## Control of the Nano-morphology of Donor/Acceptor Bulk Heterojunctions for Molecular Photovoltaic Cells

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The efficiency of the molecular solar cells based on bulk heterojunction concept is a sensitive function of the chemical as well as nano-morphological structure of the molecular solid films. By controlling the nano-morphology of one and the same polymer bulk heterojunction, photovoltaic power conversion efficiencies can be increased over 200%. This nano-morphology control is important for charge carrier generation as well as transport. Self organizing nanostructures are envisioned to realize robust nanomorphologies for organic device applications.