1. Supporting Data of compound 2a

![Figure S1: IR spectrum of 2a.](image1)

![Figure S2: Mass spectrum of 2a.](image2)
Figure S3: $^1$H NMR spectrum of 2a.

Figure S4: $^{13}$C NMR spectrum of 2a.
2. Supporting Data of compound 2b

Figure S5: IR spectrum of 2b.

Figure S6: Mass spectrum of 2b.
Figure S7: $^1$H NMR spectrum of 2b.

Figure S8: $^{13}$C NMR spectrum of 2b.
3. Supporting Data of 2c.

Figure S9: IR spectrum of 2c.

Figure S10: Mass spectrum of 2c.
Figure S11: $^1$H NMR spectrum of 2c.

Figure S12: $^{13}$C NMR spectrum of 2c.