

Electronic Supplementary Information for

Paddlewheel SBU based Zn MOFs: Syntheses, Structural Diversity, and CO₂ Adsorption Properties

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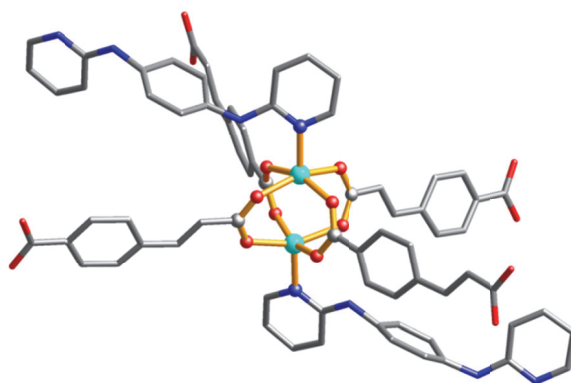


Figure S1. Coordination environment around Zn(II) center in **2**. The Zn...Zn separation in the $\{Zn_2(COO)_4\}$ SBU is 2.9694(12) Å.

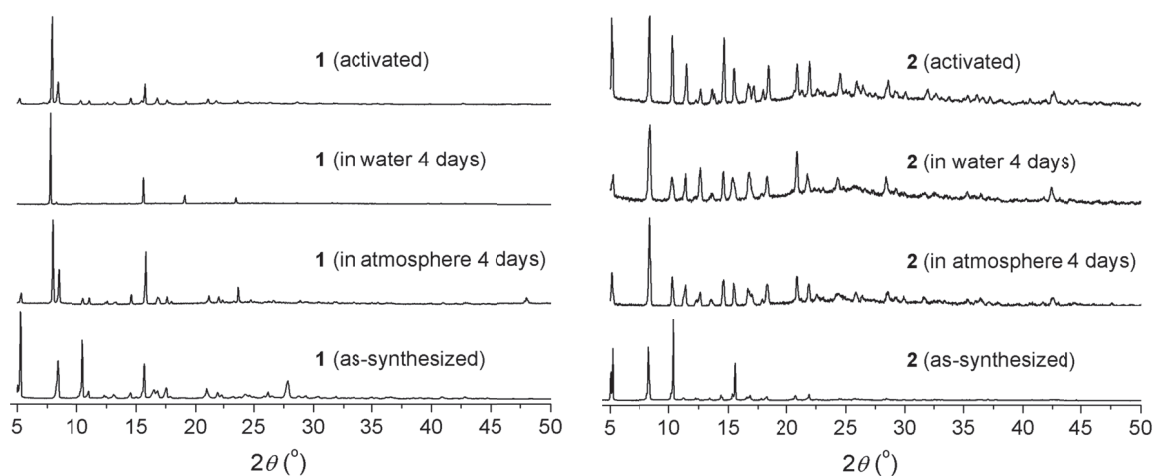


Figure S2. PXRD patterns of **1** and **2**: as-synthesized, in atmosphere 4 days, in water 4 days, and activated.

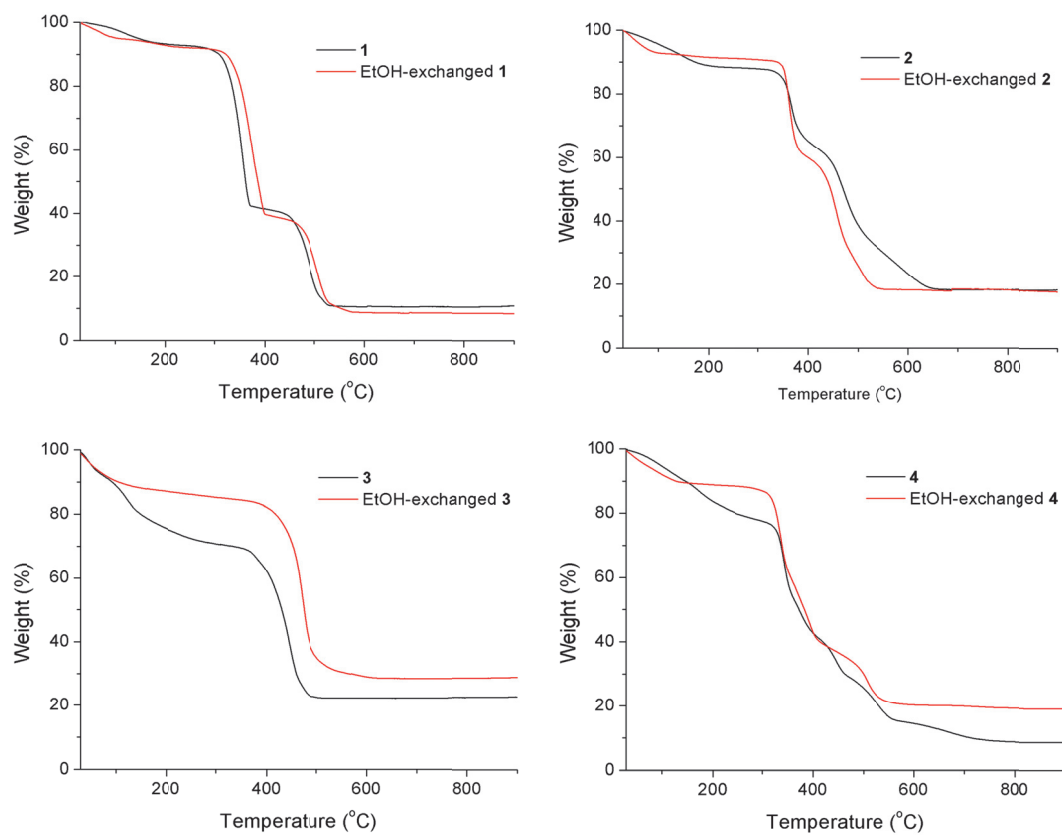


Figure S3. Thermogravimetric curves of as-synthesized and EtOH-exchanged 1–4.

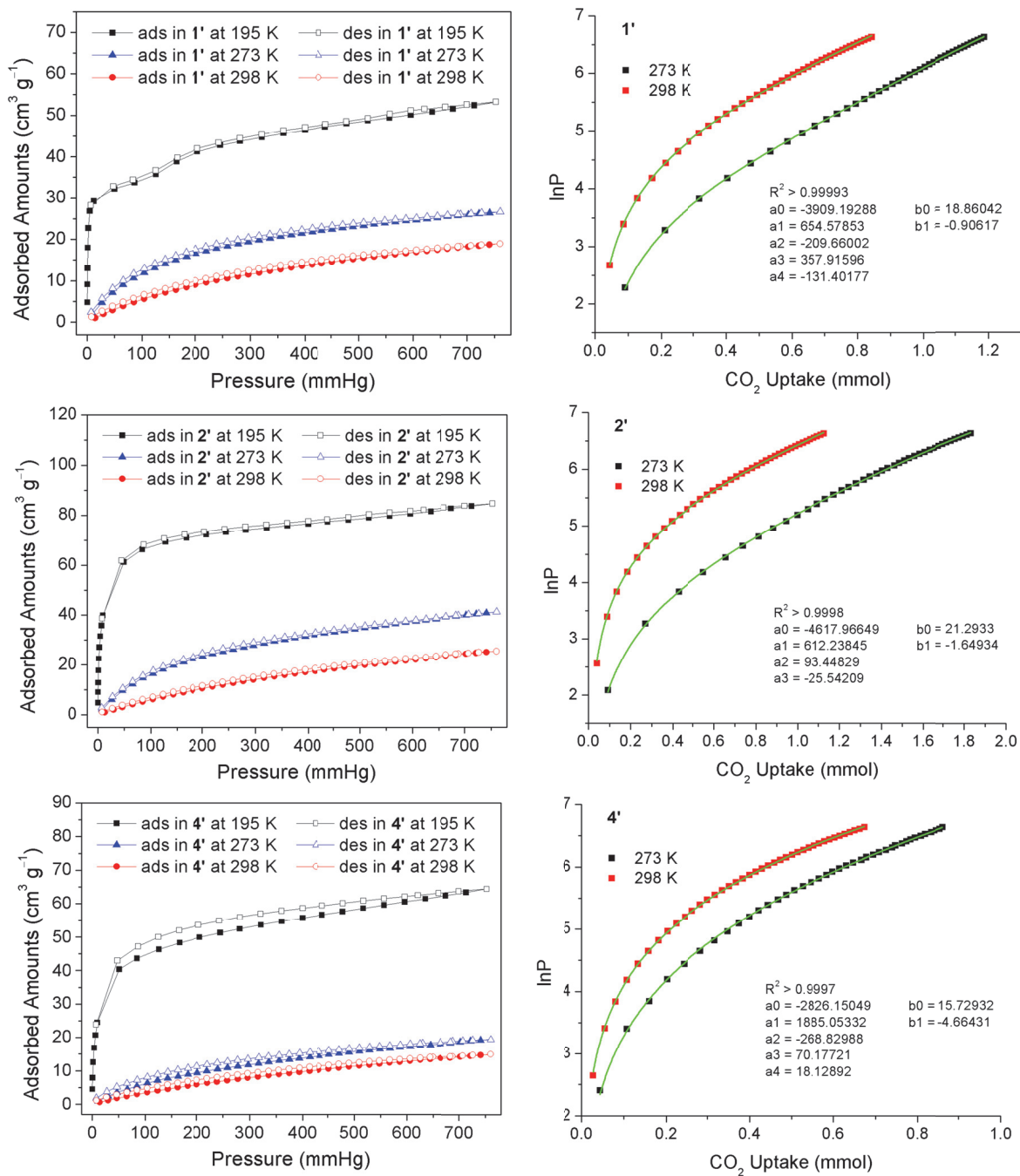


Figure S4. CO_2 adsorption isotherms and virial method fitting for Q_{st} calculation.