## Highly selective acetone fluorescent sensors based on microporous Cd(II) metal-organic frameworks

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**Supporting Materials** 

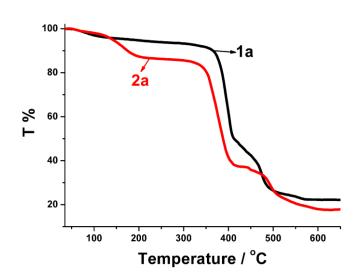
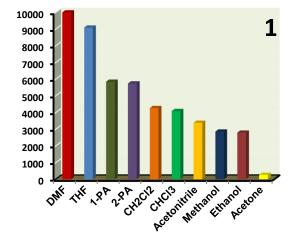


Figure S1. Thermogravimetric analyses of 1a and 2a.

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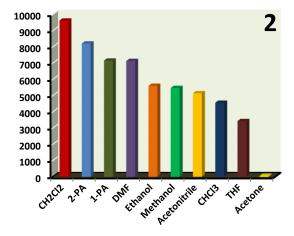


Figure S2. The luminescence intensity of 1a ( $\lambda_{max} = 372 \text{ nm}$ ) and 2a ( $\lambda_{max} = 367 \text{ nm}$ ) in various pure solvents when excited at 299 nm, and 292 nm, respectively.