SUPPORTING INFORMATION

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1. The optimized structures obtained from density functional theory calculations.
2. Molecular orbital diagrams for the LUMOs and HOMOs.
3. CPL spectra of modified D/L ratio in CHCl₃-MeOH mixtures.
4. ¹H NMR and ¹³C NMR spectra of compounds.
5. SEM images of L-1 and D/L-2.
1. The optimized structures obtained from density functional theory calculations.

Figure S1. The optimized structures obtained from density functional theory calculations for two chiral molecules $D$-$1$: a) top viewport b) side viewport.
2. Molecular orbital diagrams for the LUMOs and HOMOs.

Figure S2. Molecular orbital diagrams for the LUMOs and HOMOs for both monomer and dimeric forms of \textit{D-1} from DFT calculations.

3. CPL spectra of modified D/L ratio in CHCl$_3$-MeOH mixtures.
Figure S3. CPL spectra of modified D/L ratio of a) D/L-1 and b) D/L-2 in CHCl₃-MeOH mixtures at a fixed concentration (5.0 × 10⁻⁵ mol L⁻¹, f₁₁ (Vol%) = 99).

4. ¹H MR and ¹³C NMR spectra of compounds.

Figure S4. ¹H NMR of 1 (400 MHz, CDCl₃).
Figure S5. $^1$H NMR of 2 (400 MHz, CDCl$_3$).

Figure S6. $^1$H NMR of 3 (400 MHz, CDCl$_3$).
Figure S7. $^{13}$C NMR of 3 (100 MHz, CDCl$_3$).

Figure S8. $^1$H NMR of $^{D/L}$-1 (400 MHz, CDCl$_3$).
Figure S9. $^{13}$C NMR of $D/L$-1 (100 MHz, CDCl$_3$).

Figure S10. $^1$H NMR of $D/L$-2 (400 MHz, CDCl$_3$).
Figure S11. $^{13}$C NMR of $D/L$-2 (100 MHz, CDCl$_3$).

6. SEM images of $L$-1 and $D/L$-2.

Figure S12. SEM image of $L$-1 obtained from CHCl$_3$. 
Figure S13. SEM images of $L$-1 at $f_m = 99\%$. 
Figure S14. SEM images of \( L \)-2 at \( f_m \) = 99\%.
Figure S15. SEM images of $D$-2 at $f_m = 99\%$.