

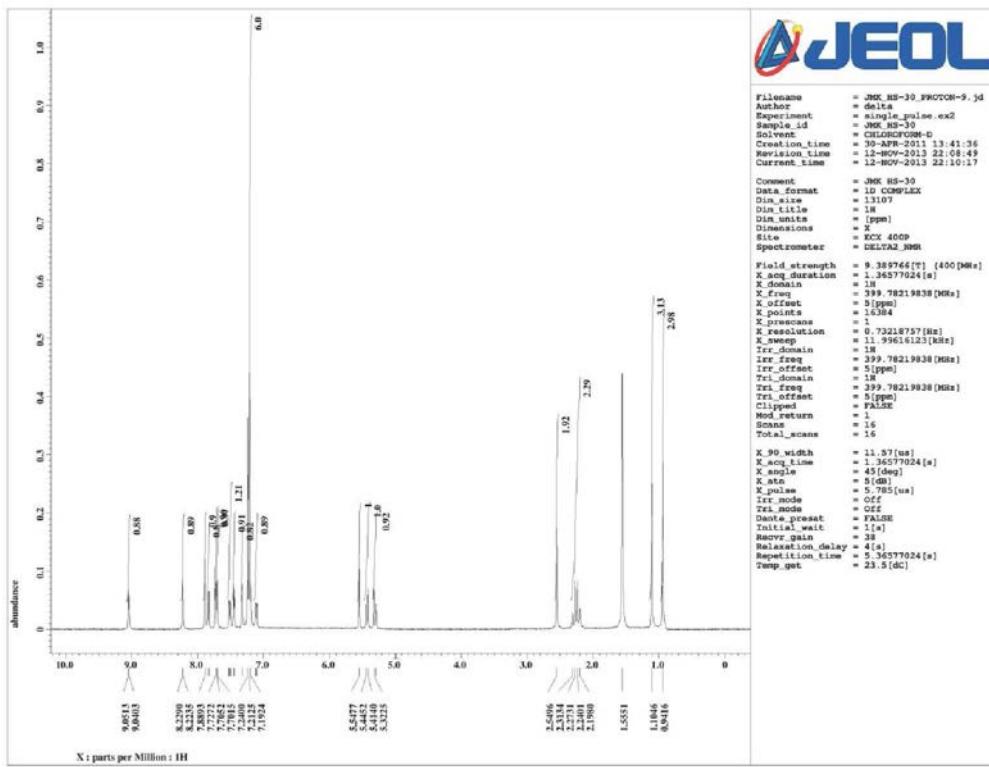
# Supplementary Information

## Efficient One Pot Synthesis of Xanthene-Triazole-Quinoline/Phenyl Conjugates and Evaluation of their Antimicrobial Activity

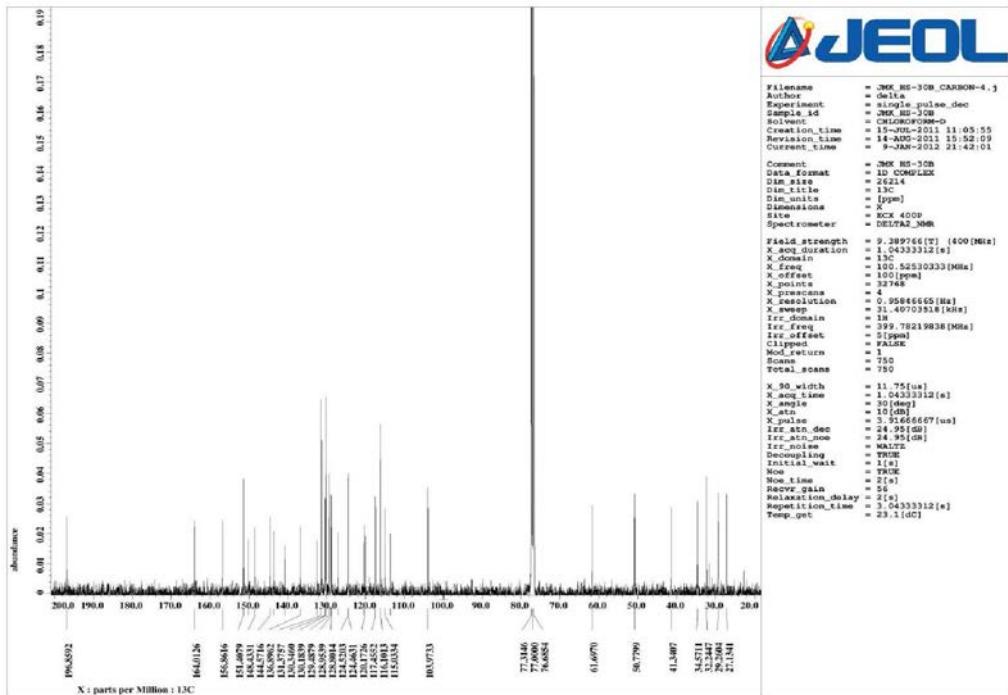
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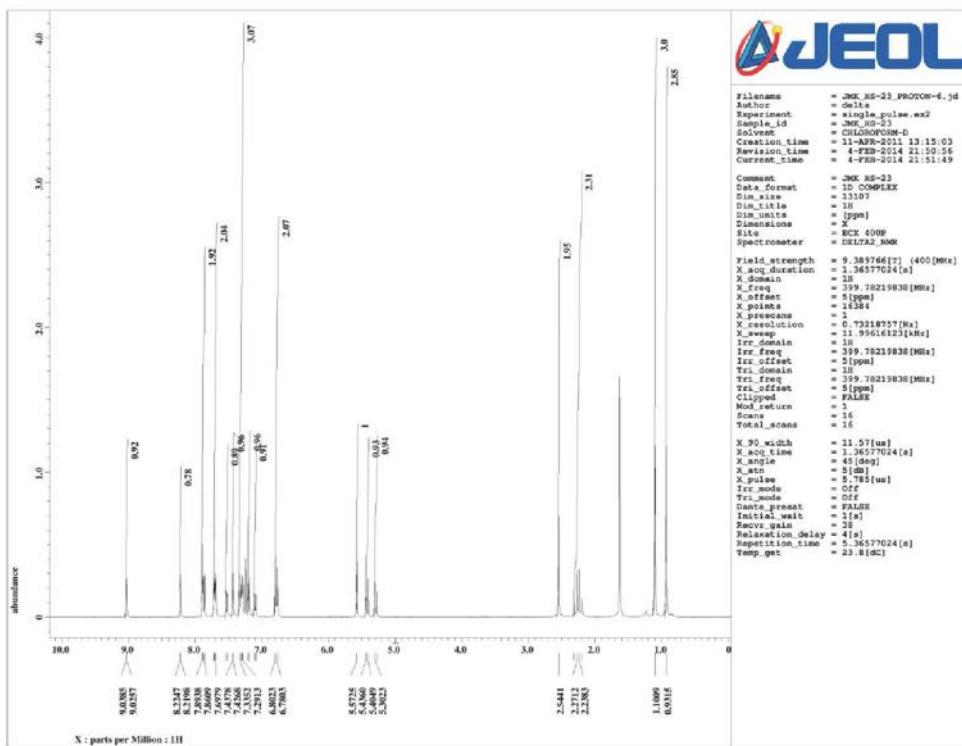
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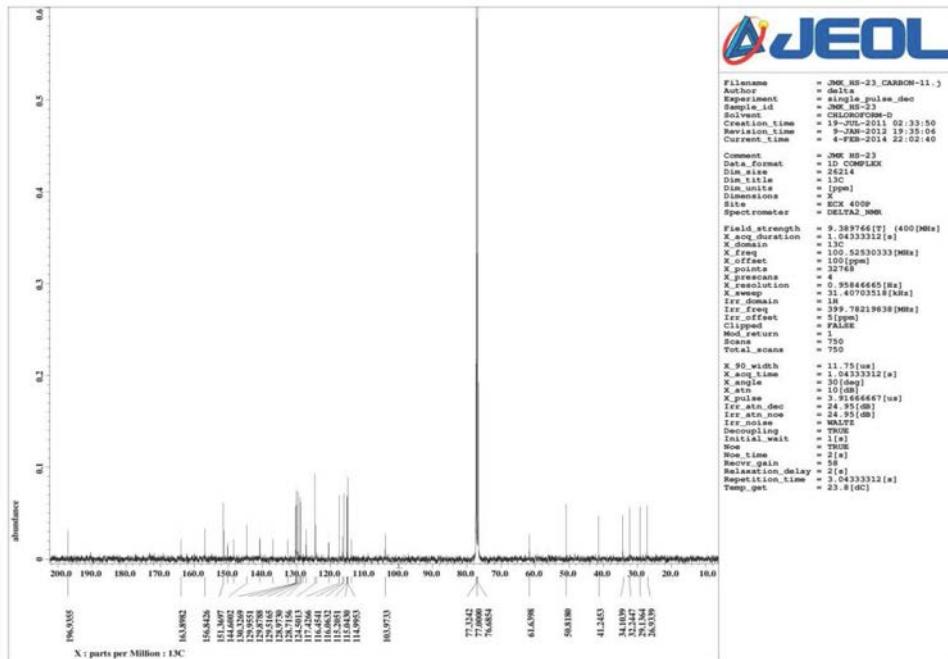
**Figure S1.** <sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 400 MHz) of **1a**.



