

Electronic Supporting Information

New LC formation induced by Nano-Scal Phase separation composed of a Bent-core Liquid crystal and Rod-like cholesteric liquid crystal mixtures

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1. Fig.S1: Binary phase diagram of MLC-6248 and ZLI-2293. Phase transition temperature was mainly determined by texture observation and X-ray diffraction.
2. Fig.S2: Two dimensional small-angle X-ray profiles of ZLI-2293 (mixture A) at room temperature. Scattering at the equatorial direction comes from the edge of a sample cell.