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Title:	Rod-disc oligomeric liquid crystal based on 4-cyanobiphenyl and truxene core
Authors:	Bala, I. (/jspui/browse?type=author&value=Bala%2C+I.) Pal, S.K. (/jspui/browse?type=author&value=Pal%2C+S.K.)
Keywords:	Truxene Nematic Cyanobiphenyl Discotic
Issue Date:	2016
Publisher:	Taylor & Francis
Citation:	Liquid Crystals, 43(7),pp.963-971.
Abstract:	A facile synthesis of a novel covalently linked disc-rod mesogen is reported consisting of a truxene-based core attached to which are six 4-cyanobiphenyl units via flexible alkyl spacers. The compound formed a stable Langmuir monolayer at the air-water interface. The atomic force microscope study on the Langmuir-Blodgett film of the molecule reveals a tilted orientation at air-solid interfaces.
URI:	https://www.tandfonline.com/doi/full/10.1080/02678292.2016.1153733 (https://www.tandfonline.com/doi/full/10.1080/02678292.2016.1153733) http://hdl.handle.net/123456789/2596 (http://hdl.handle.net/123456789/2596)
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