

Electronic Supplementary Information (ESI)

New donor-acceptor liquid crystalline complexes of triphenylene and fluorenylidene derivatives: induction of the double gyroid phase

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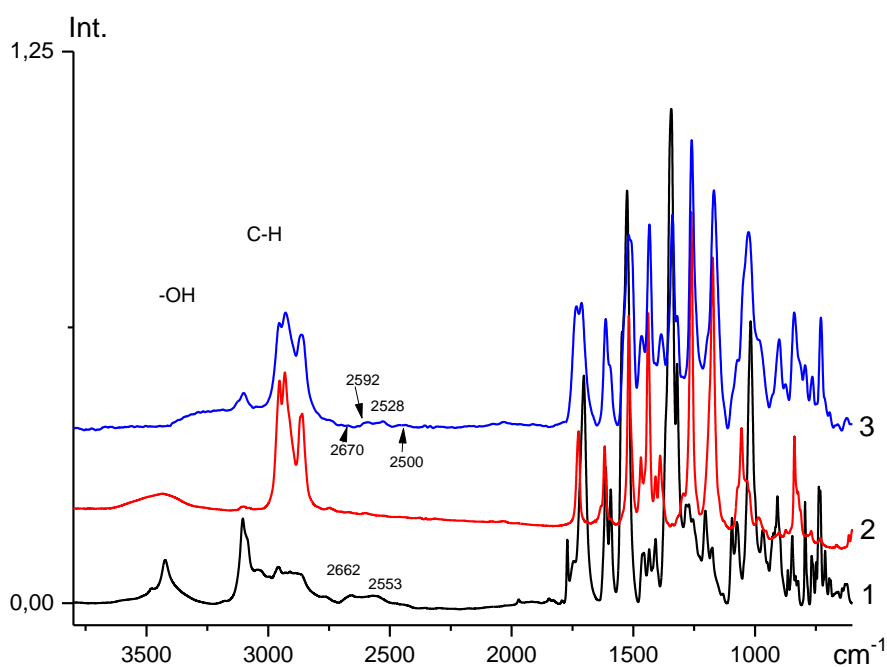
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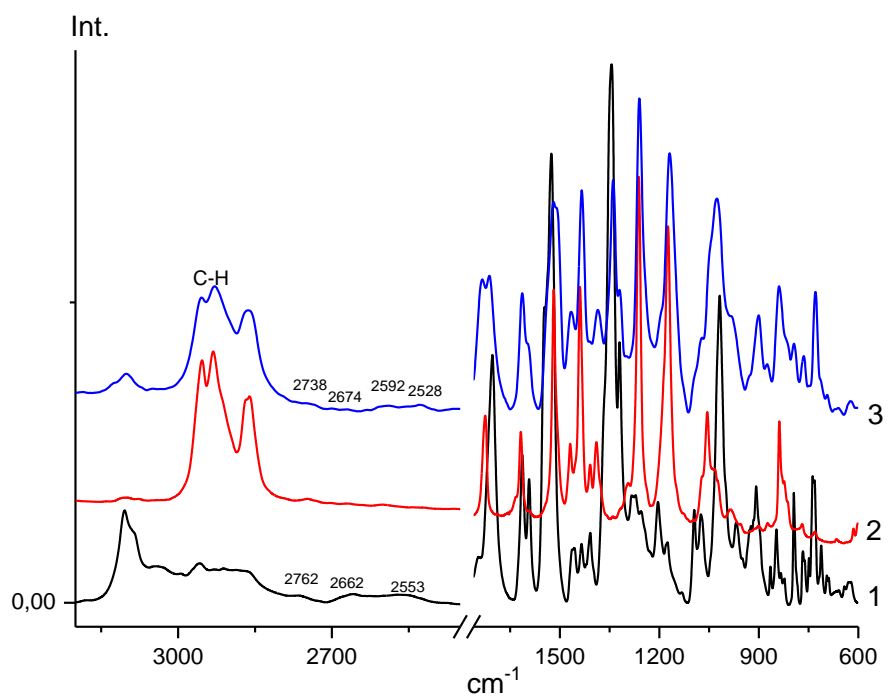
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FTIR spectra

