

Supplementary Information

Synthesis of siRNAs incorporated with cationic peptides R8G7 and R8A7 and the effect of the modifications on siRNA properties

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Fig. S1. UV melting profiles of siRNA 1-5.

^1H and ^{13}C NMR spectra of compounds **2**, **3**, **5**, **6**, **8-13**, and ^{31}P NMR spectra of compounds **13**.

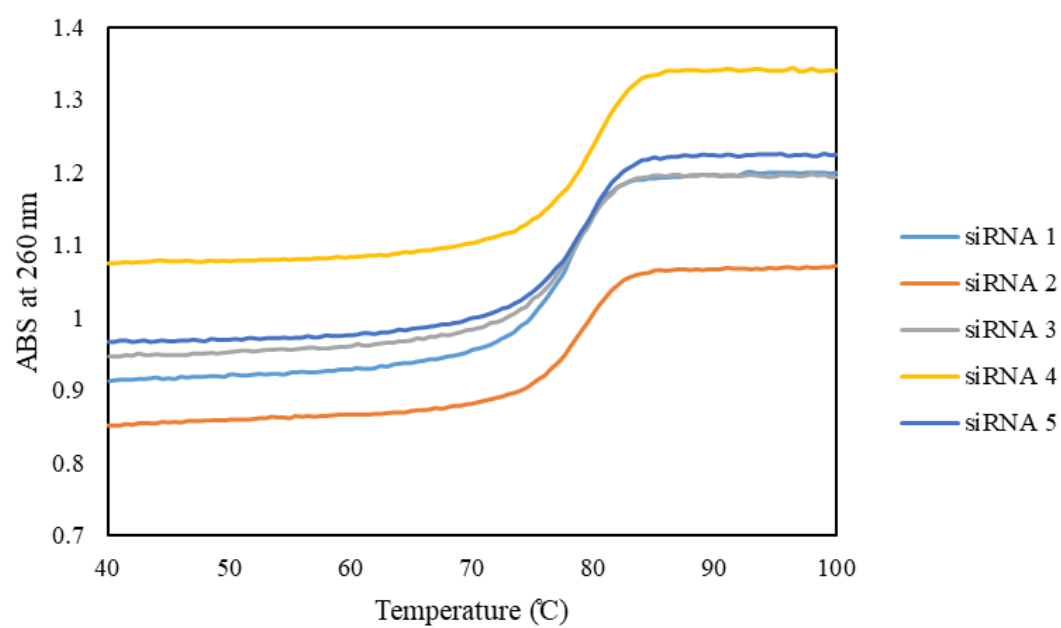
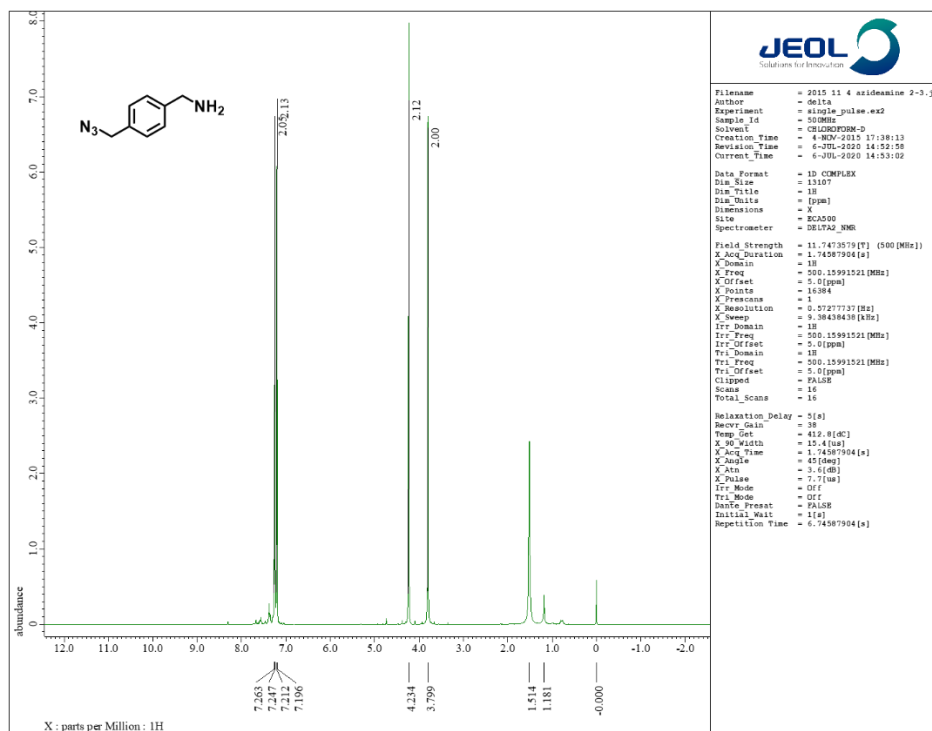
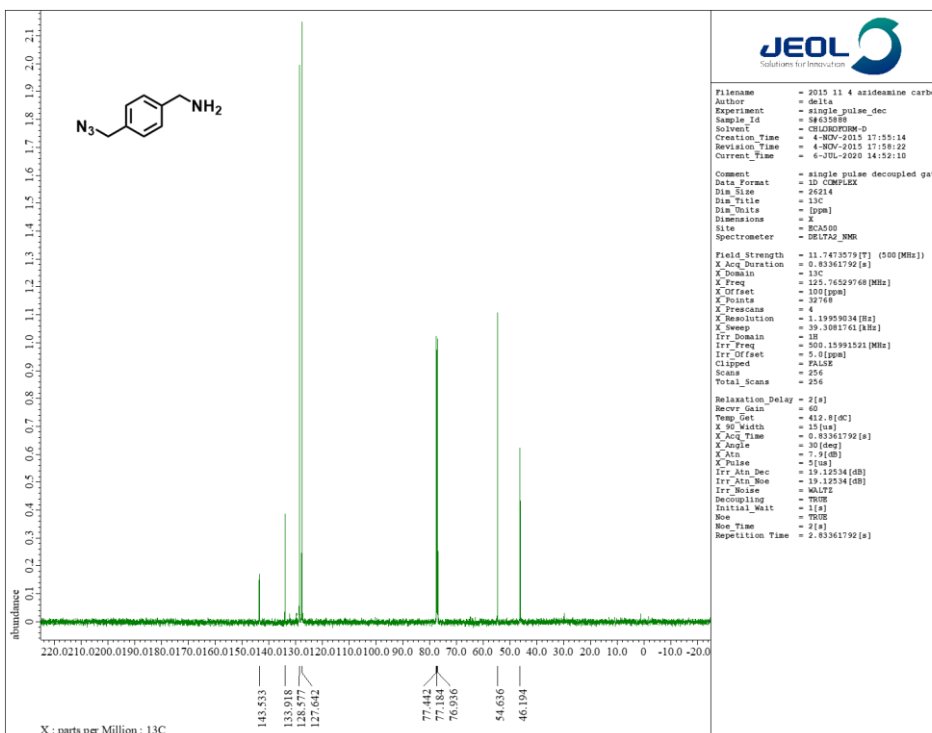


Fig S1. UV melting profiles of siRNA 1-5.

