Supporting Information

Synthesis and physicochemical properties of poly[2-(cyclohex-2-en-1-yl)aniline] as a new polyaniline derivative

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Figure S1. $^1$H–$^{13}$C HSQC spectra of (2-cyclohex-2-en-1-yl)aniline.
Figure S2. $^1$H–$^{13}$C HSQC spectra of poly[(2-cyclohex-2-en-1-yl)aniline].

Figure S3. Photoluminescence excitation - emission map of C1.
Figure S4. Photoluminescence excitation - emission map of C2.

Figure S5. Photoluminescence excitation - emission map of C3.
Figure S6. Photoluminescence excitation - emission map of C4.

Figure S7. Photoluminescence excitation - emission map of C5.
Figure S8. Photoluminescence excitation - emission map of C6.

Figure S9. Photoluminescence excitation - emission map of C7.
Figure S10. Photoluminescence excitation - emission map of C8.