

Supporting Information

Conjugated Polymers Consisting of Quinacridone and Quinoxaline as Donor Materials for Organic Photovoltaics: Orientation and Charge Transfer Properties of Polymers Formed by Phenyl Structures with a Quinoxaline Derivative

Ho-Jun Song, Doo-Hun Kim, Eui-Jin Lee, Doo-Kyung Moon*

Department of Materials Chemistry and Engineering, Konkuk University, 1 Hwayang-dong,
Gwangjin-gu, Seoul 143-701, Republic of Korea.

E-mail: dkmoon@konkuk.ac.kr

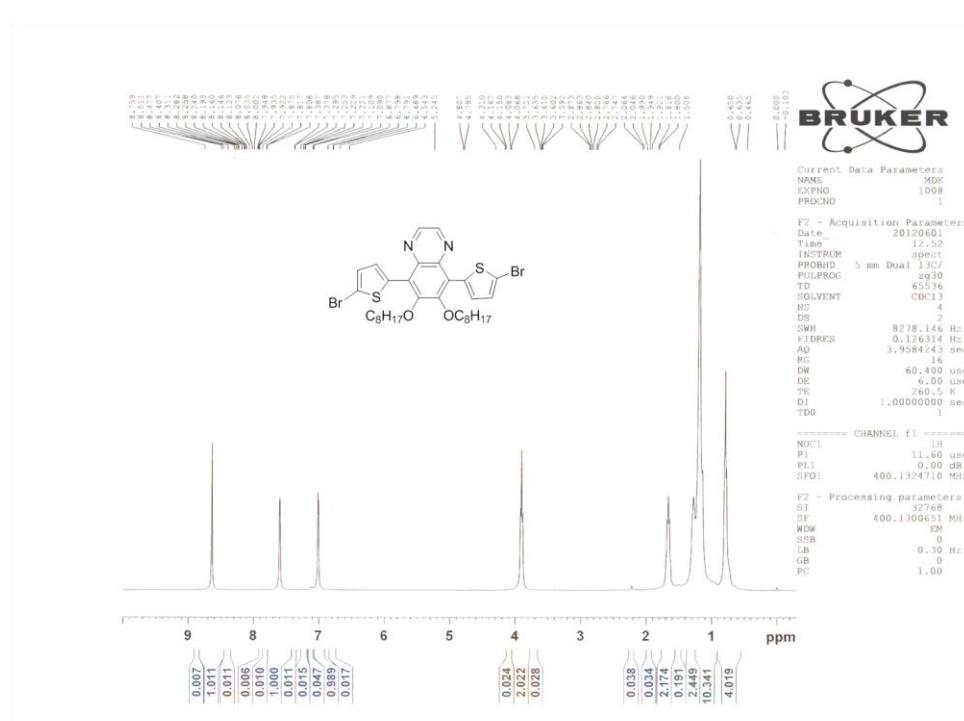


Figure S1. ^1H -NMR of M2

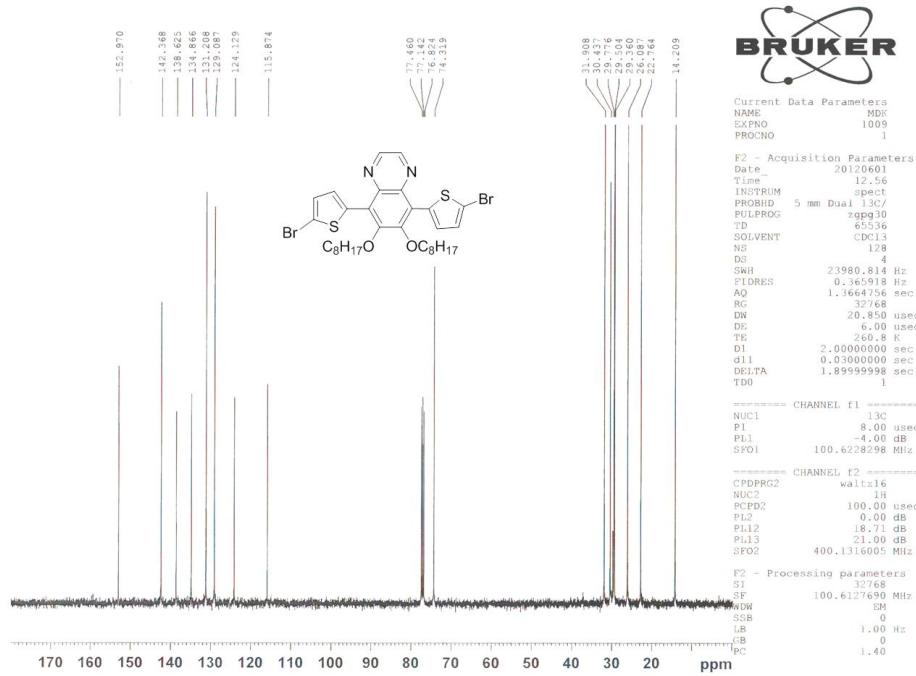


