

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

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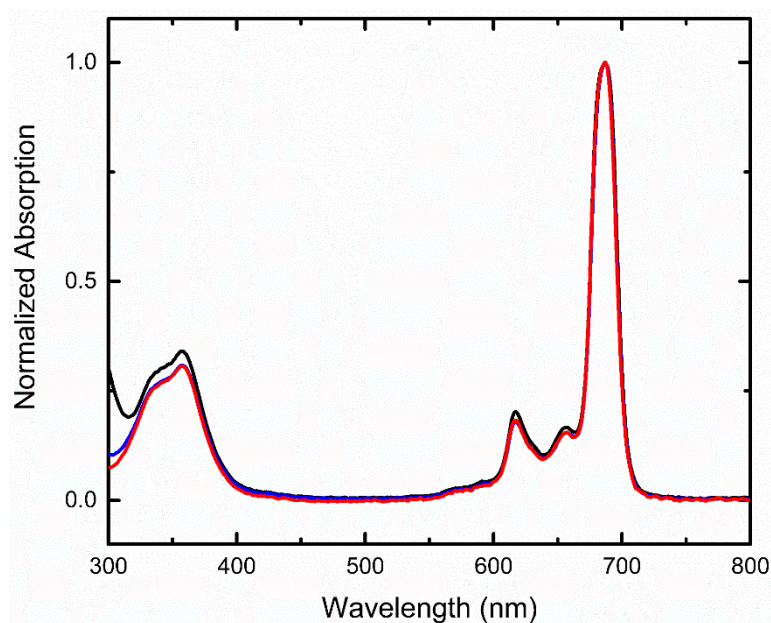


Figure S1. Normalized absorbance spectra of $(345F)_2$ -SiPc via Routes A (black), B (blue) and C (red) in toluene solutions.

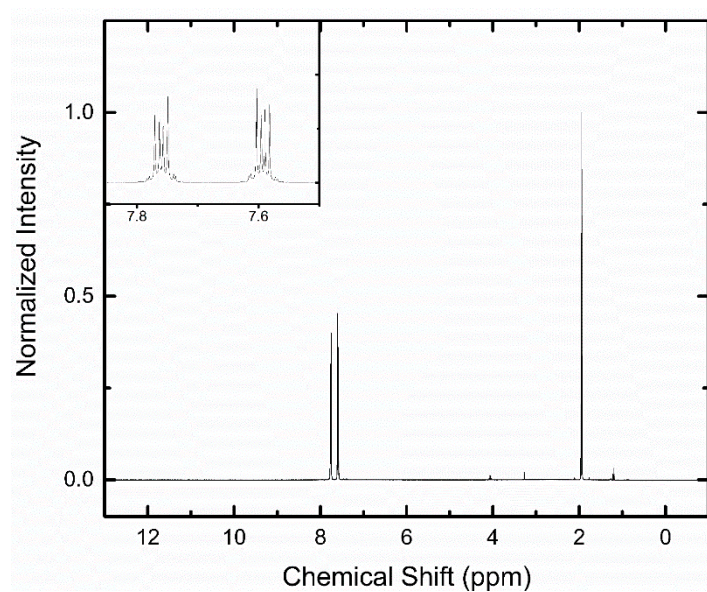


Figure S2. 1H -NMR spectra of DIII from Route B at 400 MHz in MeCN- d_3 . Spectrum referenced to solvent residual peak at 1.94 ppm.

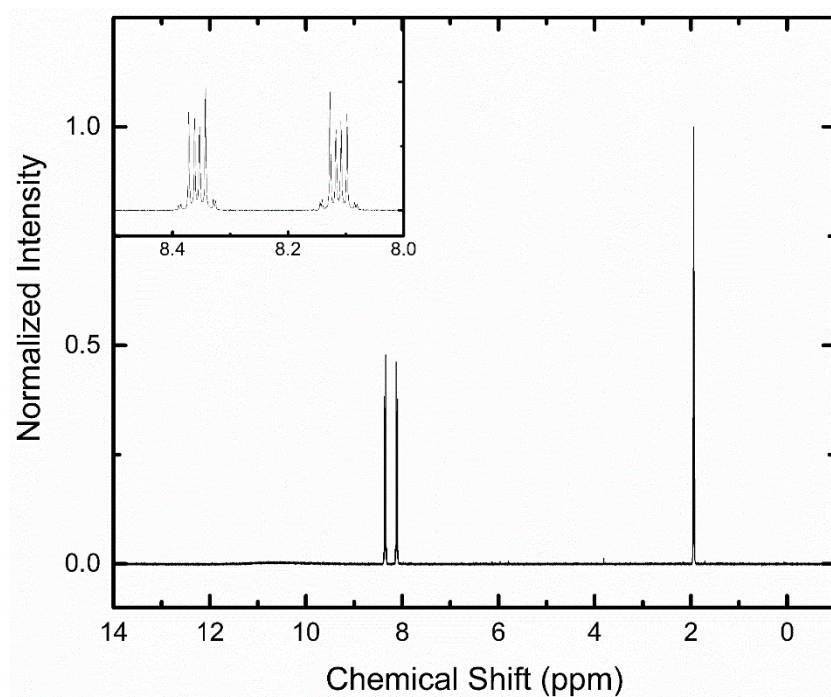


Figure S3. ^1H -NMR spectra of $[\text{H}_2\text{DIII}][\text{OTf}]_2$ at 300 MHz in MeCN-d_3 . Spectrum referenced to solvent residual peak at 1.94 ppm.

