

Supplemental Information

for

A Poly(polyoxometalate)-*b*-Poly(hexanoic acid) Block Copolymer: Synthesis, Self-Assembled Micelles and Catalytic Activity

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Figures

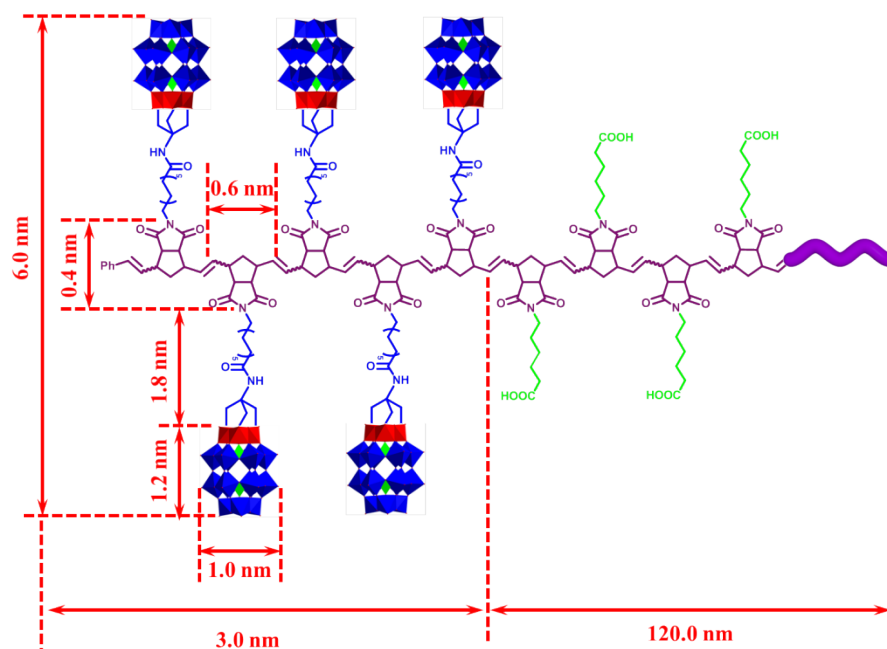


Fig. S1. Dimensions of H-BCP. Dimensions of $V_3POM \cdot 6TBA$ and polynorbornene were obtained from single crystal data and ChemDraw software respectively.

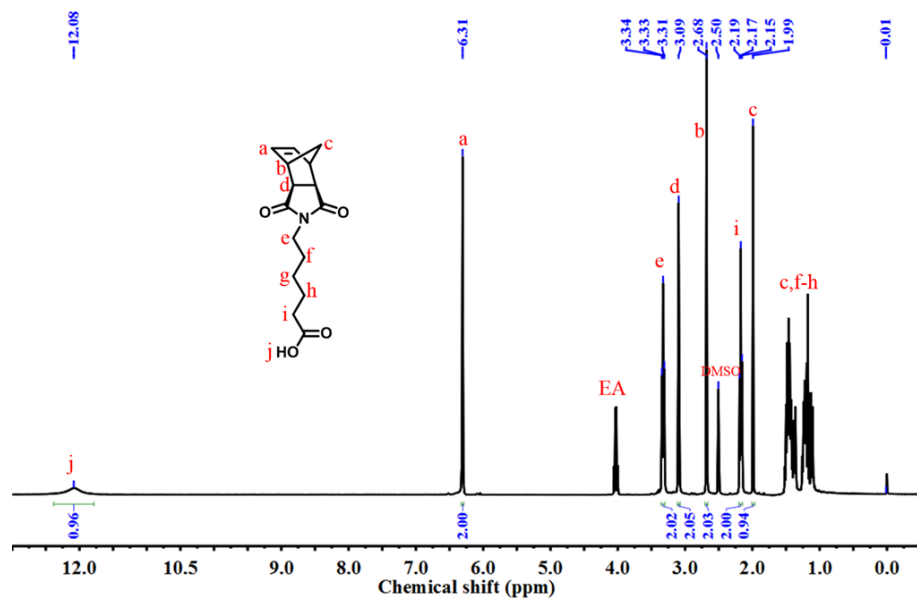


Fig. S2. ^1H NMR spectrum of monomer 2.