Figure S2. ^{13}C -NMR of M2

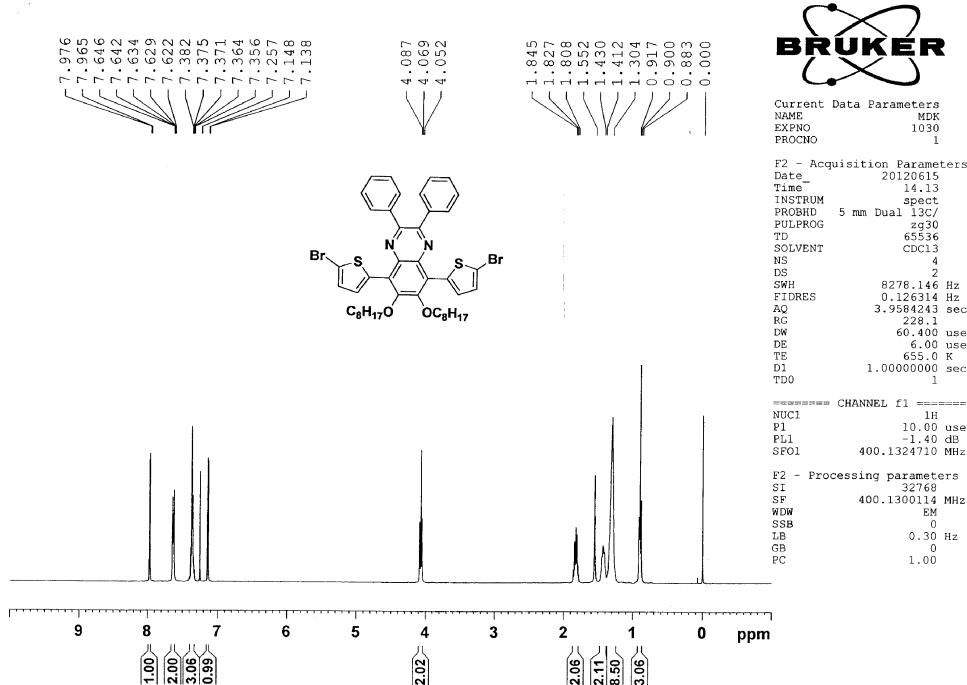


Figure S3. ^1H -NMR of M3

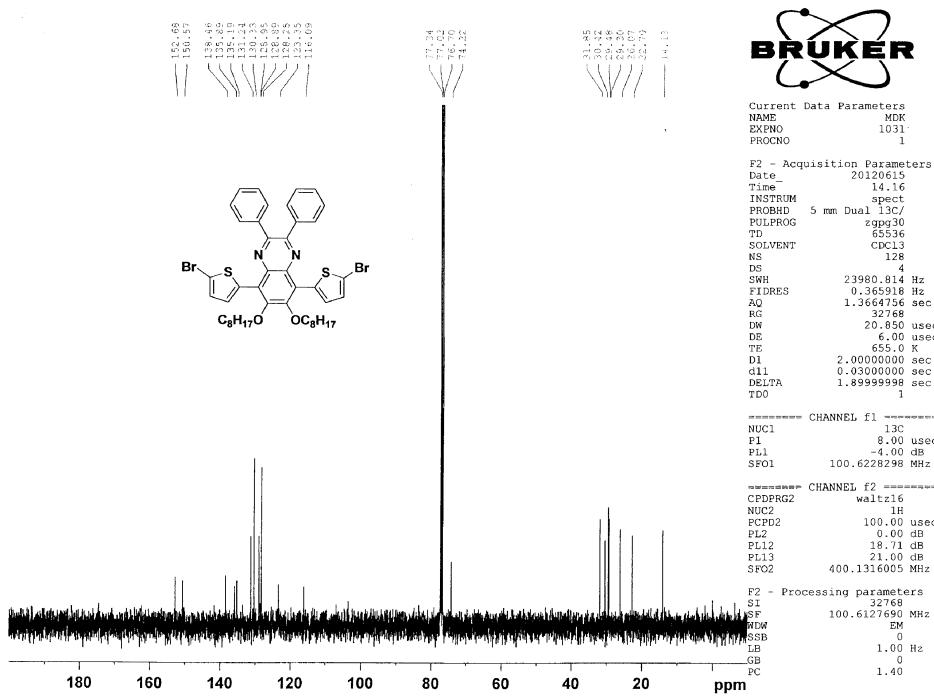


Figure S4. ¹³C-NMR of M3

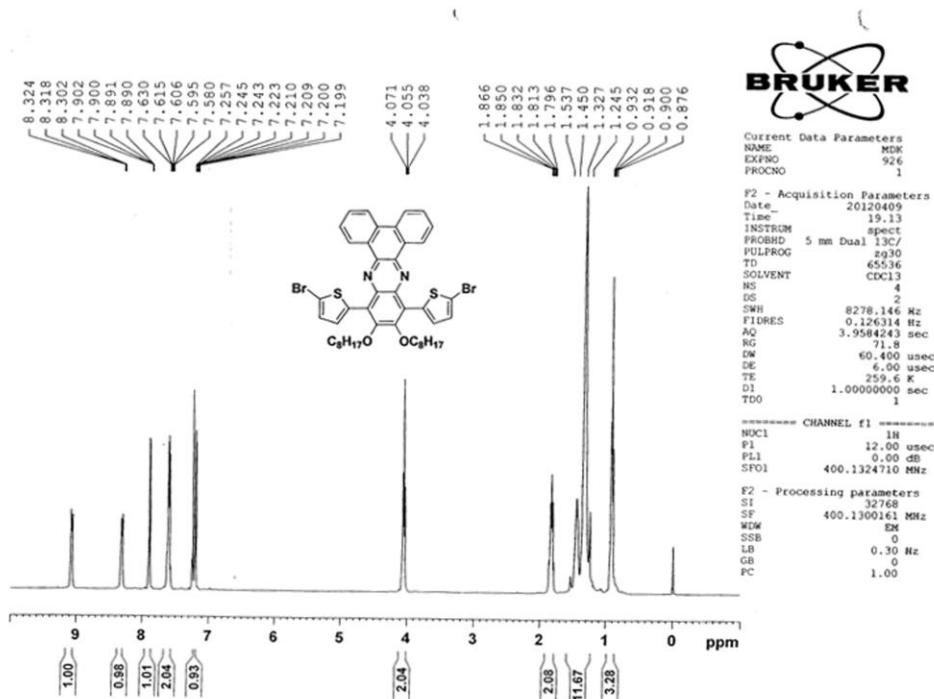


