Electronic Supplementary Material (ESI) for Sustainable Energy & Fuels.

Supporting information

N-doping of fullerene using 1,3,5-trimethylhexahydro-1,3,5-triazine as an electron transporting layer for nonfullerene organic solar cells

*Jing Li, Fei Qin, Wenwu Zeng, Lulu Sun, Wen Wang, and Yinhua Zhou**

Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, Wuhan 430074, P. R. China

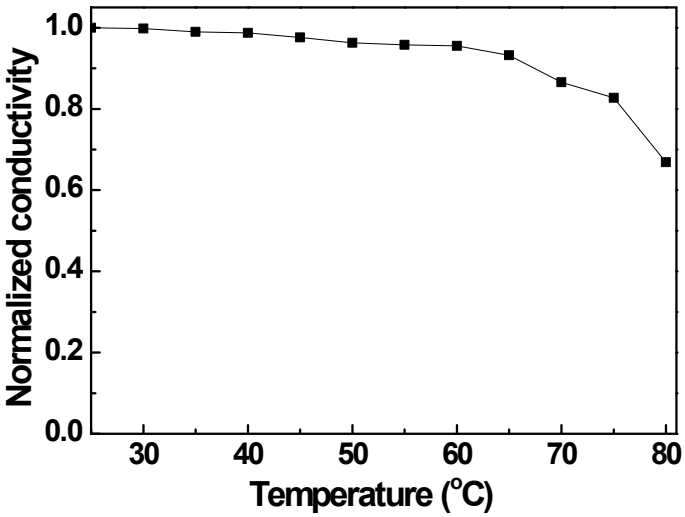

Figure S1. Normalized conductivity of the 5 wt.% doped PCBM films after continuous annealing at different temperature. The sample was annealed for 10 min at each temperature.

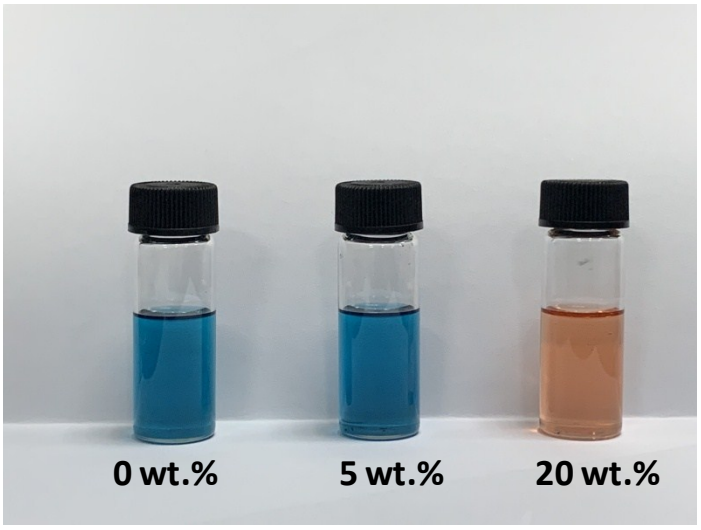

Figure S2. IT-4F (20 μg/mL) mixed with doped PCBM solutions (10 μg/mL) with different n-doping ratios. The volume ratio of the two solutions are 10:1 (IT-4F: doped PCBM). The doping ratio of THMT to PCBM is 0, 5, 20 wt.%, as shown in the figure. The picture was taken after the solutions were mixed for10 min.