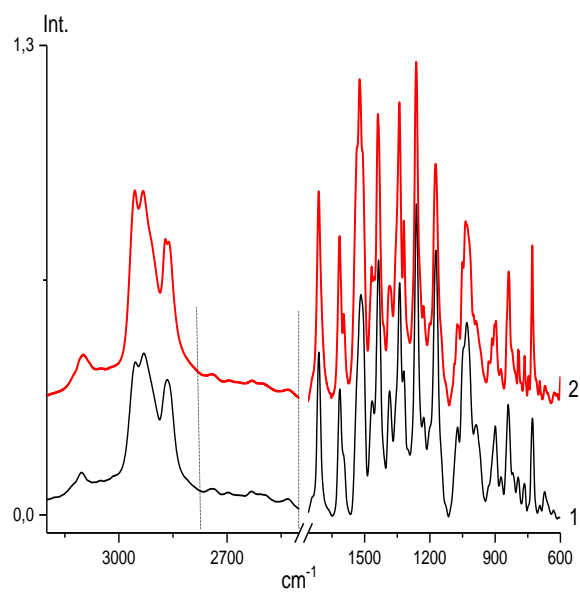


a)

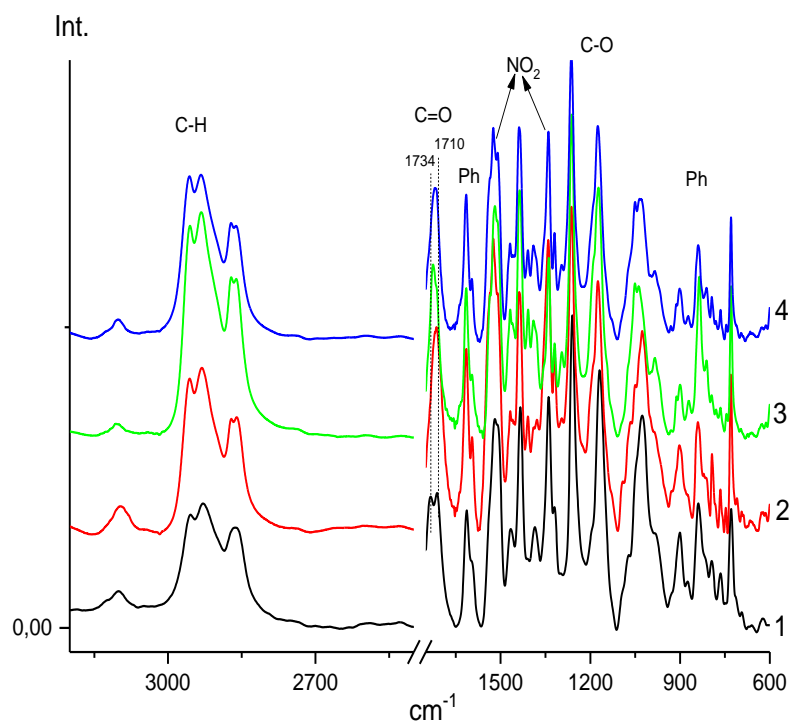


b)

Figure S1. FTIR spectra a - TNF-carb (1), H5T (2) and TNF-carb /H5T (1:4) (3) cm^{-1} and b - TNF-carb (1), TPh-3A (2) and TNF-carb /TPh-3A (1:4)



a)



b)

Figure S2. Spectra of the complexes with different stoichiometry: TNF-carb/ H5T 1:4 (1) and 1:2 (2) (a) and TNF-carb/ TPh-3A (b): 1-1:4, 2 – 2:3, 3- 1:1, 4- 3:2 (b)