

Electronic Supplementary Information (ESI) for Photochemical & Photobiological Sciences

Peptide-linked porphyrin sensitiser and colloidal Pt or Ir catalyst in the H₂ formation reaction

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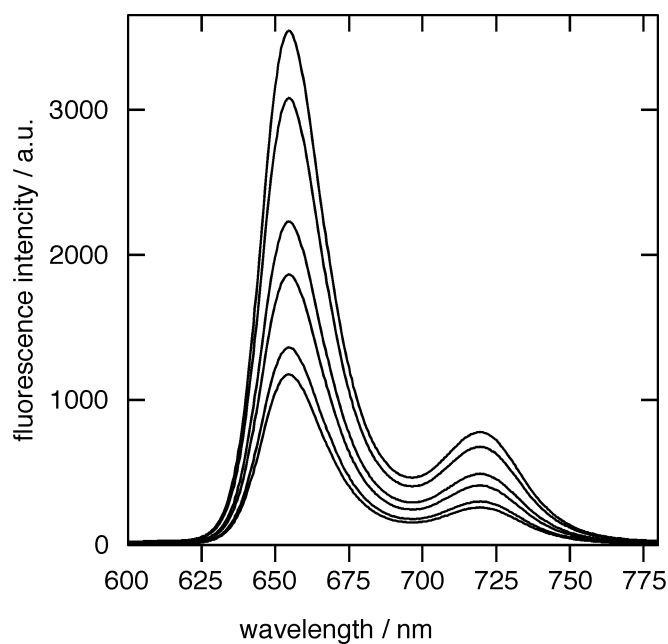


Fig. S1 Fluorescence emission spectra of **2** (1.5 μmol L⁻¹) in pH 7.0 buffer solution/EtOH/DMF (64:22:14) excited at 553 nm in the presence of 0, 50, 100, 150, 250 and 350 μmol L⁻¹ Ir-*p*Glu.

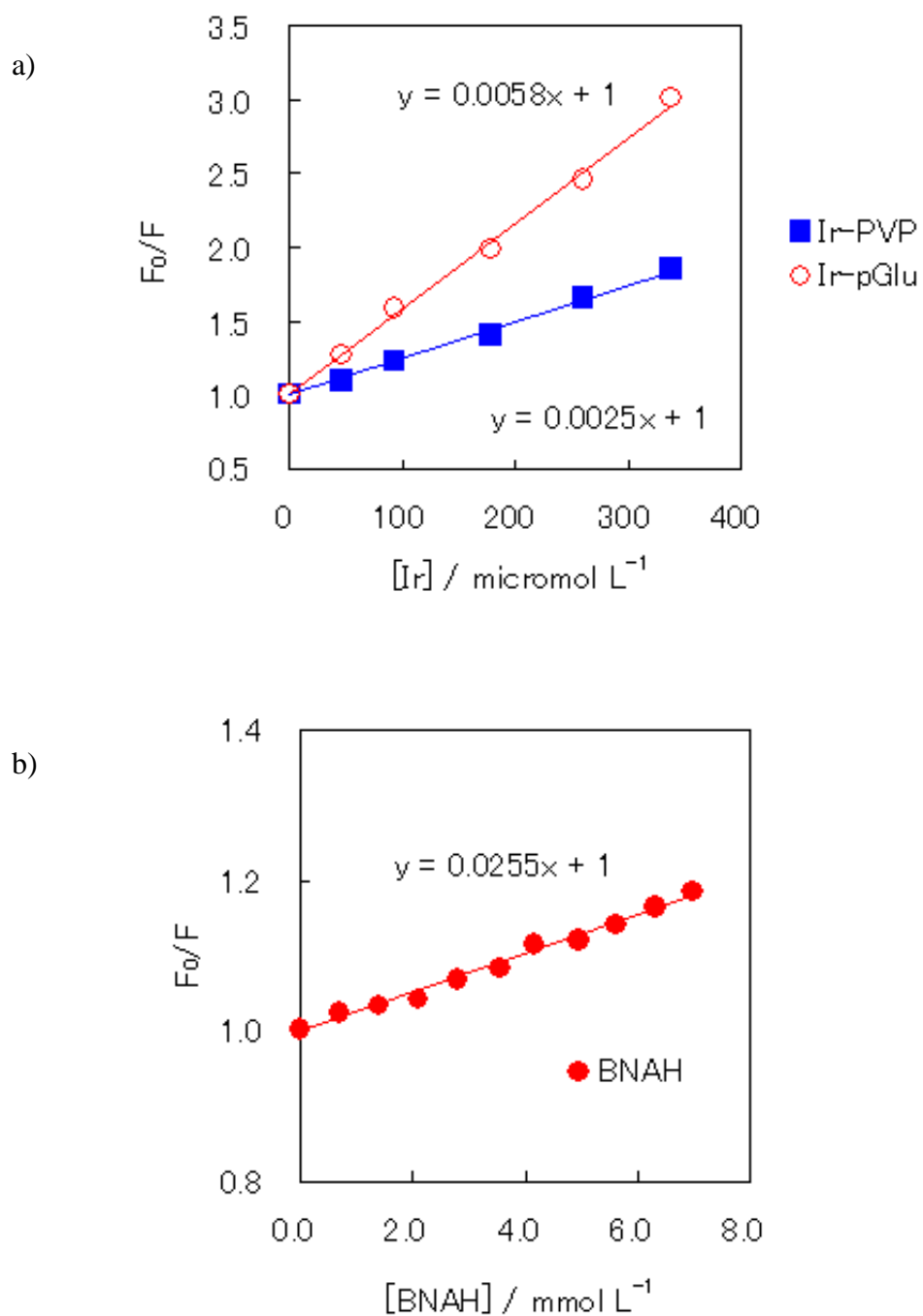


Fig. S2 Stern-Volmer plots for the fluorescence quenching of **2** ($1.5 \mu\text{mol L}^{-1}$) in pH 7.0 buffer solution/EtOH/DMF (64:22:14) excited at 553 nm in the presence of a) 0, 50, 100, 150, 250 and $350 \mu\text{mol L}^{-1}$ Ir-*p*Glu (blue square) and Ir-PVP (red circle) and b) 0, 0.70, 1.4, 2.1, 2.8, 3.5, ... 5.6, 6.3 and 7.0 mmol L^{-1} BNAH.