SUPPLEMENTARY MATERIAL

Figure 1S. The HOMO/LUMO energy gap of starting compound

EHOMO = -0.220
ELUMO = -0.054

Figure 2S. The HOMO/LUMO energy gap of compound 1

EHOMO = -0.249
ELUMO = -0.066

Figure 3S. The HOMO/LUMO energy gap of compound 2

EHOMO = -0.220
ELUMO = -0.054
**Figure 4S.** The HOMO/LUMO energy gap of compound 3

**Figure 5S.** $^1$HNMR spectrum of Compound 1
Figure 6S. $^1$HNMR spectrum of Compound 2

Figure 7S. $^1$HNMR spectrum of Compound 3