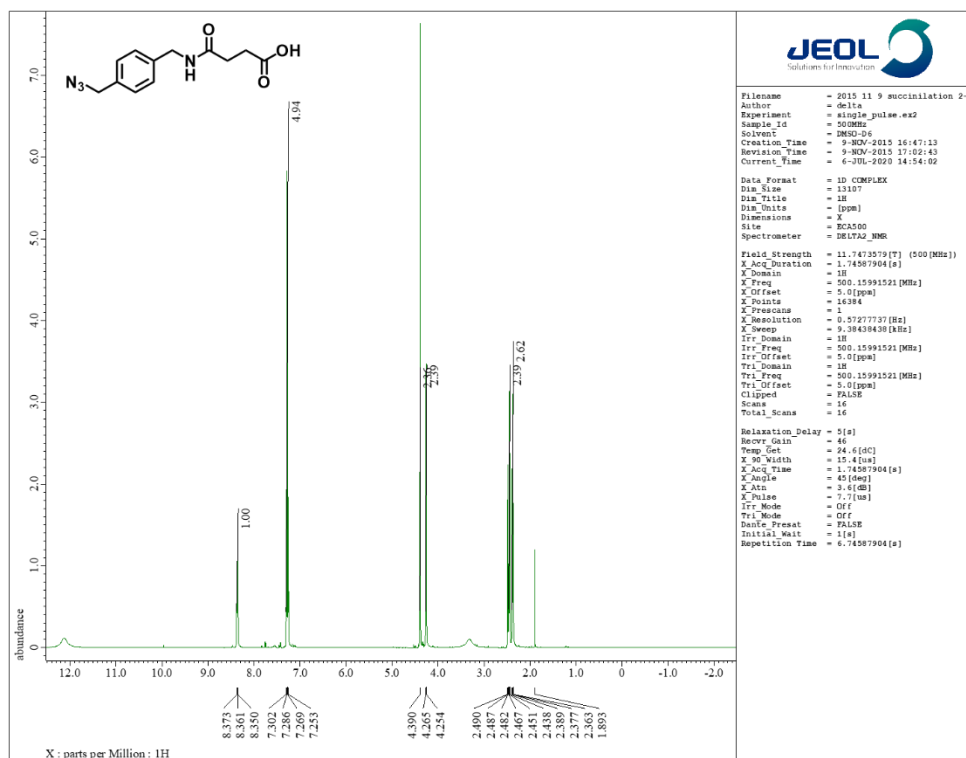
¹H NMR spectrum of compound 2



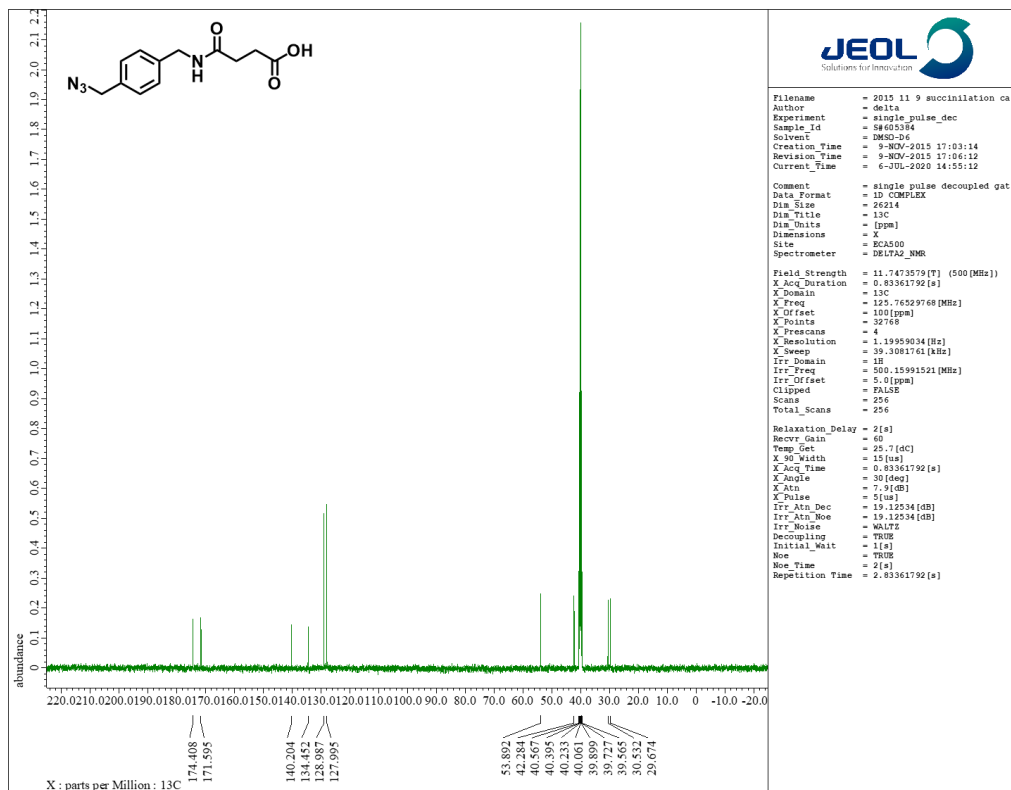
¹³C NMR spectrum of compound 2



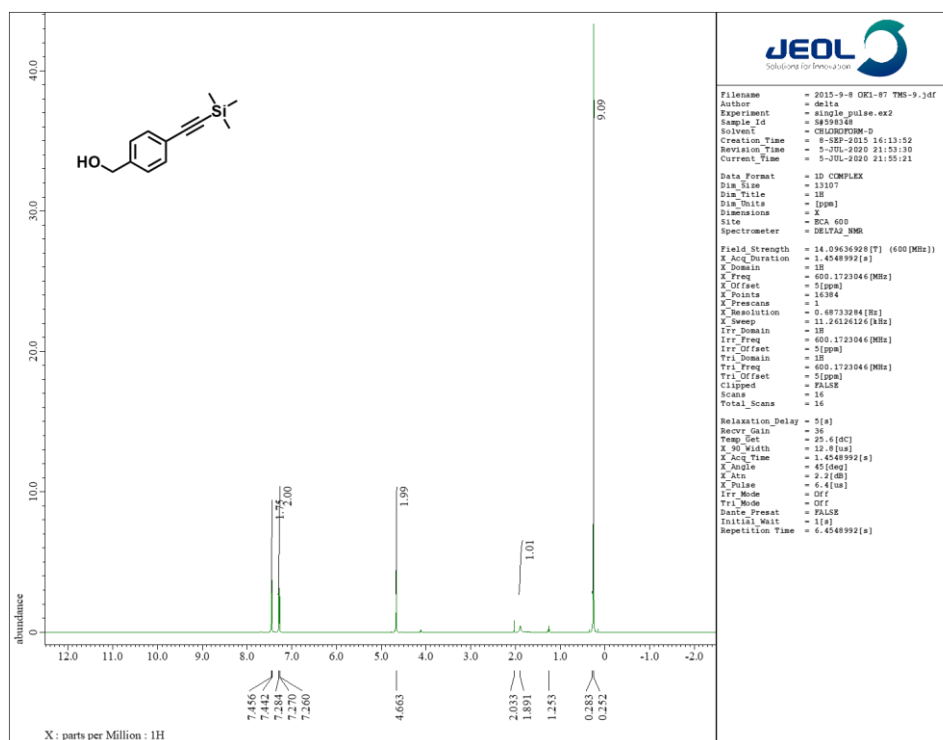
¹H NMR spectrum of compound 3



