Supporting Information

Preparation of single-handed helical carbonaceous nanotubes using 3-aminophenol-formaldehyde resin

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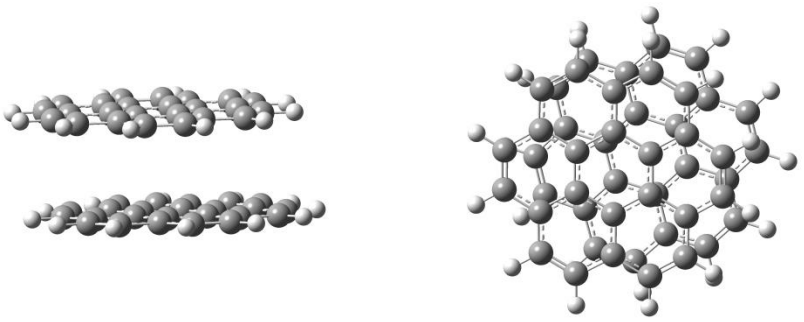


(a) Side view (b) Top view

Fig. S1. The structure of the cronene dimer used to model the real system.(a) Side view, and (b) top view.

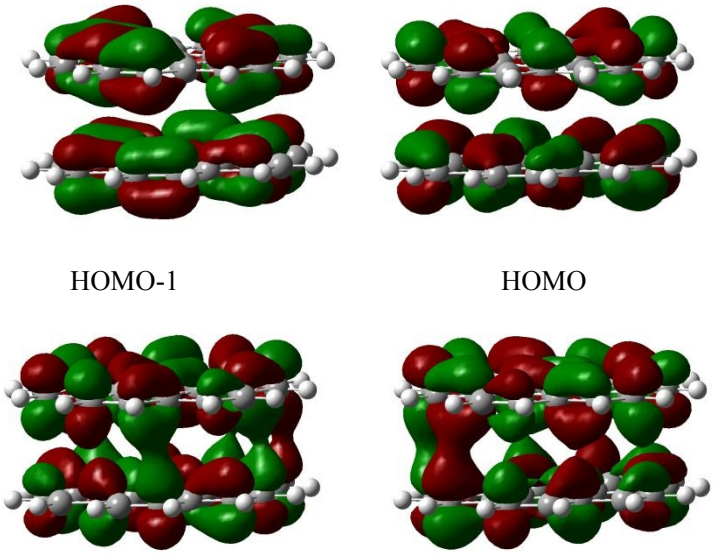


Fig. S2a. Side view of the two highest occupied molecular orbitals (HOMO) and the two lowest unoccupied molecular orbitals (LUMO).

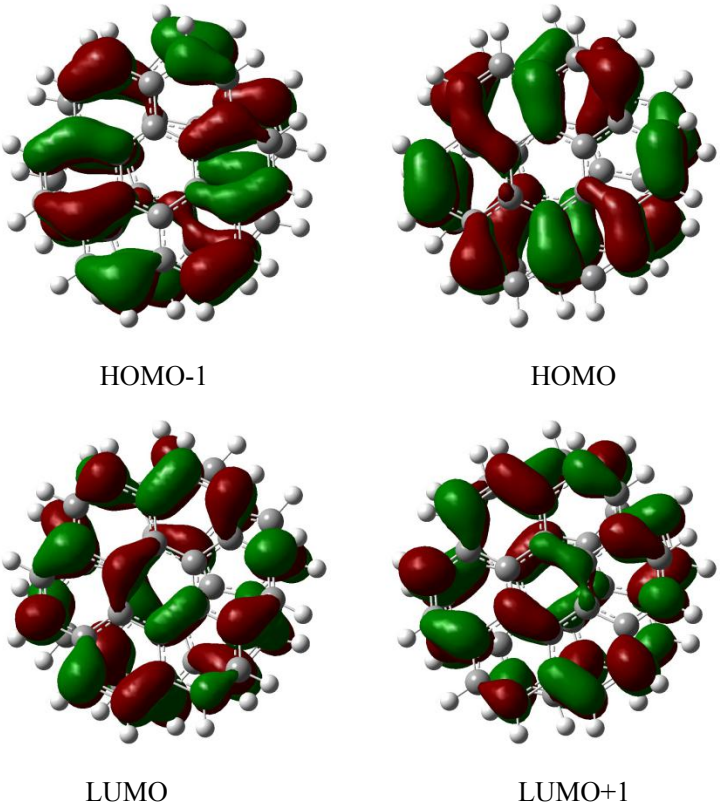
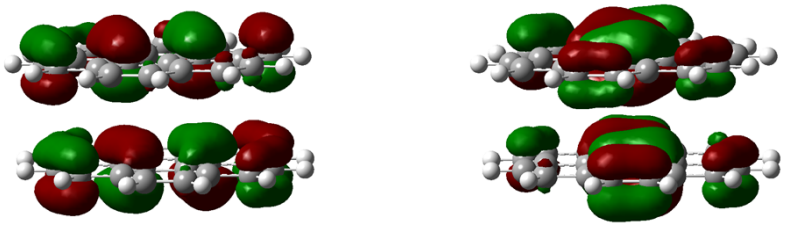
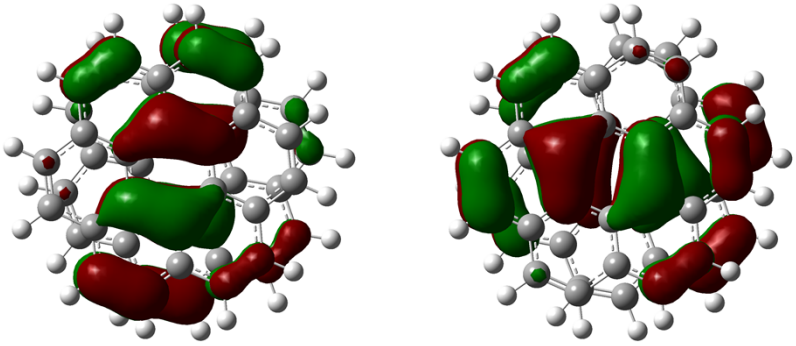


