## Electronic Supplementary Information (ESI)

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Figure S1<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) spectrum of compound TABzPA.



Figure S2<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) spectrum of compound TABzPA.







Figure S4 <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) spectrum of compound TATpPA.



Figure S5<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) spectrum of compound TATpPA



Figure S6 MALDI-TOF spectrum of TATpPA



Figure S7 <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) spectrum of compound 2b.



Figure S8 The structure of 3c