

SUPPORTING INFORMATION

Solution concentration controlled self-assembling structure with host-guest recognition at the liquid-solid interface

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1. Unit cell of H₃TTCA

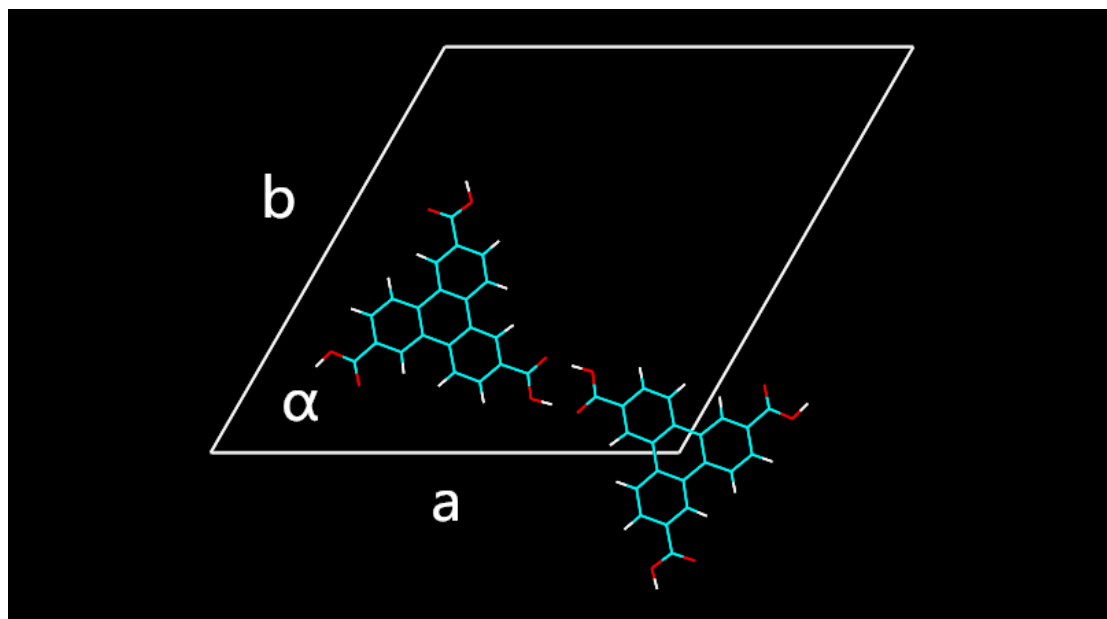


Figure S1. The calculated structure in the unit cell of H₃TTCA assembly. The calculated unit cell parameters were: $a = b = 2.39$ nm, $\alpha = 60.0^\circ$.

2. Unit cell of H₃TTCA/COR(I)

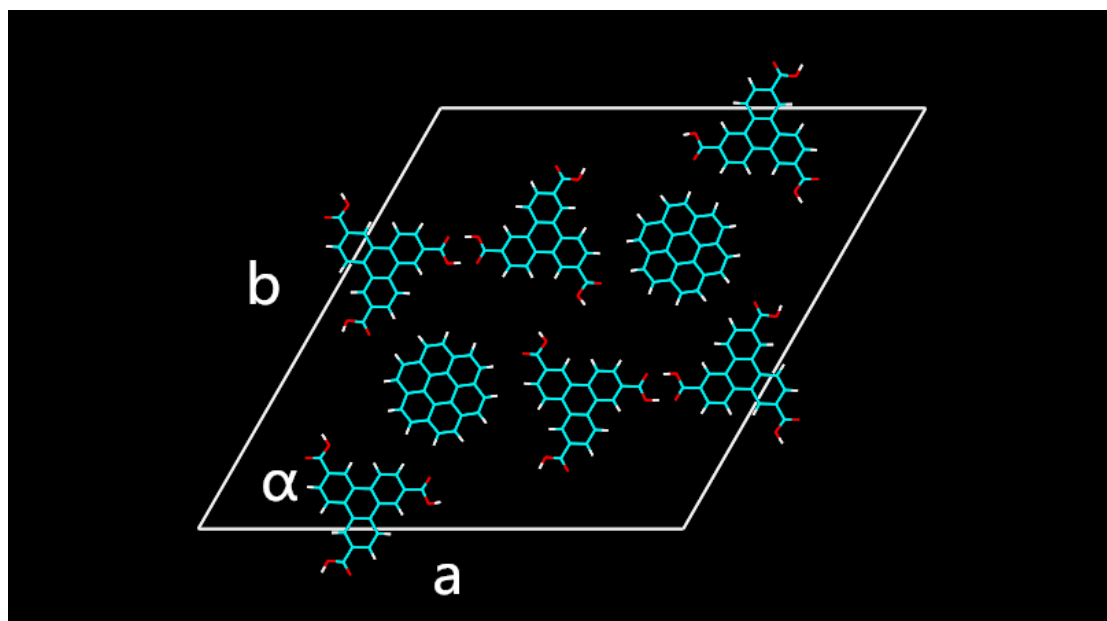


Figure S2. The calculated structure in the unit cell of H₃TTCA/COR(I) assembly. The calculated unit cell parameters were: $a = b = 4.05$ nm, $\alpha = 60.0^\circ$.