Fig. S2b. Top view of the two HOMO and the two LUMO.



HOMO-4 HOMO-5

Figure S2c. Side view of the two HOMO.



HOMO-4 HOMO-5

Figure S2d. Top view of the two HOMO.

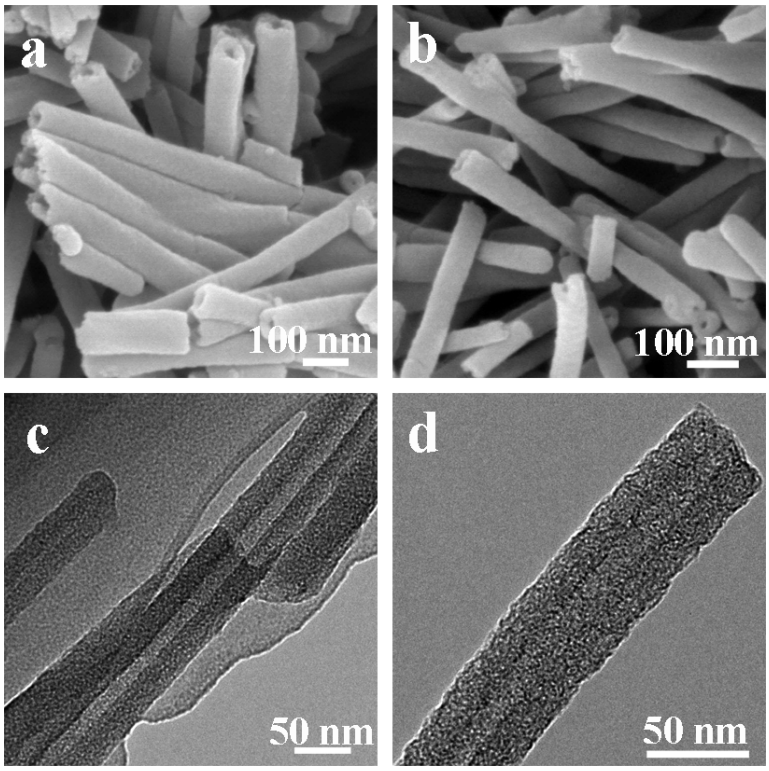


Fig. S3. FESEM (a), and TEM (c) images of LC-Phe-1400; FESEM (b), and TEM (d) images of DC-Phe-1400.

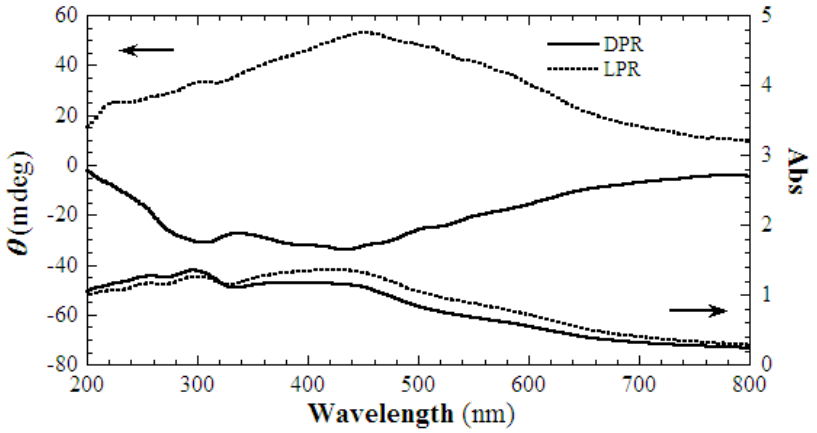


Fig. S4. DRCD and DRUV-vis spectra of the samples MPR and PPR.