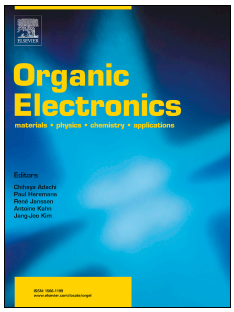
Accepted Manuscript



Novel naphthalene-diimide-based small molecule with a bithiophene linker for use in organic field-effect transistors

Yeon Hee Ha, Jong Gyu Oh, Sejin Park, Soon-Ki Kwon, Tae Kyu An, Jaeyoung Jang, Yun-Hi Kim

PII: S1566-1199(18)30502-0

DOI: 10.1016/j.orgel.2018.09.037

Reference: ORGELE 4903

To appear in: *Organic Electronics*

Received Date: 15 August 2018

Revised Date: 11 September 2018

Accepted Date: 25 September 2018

Please cite this article as: Y.H. Ha, J.G. Oh, S. Park, S.-K. Kwon, T.K. An, J. Jang, Y.-H. Kim, Novel naphthalene-diimide-based small molecule with a bithiophene linker for use in organic field-effect transistors, *Organic Electronics* (2018), doi: https://doi.org/10.1016/j.orgel.2018.09.037.

Novel naphthalene-diimide-based small molecule with a bithiophene linker for use in organic field-effect transistors

Yeon Hee Ha,[a,1] *Jong Gyu Oh,*[b,1] *Sejin Park,*[c] *Soon-Ki Kwon,*[d] *Tae Kyu An,*[c,e,*] *Jaeyoung Jang,*[b,*] *and Yun-Hi Kim*[a,*]

[a] Department of Chemistry and RINS, Gyeongsang National University, Jinju 660-701, Republic of Korea.

[b] Department of Energy Engineering, Hanyang University, Seoul 04763, Republic of Korea.

[c] Department of IT Convergence, Korea National University of Transportation, 50 Daehak-Ro, Chungju 27469, Republic of Korea.

[d] Department of Materials Engineering and Convergence Technology and ERI, Gyeongsang National University, Jinju 660-701, Republic of Korea.

[e] Department of Polymer Science & Engineering, Korea National University of Transportation, 50 Daehak-Ro, Chungju 27469, Republic of Korea.

Author Information

* Corresponding Authors

E-mail address: taekyu1985@ut.ac.kr (T. K. An)

E-mail address: jyjang15@hanyang.ac.kr (J. Jang)

E-mail address: ykim@gnu.ac.kr (Y.-H. Kim)

[1] Both Y. H. Ha and J. G. Oh contributed equally to this work as first authors.