Supplementary Material (ESI) for *PCCP*

Supporting Information

Photo-controlled Zn^{2+} Release System with Dual Binding-site and Turn-on Fluorescence

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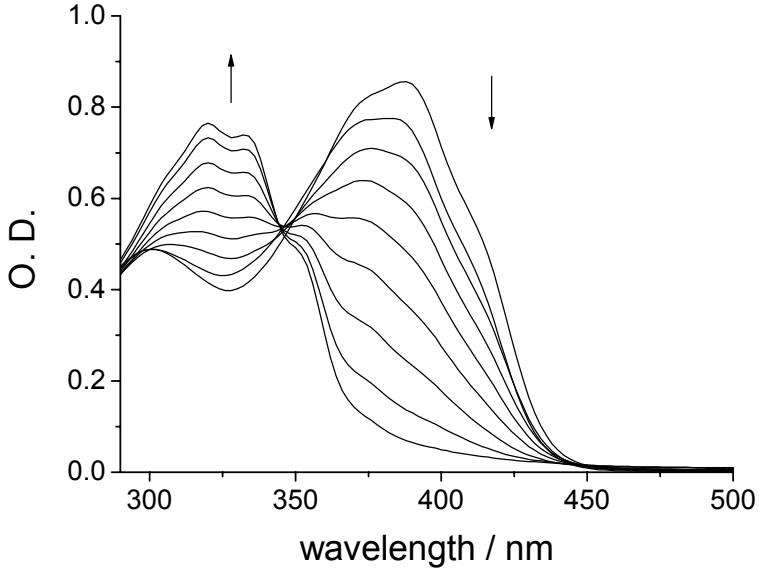

Fig. 1. Absorption changes of free ligand **1** upon 365 nm light irradiation in CH_3CN (25 μM, periods: 0, 6, 12, 18, 24, 30, 36, 42, 48 min).

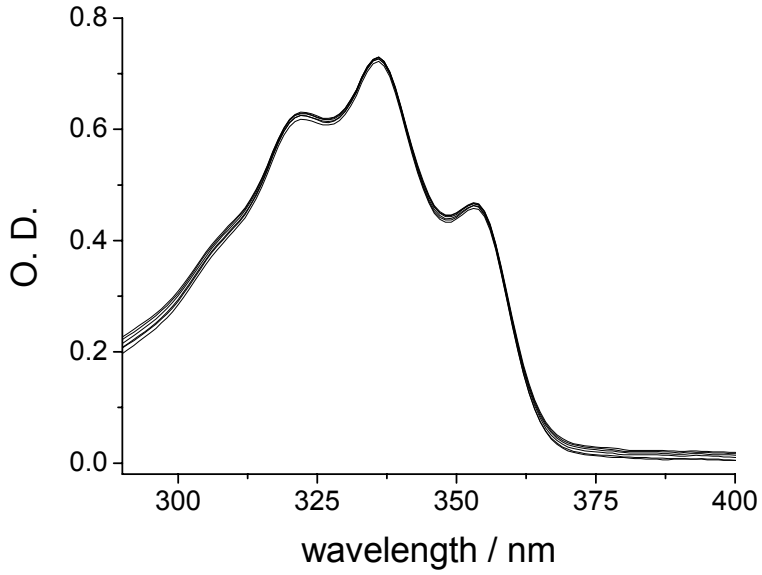

Fig. 2. Absorption changes of **compound 2** (20 μM) upon addition of $Zn(OAc)_2$ in CH_3CN (0, 10, 20, 30, 40, 50 μM).

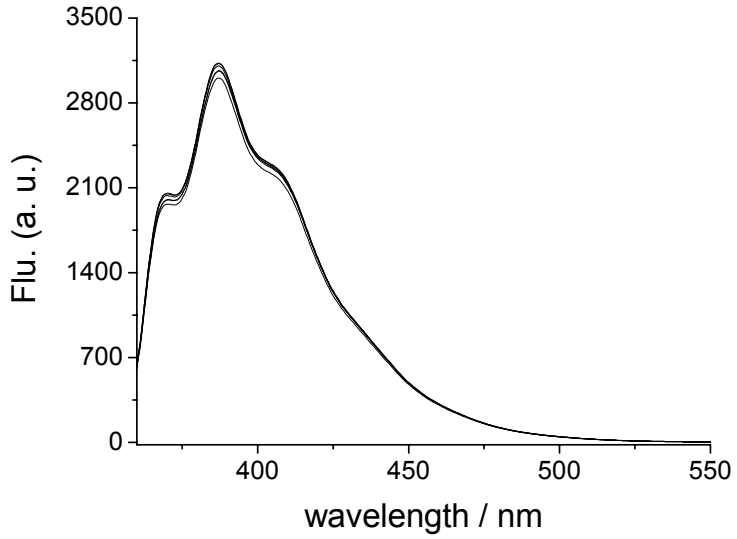

Fig. 3. Fluorescence changes of **compound 2** (20 μM) upon addition of $Zn(OAc)_2$ in CH_3CN (λ_{ex} = 353 nm, periods: 0, 10, 20, 30, 40, 50 μM).