Supporting Information for:

Cyclometalated Ruthenium(II) Complexes with Bis(benzimidazolyl)benzene for Dye-Sensitized Solar Cells

Jiang-Yang Shao, Nianqing Fu, Wen-Wen Yang, Chun-Yu Zhang, Yu-Wu Zhong*,
Yuan Lin,* and Jiannian Yao

Beijing National Laboratory for Molecular Sciences, CAS Key Laboratory of Photochemistry, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, China.

*Email: zhongyuwu@iccas.ac.cn (Y.-W.Z.); linyuan@iccas.ac.cn (Y.L.)
Figure S1. CV and DPV of 1a in acetonitrile.

Figure S2. CV and DPV of 3a in acetonitrile.

Figure S3. CV and DPV of 4a in acetonitrile.
Figure S4. CV and DPV of 5a in acetonitrile.

Figure S5. Photocurrent density-voltage characteristic of the device using N3 sensitizers.
$^1$H and $^{13}$C NMR and mass spectra of L4:
$^1$H and $^{13}$C NMR and mass spectra of **L5**: 

[Diagram of NMR spectra] 

[Diagram of mass spectrum]
$^1$H and $^{13}$C NMR and mass spectra of 1a:
$^1$H and $^{13}$C NMR and mass spectra of 2a:
$^1$H NMR and mass spectra of 3a:
$^1$H NMR, $^{13}$C NMR, and mass spectra of 4a:
$^1$H and $^{13}$C NMR and mass spectra of 5a:
$^1$H NMR and mass spectra of 1b:
$^1$H NMR and mass spectra of 2b:
$^1$H NMR and mass spectra of 3b:
$^1$H NMR and mass spectra of 4b:
$^1$H NMR and mass spectra of 5b:
Cartesian coordinates for the DFT-optimized structure of 2a\(^+\) by B3LYP:

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