

Supplementary information for

Improving Photovoltaic Properties of P3HT:IC₆₀BA Through the Incorporation of Small Molecule

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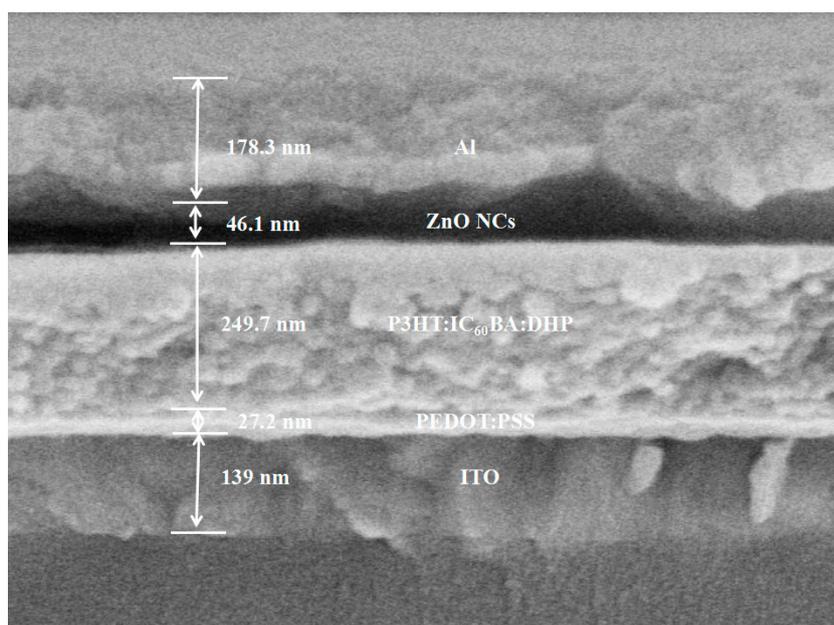


Figure S1. FE-SEM cross-section image of the completed device with the structure of glass/ITO/PEDOT:PSS/P3HT:ICBA:DHP/ZnO NCs/Al.

Figure S1 exhibited the Field Emission Scanning Electron Microscopy (FE-SEM) cross-section image of fabricated device with the structure of glass/ITO/poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate) (PEDOT:PSS)/poly(3-hexylthiophene): indene-C₆₀bisadduct: 2,3-dihydropyridine (P3HT:IC₆₀BA:DHP)/zinc oxide nanocrystals (ZnO NCs)/Al. It can be seen from Figure S1,

the thickness of P3HT:IC₆₀BA:DHP is near 250 nm which is belong to the desired thickness range (200 ~ 250 nm) to obtain reasonable performance of the fabricated BHJ-PSCs based on P3HT:IC₆₀BA blend system [1] [2] [3].

References

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