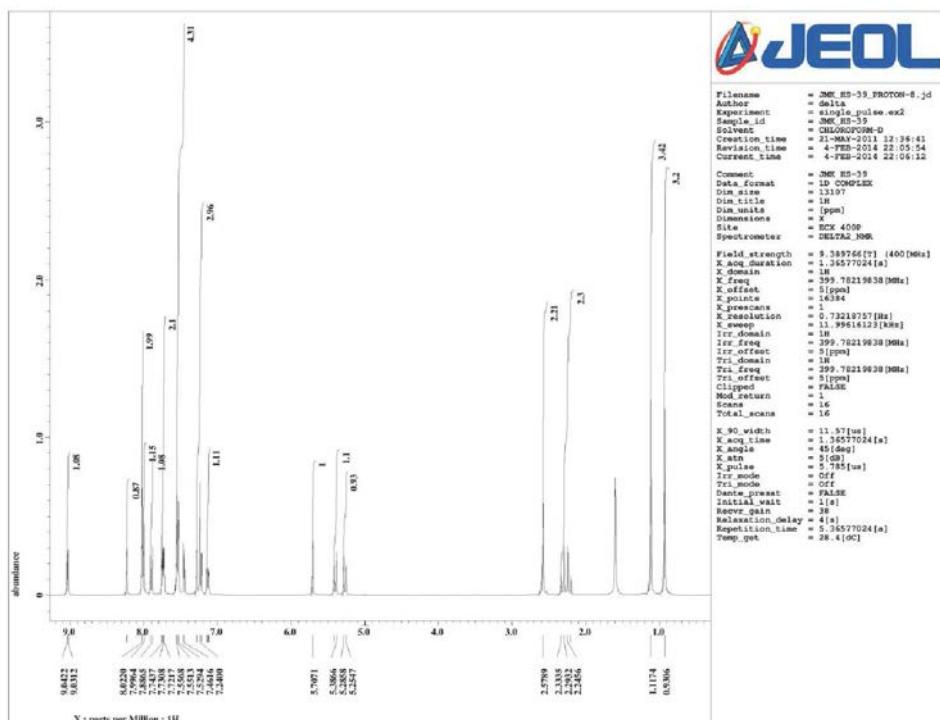
**Figure S2.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1a**.



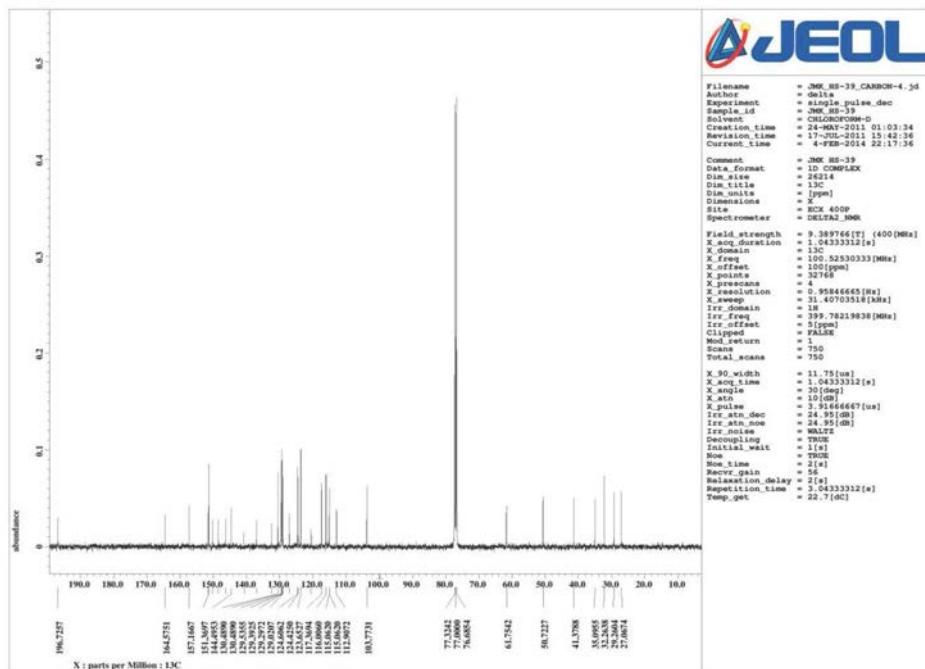
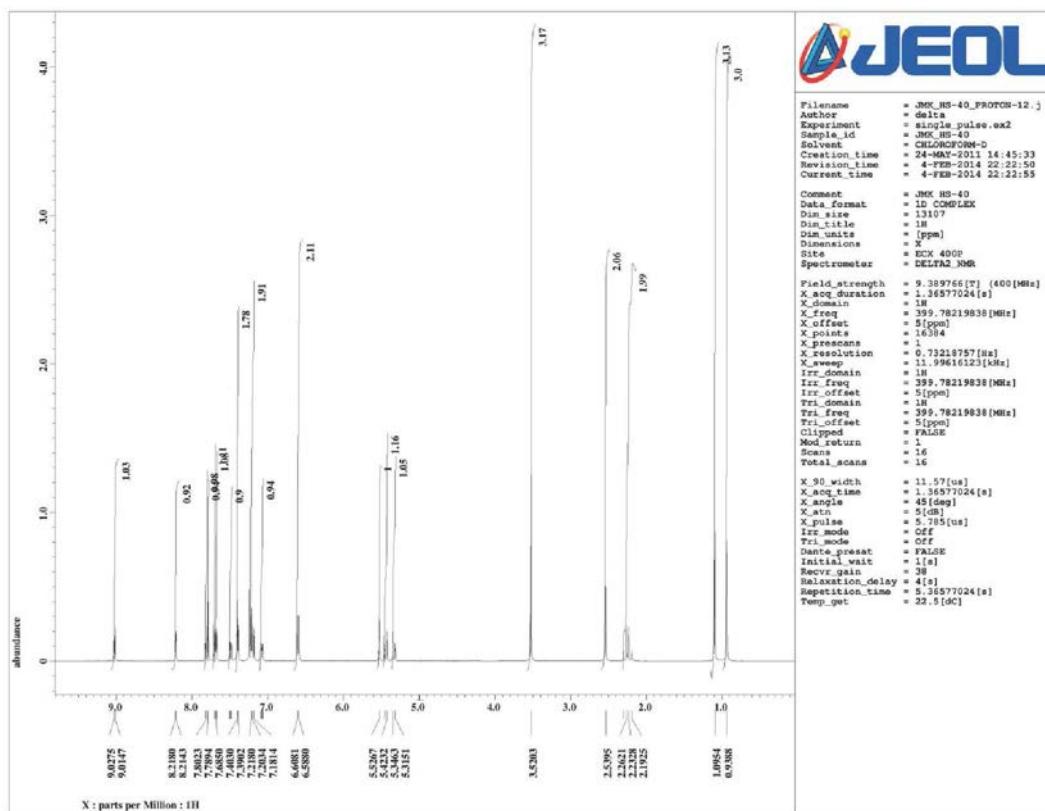
**Figure S3.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1b**.

