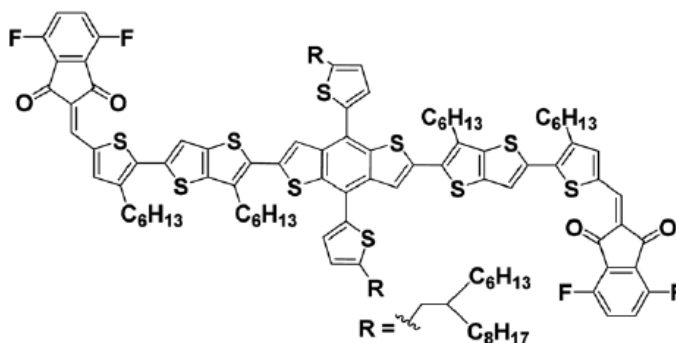


Organic Nano Electronic (ONE=1) Material for these who understand quality

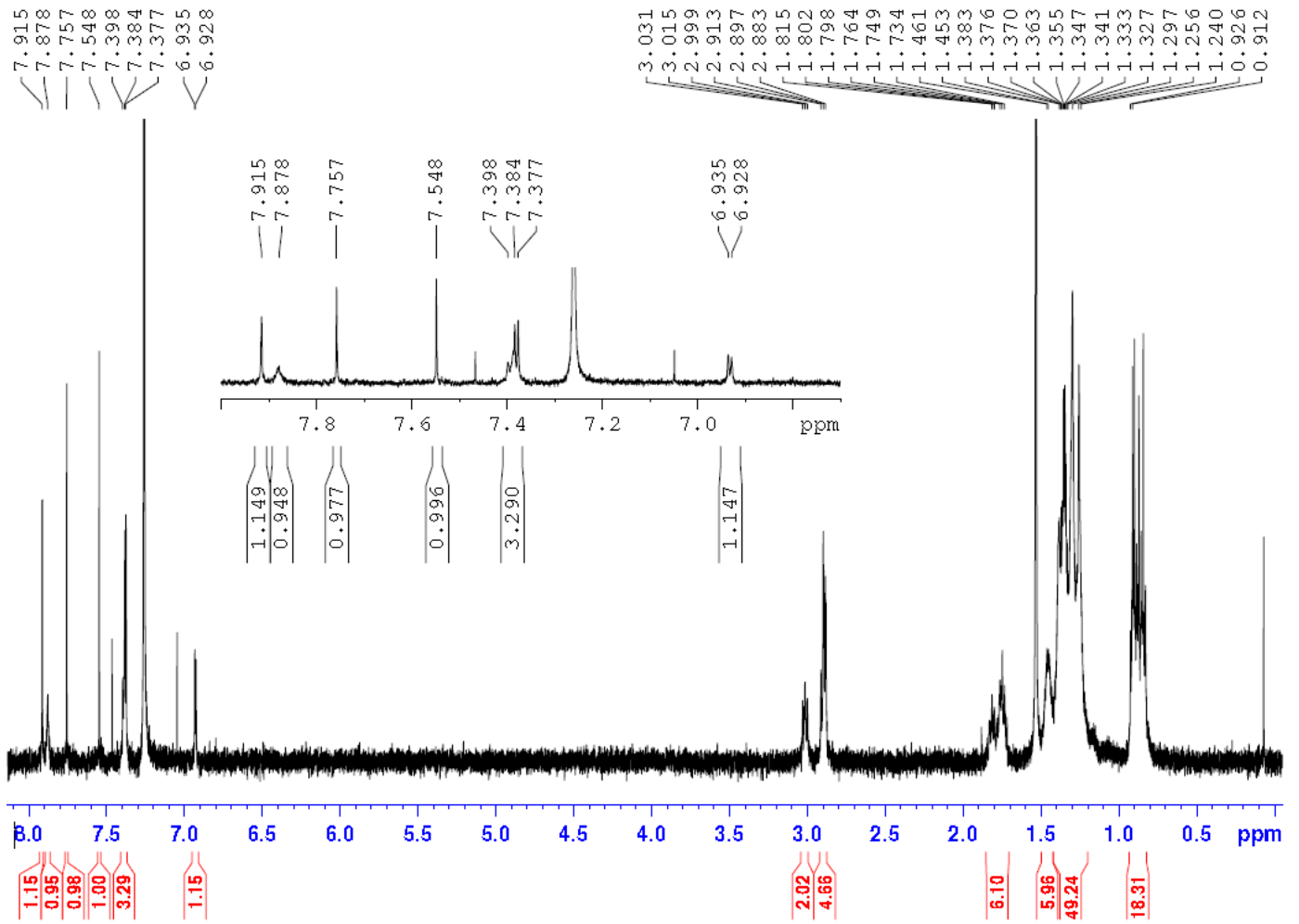
CERTIFICATE OF ANALYSIS

1M Material: BTID_Family
Common Name: BTID-2F, also available BTID-0F and BTID-1F
Chemical Structure: BTID-2F shown below

