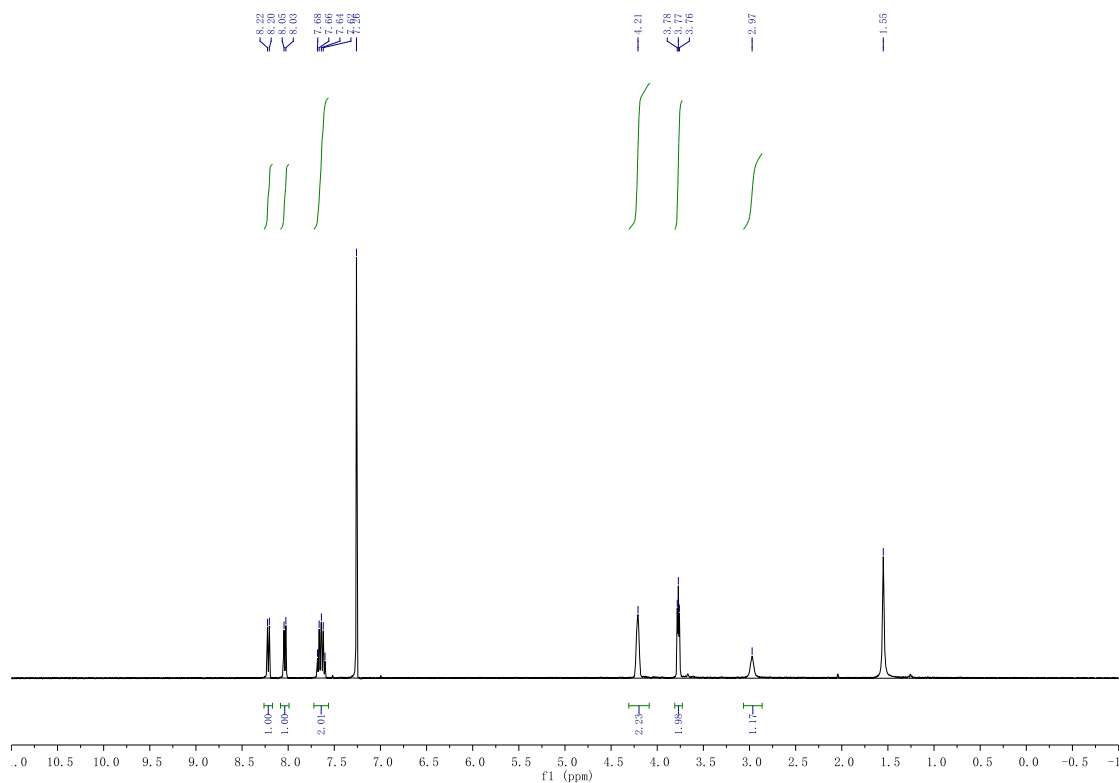
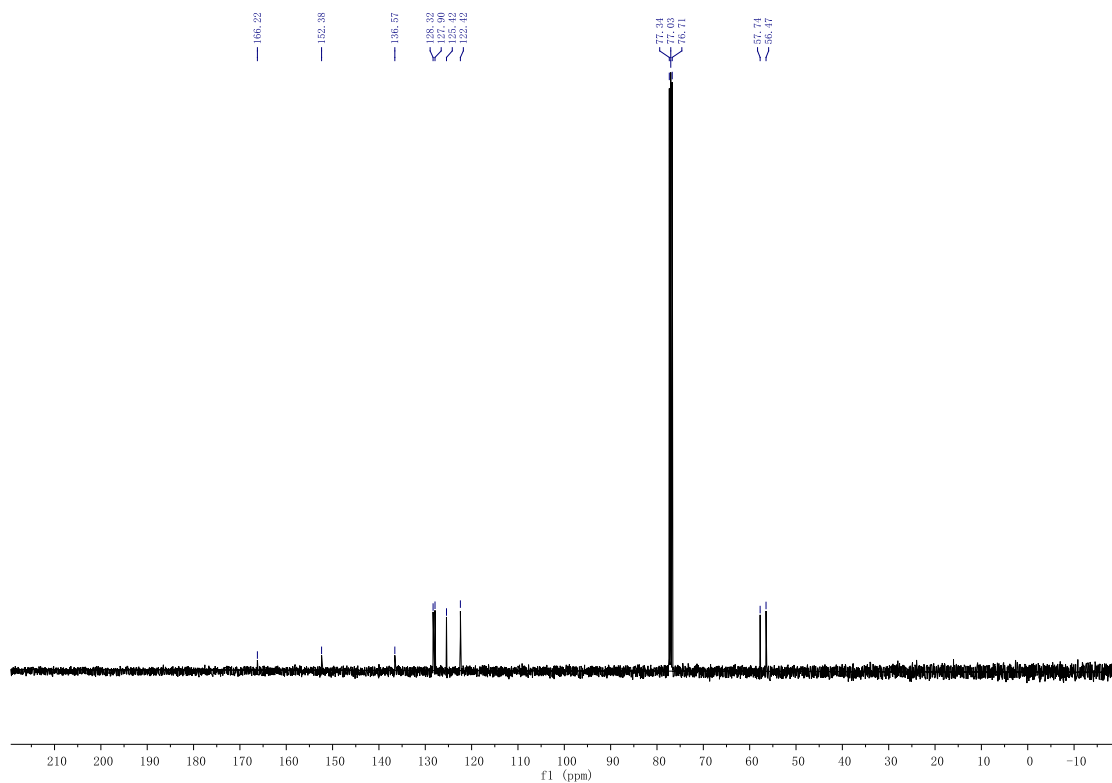


