Supporting Information:

Substituent Effects of Bridged Binaphthyl-Type Chiral Dopants on the Helical Twisting Power in Dopant-Induced Chiral Liquid Crystals

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Helical senses of synthesized chiral dopants

**Figure S1** Contact methods: Optical textures of (a) 0.5wt% mixtures of 1a-1f in JC-1041XX and (b) 0.5wt% mixtures of 1a-1f in MBBA. The reference material denotes cholesteryl oleyl carbonate (COC) possessing a left-handed (LH) helical sense.
Figure S2 $^1$H-NMR spectrum of 3.
Figure S3 $^{13}$C-NMR spectrum of 3.
Figure S4 High resolution mass spectrum of 3.
Figure S5 $^1$H-NMR spectrum of 4f.
Figure S6 $^{13}$C-NMR spectrum of 4f.
Figure S7 High resolution mass spectrum of 4f.
Figure S8 $^1$H-NMR spectrum of 1a.
Figure S9 $^{13}$C-NMR spectrum of 1a.
Figure S10 High resolution mass spectrum of 1a.
Figure S11 $^1$H-NMR spectrum of 1b.
Figure S12 $^{13}$C-NMR spectrum of 1b.
Figure S13 $^{19}$F-NMR spectrum of 1b.
Figure S14 High resolution mass spectrum of 1b.
Figure S15 $^1$H-NMR spectrum of 1c.
Figure S16 $^{13}$C-NMR spectrum of 1c.
Figure S17 High resolution mass spectrum of 1c.
Figure S18 $^1$H-NMR spectrum of 1d.
Figure S19 $^{13}$C-NMR spectrum of 1d.
Figure S20 High resolution mass spectrum of 1d.
Figure S21 $^1$H-NMR spectrum of 1e.
Figure S22 $^{13}$C-NMR spectrum of 1e.
Figure S23 High resolution mass spectrum of 1e.
Figure S24 $^1$H-NMR spectrum of 1f.
Figure S25 $^{13}$C-NMR spectrum of 1f.
Figure S26 High resolution mass spectrum of 1f.