Electronic Supplementary Material (ESI) for Polymer Chemistry

Supporting Information

Synthesis and Photovoltaic Properties of a Low Bandgap BODIPY–Pt Conjugated Polymer

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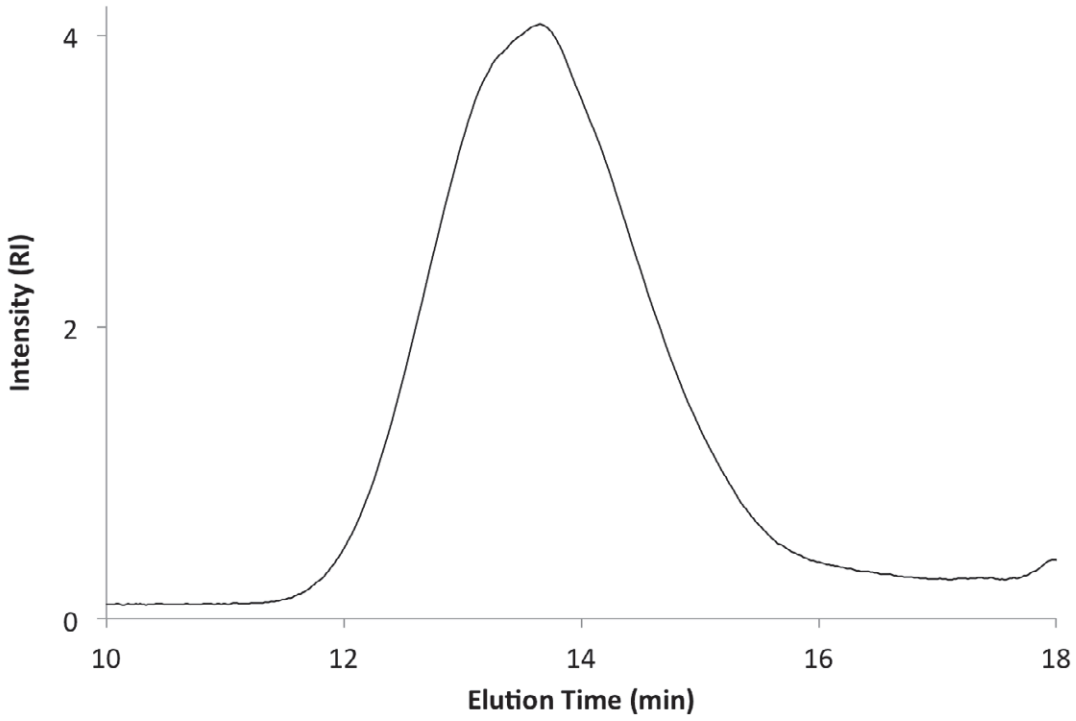

Figure S1. Size exclusion chromatography (SEC) profile of **P1** ($CHCl_3$, 1 mL/min, RI).