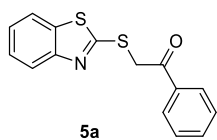
1

¹H NMR

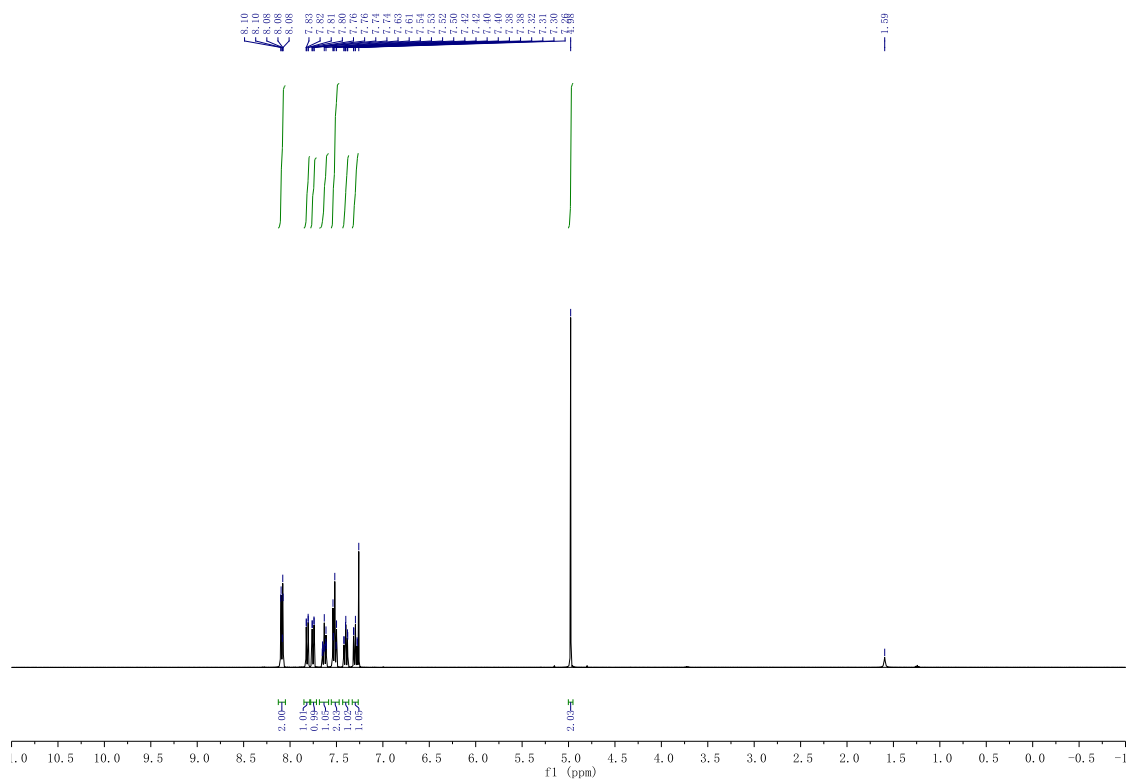


¹³C NMR

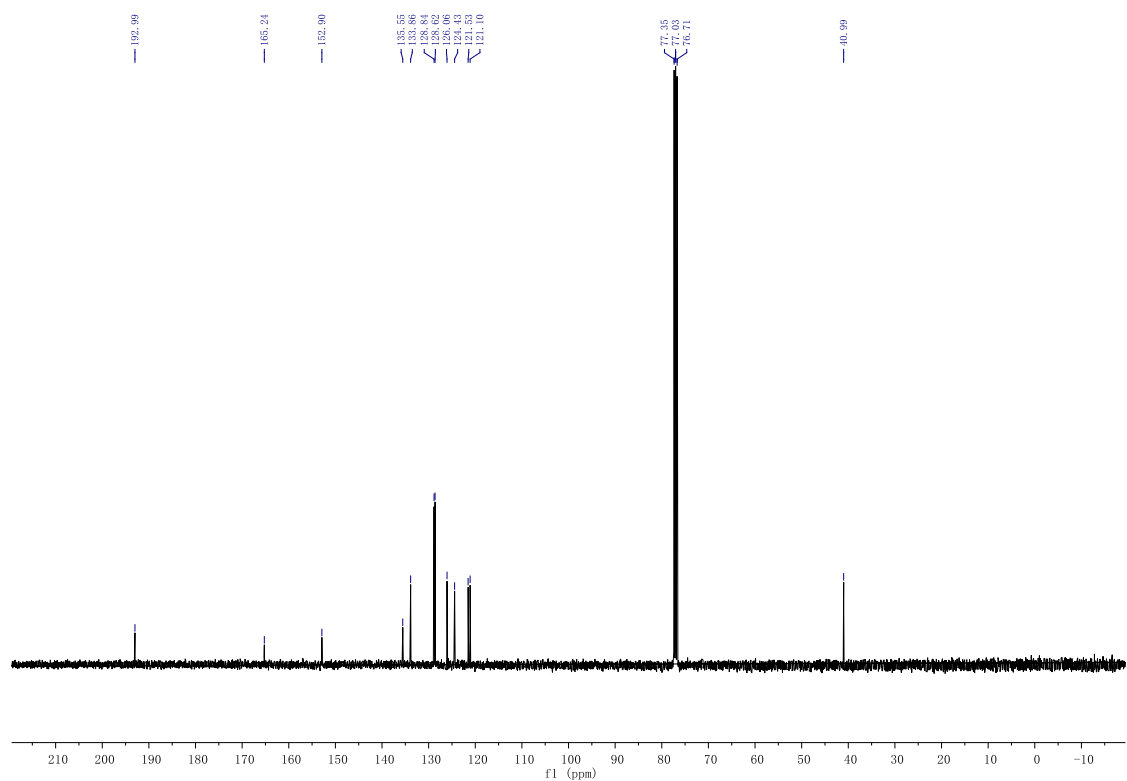


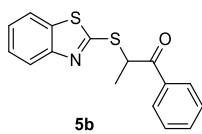


¹H NMR

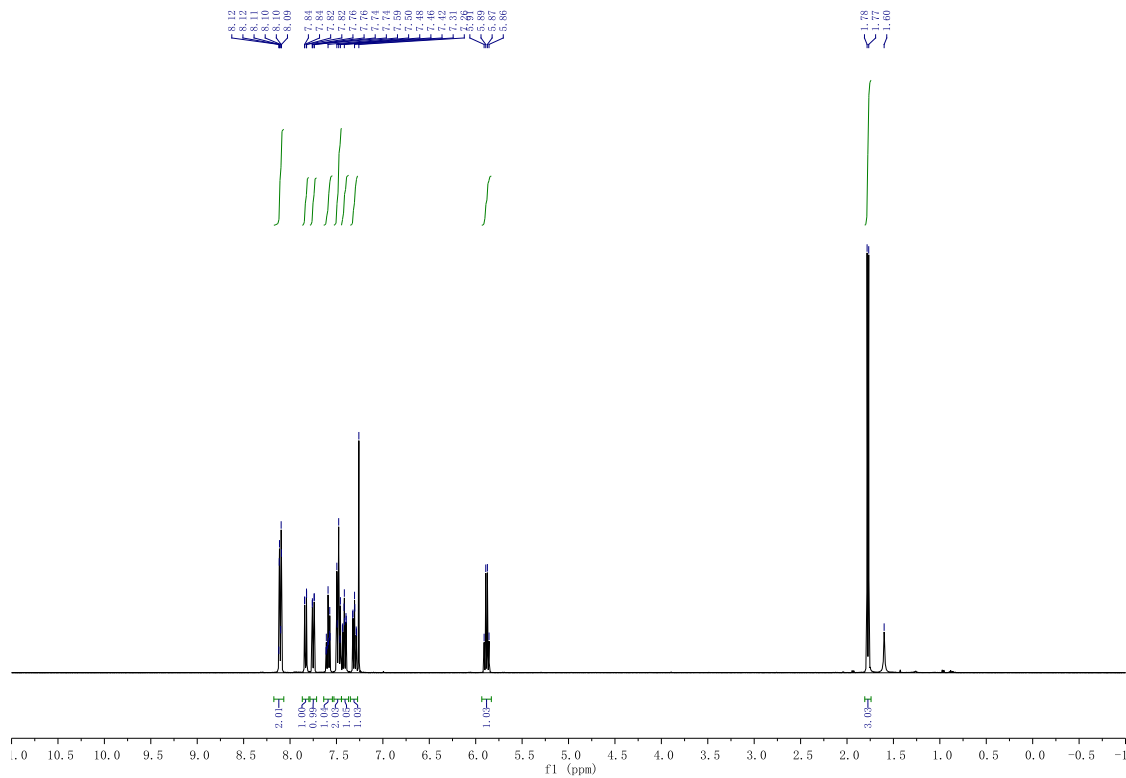


