Supplementary Materials: Old Molecule, New Chemistry: Exploring Silicon Phthalocyanines as Emerging N-Type Materials in Organic Electronics

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Figure S1. Normalized absorbance spectra of (345F)-SiPc via Routes A (black), B (blue) and C (red) in toluene solutions.

Figure S2. $^1$H-NMR spectra of DIII from Route B at 400 MHz in MeCN-d$_3$. Spectrum referenced to solvent residual peak at 1.94 ppm.
Figure S3. $^1$H-NMR spectra of [H$_2$DIII][OTf]$_2$ at 300 MHz in MeCN-d$_3$. Spectrum referenced to solvent residual peak at 1.94 ppm.

Figure S4. $^1$H-NMR spectra of DIII from commercial source (blue) and from Route B (red) in DMSO-d$_6$ at 400 MHz. Spectra referenced to residual solvent peak at 2.50 ppm.
Figure S5. $^{19}$F-NMR spectra of [H$_2$DIII][OTf]$_2$ at 300 MHz in MeCN-d$_3$. Spectrum referenced to F$_3$CCOH at −76.55 ppm.

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