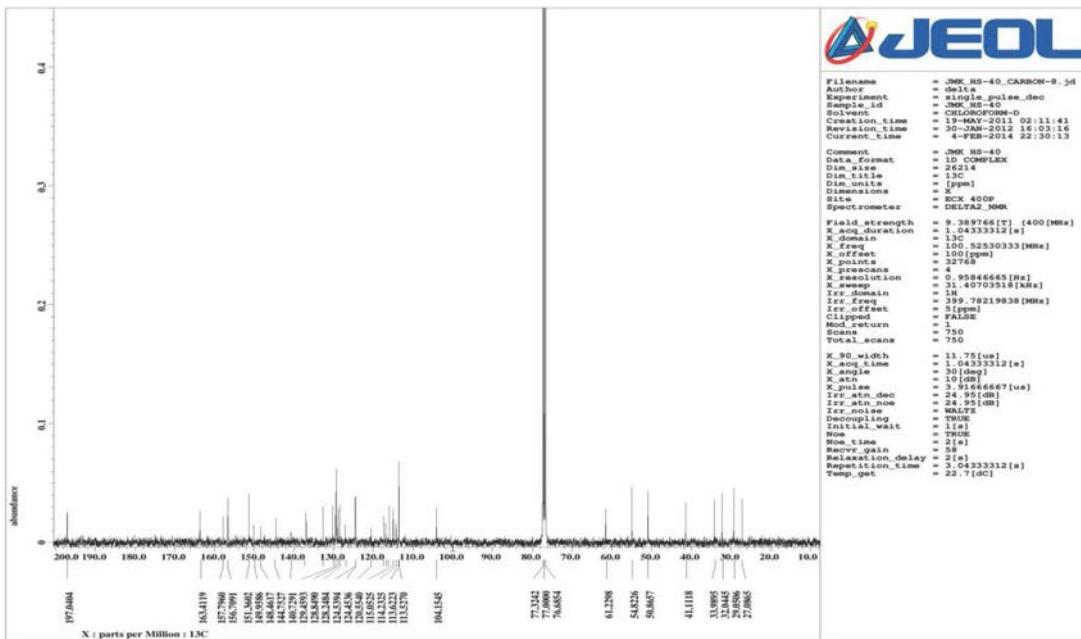
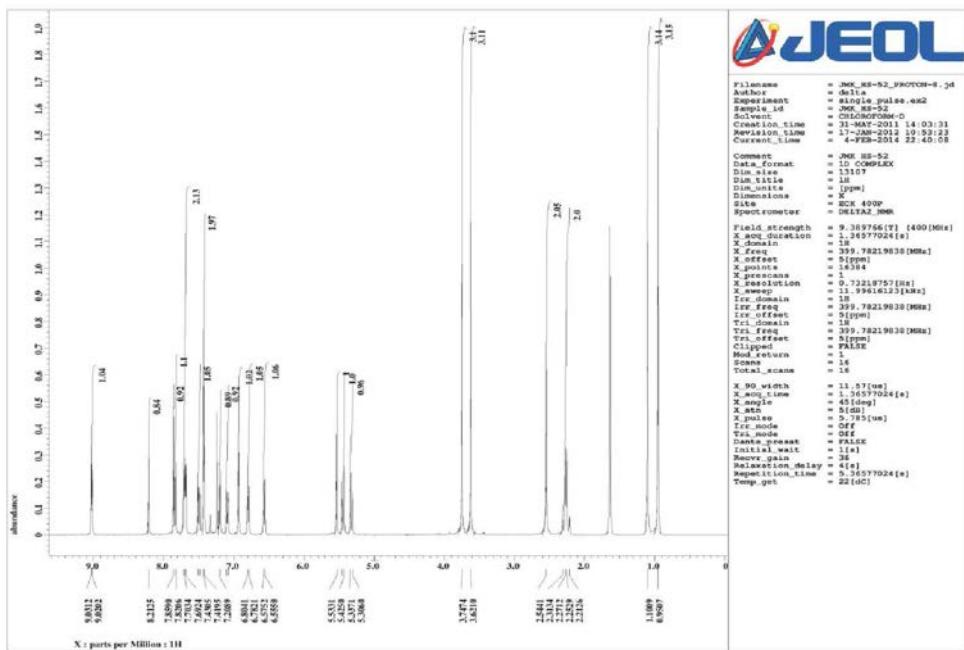


**Figure S4.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1b**.



**Figure S5.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1c**.

Figure S6.  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1c**.Figure S7.  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1d**.

**Figure S8.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1d**.**Figure S9.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1e**.

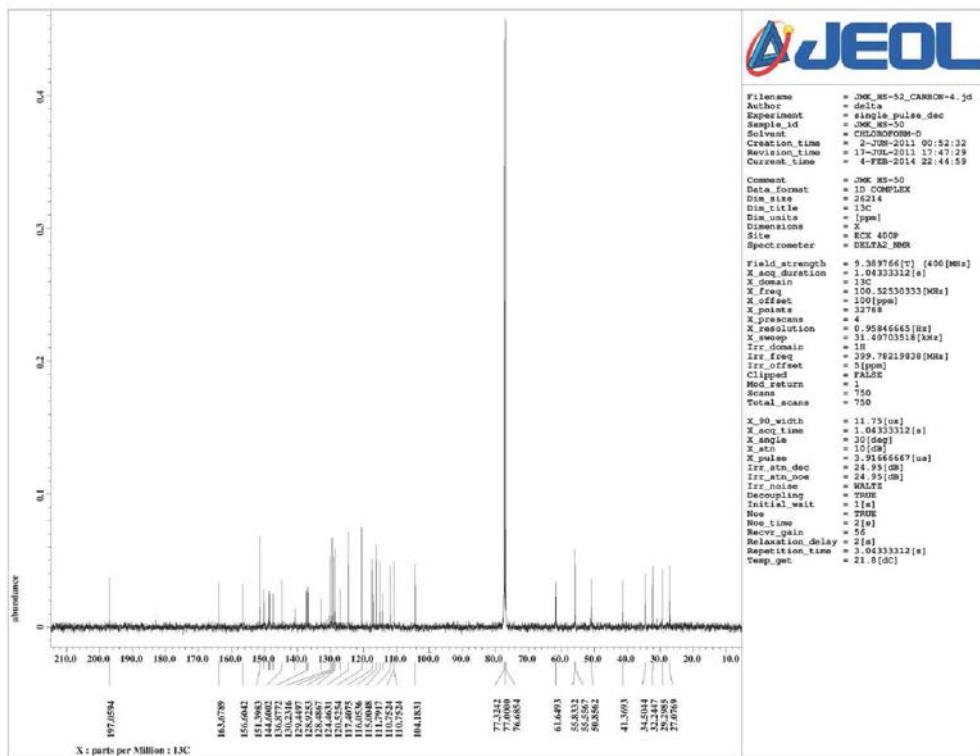


Figure S10.  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1e**.

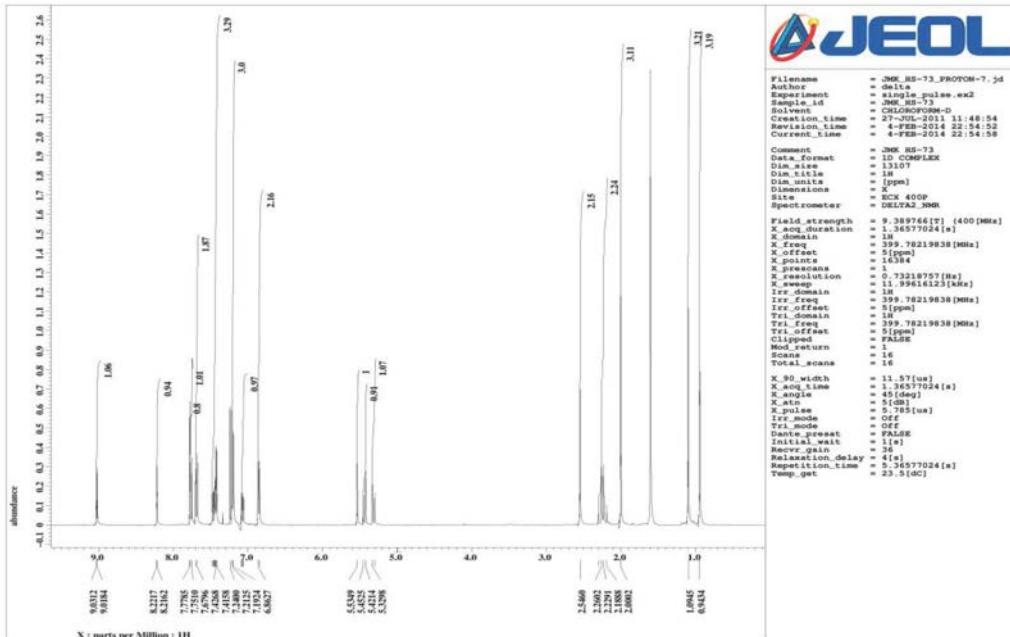
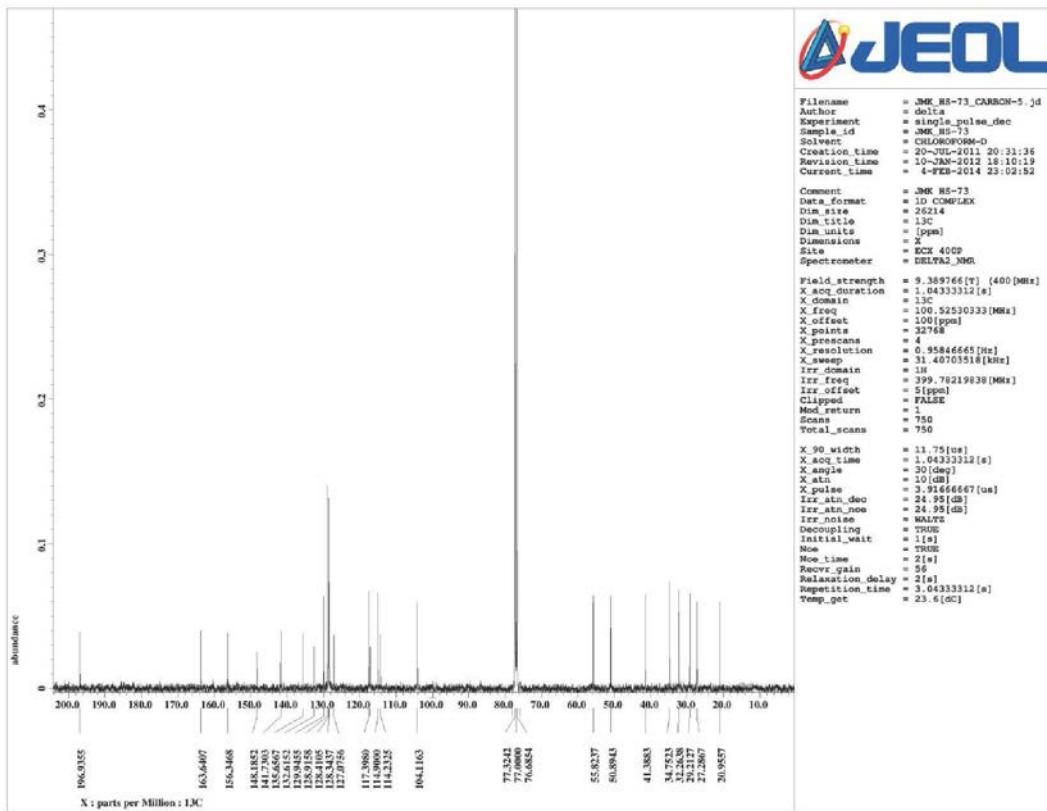
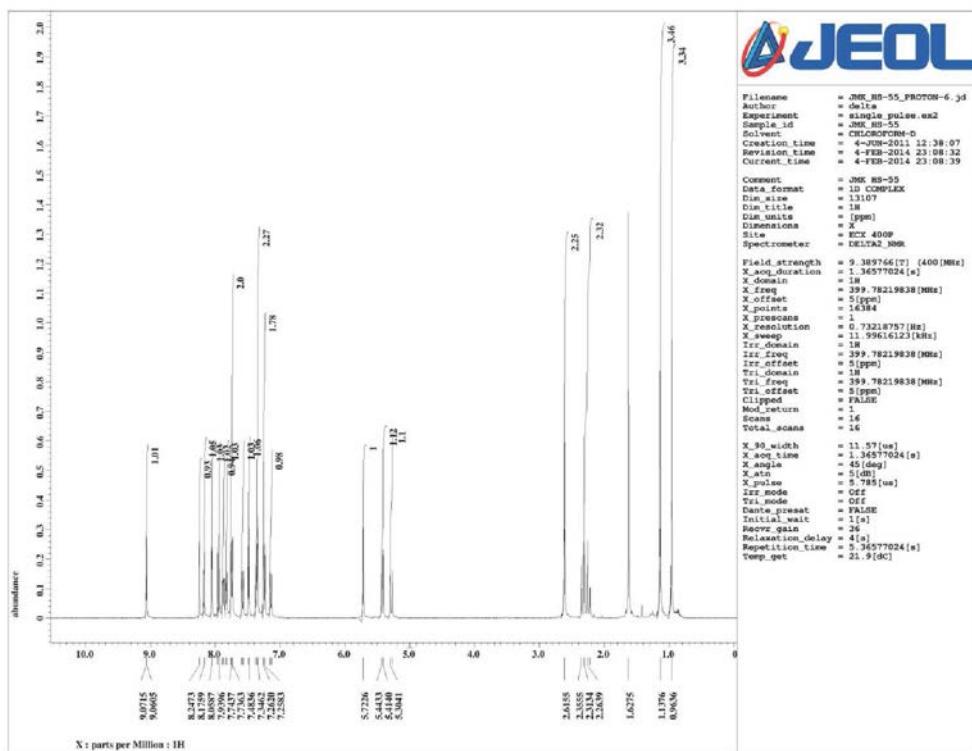