¹³C NMR

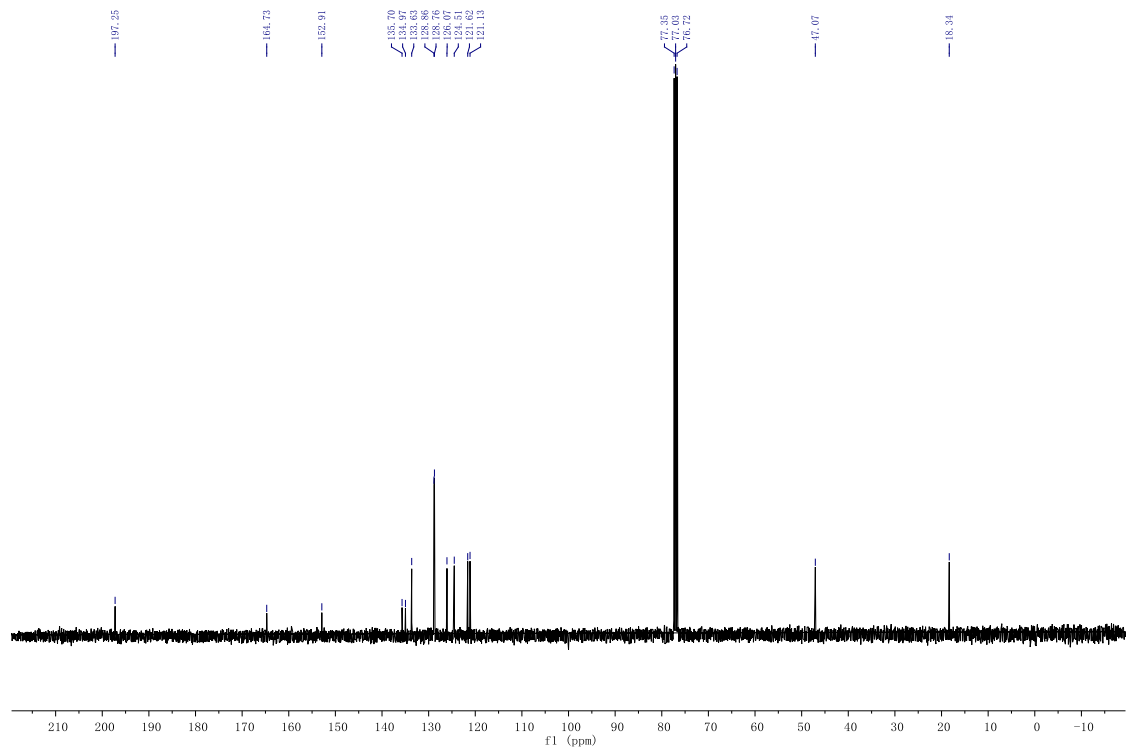


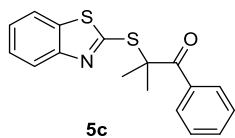


¹H NMR

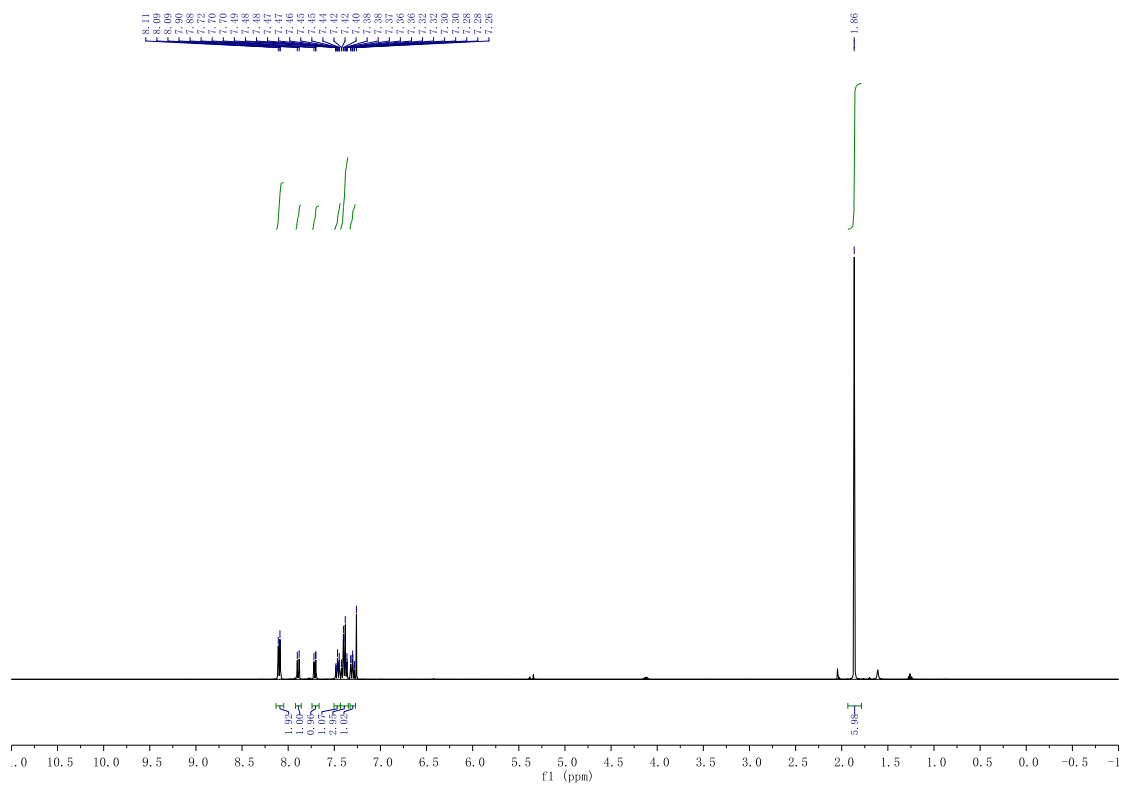


¹³C NMR

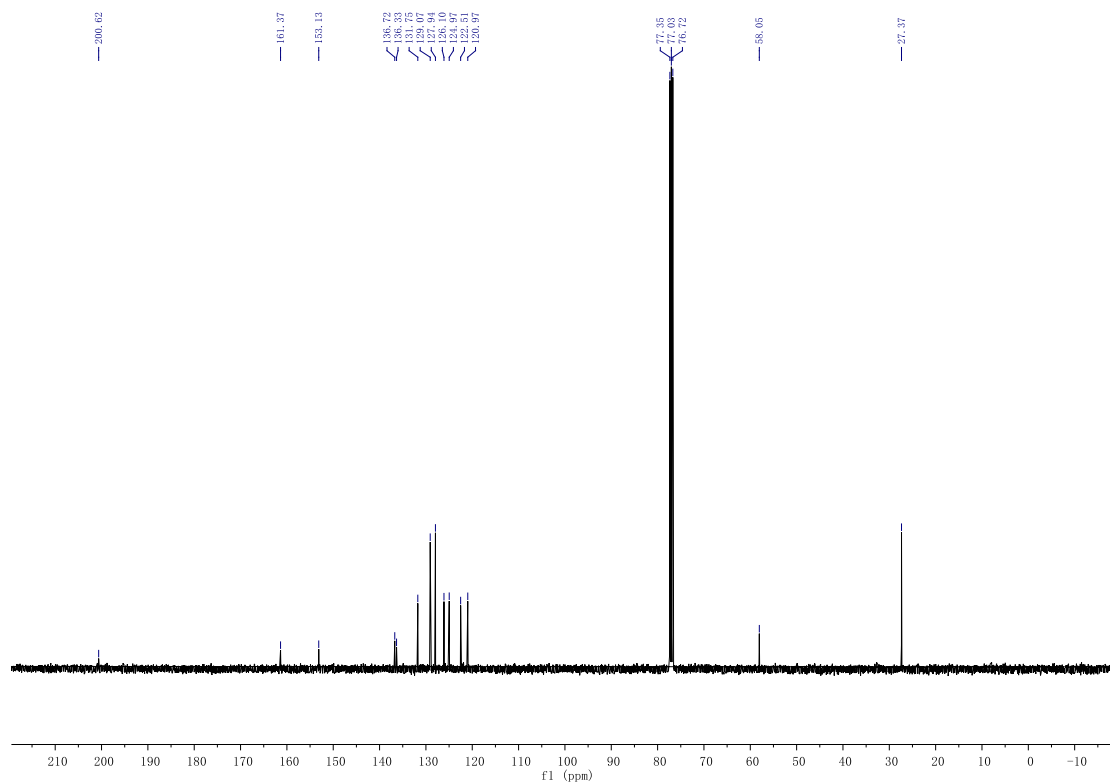


