

Influence of lateral methyl/chloro substituent on the liquid crystalline and photoswitching behaviour of bent-core mesogens bearing azobenzene wing: synthesis and characterization

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DSC Thermograms

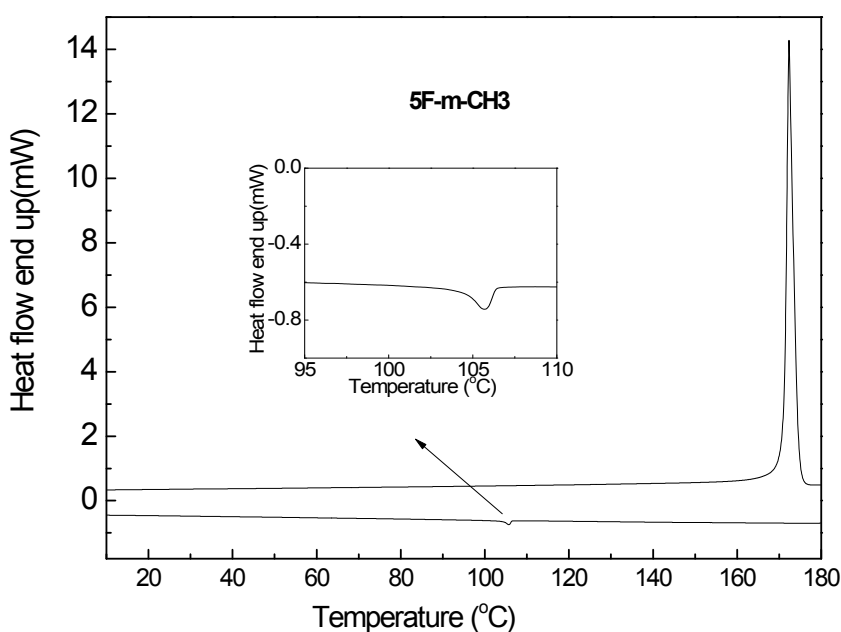


Fig. S1. DSC thermogram of 5F-o-CH₃.

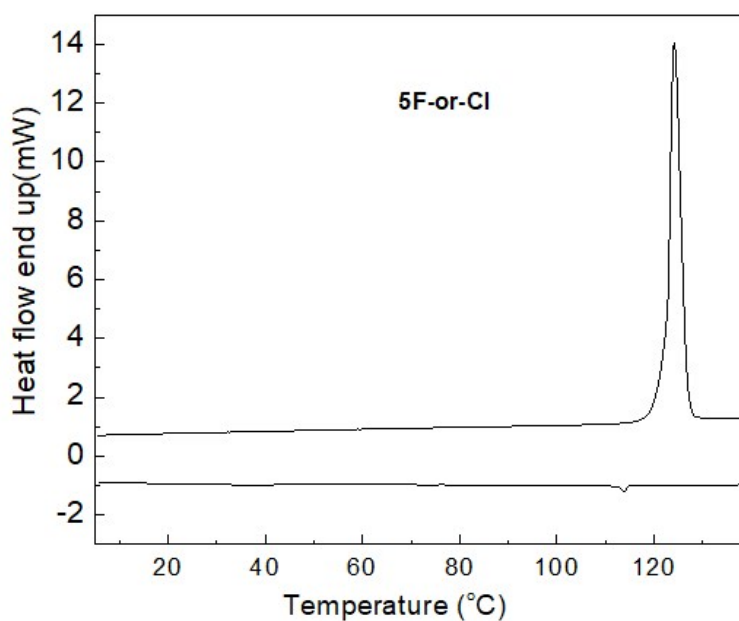


Fig. S2. DSC thermogram of 5F-o-Cl.