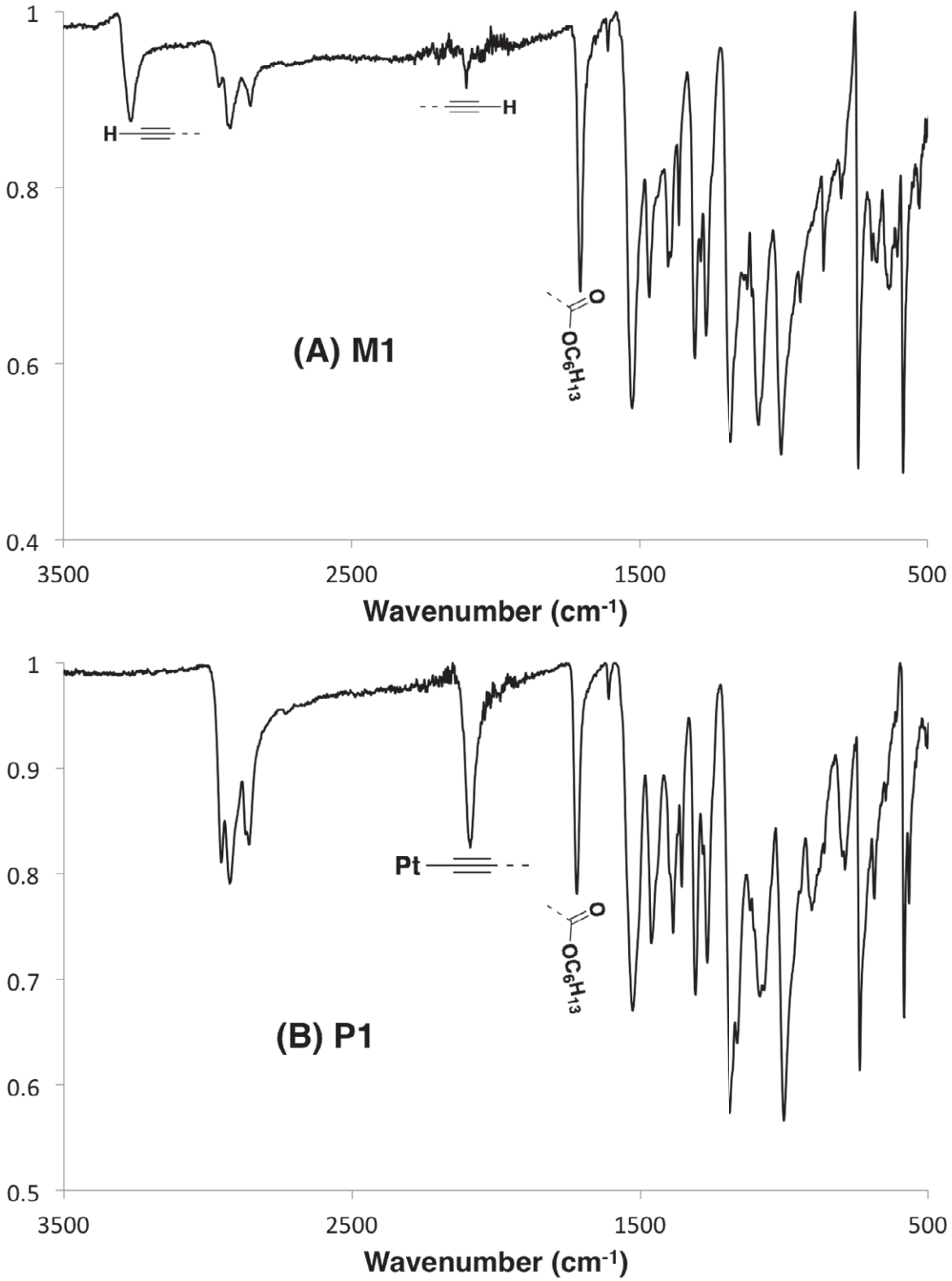

Figure S2. Attenuated total reflectance (ATR)−IR spectra of **M1** (A) and **P1** (B).