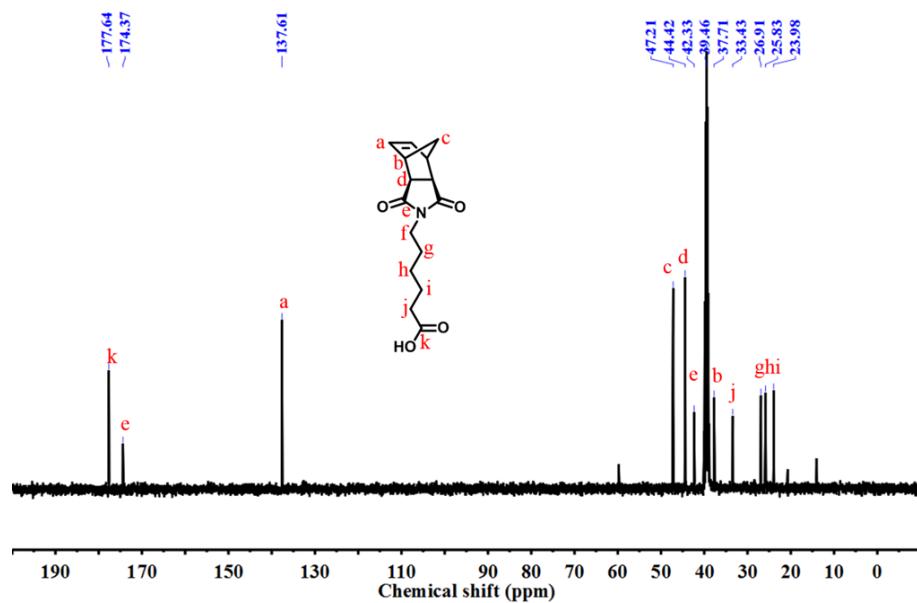


Fig. S3. ^{13}C NMR spectrum of monomer 2.

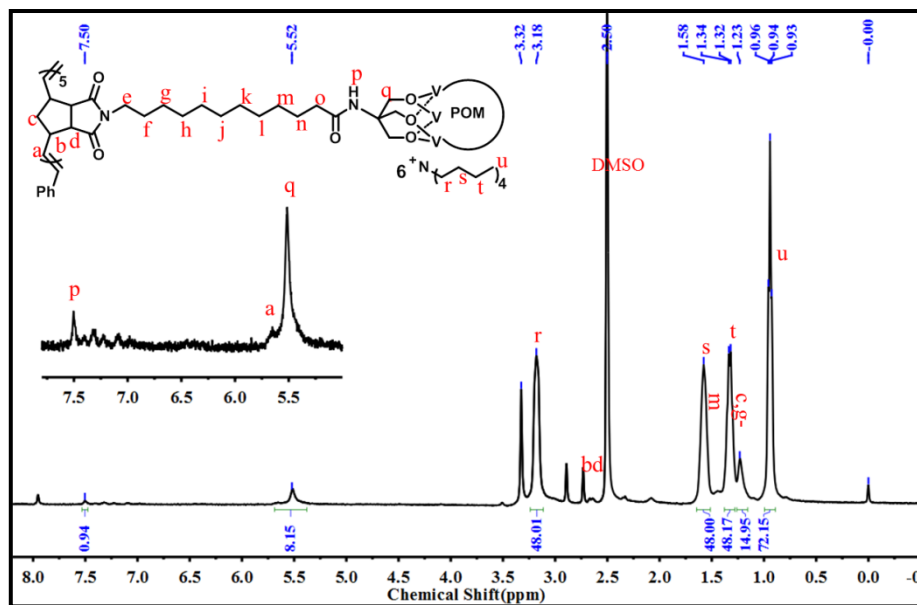


Fig. S4. ¹H NMR spectrum of poly(POM)₅.

