

Field-induced inversion of chirality in SmCP_A phases of new achiral bent-core mesogens

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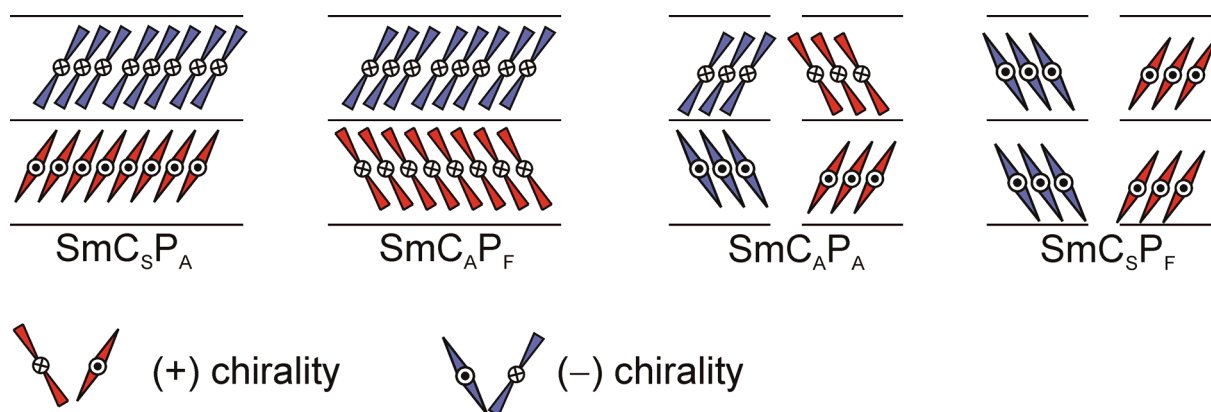


Fig. S1 (ESI) Schematic representation of the organisation of bent-core molecules in adjacent layers of tilted polar smectic phases (SmCP).

The smectic layers are perpendicular to the drawing plane. The subscripts S and A after C designate synclinal and anticlinal interlayer correlation, respectively. The subscripts A and F after P indicate whether the SmCP is antiferroelectric or ferroelectric. The symbols (⊙ and ⊗) correspond to opposite bent direction of the molecules, that means, to opposite polar axes. Different colours (blue or red) of the molecule symbols indicate different layer chirality.