¹H and ¹³C-NMR spectra

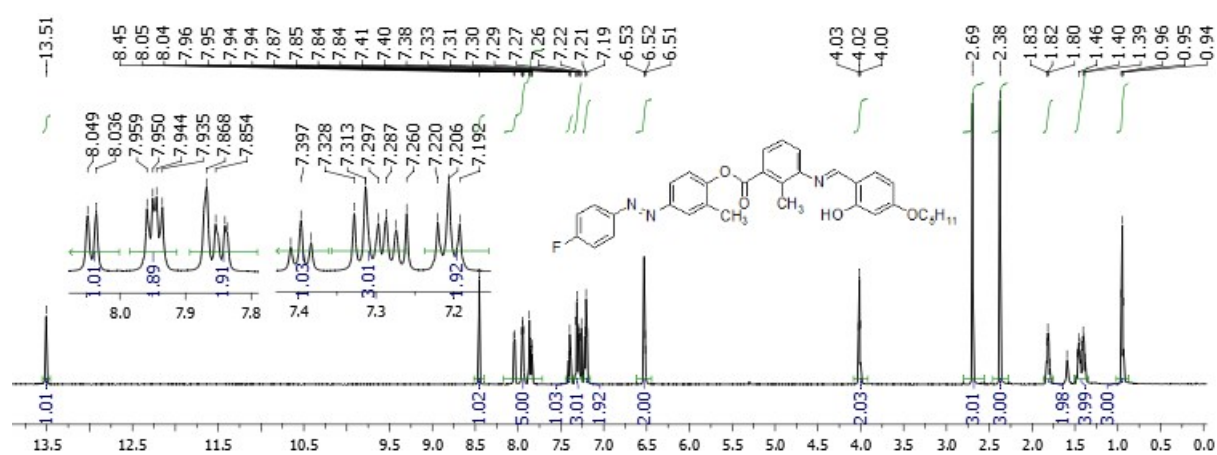


Fig. S3. ¹H-NMR (600 MHz) spectra of 5F-o-CH₃ in CDCl₃.