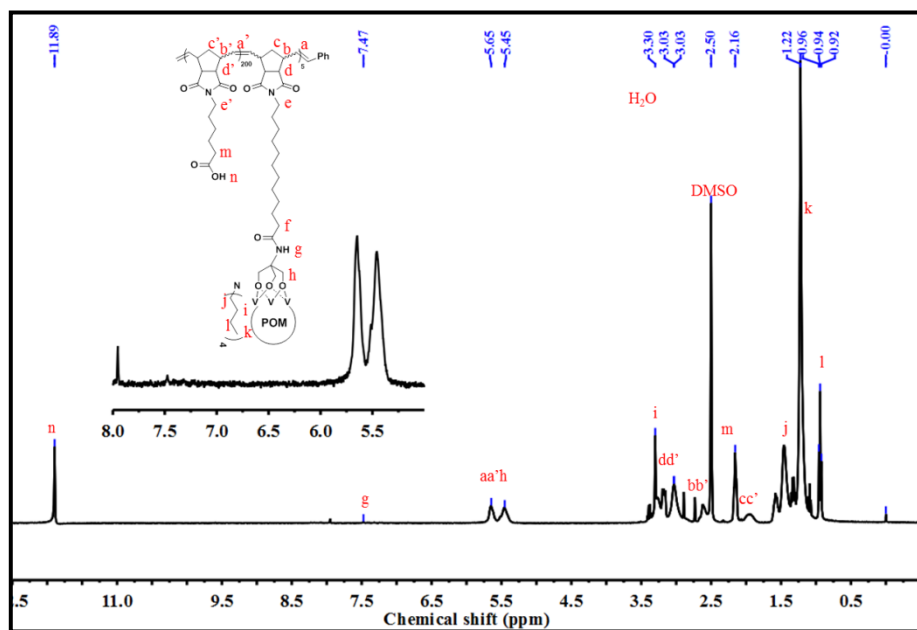


Fig. S5. ¹H NMR spectrum of the H-BCP.

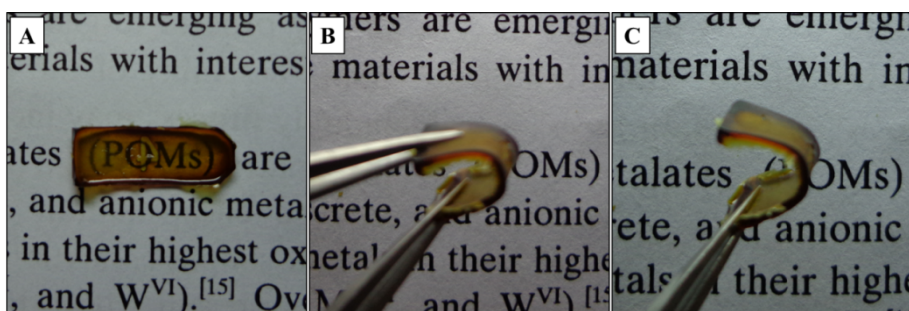


Fig. S6. Three photographs showing ductility of a solid sample of the H-BCP.

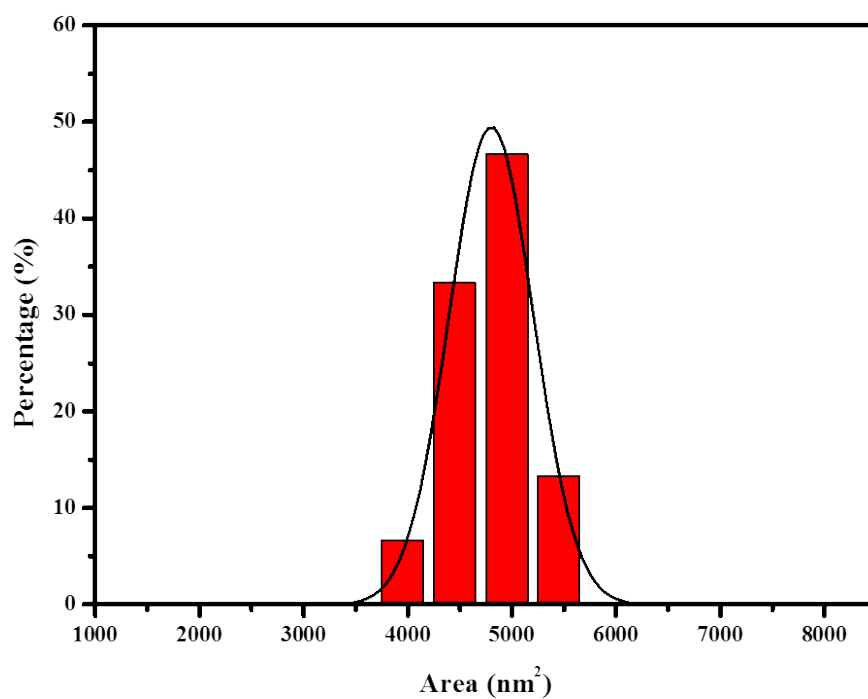


Fig. S7. Area distribution histogram of the discrete S-aggregates in Fig. 2A. The average area of one S-aggregates is 4839 ± 403 nm².

