

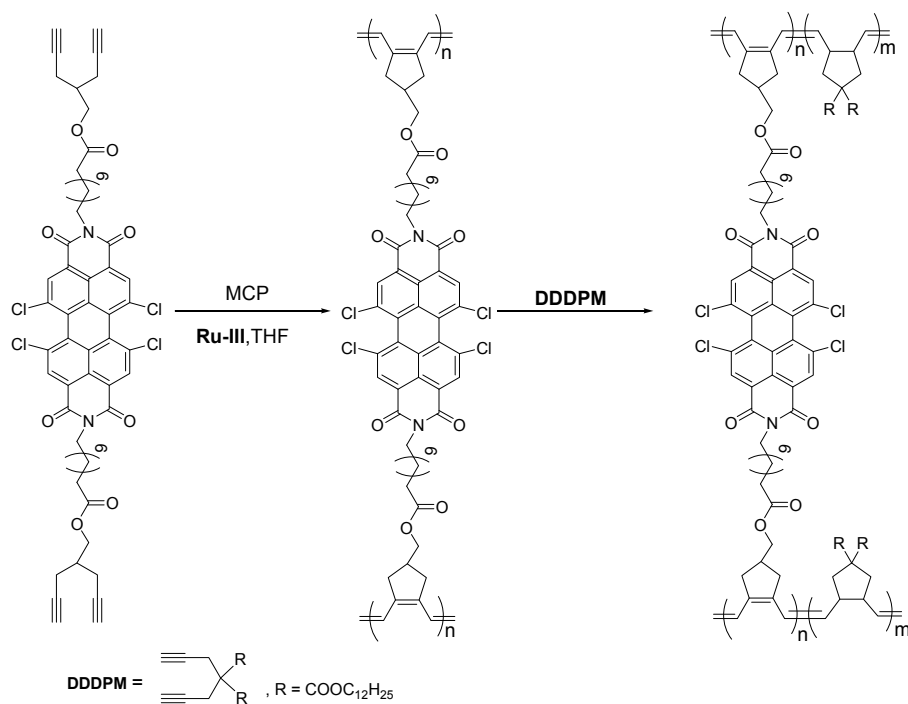
# Functional Block Copolymers Carrying One Double-Stranded Ladderphane and One Single-Stranded Block in a Facile Metathesis Cyclopolymerization Procedure

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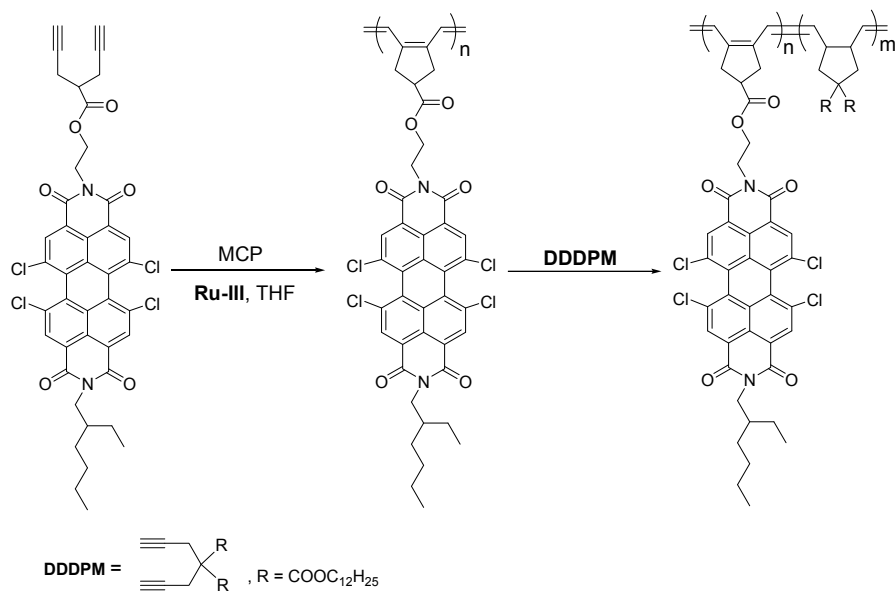
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**Scheme S1.** Synthesis of Poly(1)-*b*-Poly(DDDPM)



Scheme S2. Synthesis of Poly(2)-*b*-Poly(DDDPM).