Figure S5. ¹H-NMR of M4

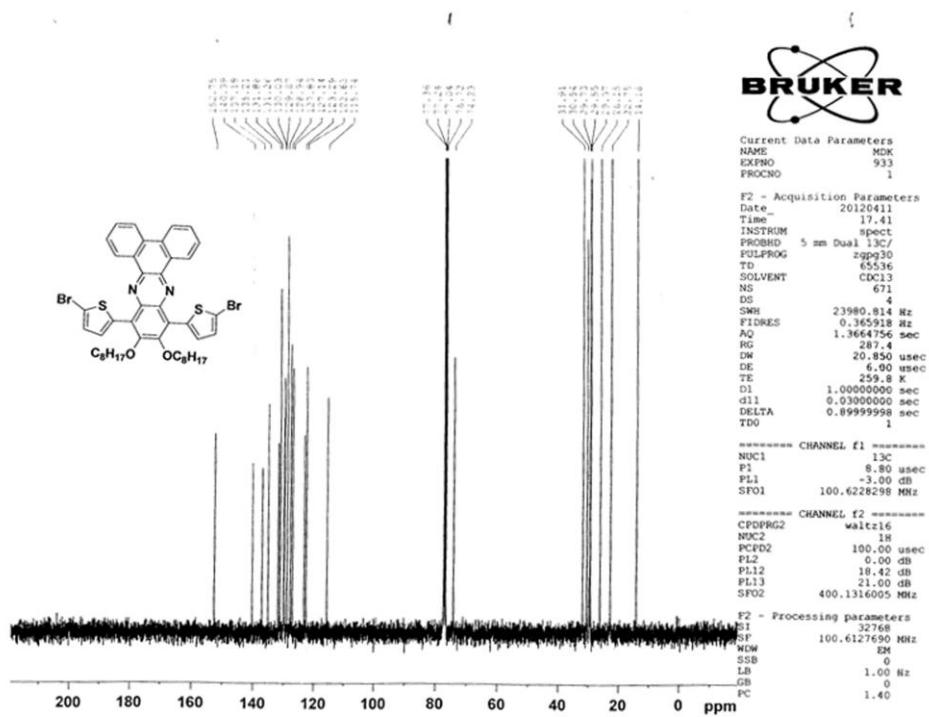


Figure S6. ^{13}C -NMR of M4

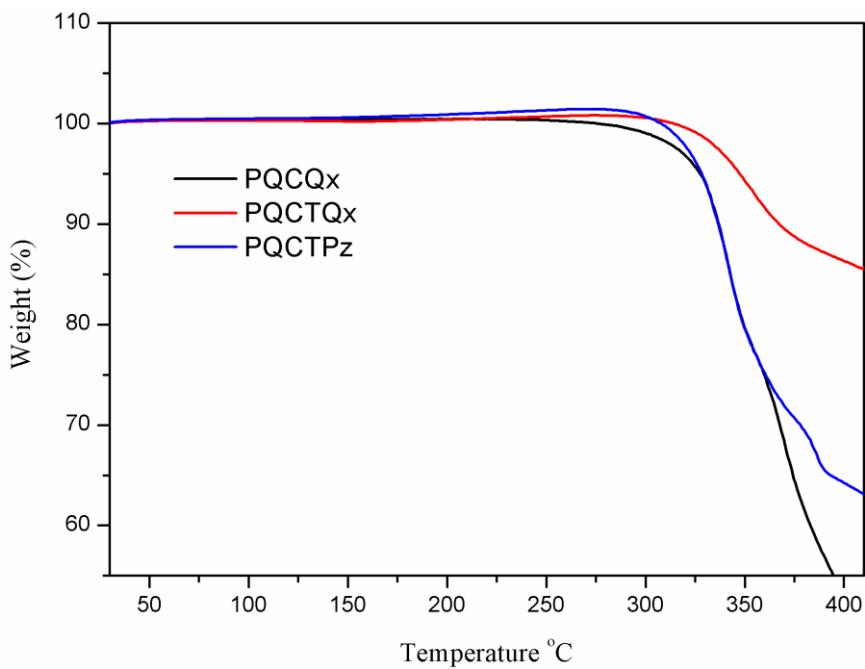


Figure S7. TGA data of polymers

