Supporting Information

Columnar Mesophase Formation of Cyclohexa-\textit{m}-phenylene-based Macrocycles

Wojciech Pisula,\textsuperscript{+} Marcel Kastler, Changduk Yang, Volker Enkelmann and Klaus Müllen*  
Max-Planck-Institut für Polymerforschung, Ackermannweg 10, D-55128 Mainz, Germany.

\textsuperscript{+}Present address: Degussa AG, Process Technology & Engineering, Process Technology - New Processes, Rodenbacher Chaussee 4, D-63457 Hanau-Wolfgang, Germany

*Corresponding author. E-mail: muellen@mpip-mainz.mpg.de

Figure S1. $^1$H NMR spectrum of CHP recorded at room temperature in dichloromethane-\textit{d}_2, solvent peak was colorized in grey.
Figure S2. UV-vis absorption and PL spectra ($\lambda_{exc} = 370$ nm) of compounds CTP and TP in THF solution.

Figure S3. 2D-WAXS pattern of CTP at 160 °C.
**Figure S4.** Polarized optical microscopy of CHP cooled down from the isotropic melt by 0.5 °C/min displaying a typical crystalline texture.