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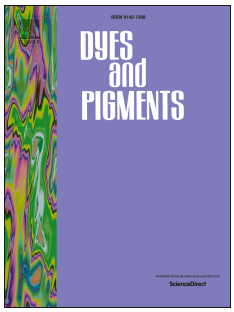

High thermally stable D–π–A chromophores with quinoxaline moieties in the conjugated bridge: Synthesis, DFT calculations and physical properties

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Graphical abstract

The chromophore **A** belonging to a new class of push-pull chromophores with divinylquinoxaline π-bridge demonstrates the combination of favorable characteristics for the development of effective electro-optic materials: