

## Supporting Information

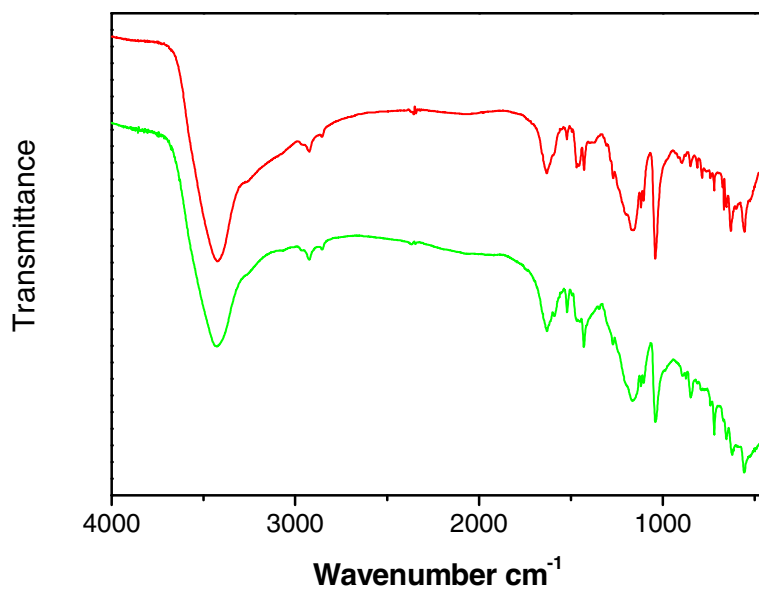


Figure S1. IR-Spectra of **1** (in red) and **2** (in green).

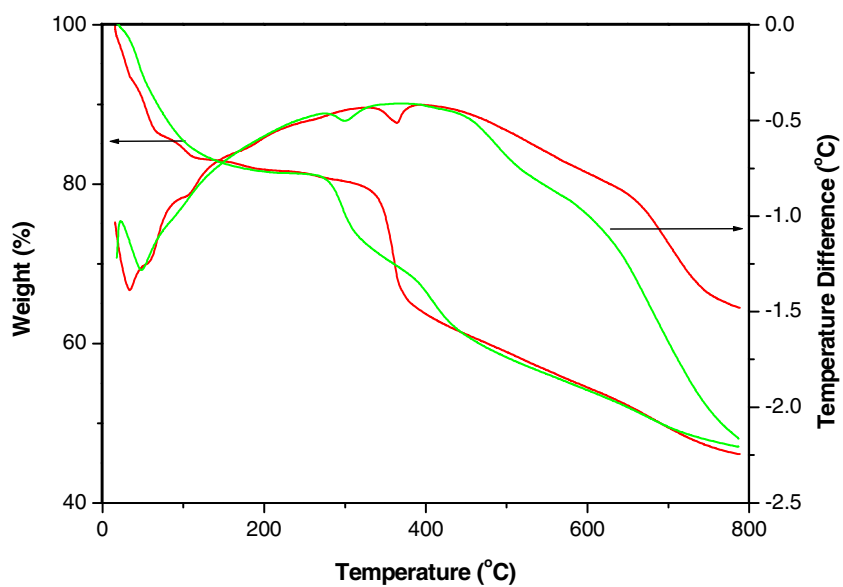


Figure S2. TG-DTA analysis data of **1** (in red) and **2** (in green) measured in the N<sub>2</sub> flow.

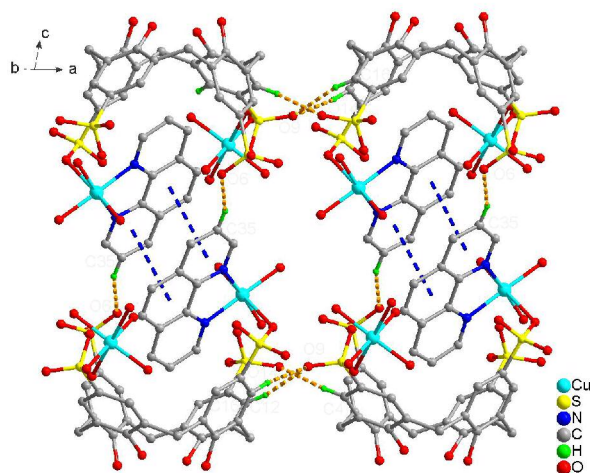


Figure S3. Two capsules shoulder-by-shoulder arranged along the  $a$  axis and the hydrogen bonds interconnecting them in **1**.

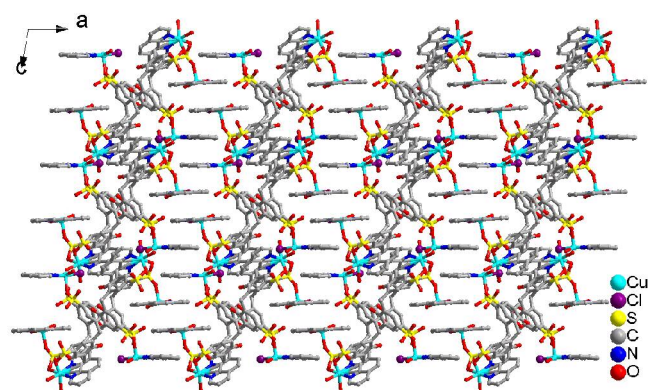


Figure S4. Crystal structure of **2** viewed along the  $b$  axis showing the  $\pi$ -stacked phenanthroline column.

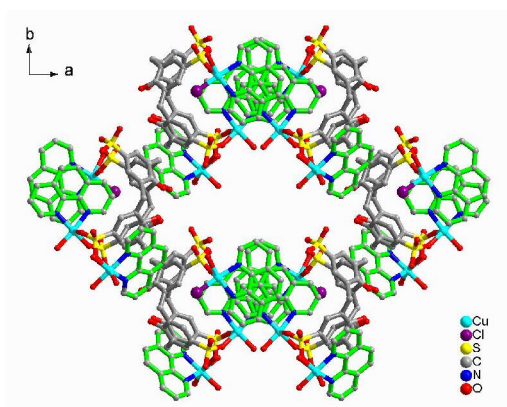


Figure S5. The surrounding environment of C4AS in **2** with the phenanthroline molecules in green and calixarene in grey.