## Push-Pull Chromophores from Indan-1,3dione

## Key words


T-Shaped chromophore synthesis:


Significance: The synthesis of T-shaped pushpull chromophores based on indan-1,3-dione as an electron acceptor is presented. The two donor moieties that comprise the T-shaped architecture are installed via the Knoevenagel condensation of 4,7-diiodoindan-1,3-dione with an aryl aldehyde, followed by palladium-catalyzed cross-coupling of the iodides with $N, N$-dimethylaniline or thiophenecontaining substituents.

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