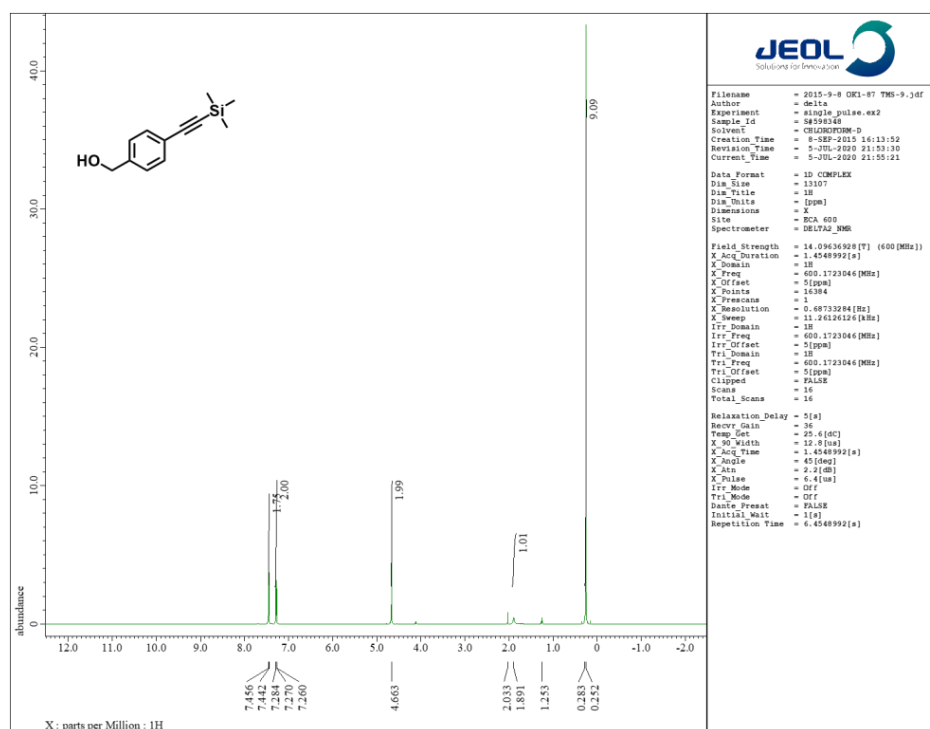
¹³C NMR spectrum of compound 3



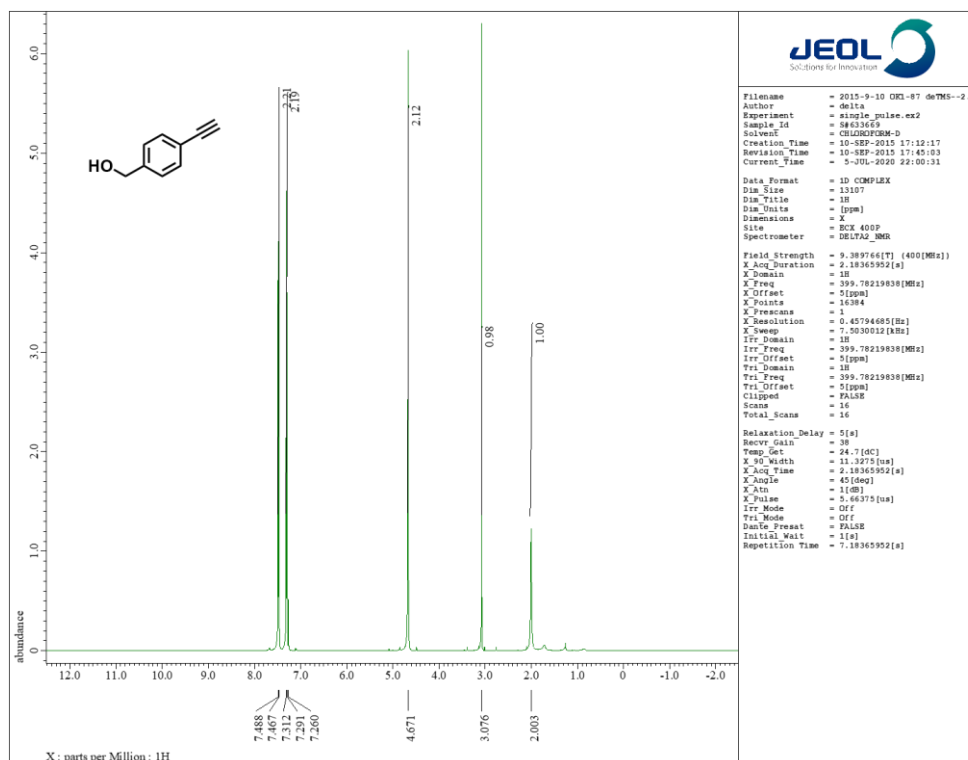
¹H NMR spectrum of compound **5**



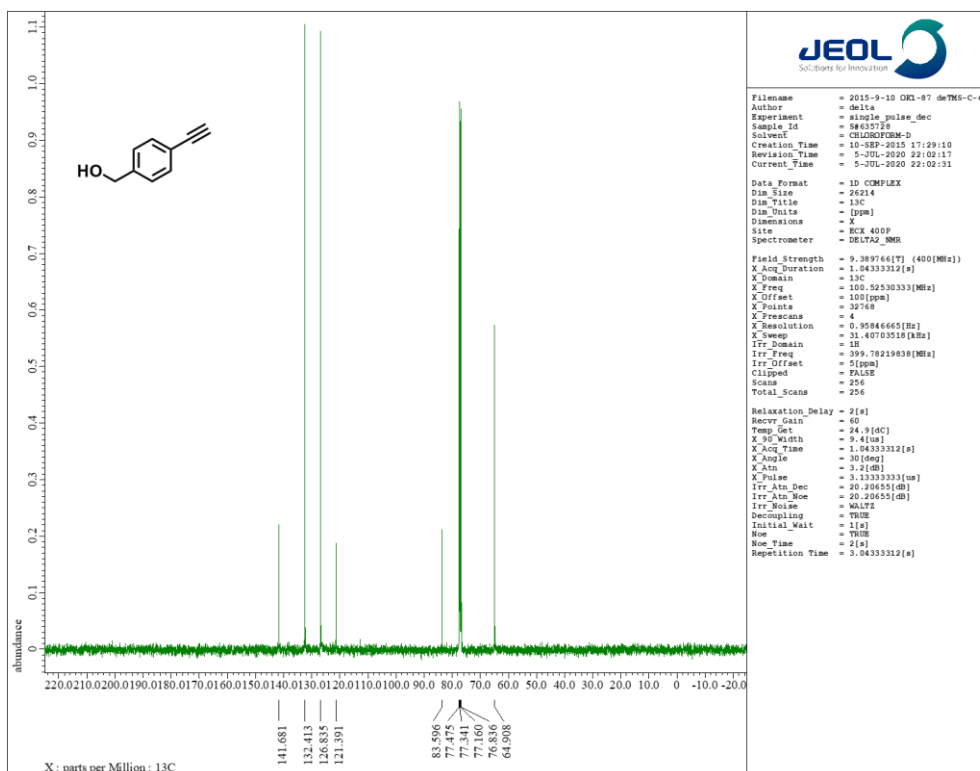
