

Supporting Information

Biocompatible poly(N-vinylimidazole) dot with both strong luminescence and good catalytic activity

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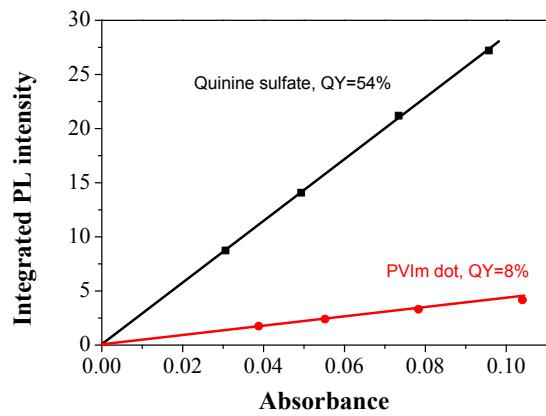


Fig. S1 Photoluminescence and absorbance of PVIm -dot (Excitation wavelength 345 nm; Quinine sulfate as standard reference with quantum yield 54%)

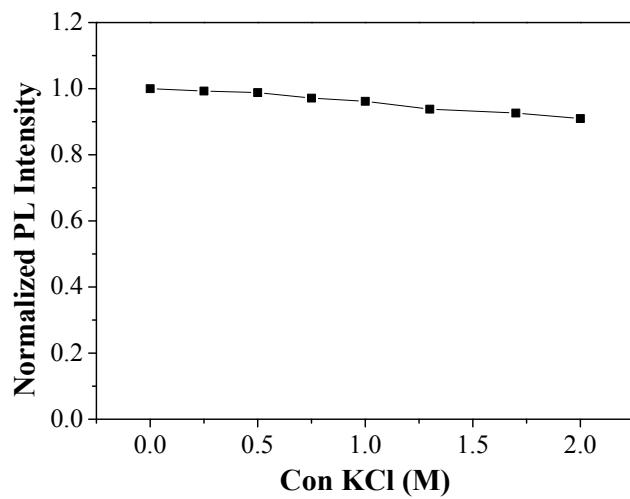


Fig. S2 The quenching behavior of KCl on PVIm -dot

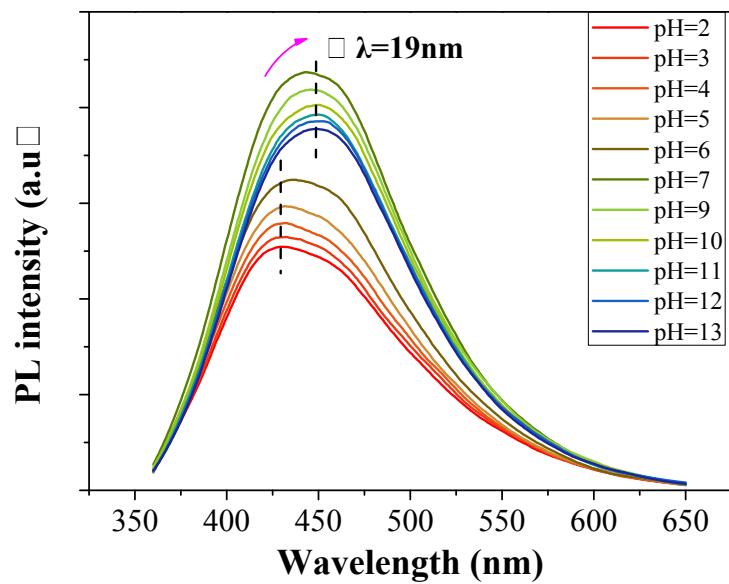


Fig. S3 The PL spectra of PVIm-dot with different pH (1mg/mL in aqueous solution, 345nm excitation)

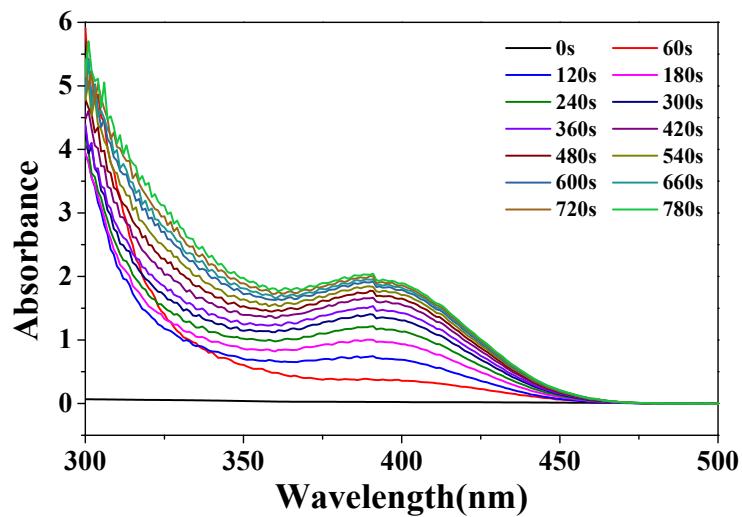


Fig. S4 Time dependence of the UV-vis spectra recorded during the hydrolysis of NPA catalyzed with PVIm-dot