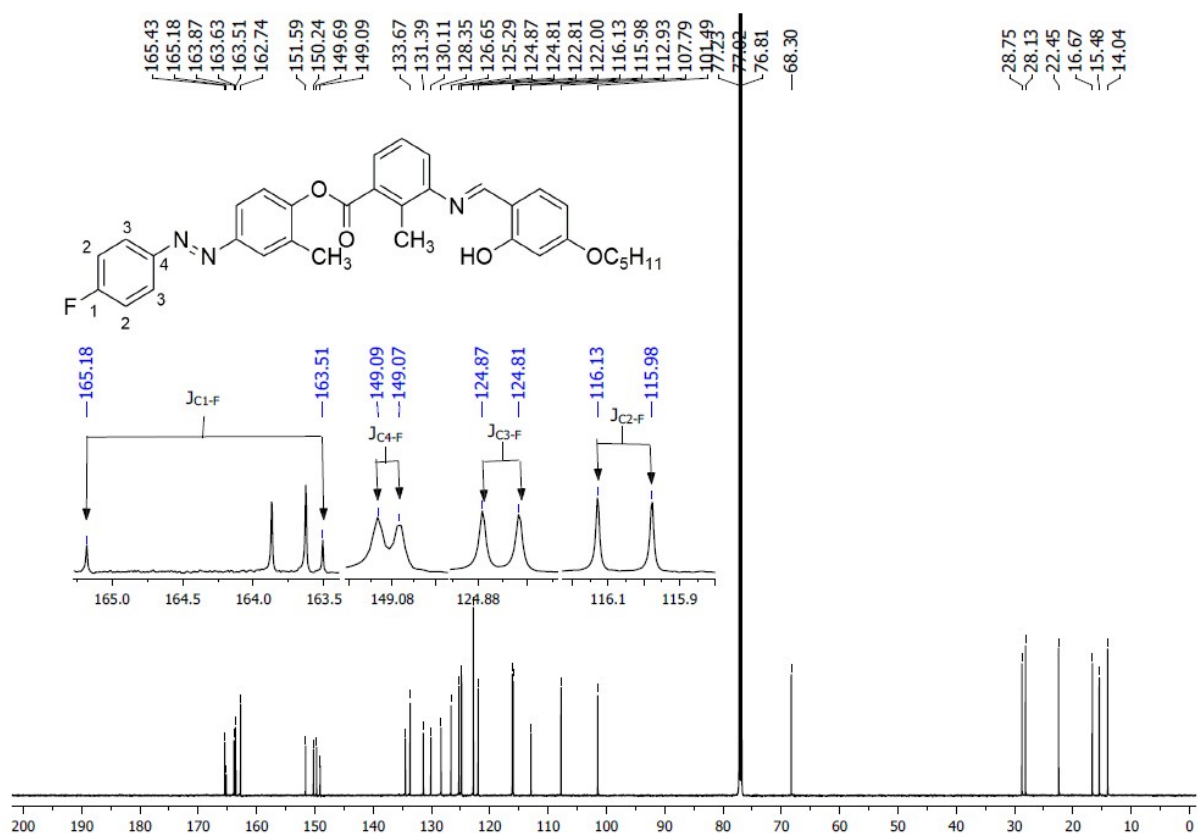


Fig. S4. ¹³C-NMR (151 MHz) spectra of 5F-o-CH₃ in CDCl₃.

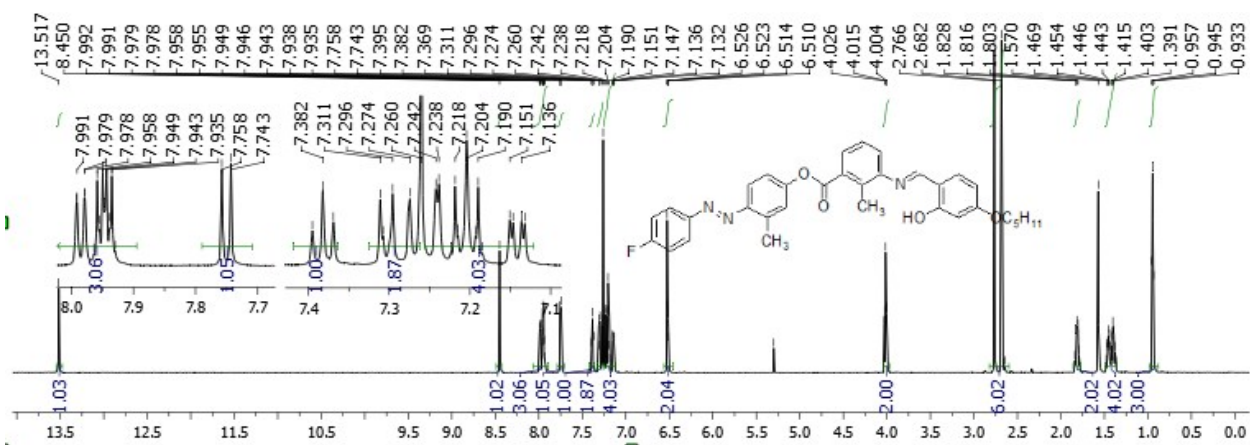


Fig. S5. ¹H-NMR (600 MHz) spectra of 5F-m-CH₃ in CDCl₃.

