Supporting Information

Mesomorphic and Luminescence Properties of Side-chain Cholesteric Liquid

Crystalline Polymers Containing Eu(III) and Tb(III) Ions

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FIGURE S1. FT-IR spectrogram of M₁

FIGURE S2. ¹H NMR spectrum of M₁ (600 MHz, CDCl₃).

FIGURE S3. FT-IR spectrum of M_2

FIGURE S4. ^1H NMR spectrum of M_2 (600 MHz, CDCl_3).

FIGURE S5. FT-IR spectrum of $P_1 \sim P_3$

FIGURE S6. FT-IR spectrum of lanthanide-containing polymers