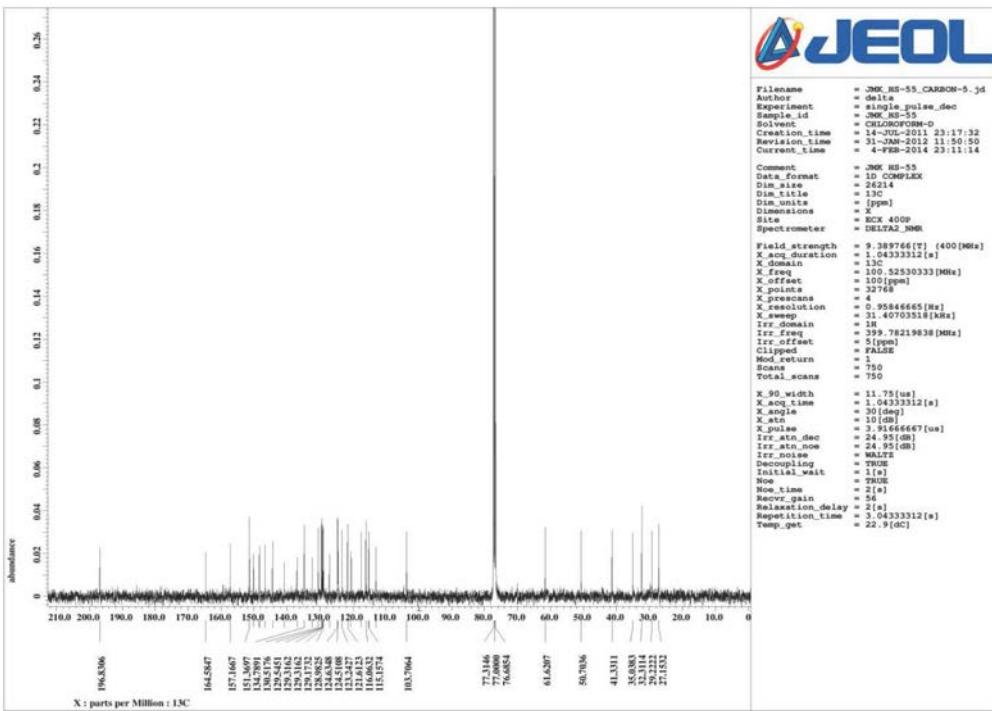
Figure S11.  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1f**.



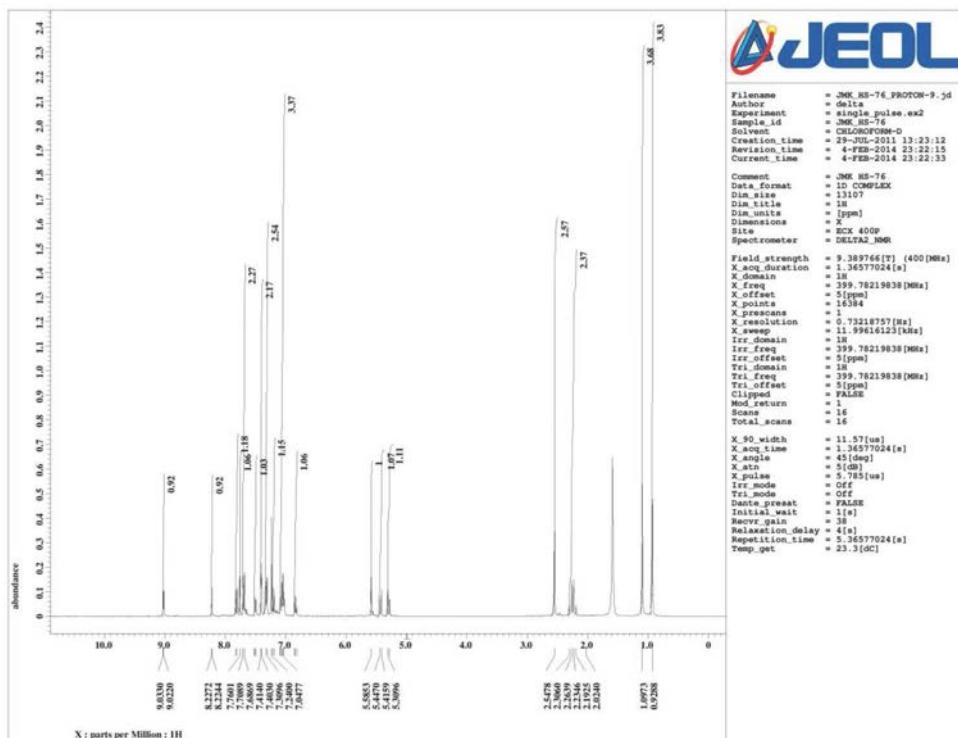
**Figure S12.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1f**.



