Supporting Information

for

Effect of Co-sensitization Methods between N719 and Boron Dipyrrromethene Triad on Dye-sensitized Solar Cells Performance

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S1 1H-NMR of compound 2
S2 $^{13}$C-NMR of compound 2

S3 MS of compound 2
S4 $^1$H-NMR of compound 3
**S5** $^{13}$C-NMR of compound 3

**S6** MS of compound 3
S7 $^1$H-NMR of compound 4
S8 $^{13}$C-NMR of compound 4

S9 MS of compound 4
S10 $^1$H-NMR of compound 5
S11 $^{13}$C-NMR of compound 5

S12 MS of compound 5