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Supporting information for

Photophysical and photovoltaic properties of truxene-functionalized

conjugated polymer-fullerene supramolecules

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1. ¹³C NMR spectra of M1, M3 and M4



Fig. S1 ¹³C NMR spectrum of M1.



Fig. S2 ¹³C NMR spectrum of M3.







2. FABMS spectra of M1, M3 and M4

Fig. S4 FABMS spectrum of M1.









3. Typical optimized structure, HOMO, and LUMO



Fig. S7 The optimized structure of D-A dimer in P1; the number is the dihedral angle in rectangular.



Fig. S8 The optimized structure of D-A dimer in P2; the number is the dihedral angle in rectangular.



Fig. S9 HOMO and LUMO orbitals for P1 and P2.