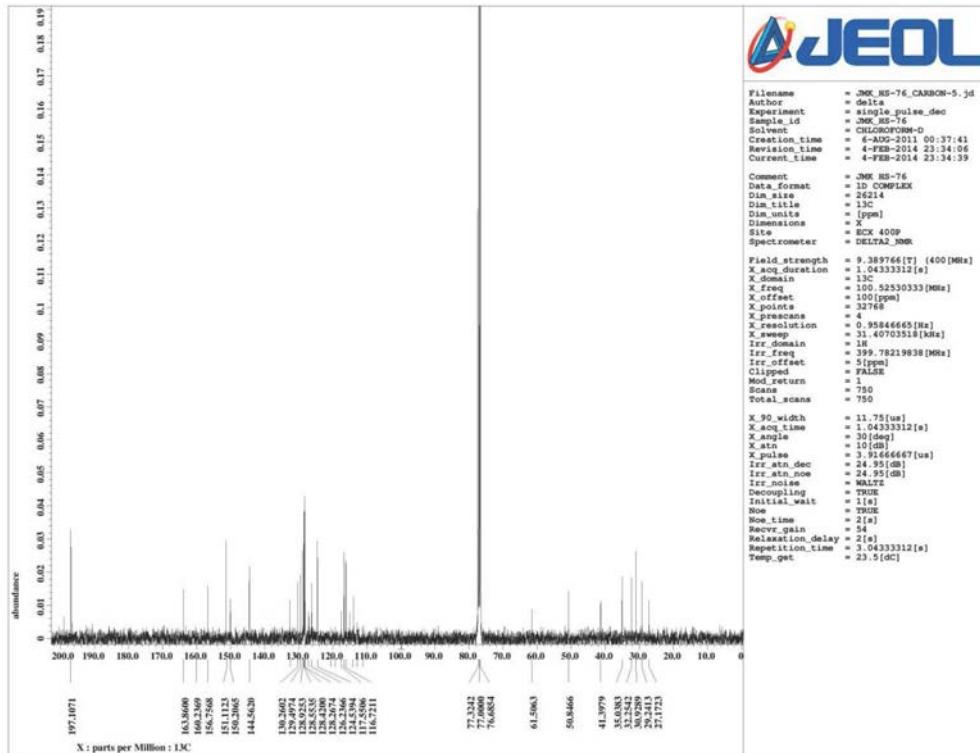
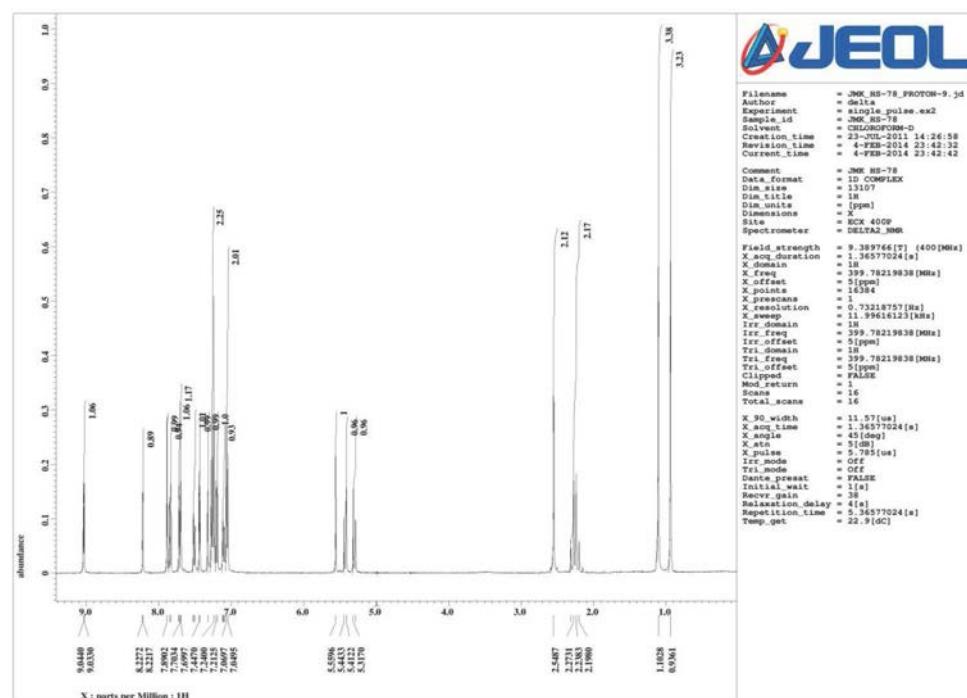
**Figure S13.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1g**.