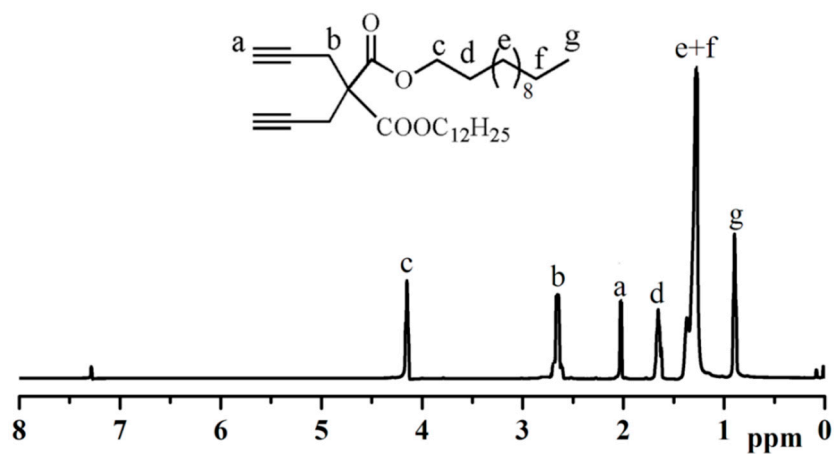


Figure S1. <sup>1</sup>H NMR spectrum of DDDPM.

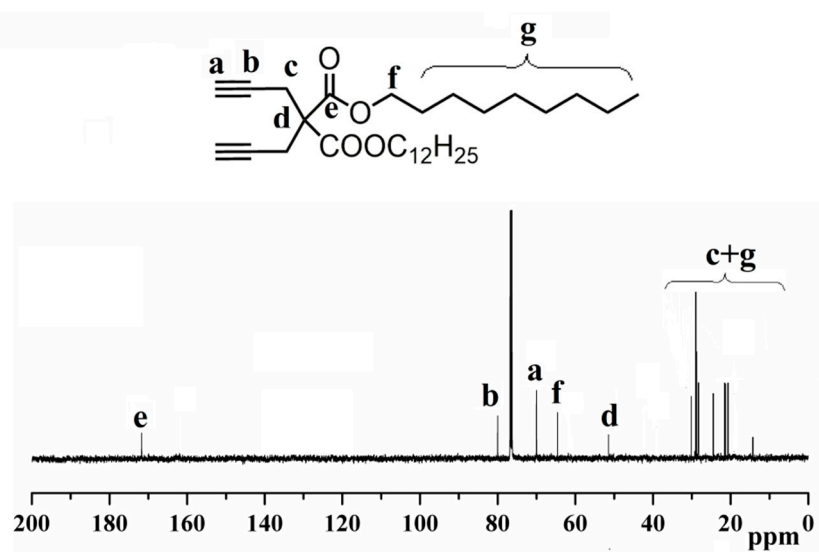
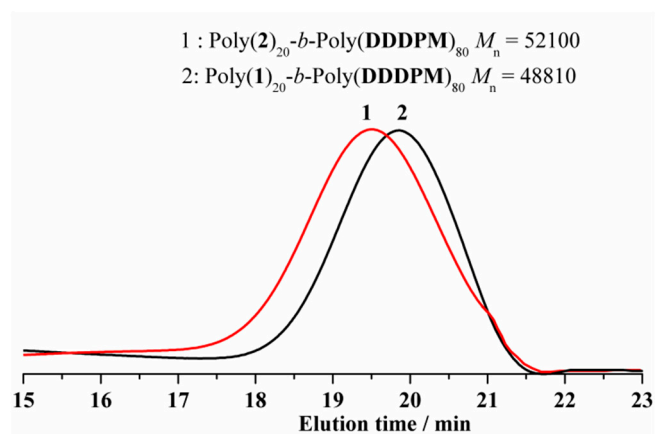
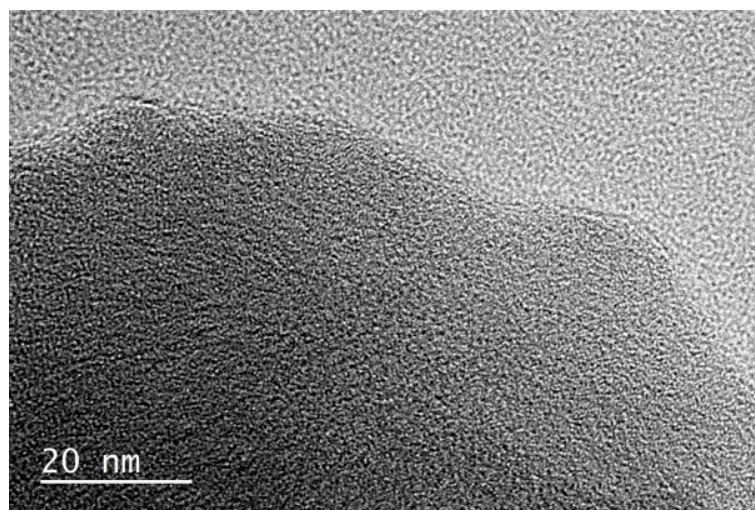


Figure S2. <sup>13</sup>C NMR spectrum of DDDPM.



**Figure S3.** GPC curves of Poly(1)-*b*-Poly(DDDPM) and Poly(2)-*b*-Poly(DDDPM).



**Figure S4.** TEM image of Poly(2)-*b*-Poly(DDDPM).