Functionalization of Commercial Pigment Hostasol Red GG for Incorporation into Organic Thin-Film Transistors

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Supplementary Information
**Figure S1**: X-ray diffraction (XRD) scans of thin films of 6 on octyltrichlorosilane (OTS) modified SiO$_2$ and a blank control with no film.
Figure S2: $^1$H NMR spectra for the novel compounds synthesized in this study prior to sublimation.
Figure S3: Mass spectrum for material 2

Figure S4: Mass spectrum for material 3
Figure S5: Mass spectrum for material 4

Figure S6: Mass spectrum for material 5
Figure S7: Mass spectrum for material 6