

Electronic supplementary information

Cyano-Substitution on the End-Capping Group: A Facile Access toward Asymmetrical Squaraine Showing Strong Dipole-Dipole Interactions as High Performance Small Molecular Organic Solar Cells Material

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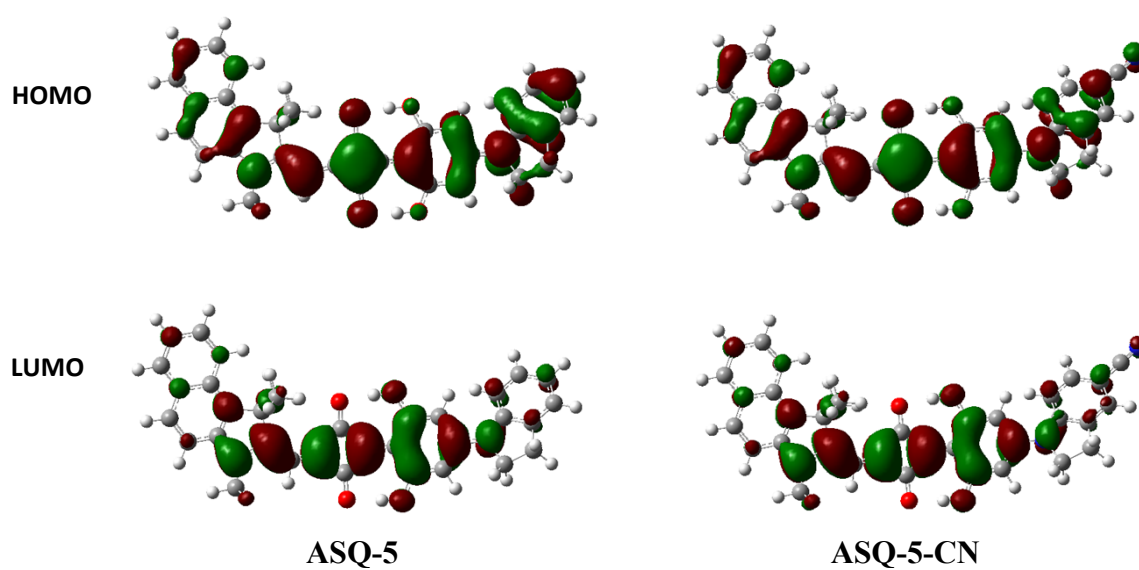


Fig. S1 The electron density distribution of the ASQ-5 and ASQ-5-CN.

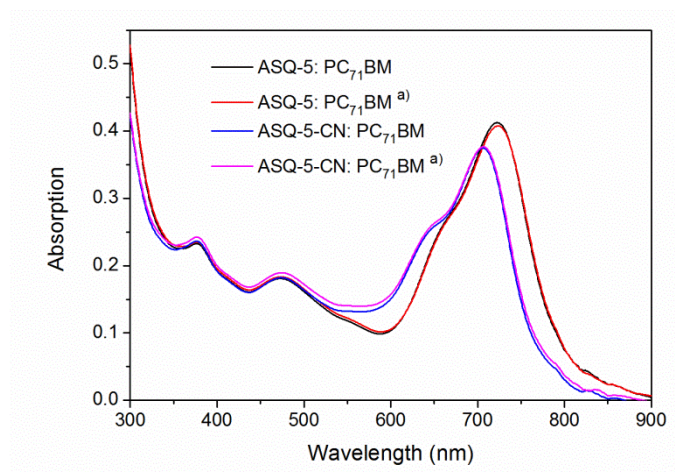


Fig. S2 Absorption of the active layers with a) ASQ-5: PC₇₁BM (1:3), and b) ASQ-5-CN: PC₇₁BM (1:3). ^{a)} Thermal annealing at 80 °C for 10 min.