80 μ l) with or without TNS (0.19 mg/ml) at pH 8 after addition of CaCl_2 (100 mM, 60 μ l).

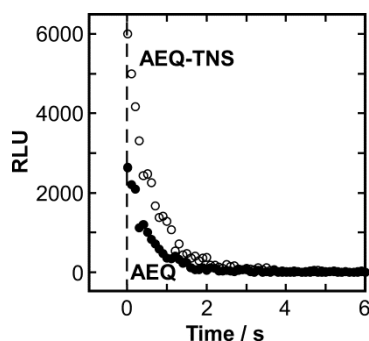


Figure 2S. Transient emission curves of mixed solutions (50 μ l) of AEQ (0.1 mg/ml) and TNS (0 or 11 mM) after dispensing CaCl_2 solution (100 mM, 15 μ l).

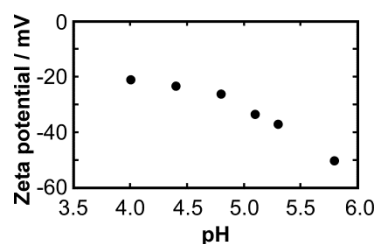


Figure 3S. pH dependence of zeta potential of AEQ (0.1 mg/ml). The AEQ stock solution was dissolved into 0.5 mM EDTA, and the solution pH was adjusted by titrating with 0.01 M HCl.

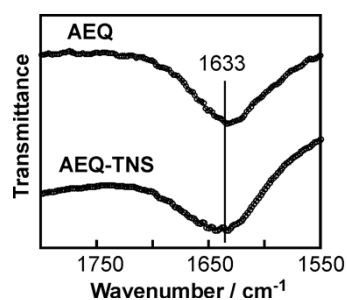


Figure 4S. FTIR transmission spectra of free AEQ and AEQ-TNS.

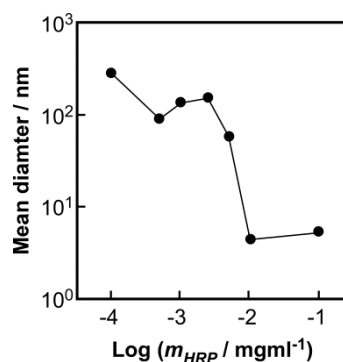


Figure 5S. Apparent molecular size of HRP in 20 mM acetate buffer solution (pH 4) as a function of weight concentration.