Electronic Supporting Information

Effect of π-spacers and anchoring groups on the photovoltaic performances of ullaazine-based dyes

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$^1$H NMR and $^{13}$C NMR spectra

![NMR Spectra](image)

Figure S1 $^1$H NMR and $^{13}$C NMR spectra of QD1
Figure S2  $^1$H NMR and $^{13}$C NMR spectra of QD2
Figure S3: $^1$H NMR and $^{13}$C NMR spectra of QD3