Supporting Information:

Unimolecular Micelles Composed of Inner Coil-Like Blocks
and Outer Rod-Like Blocks Crafted by Combination of Living
Polymerization with Click Chemistry

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Figure S1. $^1$H-NMR spectrum of 21-arm, star-shaped PS (i.e., sample-2 in Table 1; solvent: CDCl$_3$).

Figure S2. Dynamic light scattering (DLS) measurements of unimolecular micelles of (A) 21-arm star-shaped PS-N$_3$ (derived from sample-2 in Table-1) and (B) the corresponding star-shaped PS-$b$-P3HT in chloroform (i.e., sample-b in Table-2).
**Figure S3.** TEM images of star-shaped PS-N\textsubscript{3} (from sample-2 in Table-1) and the corresponding star-shaped PS-\textit{b}-P3HT (sample-b in Table-2). All the samples were stained with ruthenium tetroxide (RuO\textsubscript{4}).

**Table S1.** $D_h$ of star-shaped PS-N\textsubscript{3} and the corresponding star-shaped PS-\textit{b}-P3HT in chloroform measured by DLS.

<table>
<thead>
<tr>
<th>Entry</th>
<th>Star-shaped PS-N\textsubscript{3} (nm)</th>
<th>Star-shaped PS-\textit{b}-P3HT (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample-a</td>
<td>~10</td>
<td>~18</td>
</tr>
<tr>
<td>Sample-b</td>
<td>~15</td>
<td>~26</td>
</tr>
<tr>
<td>Sample-c</td>
<td>~22</td>
<td>~31</td>
</tr>
</tbody>
</table>