Electronic Supplementary Information

Solvent Dependent Supramolecular Self-Assembly and Surface Reversal of a Modified Porphyrin

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Figure S1. Large-scale STM image of the supramolecular structure of N₂S₂-OR at *n*-tetradecane/HOPG interface. $I_{set} = 150.2 \text{ pA}, V_t = -533.2 \text{ mV}.$



Figure S2. Large-scale STM image of the supramolecular structure of N₂S₂-OR at 1-phenyloctane/HOPG interface. $I_{set} = 156.0 \text{ pA}$, $V_t = -577.4 \text{ mV}$.



Figure S3. Large-scale STM image of the supramolecular structure of N₂S₂-OR at 1-heptanoic acid/HOPG interface. $I_{set} = 143$ pA, $V_t = -600$ mV.