¹³C NMR spectrum of compound **5**



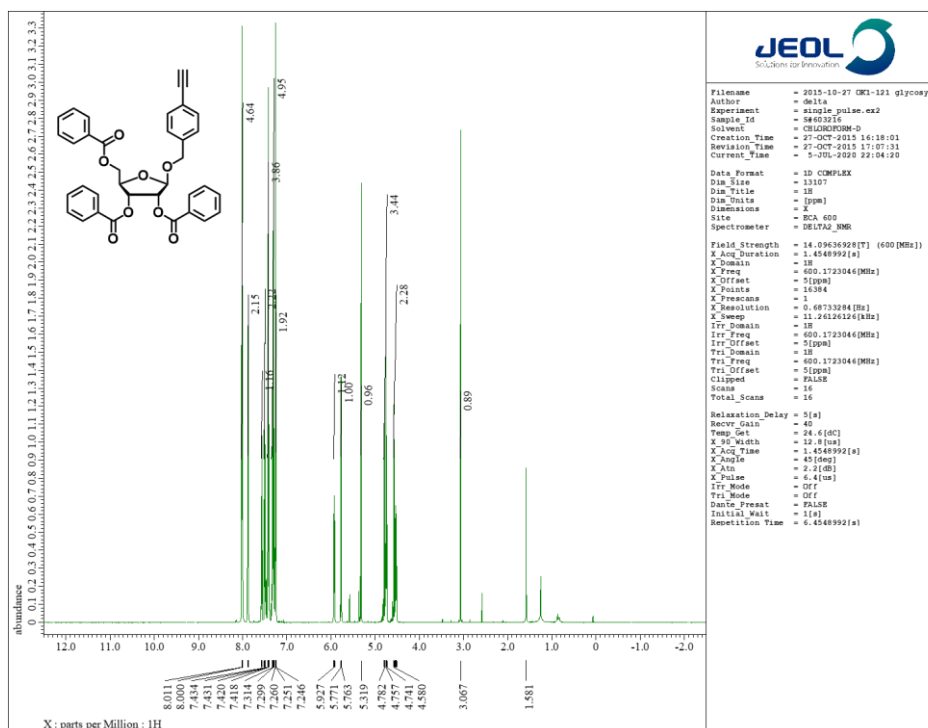
¹H NMR spectrum of compound 6



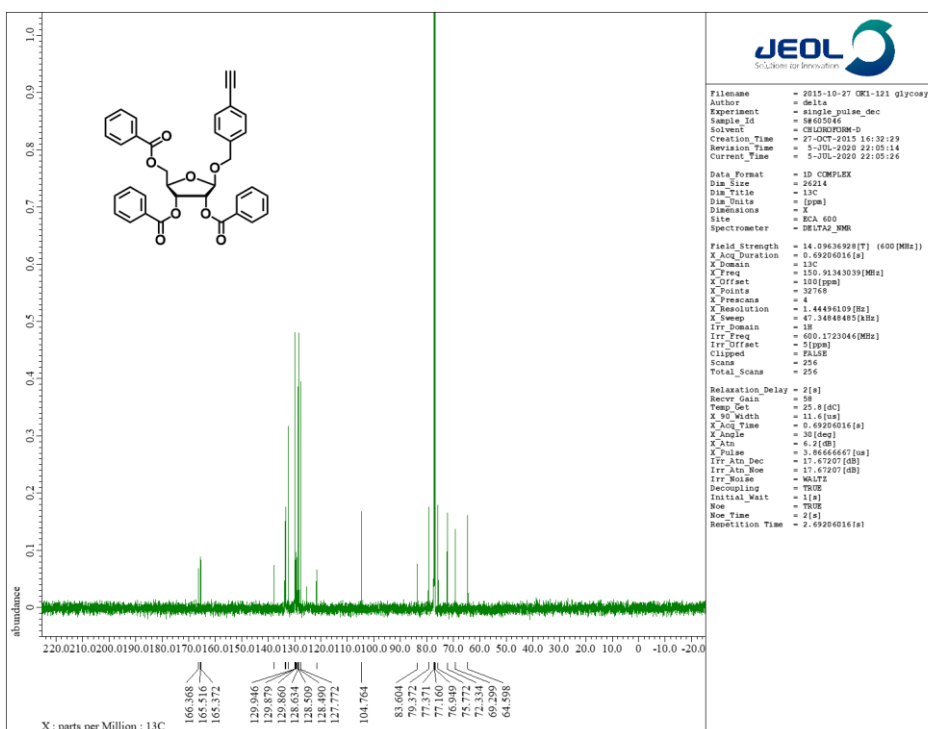
¹³C NMR spectrum of compound 6



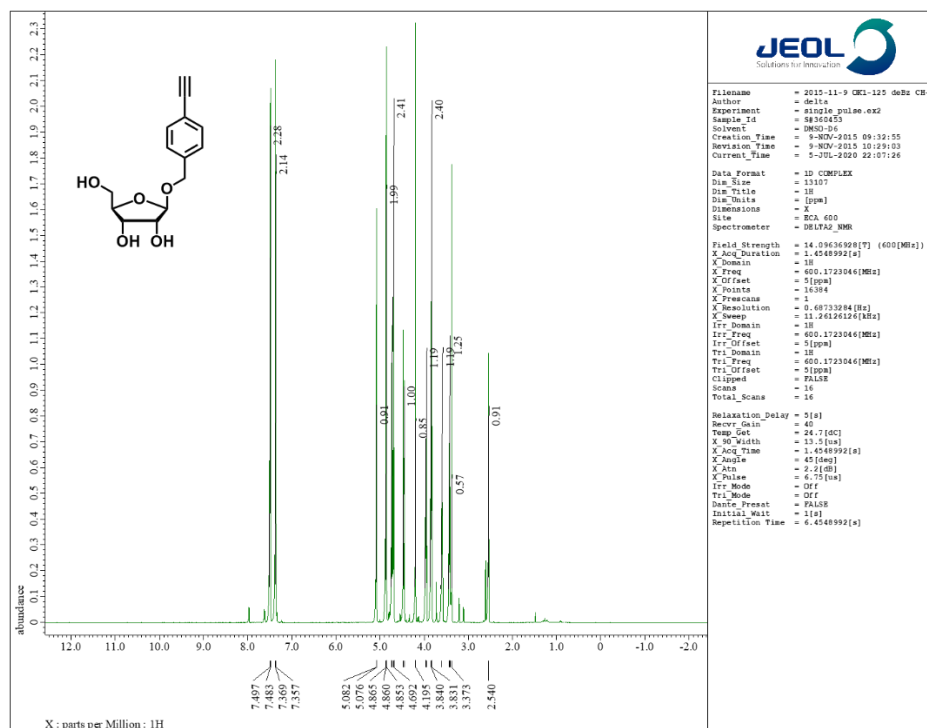