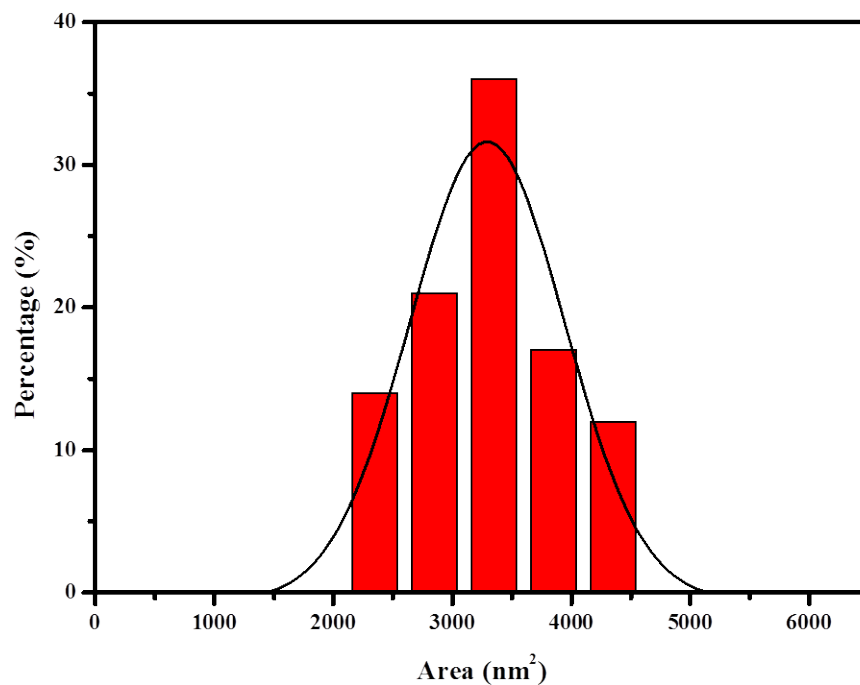


Fig. S9. Area distribution histogram of the gathered aggregates in Fig. 2B. The average area of one aggregate is $3236 \pm 547 \text{ nm}^2$.

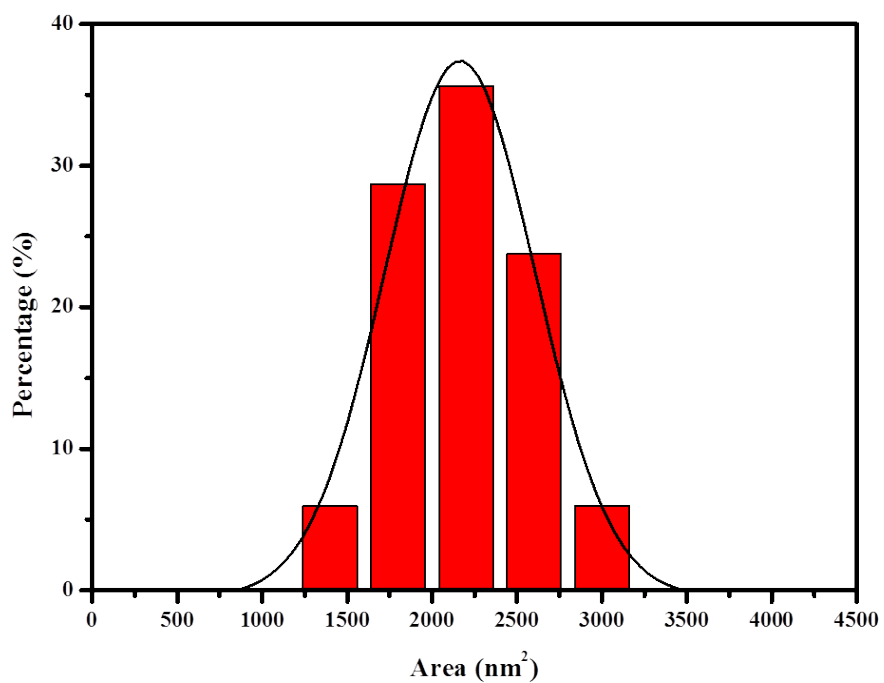


Fig. S10. Area distribution histogram of the close-packed aggregates in Fig. 2C. The average area of one hexagon is $2150 \pm 381 \text{ nm}^2$.