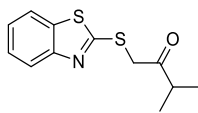


^1H NMR



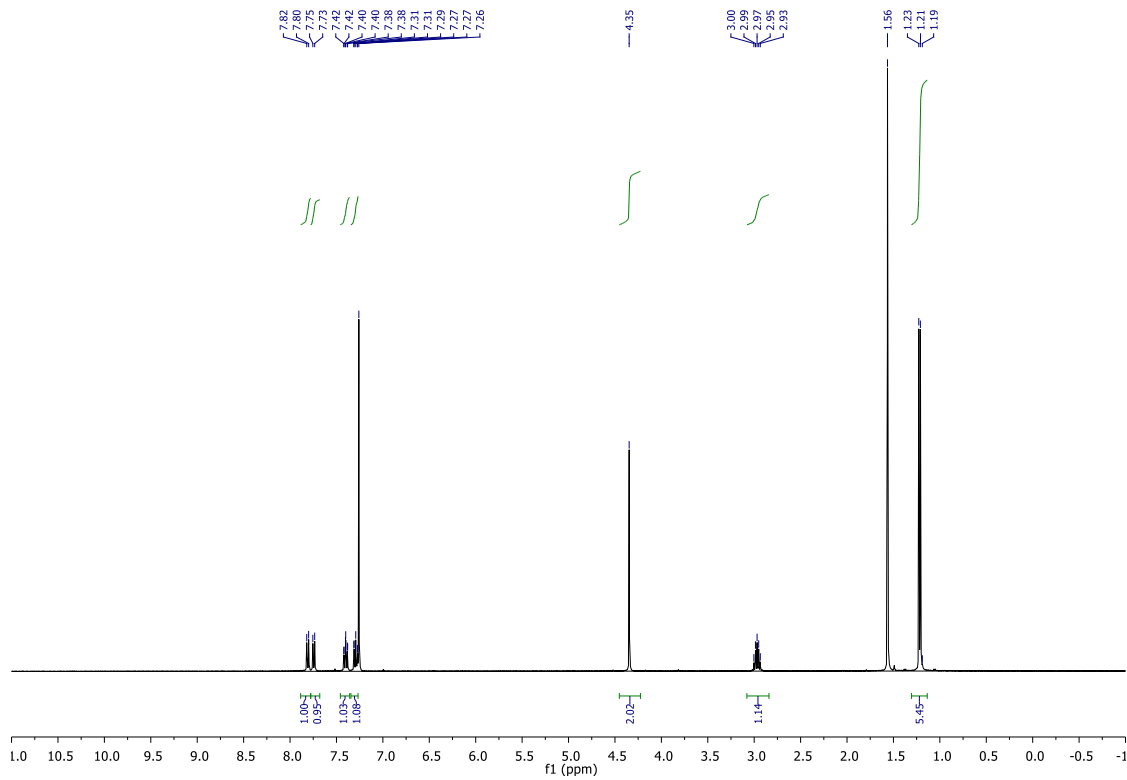
^{13}C NMR



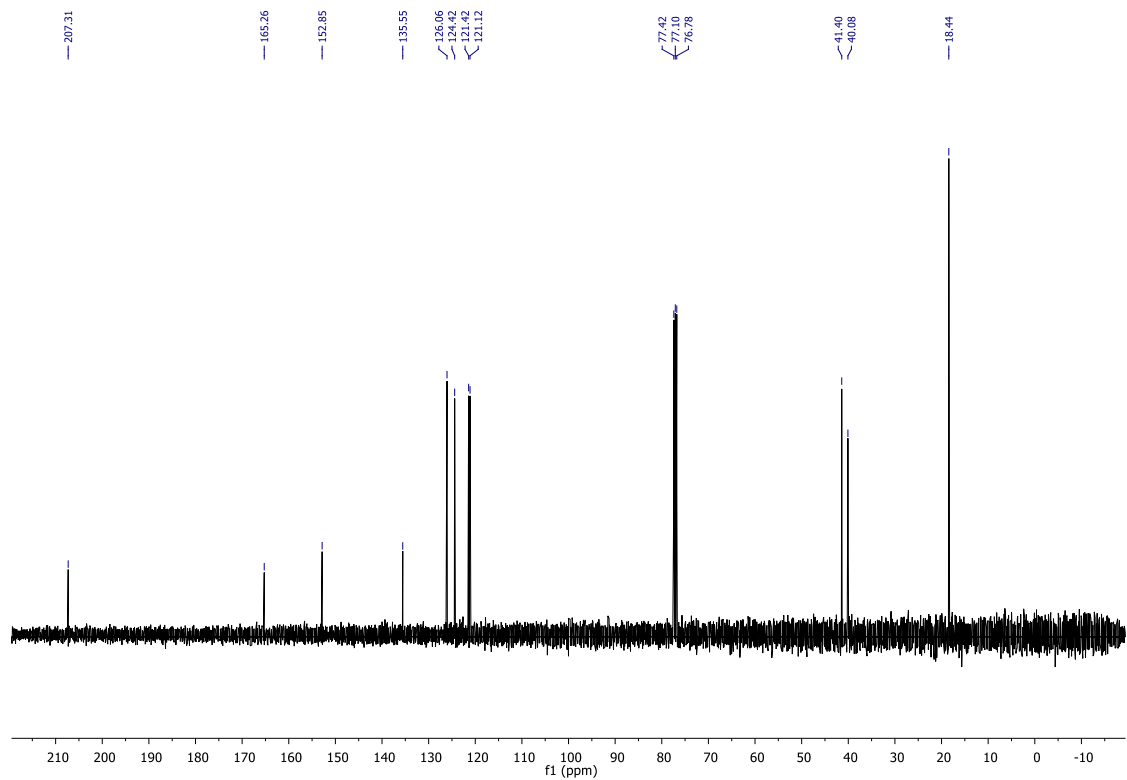


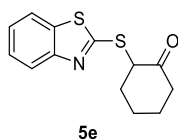
5d

^1H NMR

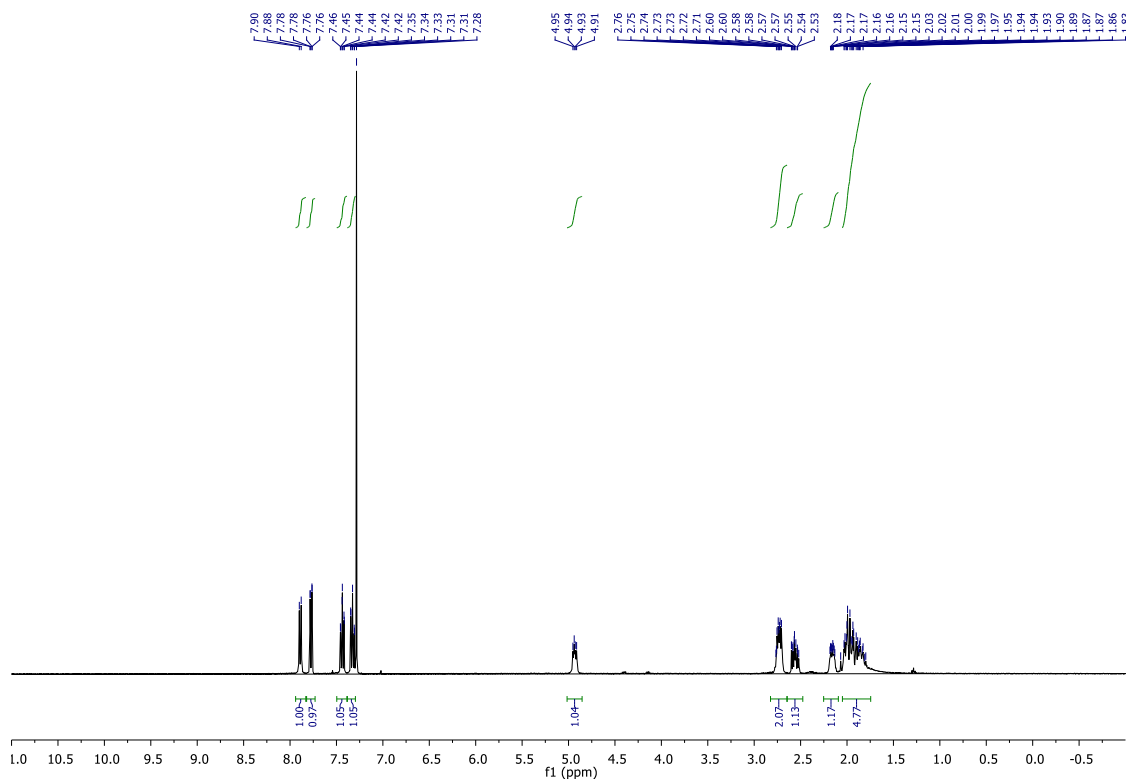