¹H NMR spectrum of compound 8



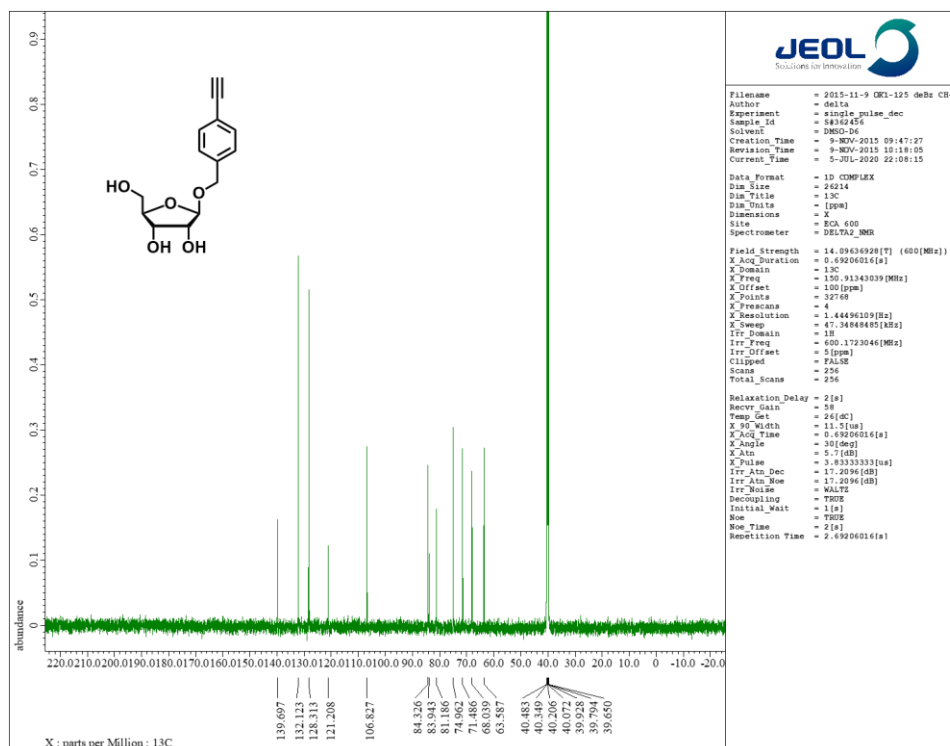
¹³C NMR spectrum of compound 8



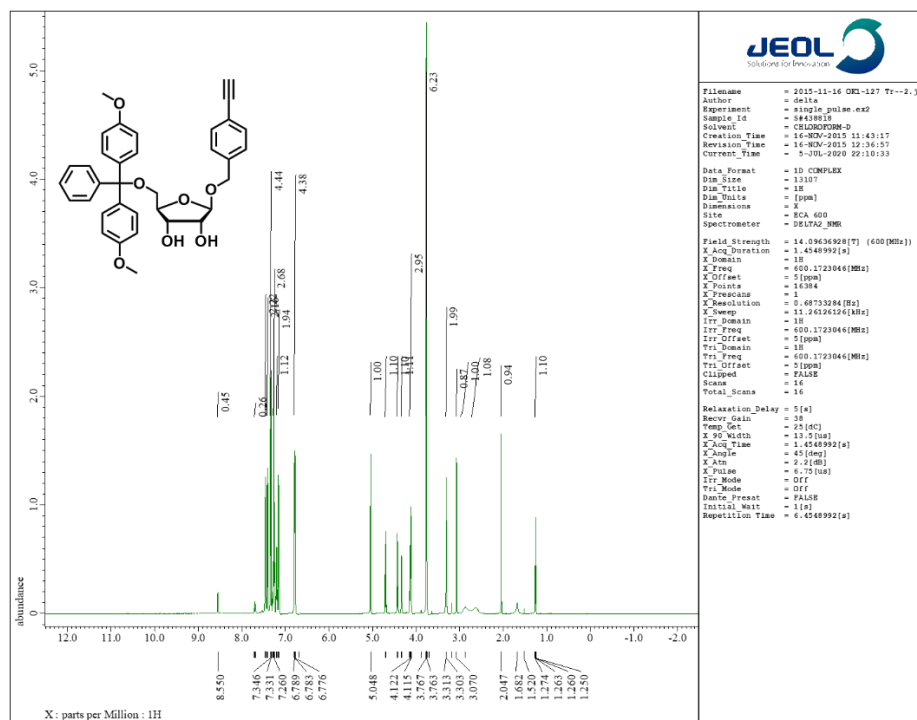
¹H NMR spectrum of compound 9