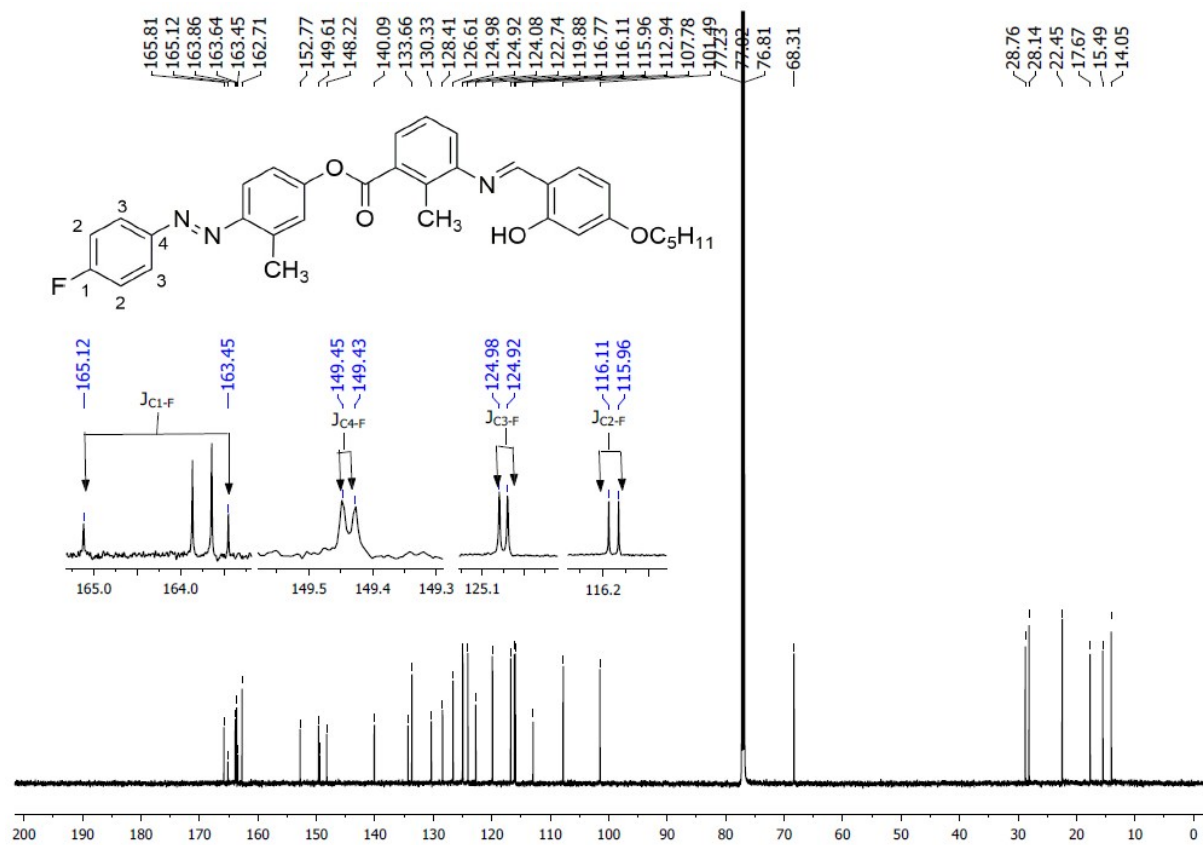


Fig. S6. ¹³C-NMR (151 MHz) spectra of 5F-m-CH₃ in CDCl₃.