^{13}C NMR

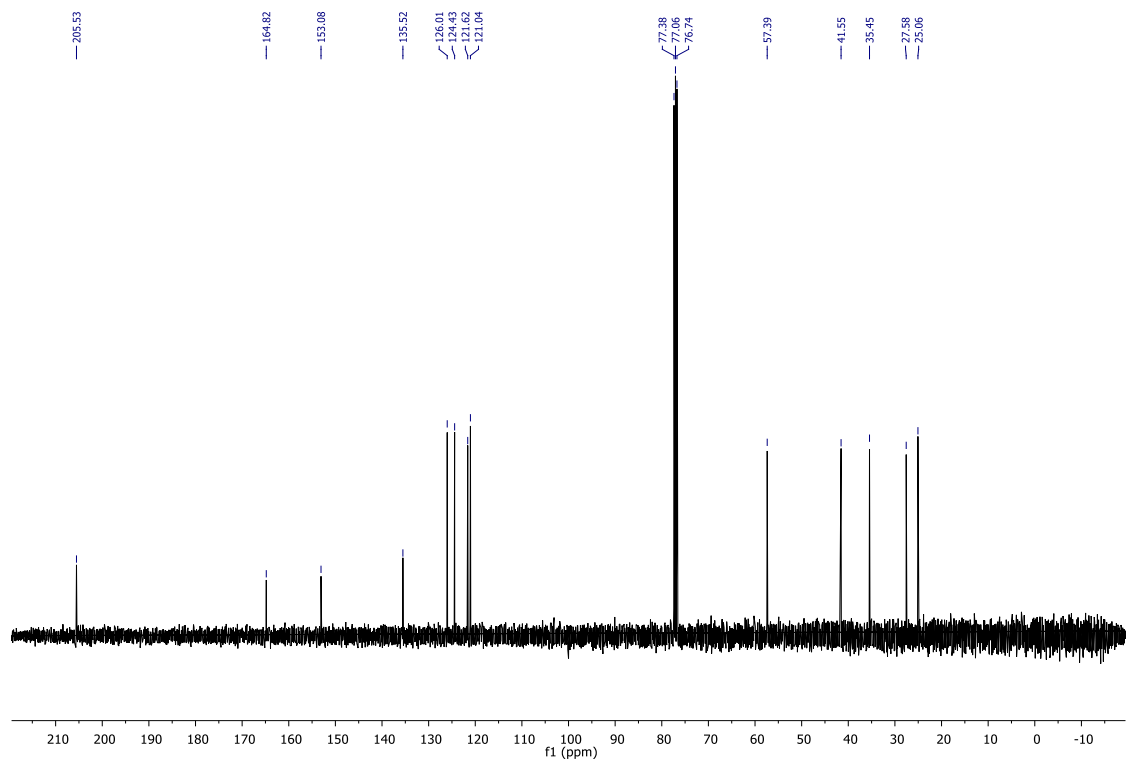


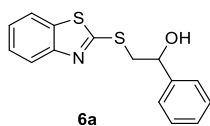


¹H NMR

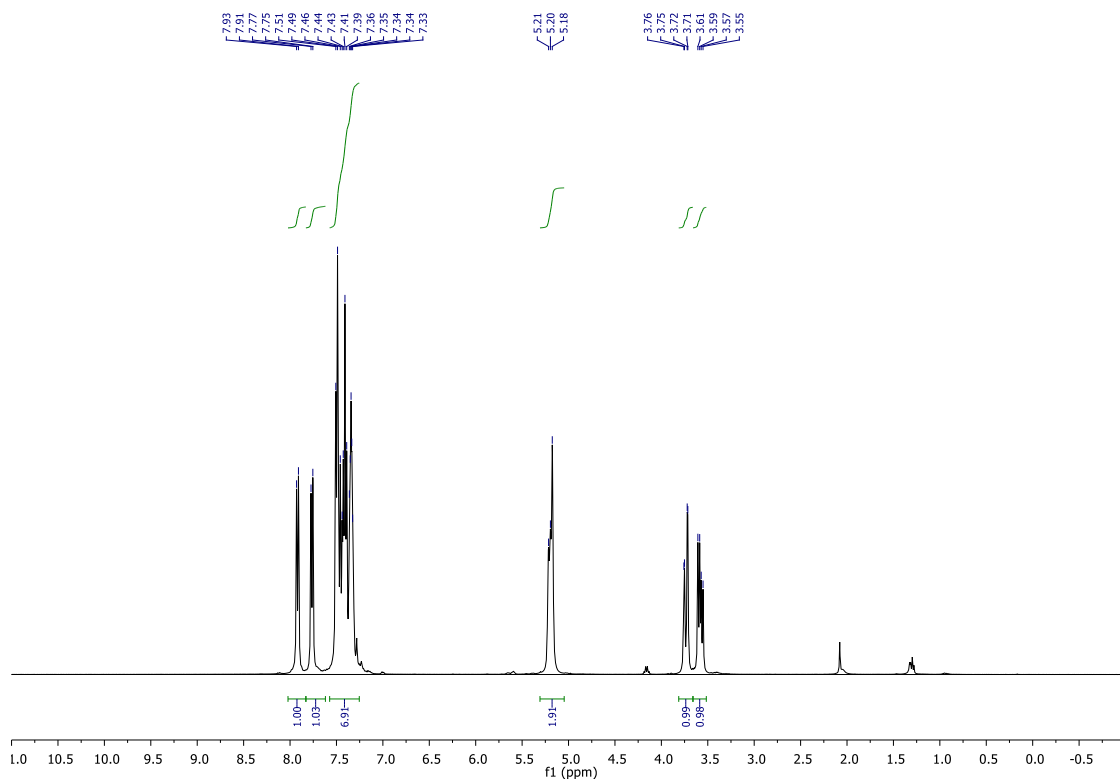


¹³C NMR

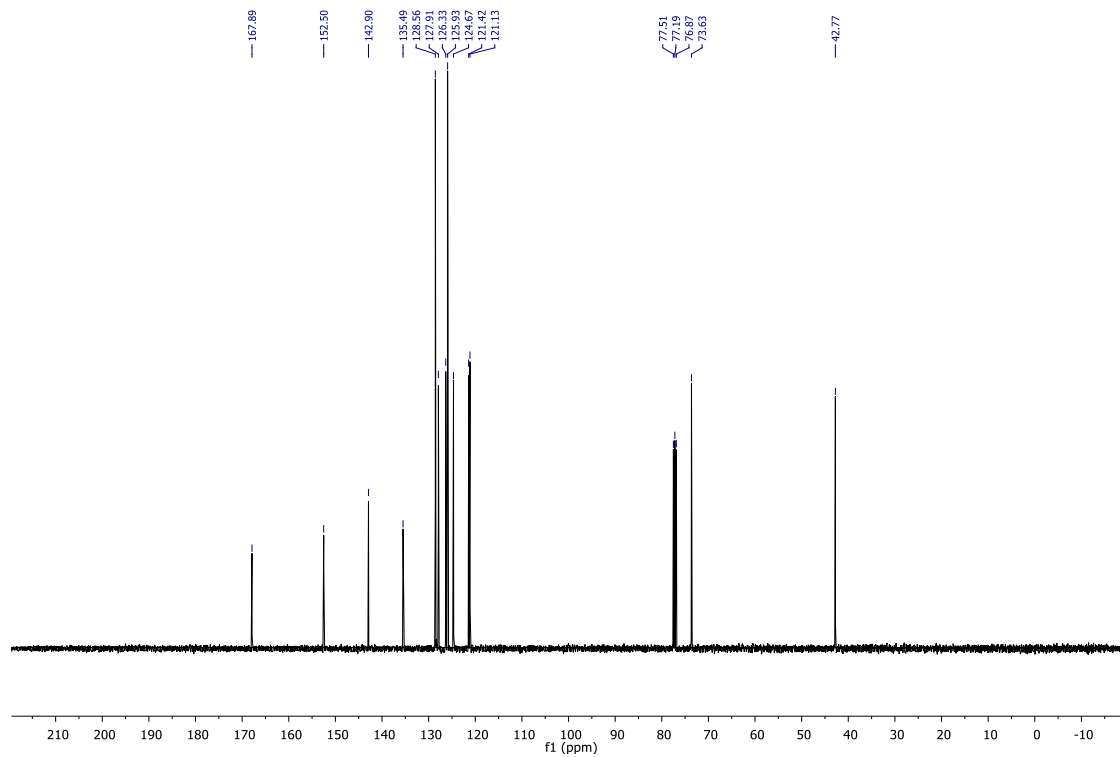


