## Solvent-induced variable conformation of bis(terpyridine) derivative in supramolecular self-assembly at liquid/HOPG interface

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**Figure S1.** (a) Large-scale STM image of the assembled structure of BT-O-C16 at the n-tetradecane/HOPG interface ( $I_{set} = 305.0 \text{ pA}$ ,  $V_t = -623.0 \text{ mV}$ ). (b) Large-scale STM image of the assembled structure of BT-O-C16 at the n-dodecane/HOPG interface ( $I_{set} = 256.3 \text{ pA}$ ,  $V_t = 601.1 \text{ mV}$ ). (c) Large-scale STM image of the assembled structure of BT-O-C16 at the n-decane/HOPG interface ( $I_{set} = 298.1 \text{ pA}$ ,  $V_t = 652.5 \text{ mV}$ ). (d) Large-scale STM image of the assembled structure of BT-O-C16 at the n-decane/HOPG interface ( $I_{set} = 298.1 \text{ pA}$ ,  $V_t = 652.5 \text{ mV}$ ). (d) Large-scale STM image of the assembled structure of BT-O-C16 at the n-decane/HOPG interface ( $I_{set} = 256.3 \text{ pA}$ ,  $V_t = 685.1 \text{ mV}$ ).