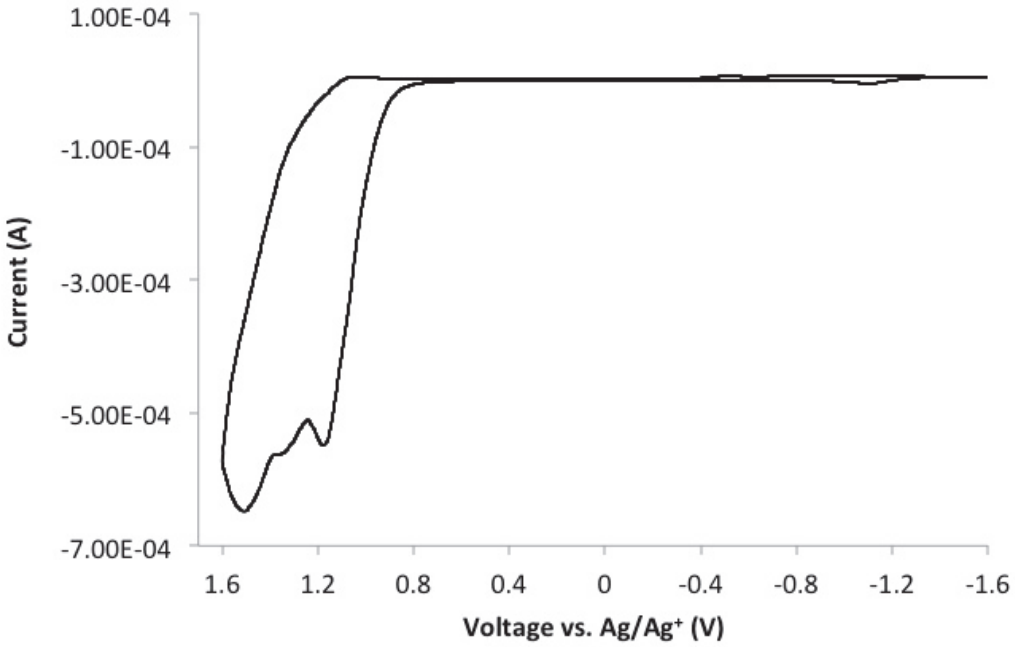

Figure S3. Cyclic voltammogram (CV) of **P1** thin film drop-cast onto the glassy carbon working electrode (0.1 M Bu_4NPF_6 in acetonitrile as supporting electrolytes; 100 mV/s; externally referenced to ferrocene redox couple).

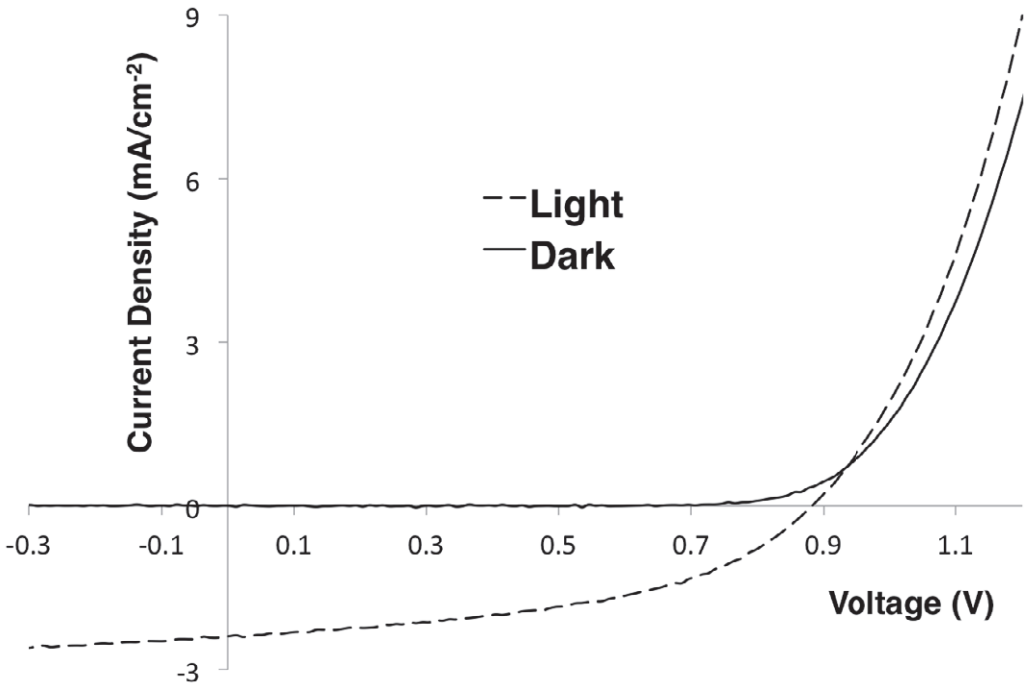

Figure S4. Current-Voltage (I-V) curves of solar cell devices using MoO_3 as the anode interfacial layer and **P1**/PCBM (1/3 by weight) as the active layer in dark (solid line) and under simulated solar irradiation at 100 mW/cm^2 (dashed line).