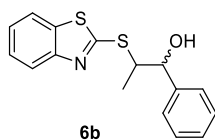


¹H NMR

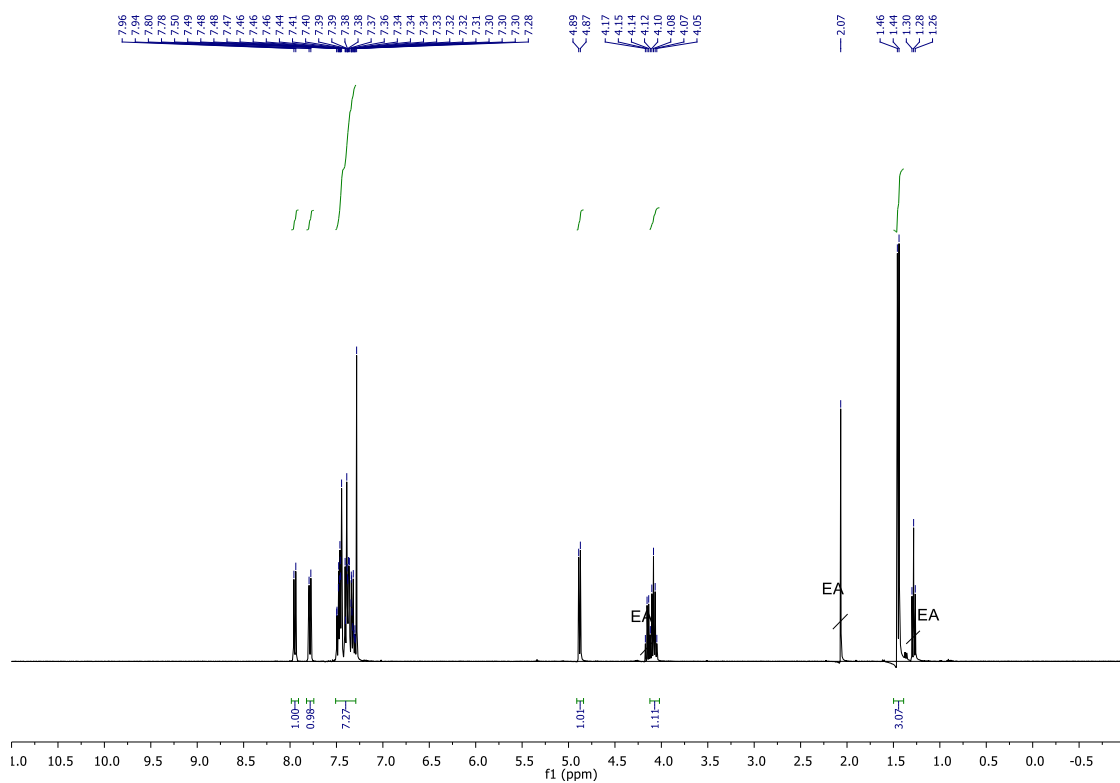


¹³C NMR

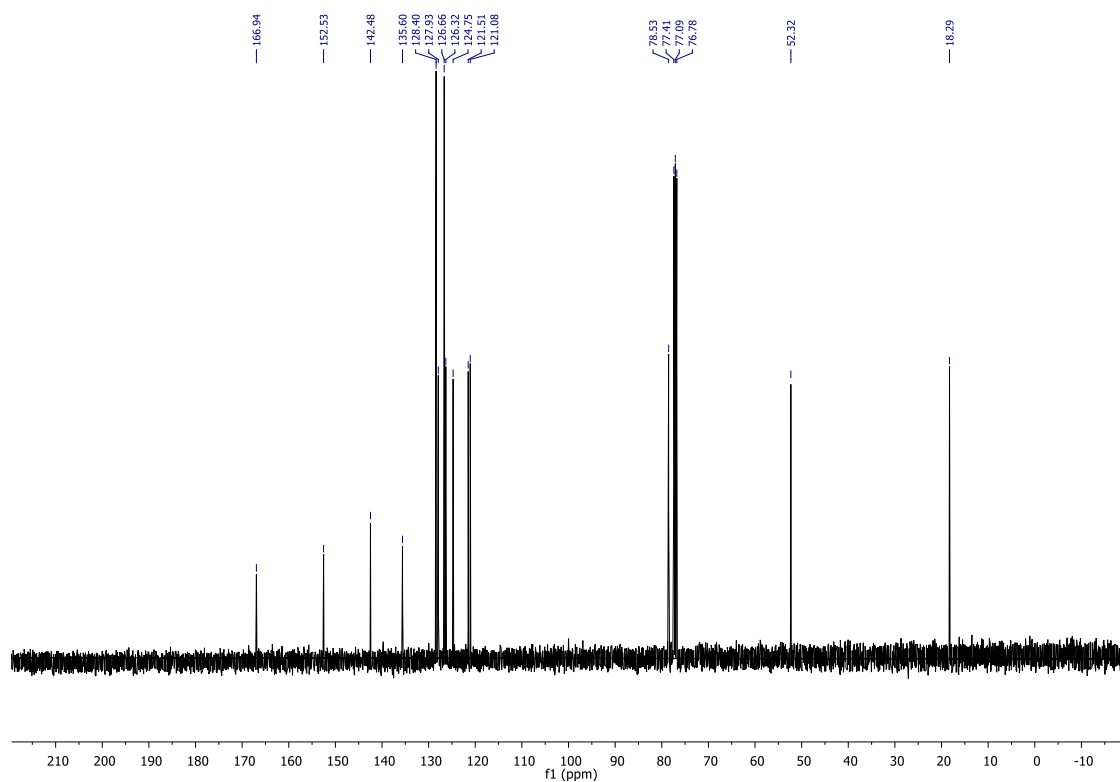


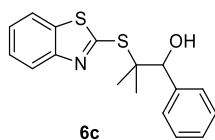


¹H NMR

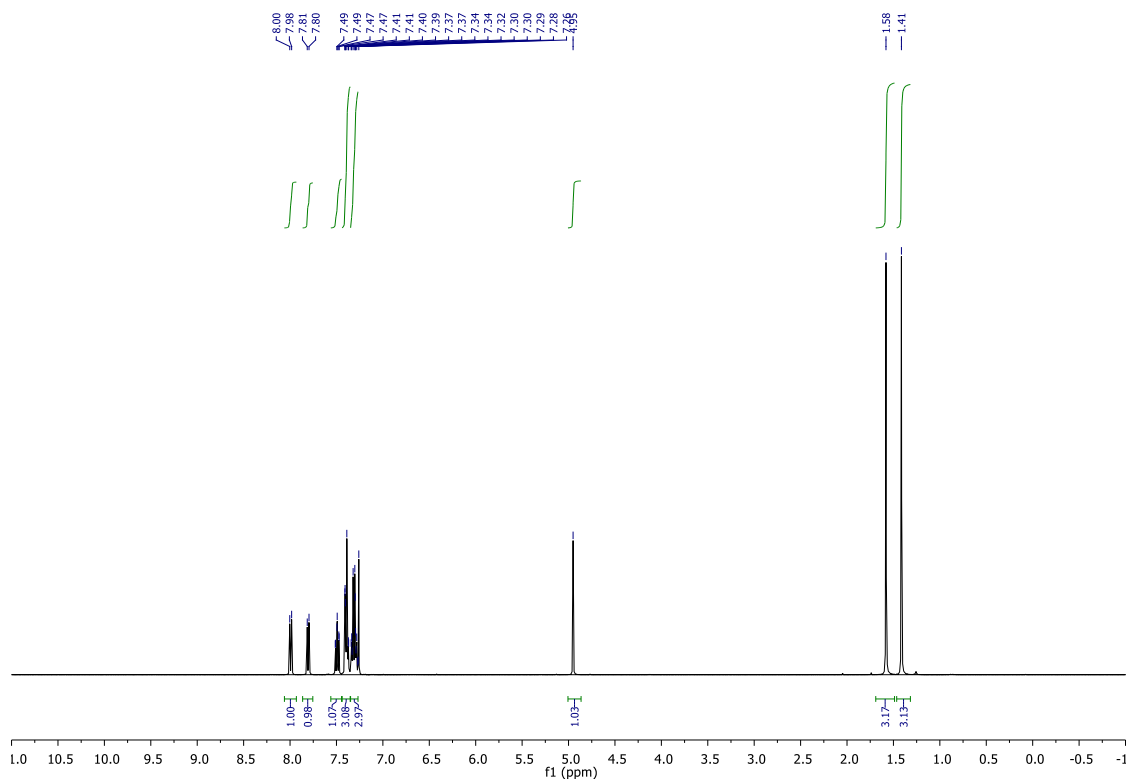


¹³C NMR