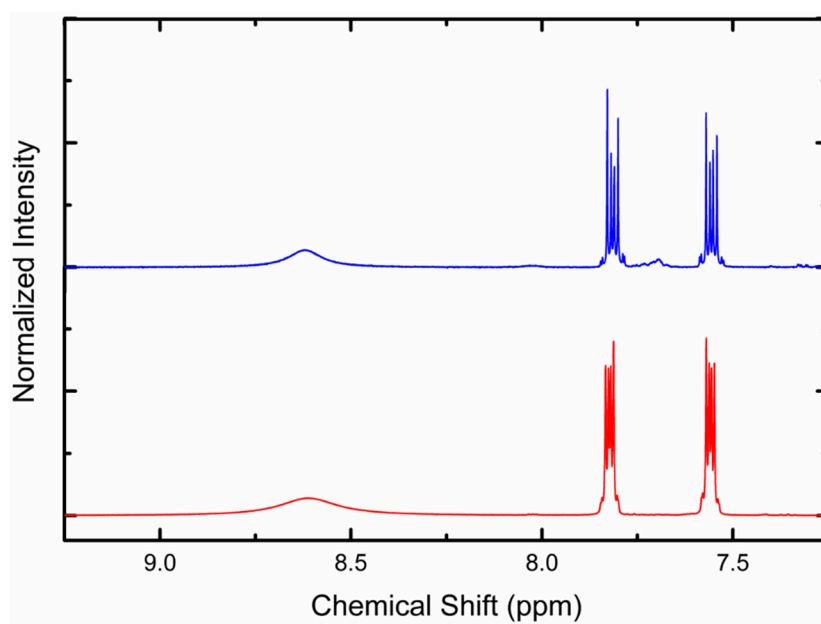


Figure S4. ^1H -NMR spectra of DIII from commercial source (blue) and from Route B (red) in DMSO-d_6 at 400 MHz. Spectra referenced to residual solvent peak at 2.50 ppm.

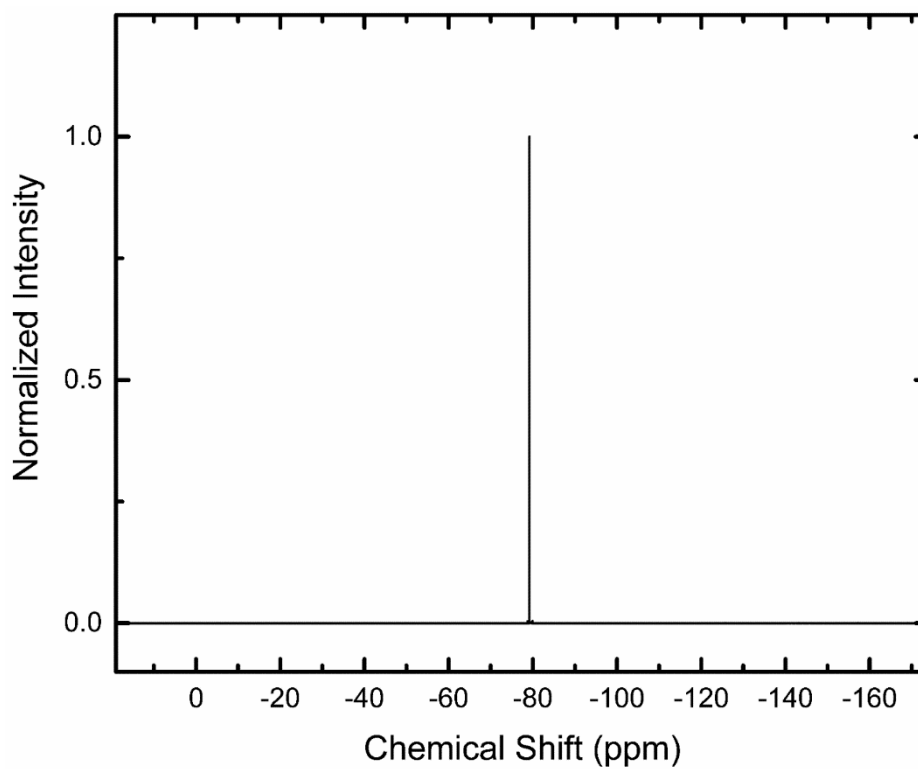


Figure S5. ^{19}F -NMR spectra of $[\text{H}_2\text{DIII}][\text{OTf}]_2$ at 300 MHz in MeCN-d_3 . Spectrum referenced to F_3CCOH at -76.55 ppm.



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