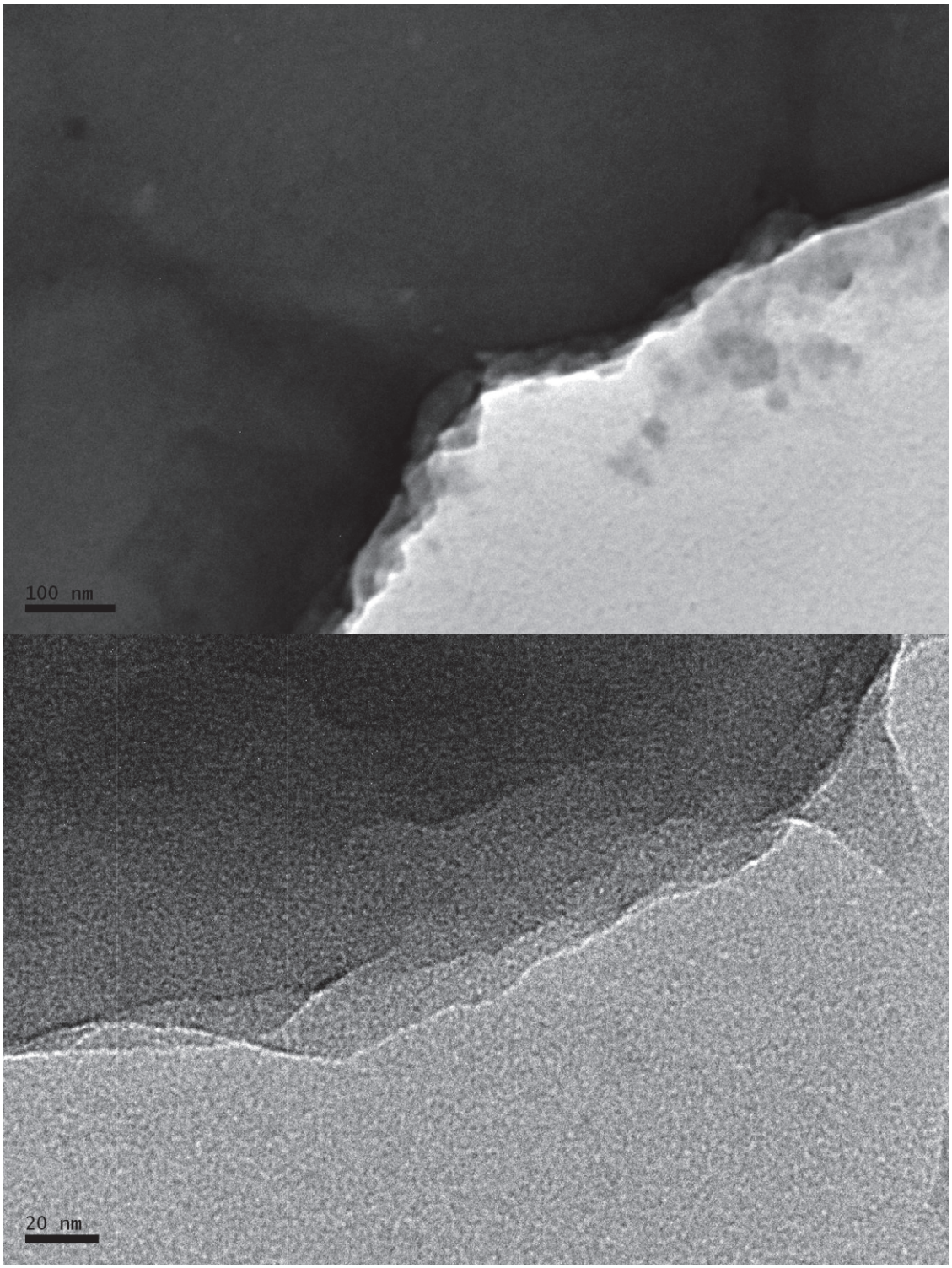

Figure S5. Transmission electron microscopy (TEM) images of active layers (**P1**/PCBM, 1/3 by weight) in OPV devices employing PEDOT:PSS as anode interfacial layer with 25k (top) and 100k (bottom) magnifications.