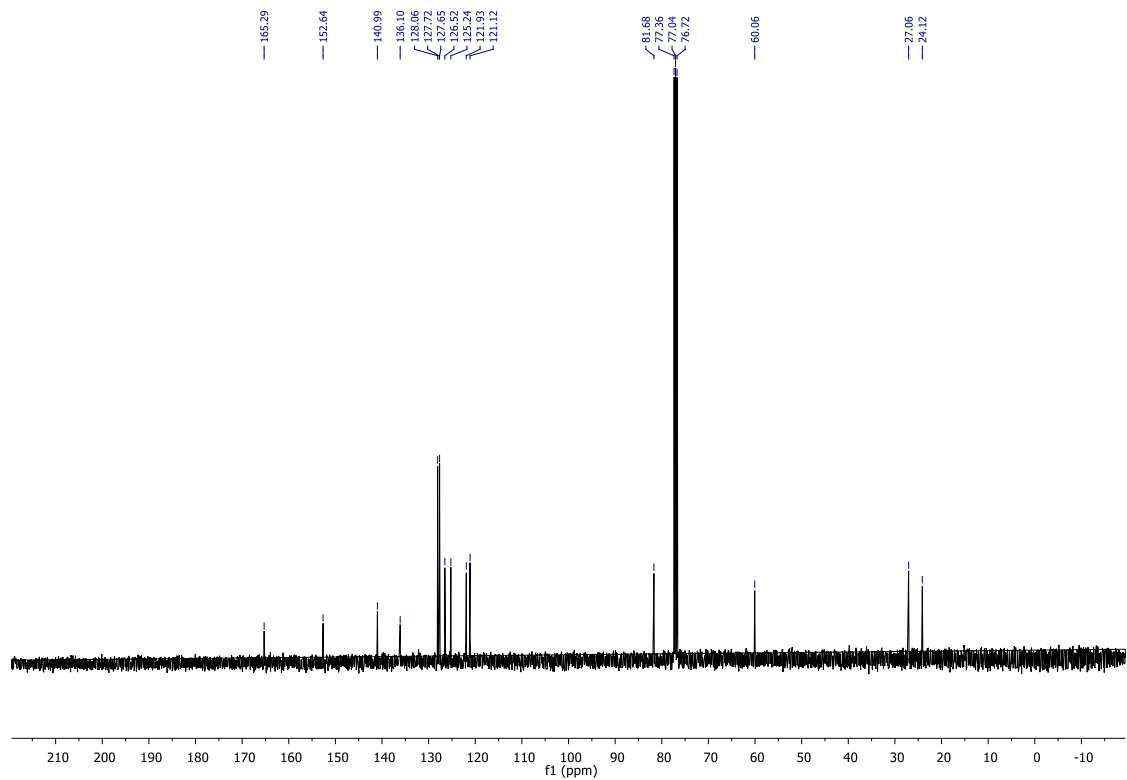


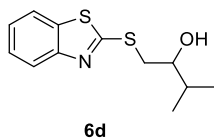


^1H NMR

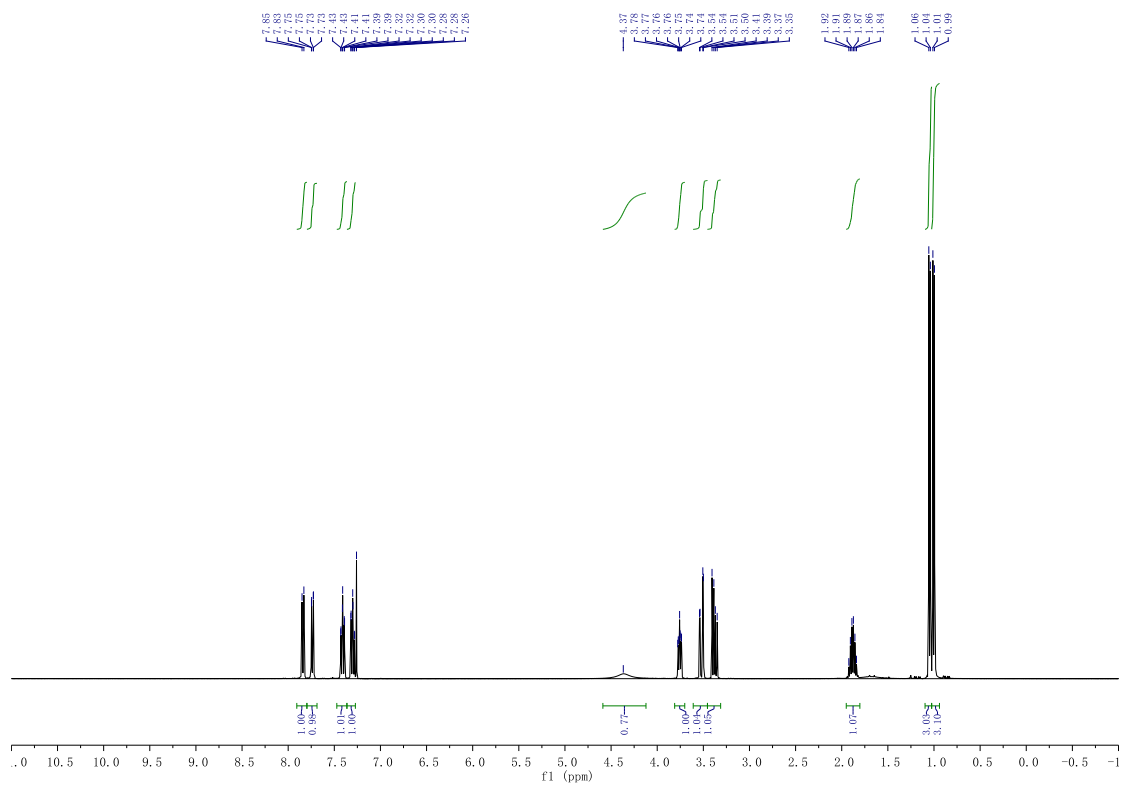


^{13}C NMR

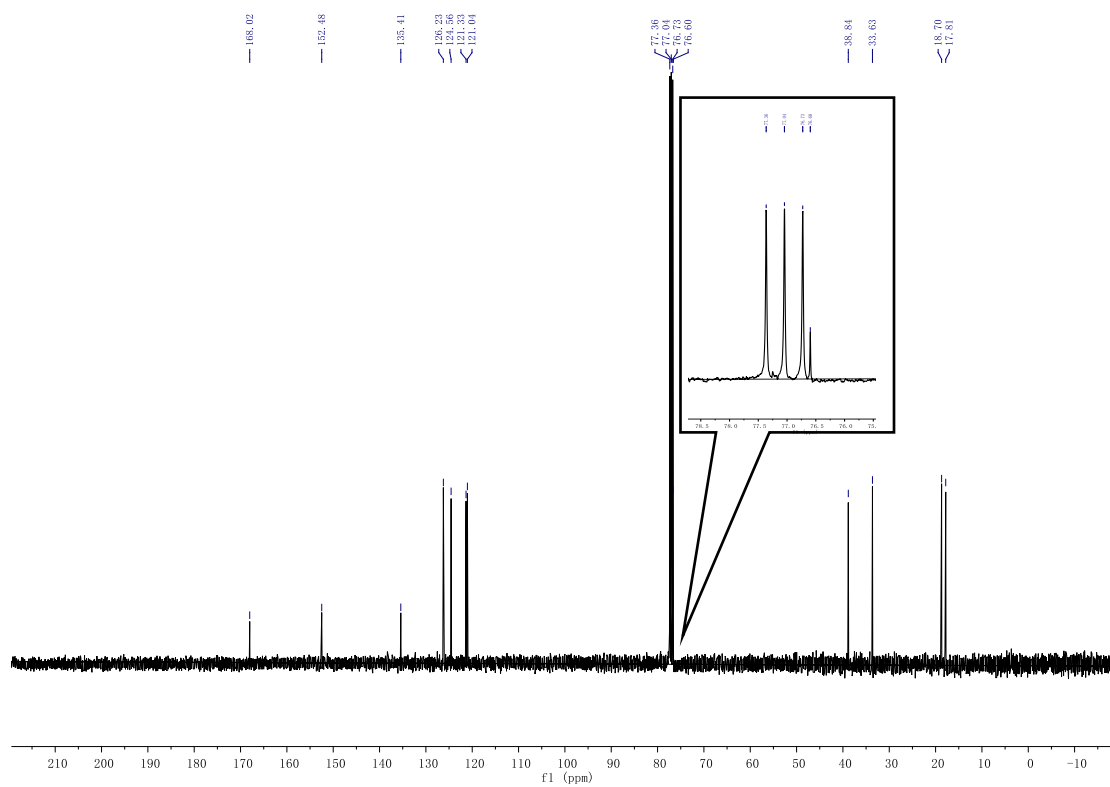


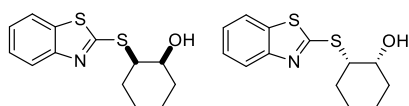


