**Electronic Supplementary Information**

**Photo-responsive Azo-functionalised Flexible Polymer Substrate for Liquid Crystal Alignment**

B.Sivaranjinia, K. Mohanaa,S. Esakkimuthua, V. Ganeshband S. Umadevia\*

aDepartment of Industrial Chemistry, Alagappa University, Karaikudi – 630002, India.

bElectrodics and Electrocatalysis Division (EEC), CSIR – Central Electrochemical Research

Institute (CSIR−CECRI), Karaikudi – 630003, India

\* Corresponding Author

e-mail: [umadevilc@gmail.com](mailto:umadevilc@gmail.com)

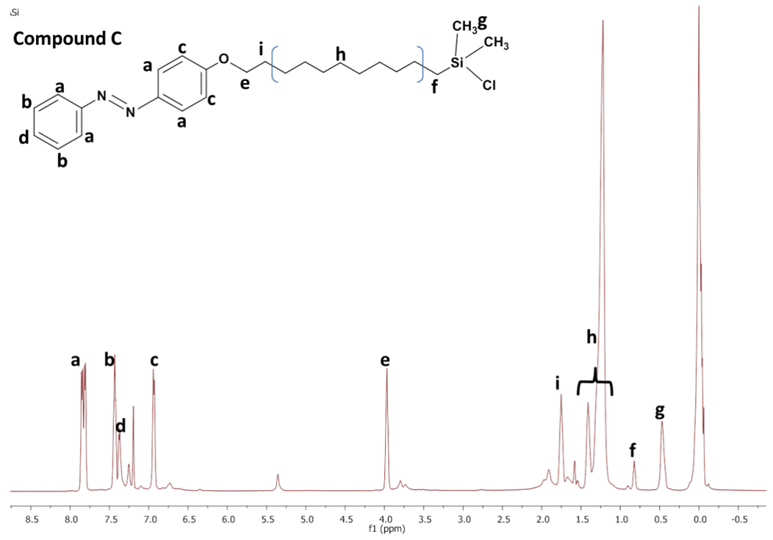
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**Figure S1**. FT-IR spectra recorded for (a) alkene-terminated compound (**B**) and (b) silane-

terminated compound (**C**) respectively.



**Figure S2.**1H-NMR spectrum of alkene-terminated azo compound **(B).**

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**Figure S3.**1H-NMR spectrum of silane-terminated azocompound **(C).**