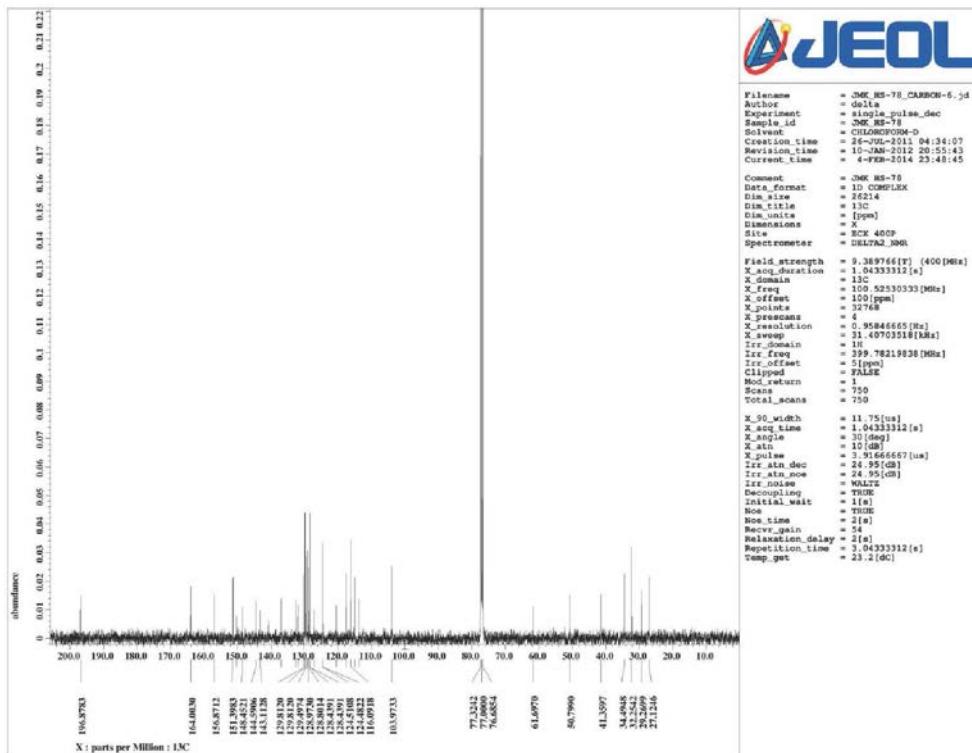


**Figure S14.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1g**.

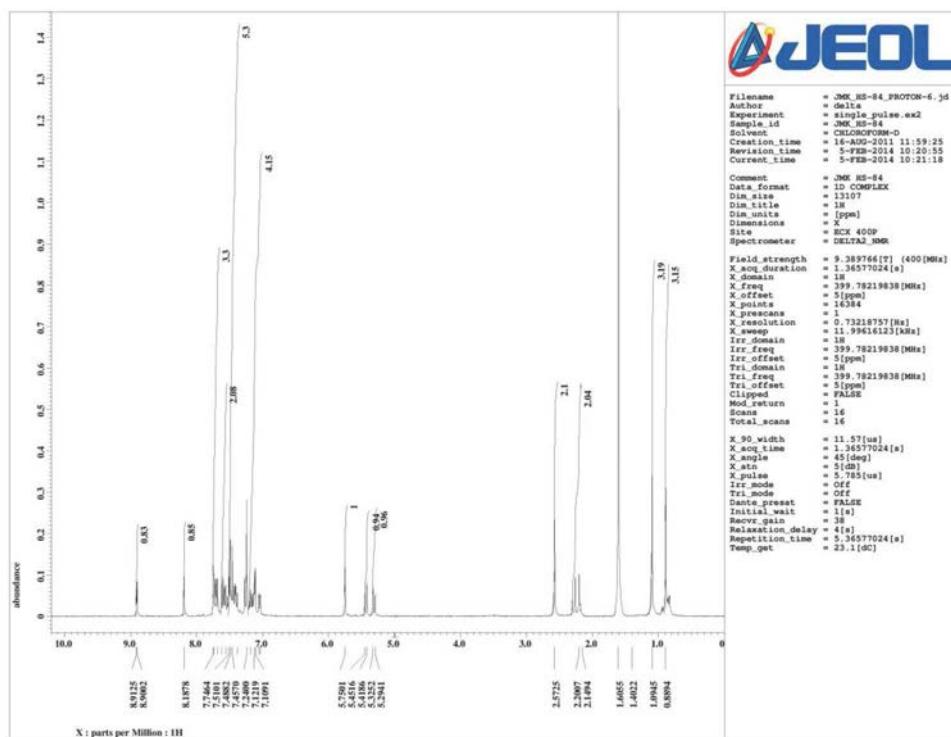


**Figure S15.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1h**.

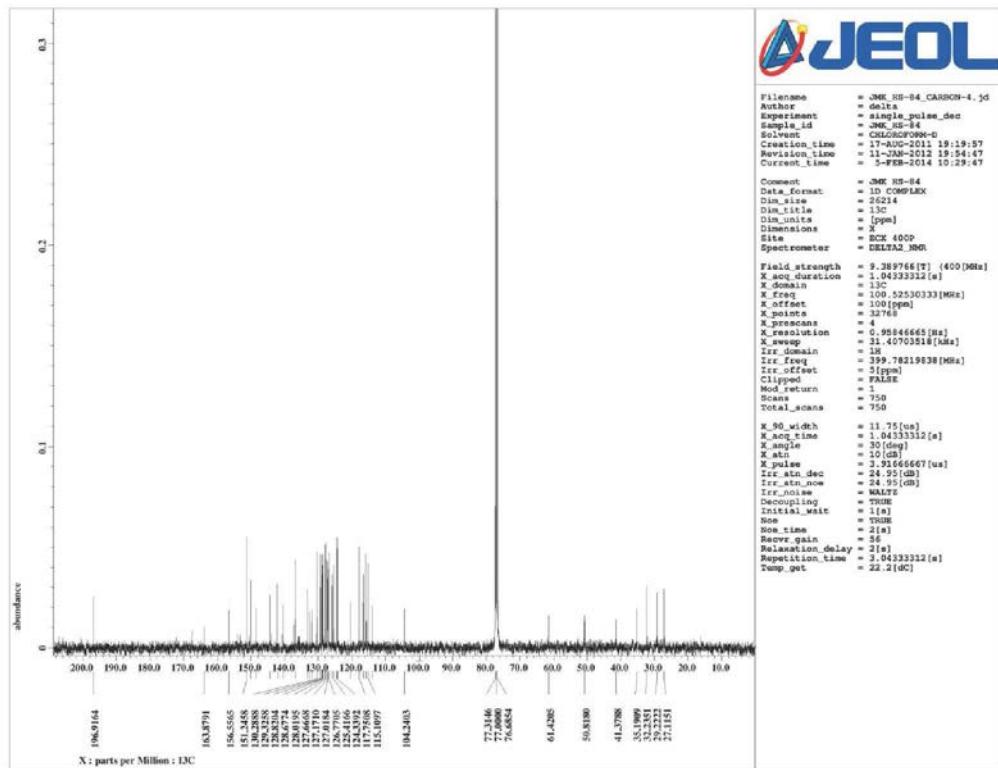
**Figure S16.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1h**.**Figure S17.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1i**.



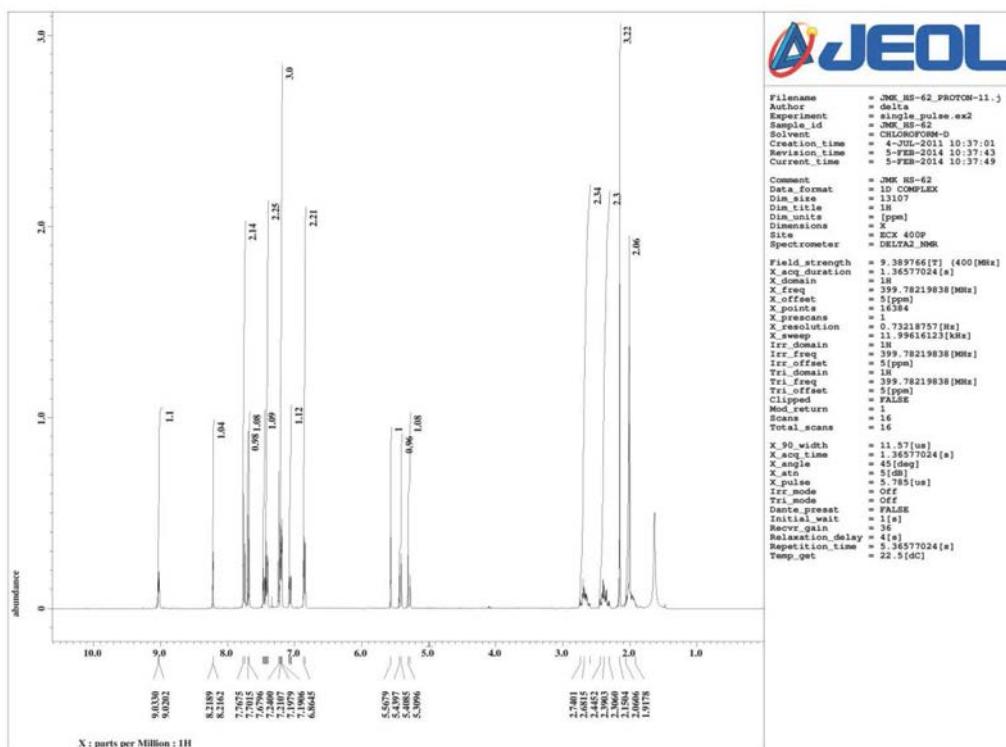
**Figure S18.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1i**.



**Figure S19.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1j**.



**Figure S20.** <sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 100 MHz) of **1j**.



**Figure S21.** <sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 400 MHz) of **1k**.

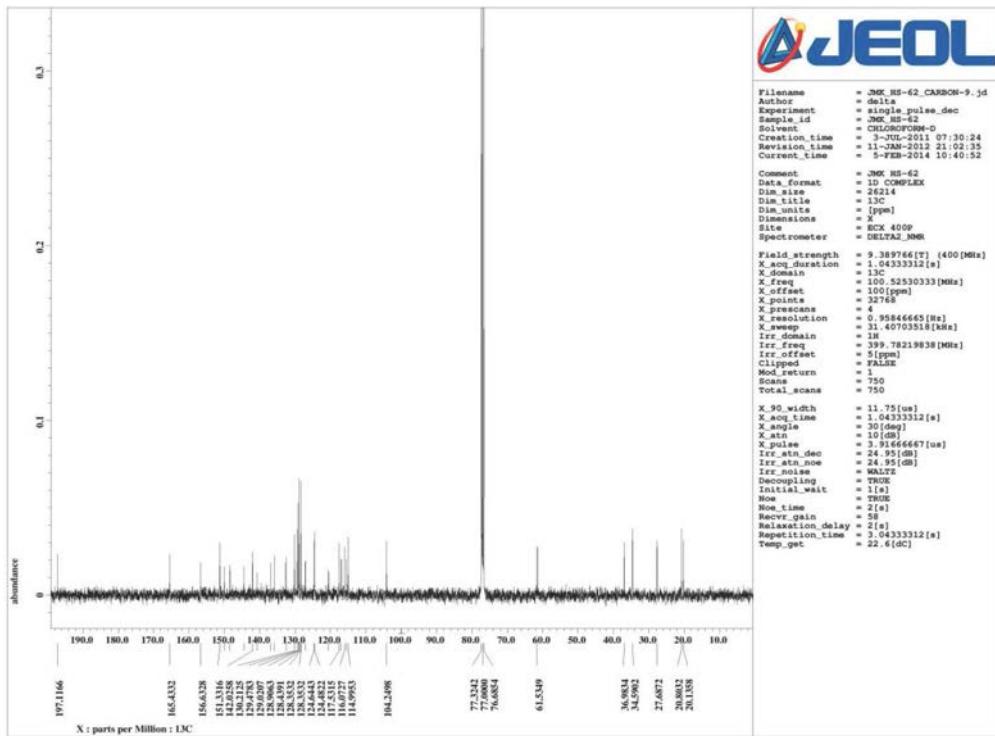


Figure S22.  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1k**.