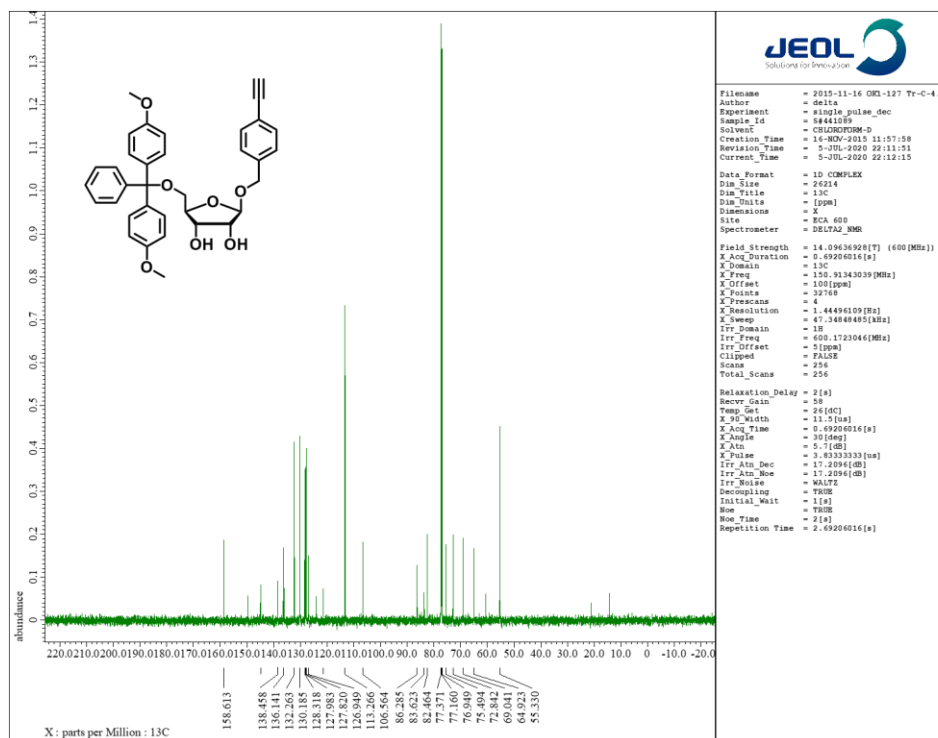
¹³C NMR spectrum of compound 9



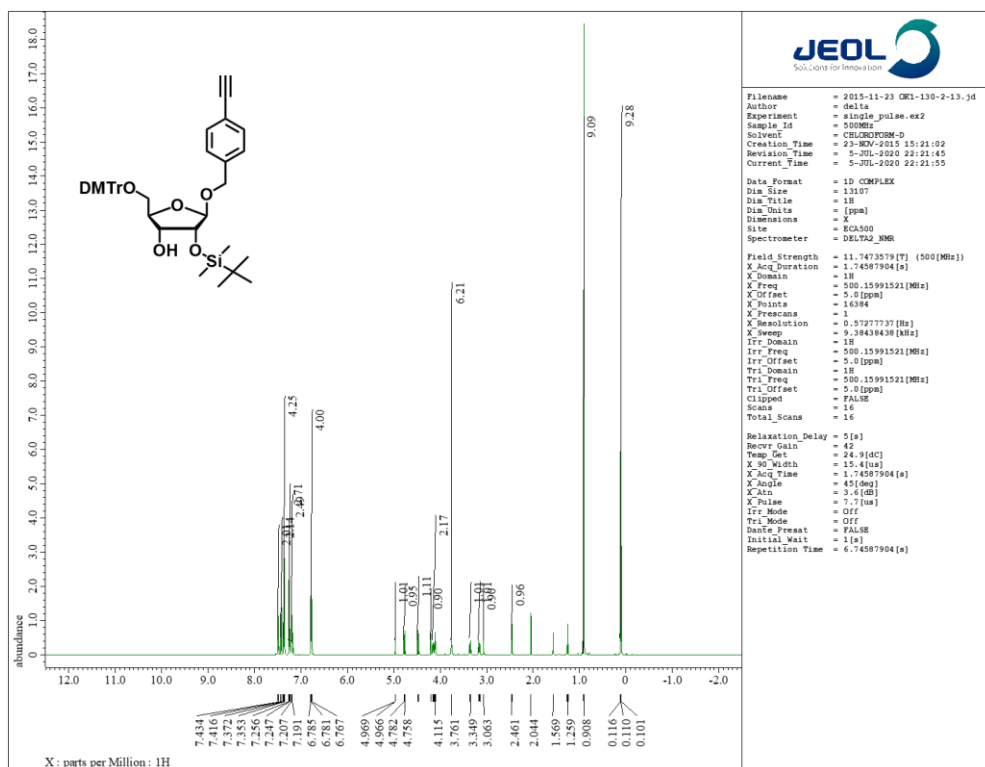
¹H NMR spectrum of compound **10**



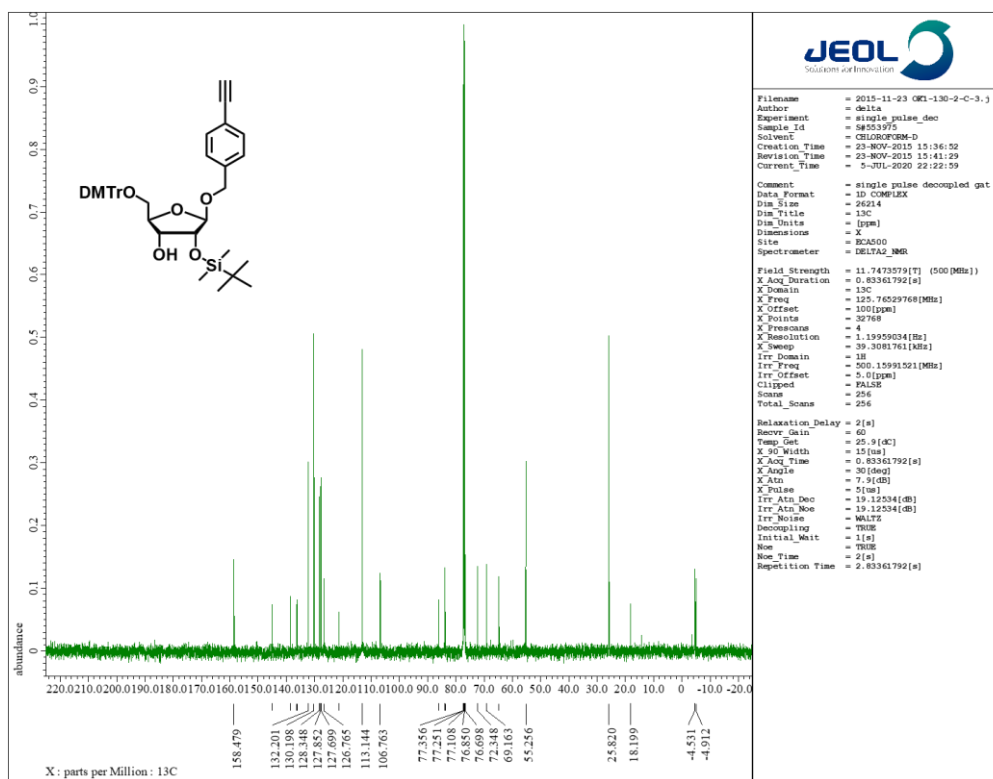
¹³C NMR spectrum of compound **10**