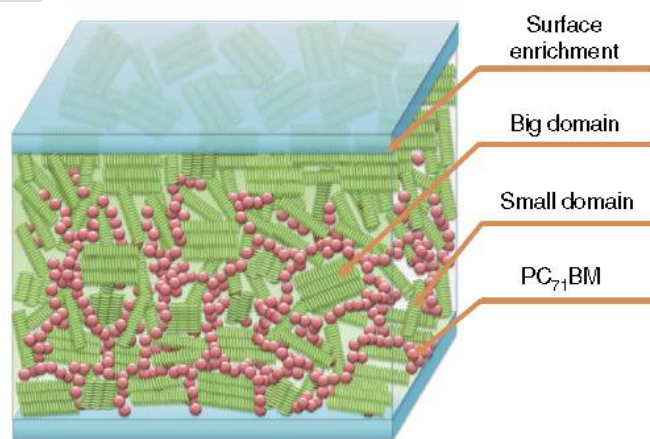
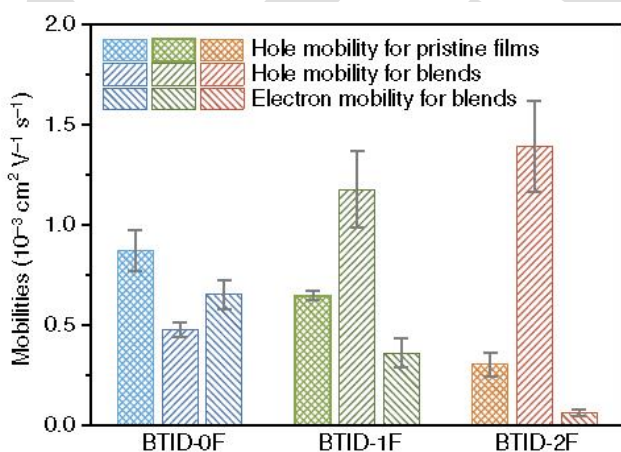
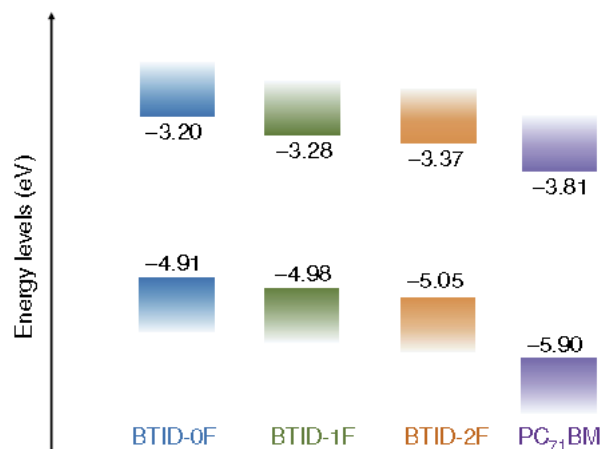
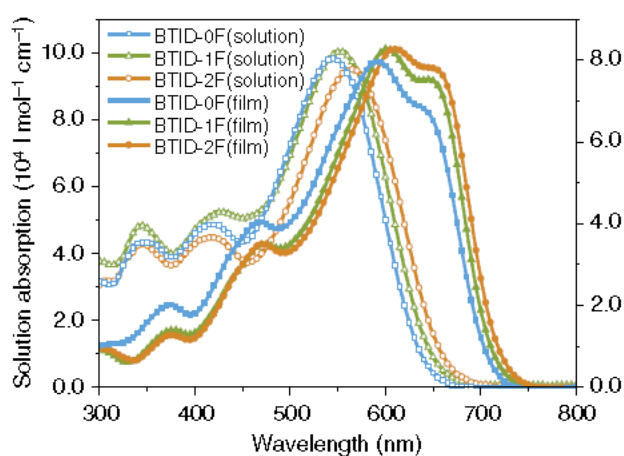


Lot: HW1253P
Appearance: Dark brown powder
NMR: Confirmed
Assay: 99+% (NMR)
Solubility: Soluble in DMSO, dichloro-benzene
References: *Nat. Commun*, DOI 10.1038/ncomms13740
Sol. RRL 2020, 4, 1900580

NMR (internal reference)



Fluorination-enabled optimal morphology leads to over 11% efficiency for inverted small-molecule organic solar cells



Full Paper

High-Efficient Charge Generation in Single-Donor-Component-Based p-i-n Structure Organic Solar Cells

Yajie Zhang, Dan Deng, Qiong Wu, Yang Mi, Chen Yang, Xuning Zhang, Yang Yang, Wenjun Zou, Jianqi Zhang, Lingyun Zhu ✉, Huiqiong Zhou, Xinfeng Liu, Zhixiang Wei ✉

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