Two blue-light excitable yellow-emitting LMOF phosphors constructed by triangular tri(4-pyridylpheny)amine

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Supporting Information
Fig. S1. $^1$H NMR of tppa.
Fig. S2. ESI-MS of tppa.
Fig. S3. (a) Coordination environment of the Zn$^{2+}$ ion in 1. Symmetry code: #1 = 2 - x, y, 1.5 - z. (b) Coordination environment of the Zn$^{2+}$ ion in 2. Symmetry code: #1 = - x, 1 - y, 1 - z. (c) The C-H...π interactions in layers of 1. (d) View of the rectangular channel in 2. (e) Framework of 1 viewed along the c-axis. (f) Framework of 2 viewed along the c-axis. The hydrogen atoms are omitted for clarity.
Fig. S4. PXRD patterns. From bottom to top: simulated 1, as made 1, desolvated 1’.
Fig. S5. PXRD patterns. From bottom to top: simulated 2, as made 2, desolvated 2′.
Fig. S6. TG profiles. As made 1 (red), desolvated 1' (black).
Fig. S7. TG profiles. As made 2 (red), desolvated 2’ (black).
**Fig. S8.** Emission spectra of ndc (black), sdc (red), tppa (blue), 1 (green) and 2 (magenta) ($\lambda_{ex}$=365nm).
Fig. S9. Suspension of 1 (a) and 2 (b) dissolved in ethyl acetate.
Fig. S10. $^1$H NMR spectrum of the as made 1 dissolved in DMSO-d6.
Fig. S11. $^1$H NMR of the as made 2 dissolved in DMSO-d6.