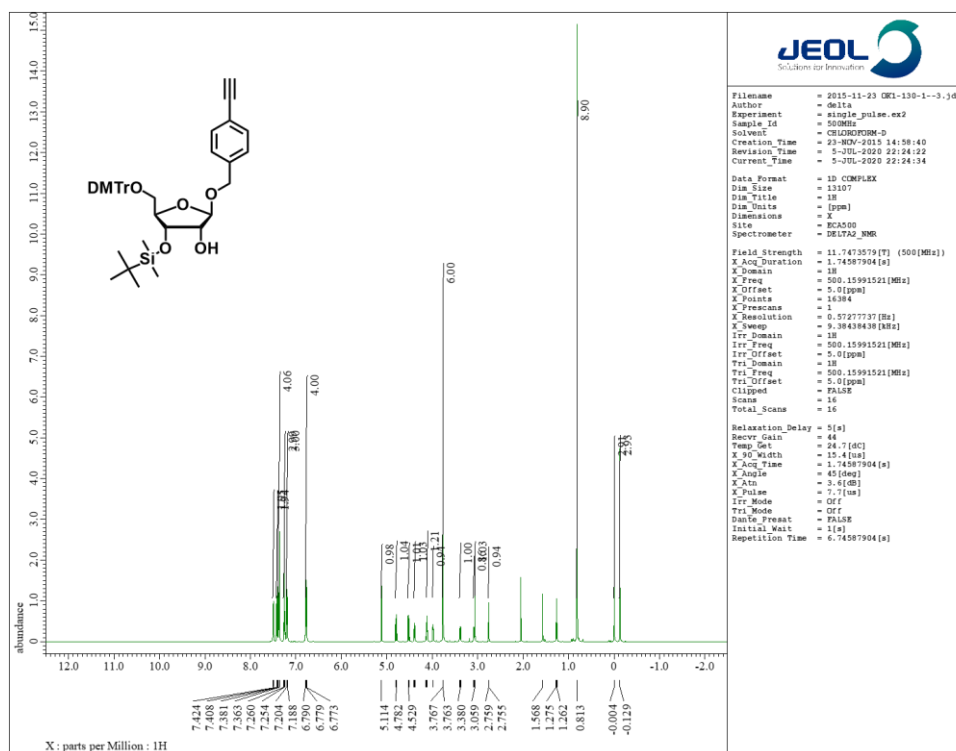
¹H NMR spectrum of compound 11



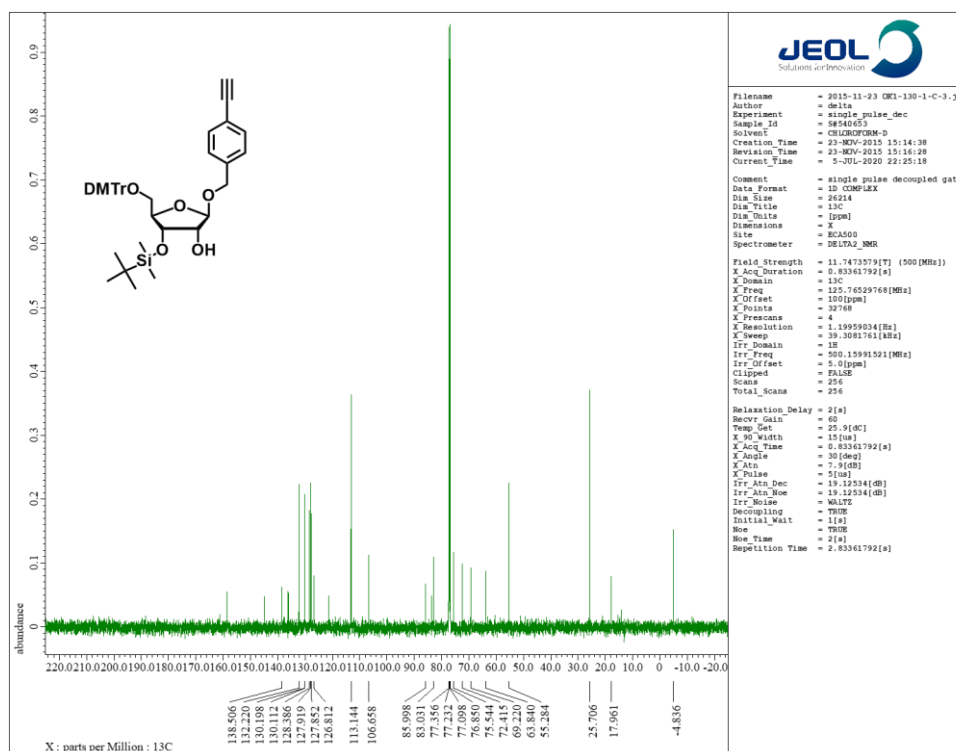
¹³C NMR spectrum of compound 11



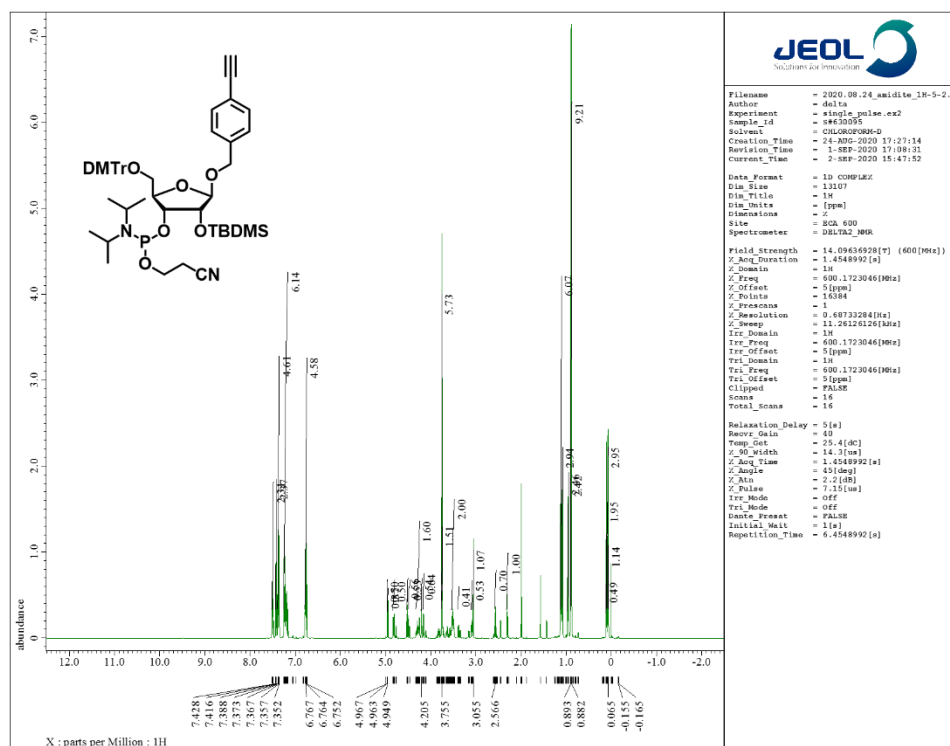
