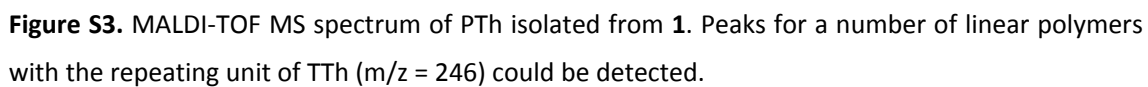
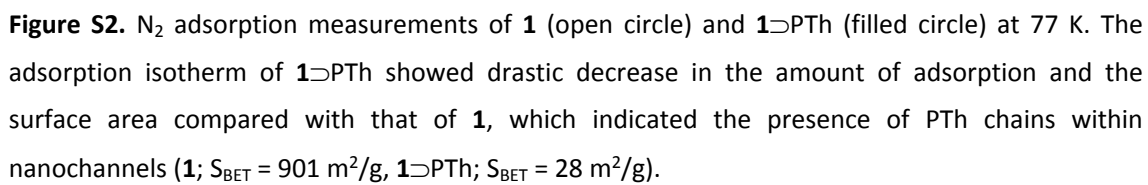
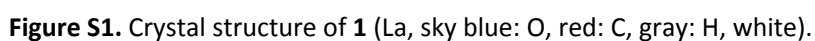


**Supporting Information for
Preparation of polythiophene microrods with ordered chain alignment
using nanoporous coordination template**

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Masahiko Tsujimoto, Susumu Kitagawa, and Takashi Uemura**



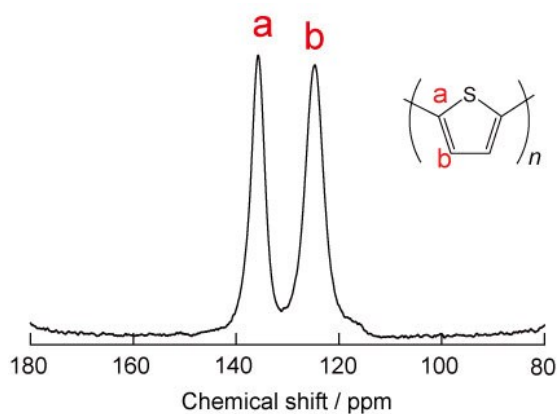


Figure S4. Cross polarization magic angle spinning (CP-MAS) solid state ^{13}C NMR spectrum of isolated PTh from **1**. The two peaks at 136 ppm and 125 ppm are assigned to carbons at 2,5- and 3,4-position of thiophene ring, respectively. It must be noted that PTh did not show any additional peaks, indicating that linear PTh devoid of branching was obtained.^{1,2}

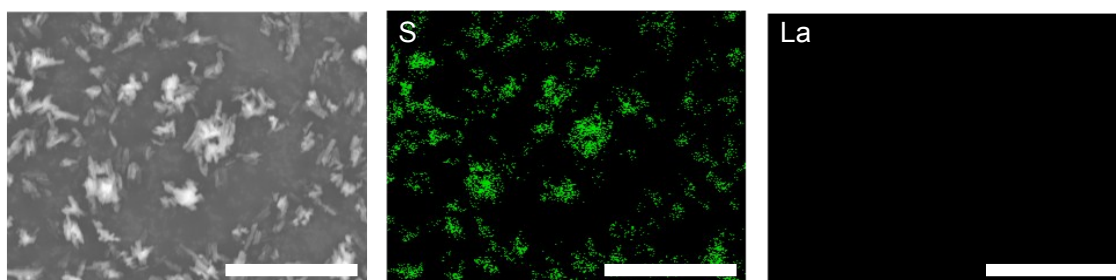


Figure S5. SEM image and SEM-EDX elemental maps of PTh isolated from **1**, which demonstrate the removal of **1** during the polymer recovery process. Scale bars = 25 μm .

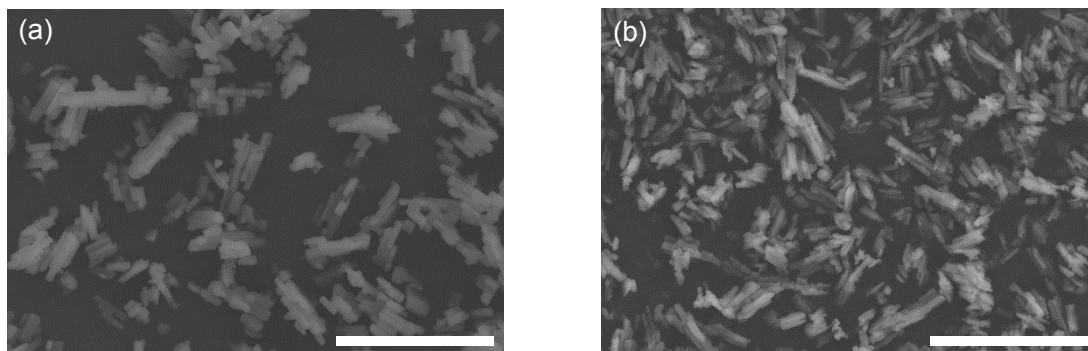


Figure S6. SEM images of (a) 1PTh, (b) PTh isolated from **1**. Scale bars = 20 μm .

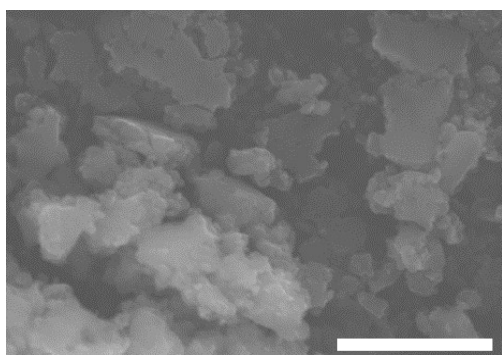


Figure S7. SEM image of PEDOT isolated from **1**. Scale bar = 10 μm .

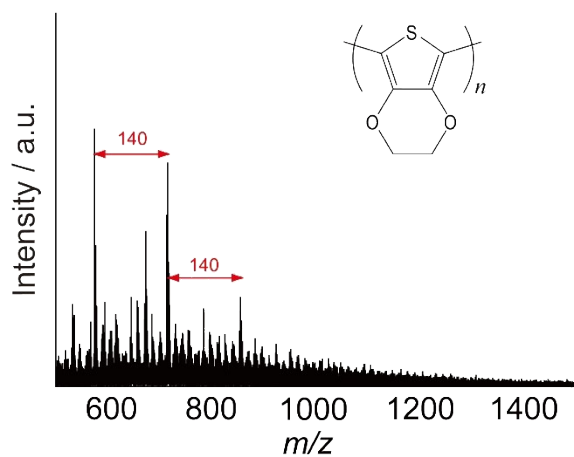


Figure S8. MALDI-TOF MS spectrum of PEDOT isolated from **1**. Peaks for a number of linear polymers with the repeating unit of EDOT ($m/z = 140$) could be detected.

- [1] J. Chen, J. Shu, S. Schobloch, A. Kroeger, R. Graf, R. Muñoz-Espí, K. Landfester and U. Ziener, *Macromolecules*, 2012, **45**, 5108-5113.
- [2] M. Leclerc, F. M. Diaz and G. Wegner, *Makromol. Chem.*, 1989, **190**, 3105-3116.