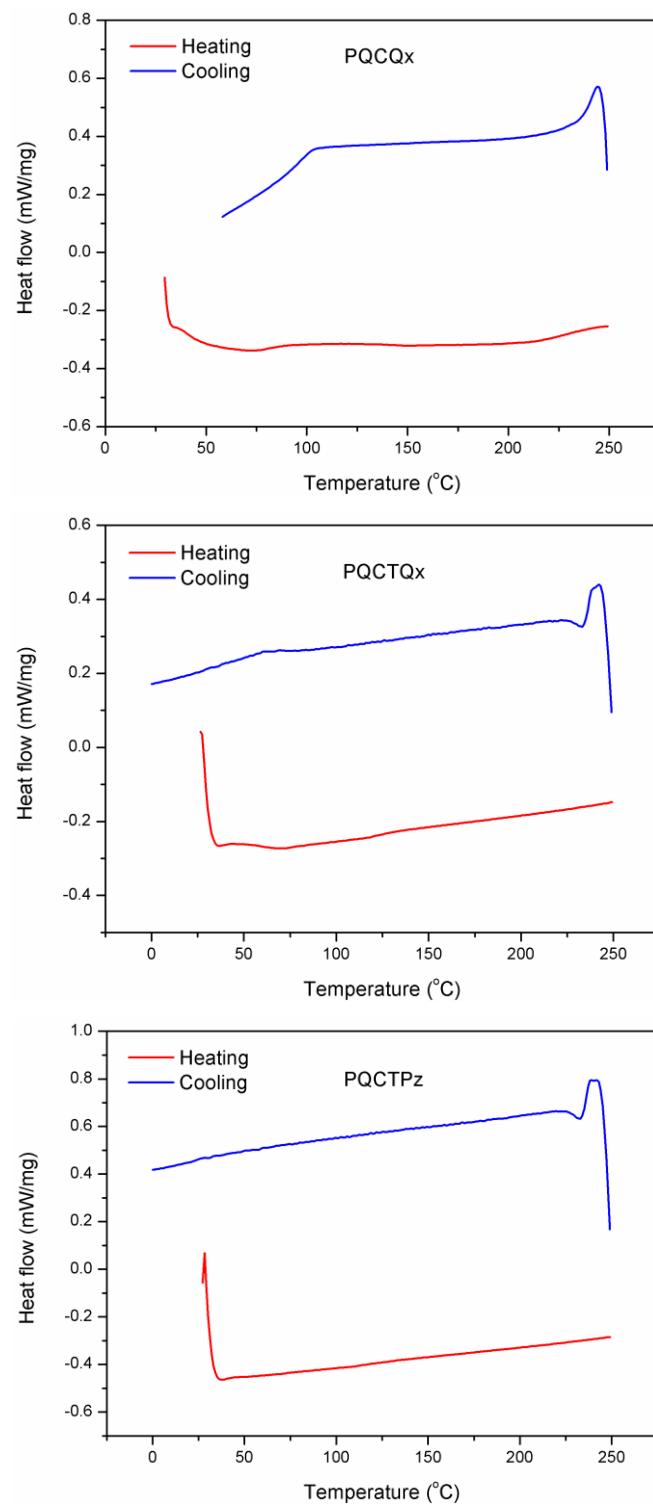


Figure S8. DSC data of polymers

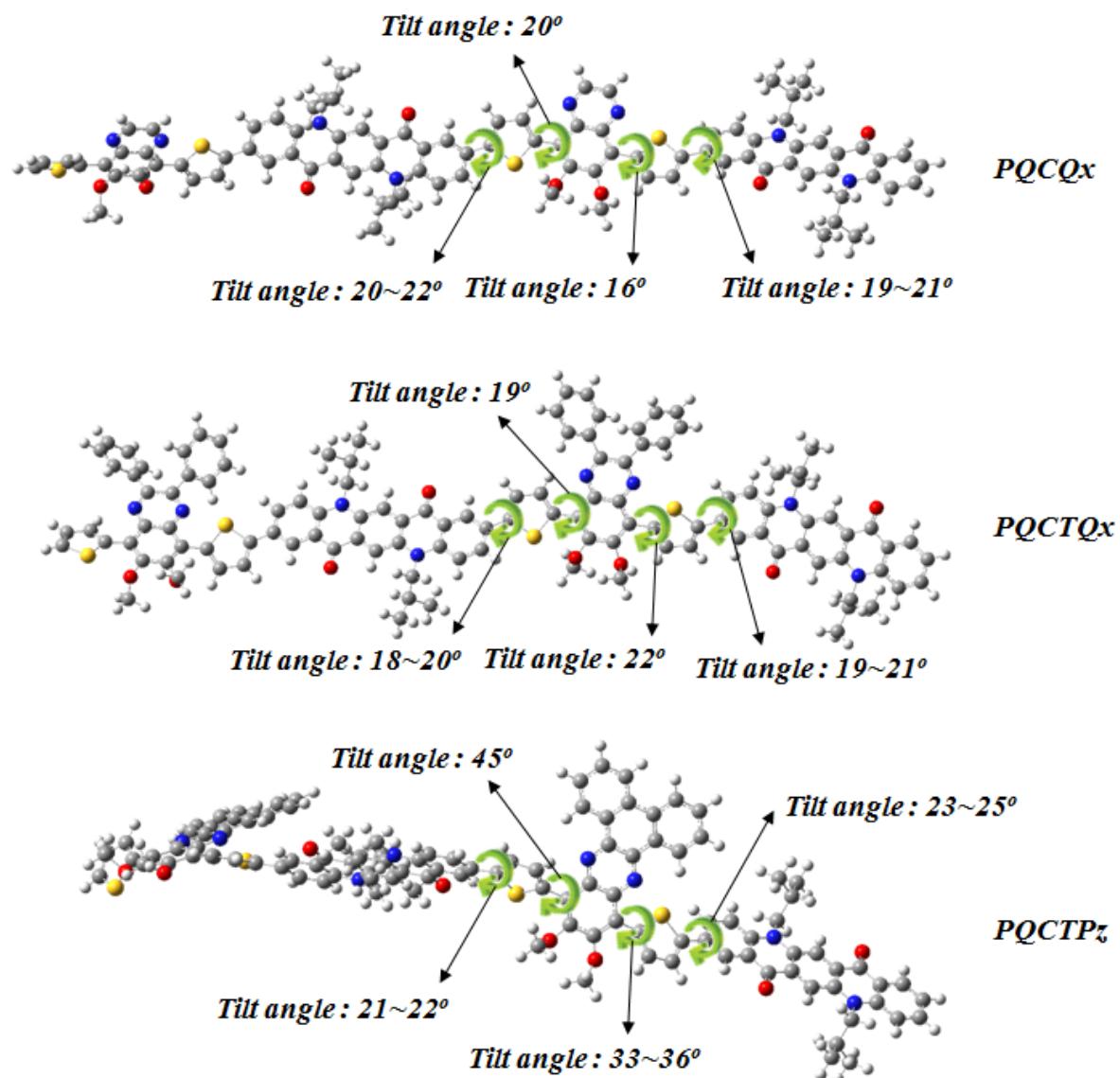


Figure S9. Dihedral angel of polymers through the 6-31G* basis set in Gaussian09