¹H NMR spectrum of compound 12



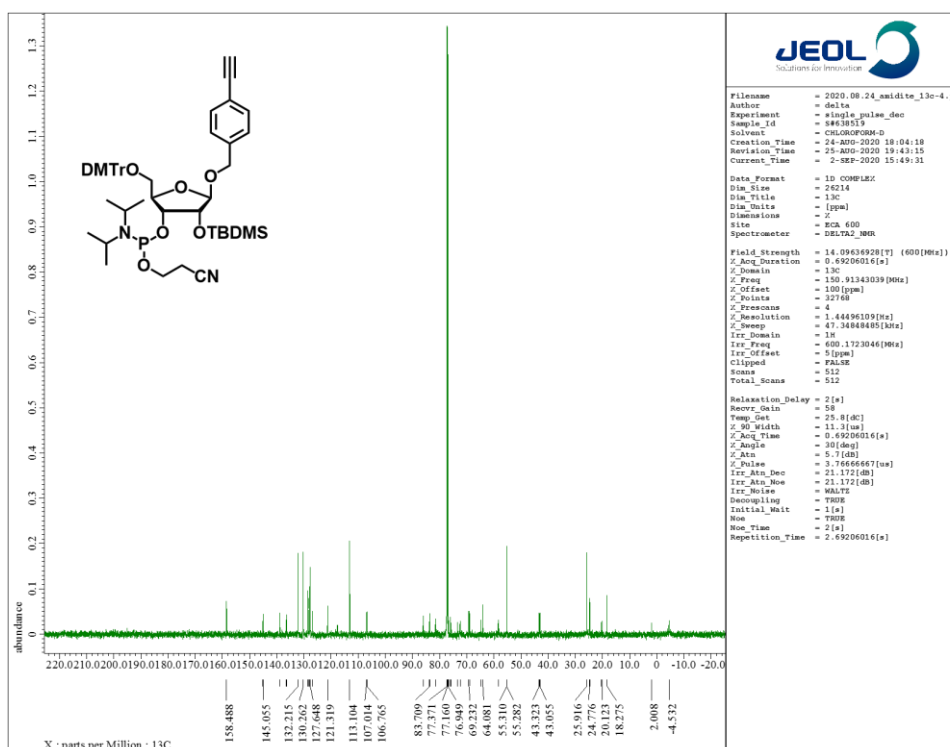
¹³C NMR spectrum of compound 12



¹H NMR spectrum of compound 13



¹³C NMR spectrum of compound 13



³¹P NMR spectrum of compound **13**