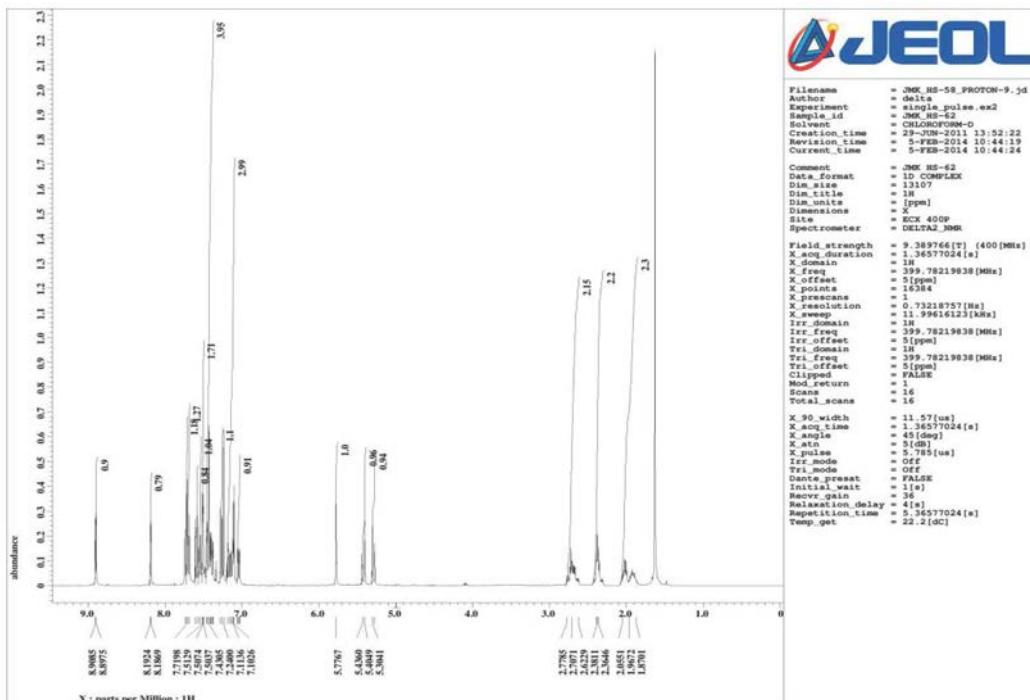
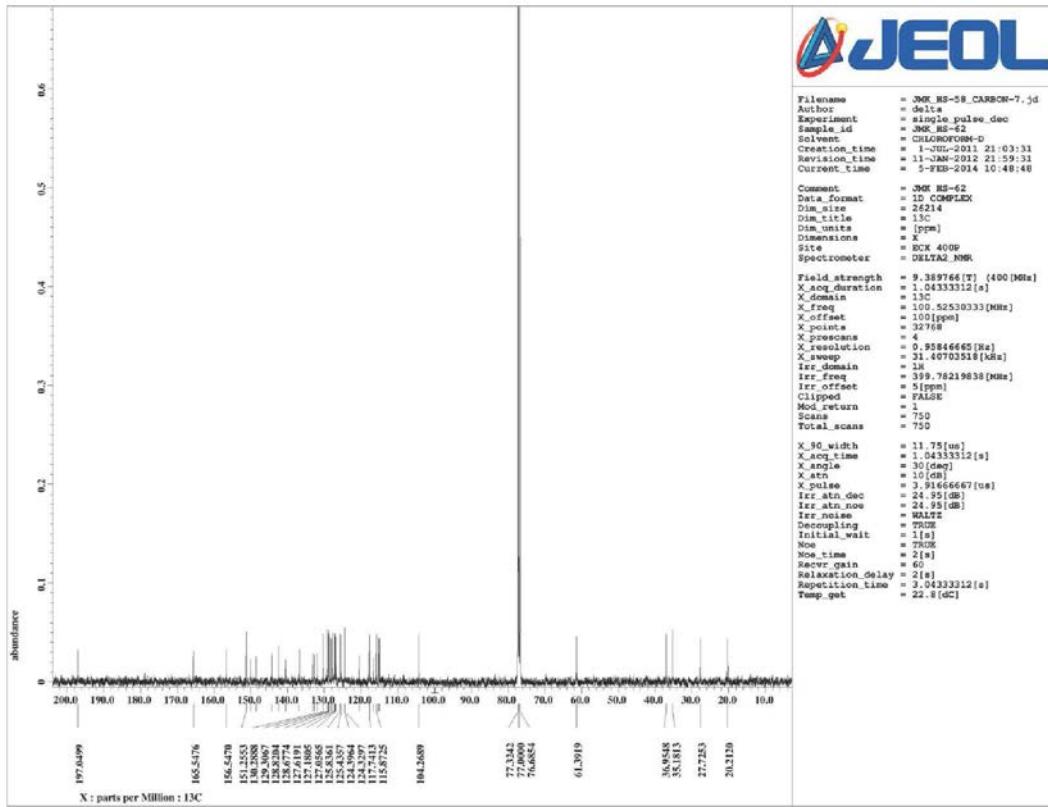
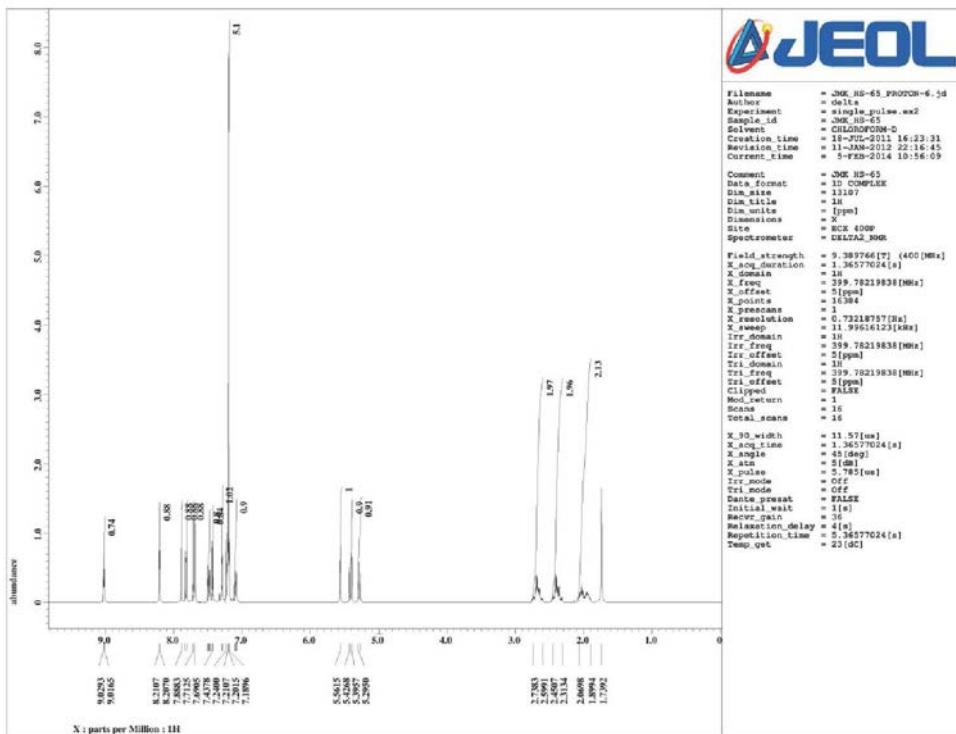


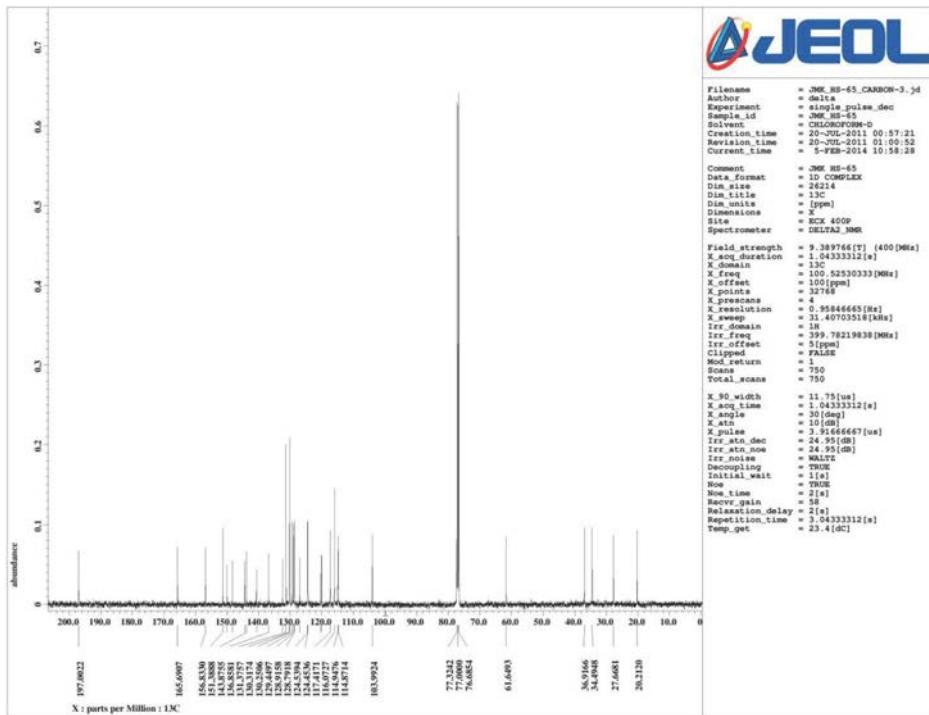
Figure S23.  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1l**.



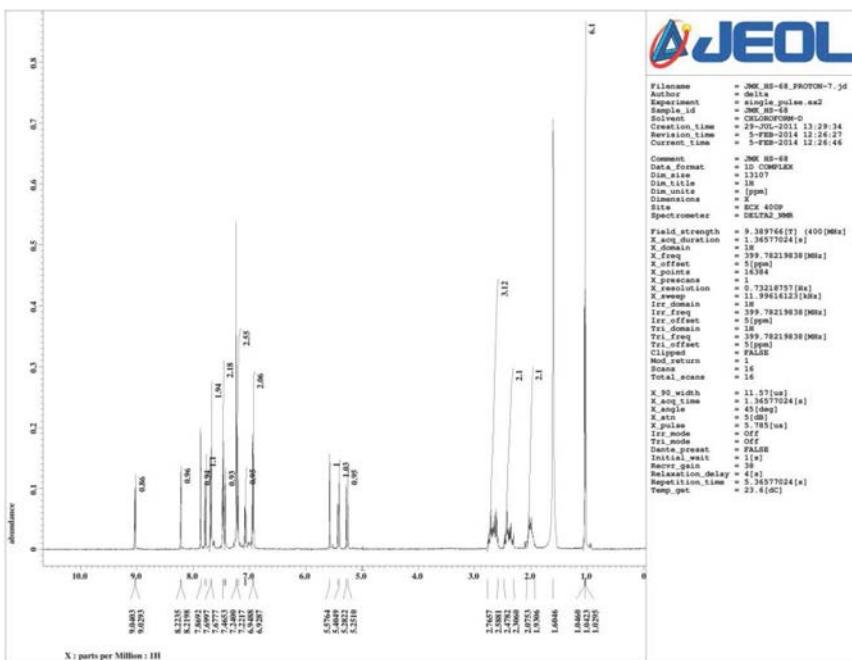
**Figure S24.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1l**.