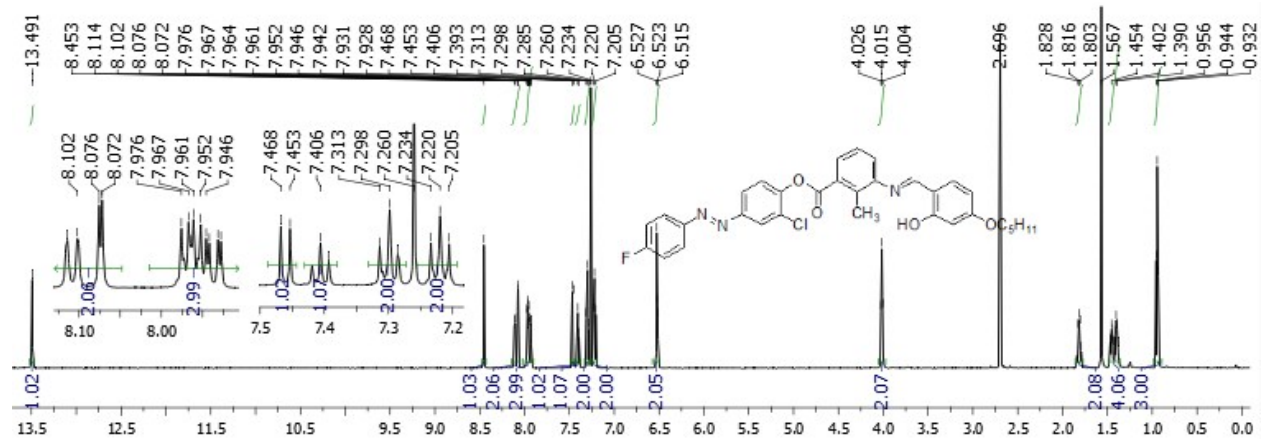


Fig. S7. ¹H-NMR (600 MHz) spectra of 5F-o-Cl in CDCl₃.

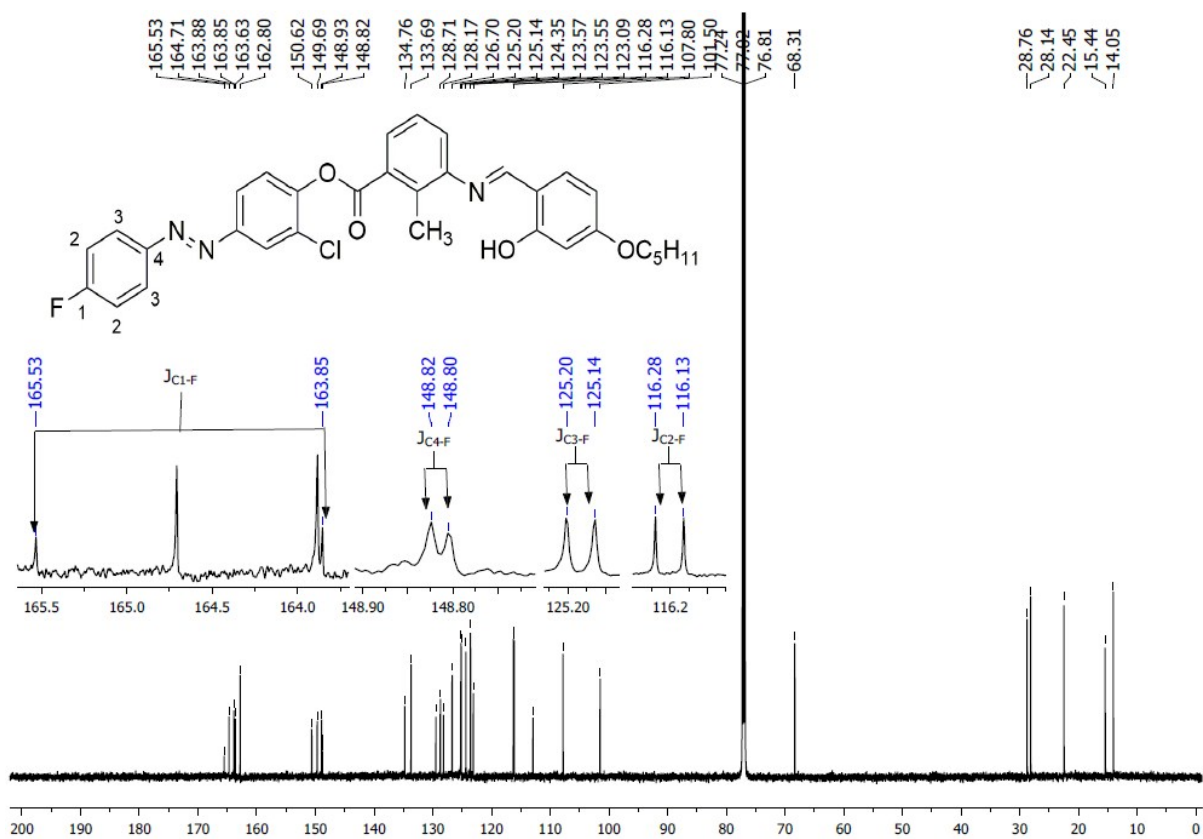


Fig. S8. ^{13}C -NMR (151 MHz) spectra of 5F-o-Cl in CDCl_3 .