

SUPPORTING INFORMATION

Influence of the solvent on the aggregation of a poly(3-hexylthiophene) - quinquethiophene-S,S-dioxide blend at surfaces: an SFM study

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The arrows in Fig. 1SI show the P3HT bands at 545 and 592 nm both in the P3HT film (solid line and solid arrows) and in the film of P3HT:T5OHM 1:1 (w/w) blend deposited from toluene (dashed line and dashed arrows).

The dark characteristics of P3HT:T5OHM 1:1 (w/w) devices spun from chloroform (squares), toluene (circles) and chlorobenzene (triangles) are displayed in Fig 2SI. The I-V characteristics revealed that only the film spun from chloroform exhibits a diode-like behaviour, which makes it suitable for photovoltaic applications.

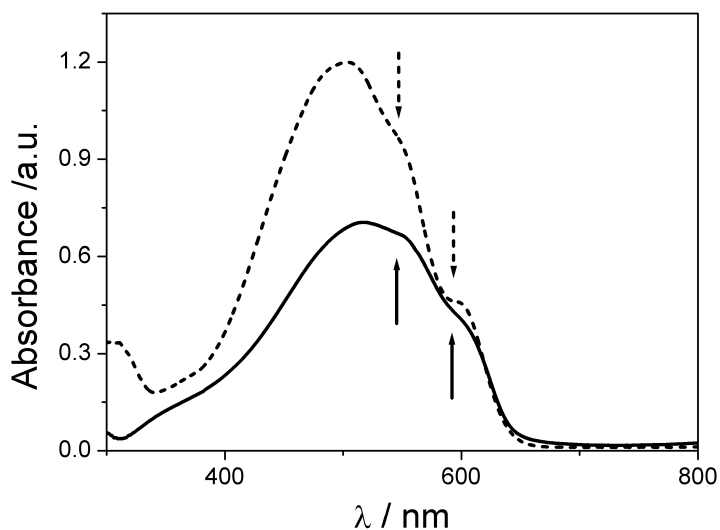


Figure 1SI: Absorption spectra of films of P3HT:T5OHM 1:1 (w/w) deposited from toluene (dotted line) and neat P3HT (solid line).

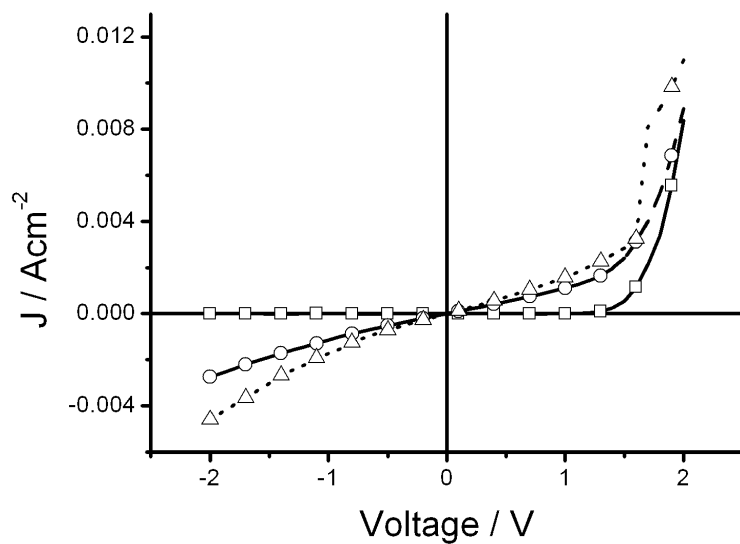


Figure 2SI: Dark current-voltage characteristics of P3HT:T5OHM 1:1 (w/w) photodiodes spun from chloroform (squares), toluene (circles) and chlorobenzene (triangles).