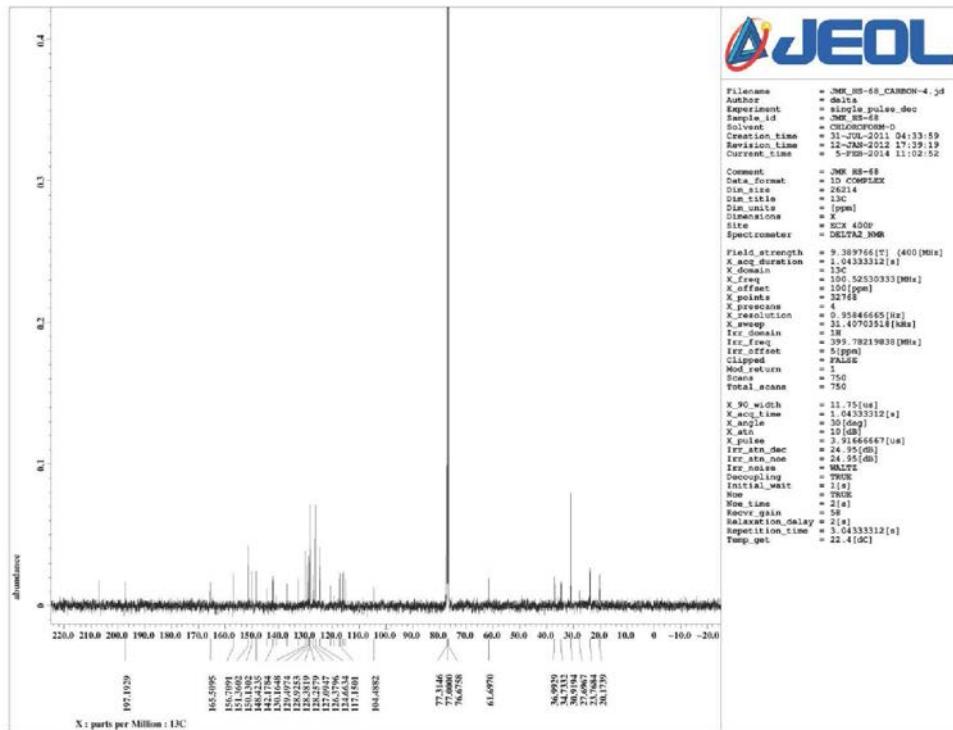
**Figure S25.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1m**.

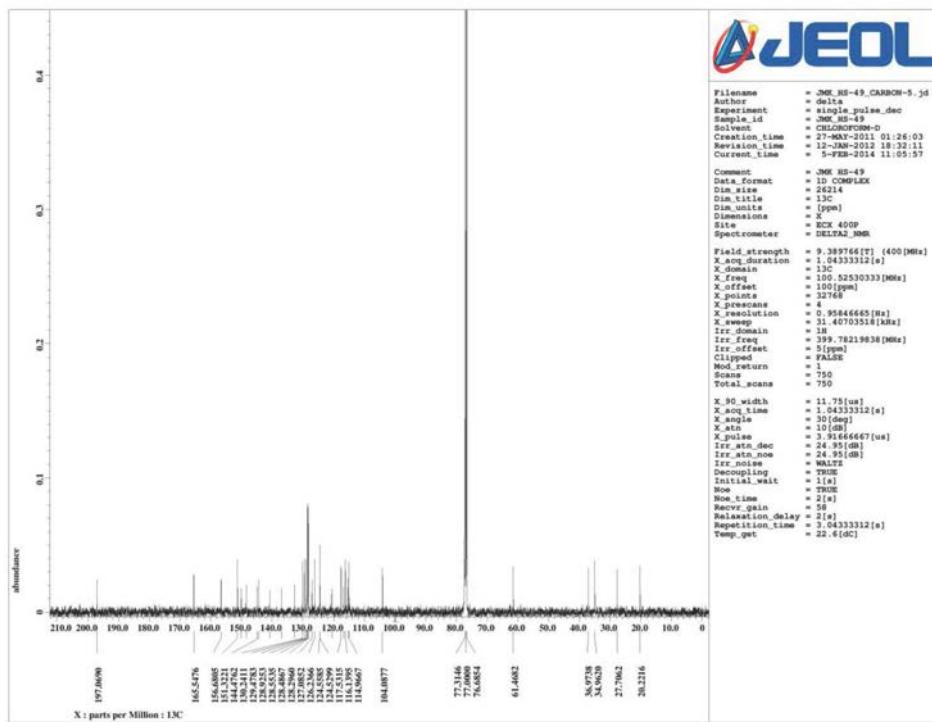
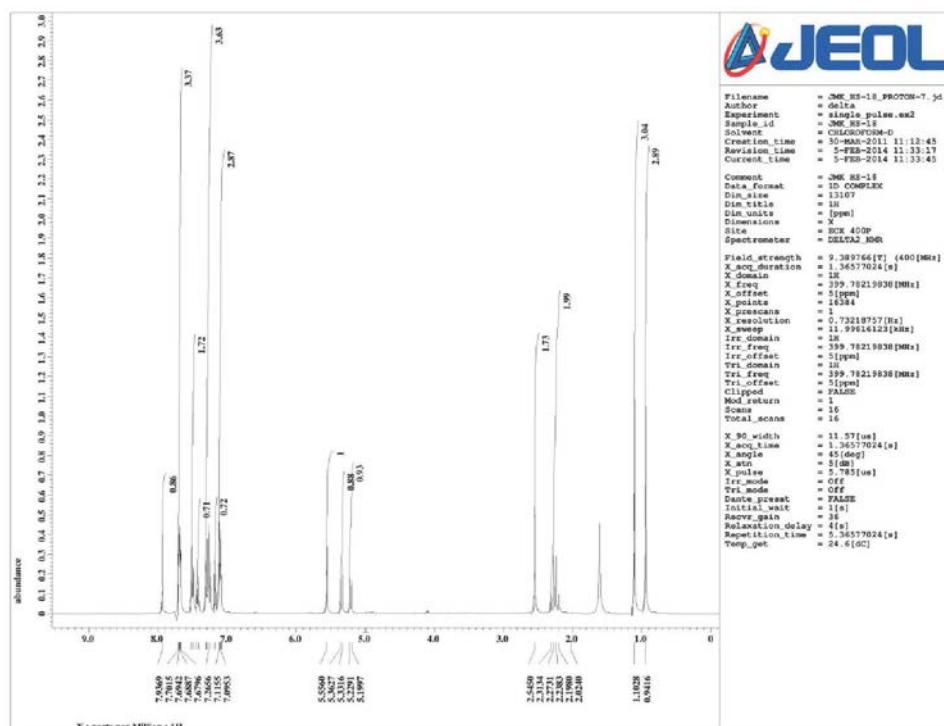


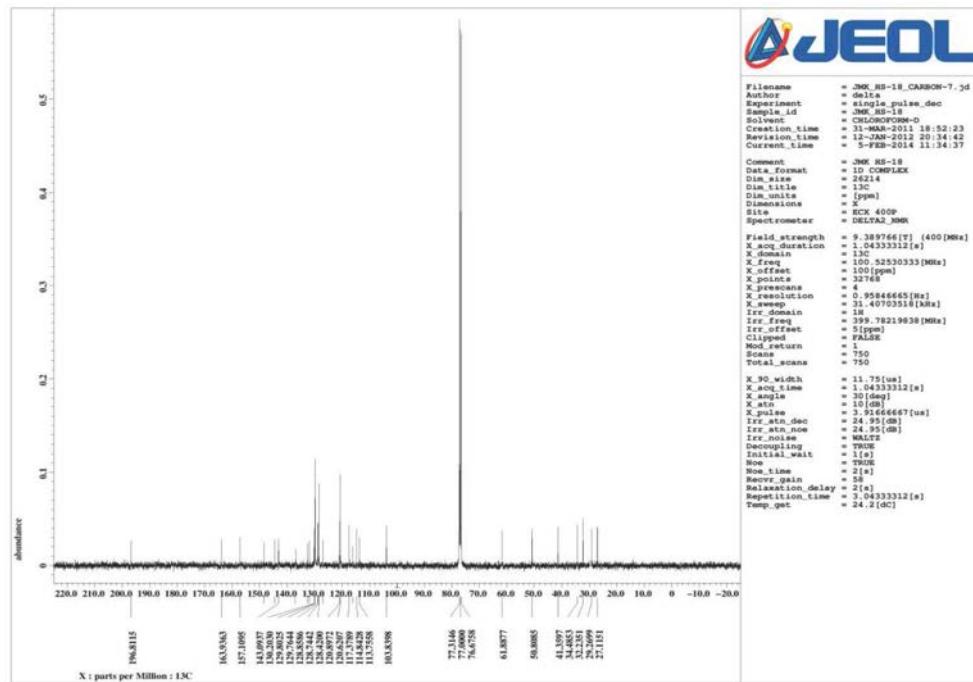
**Figure S26.**  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1m**.



**Figure S27.**  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1n**.



Figure S30.  $^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 100 MHz) of **1o**.Figure S31.  $^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 400 MHz) of **1p**.



**Figure S32.** <sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 100 MHz) of **1p**.