3. Unit cell of H₃TTCA/COR(II)

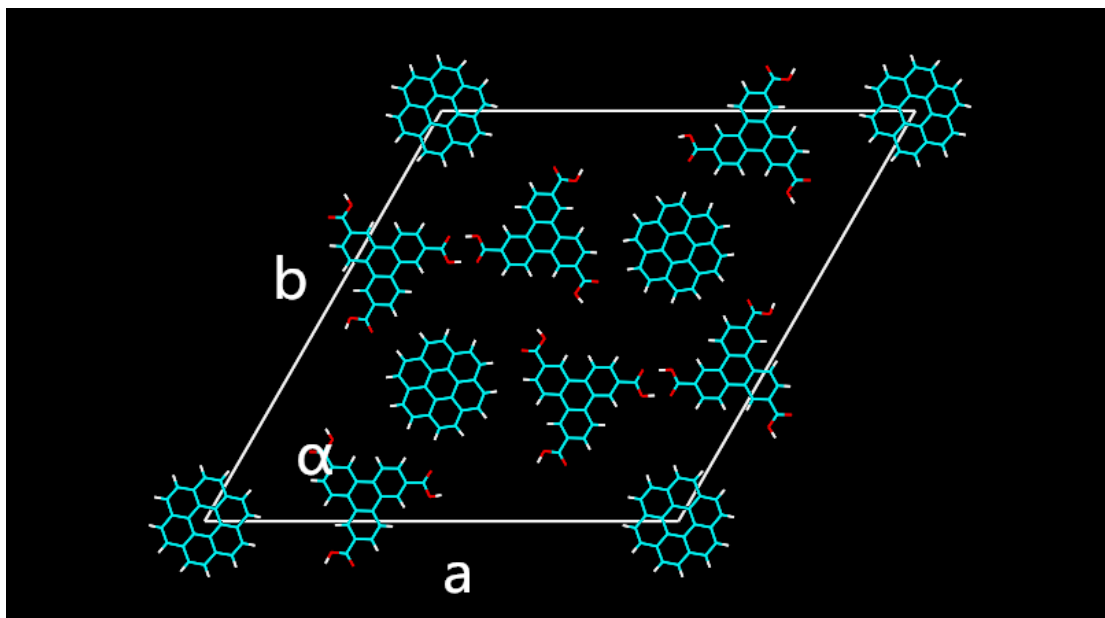


Figure S3. The calculated structure in the unit cell of H₃TTCA/COR(II) assembly. The calculated unit cell parameters were: $a = b = 4.05$ nm, $\alpha = 60.0^\circ$.

4. Unit cell of H₃TTCA/COR(III)

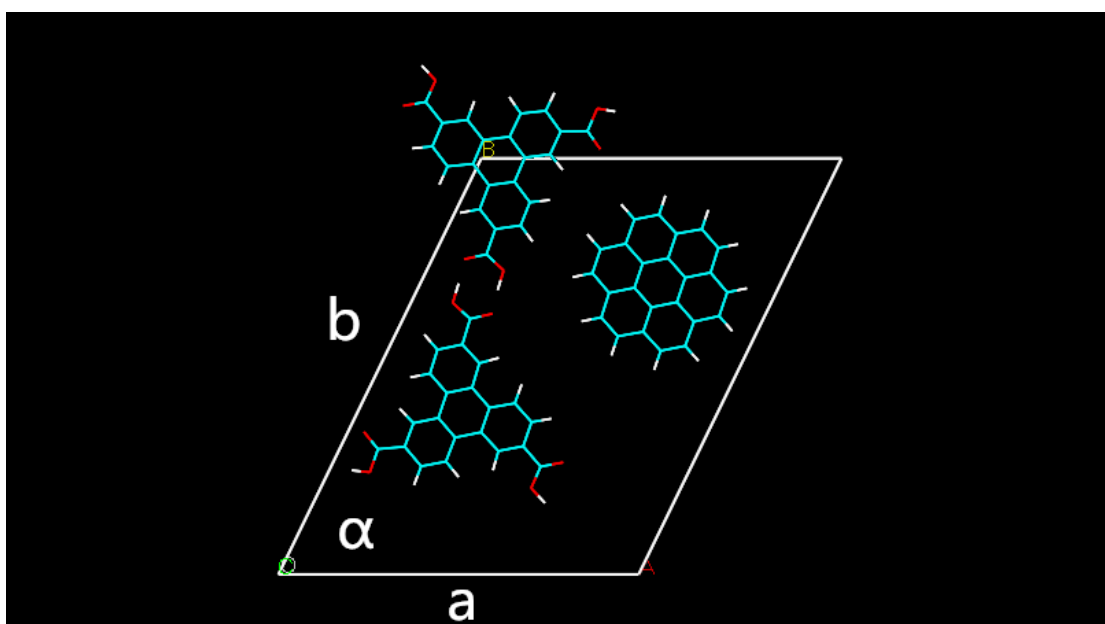


Figure S4. The calculated structure in the unit cell of H₃TTCA/COR(III) assembly. The calculated

unit cell parameters were: $a = 1.97$, $b = 2.55$ nm, $\alpha = 64.0^\circ$.