¹H NMR



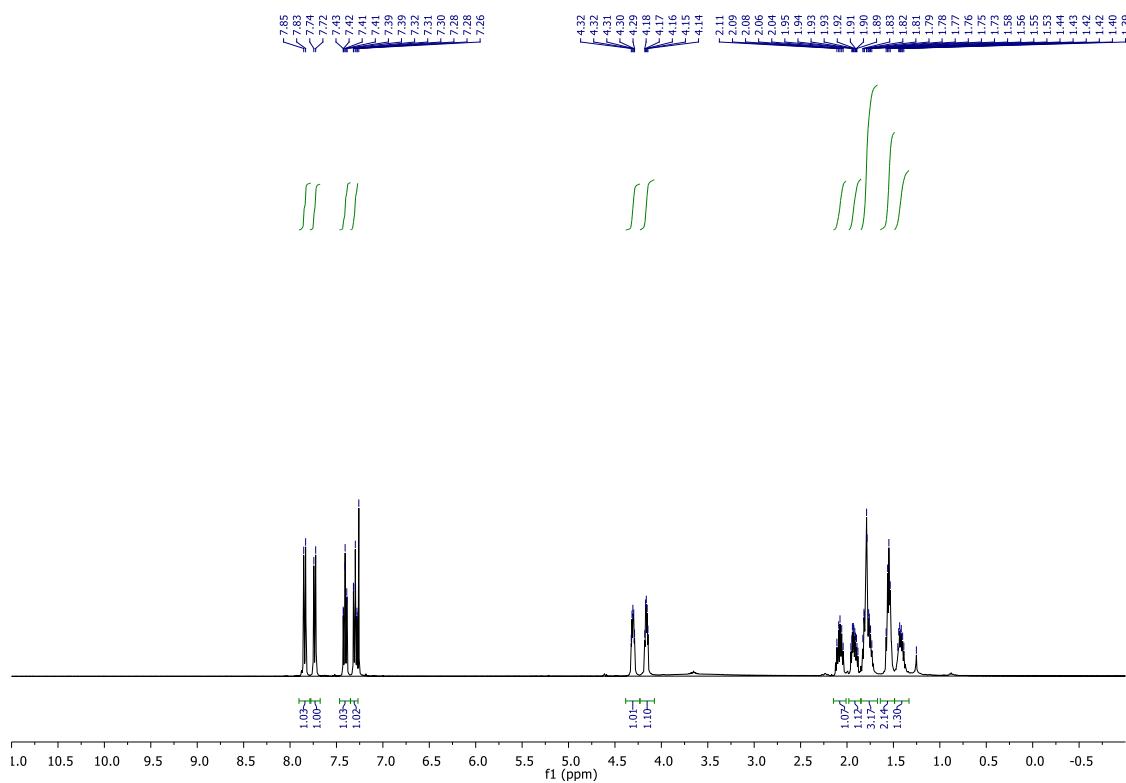
¹³C NMR



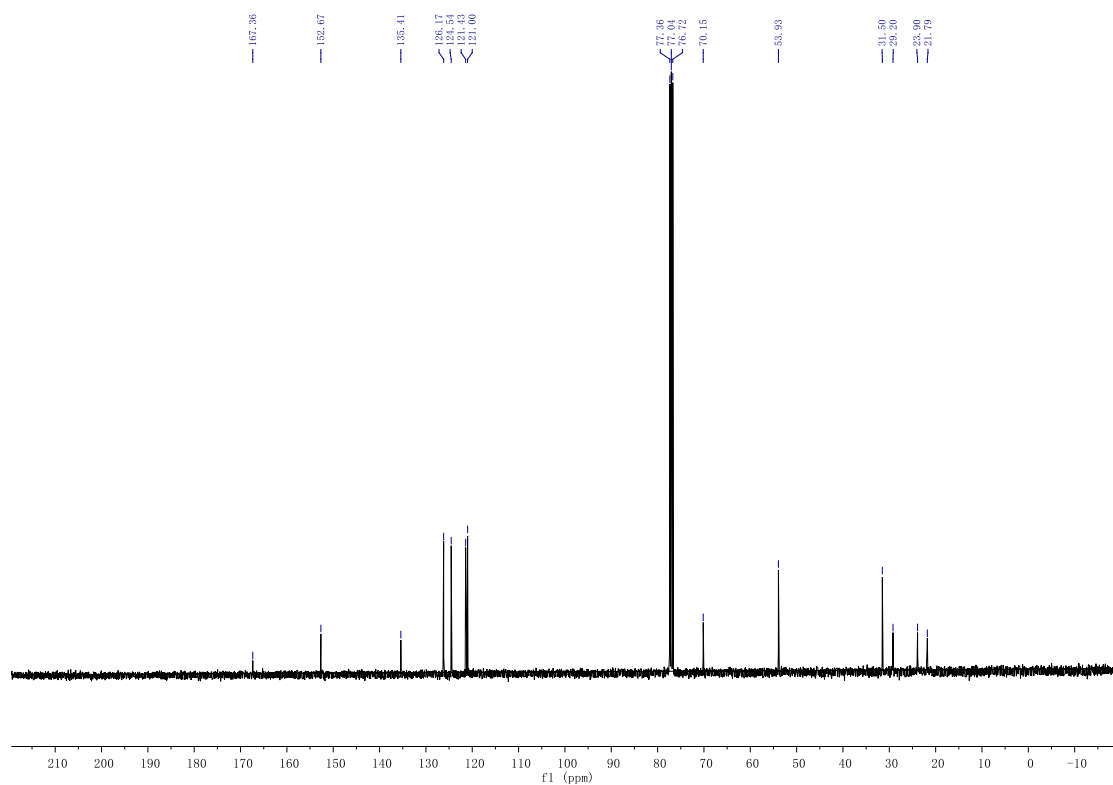


6d

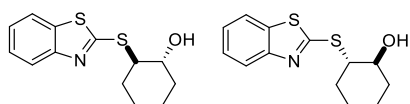
^1H NMR



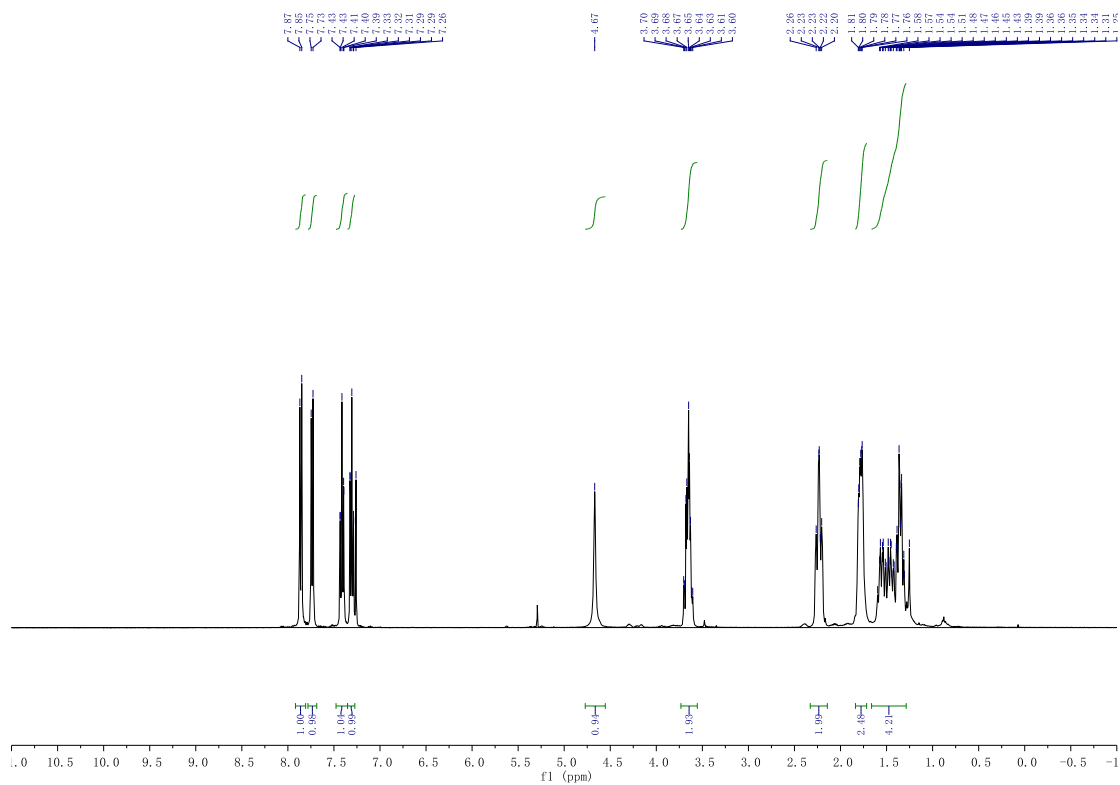
^{13}C NMR



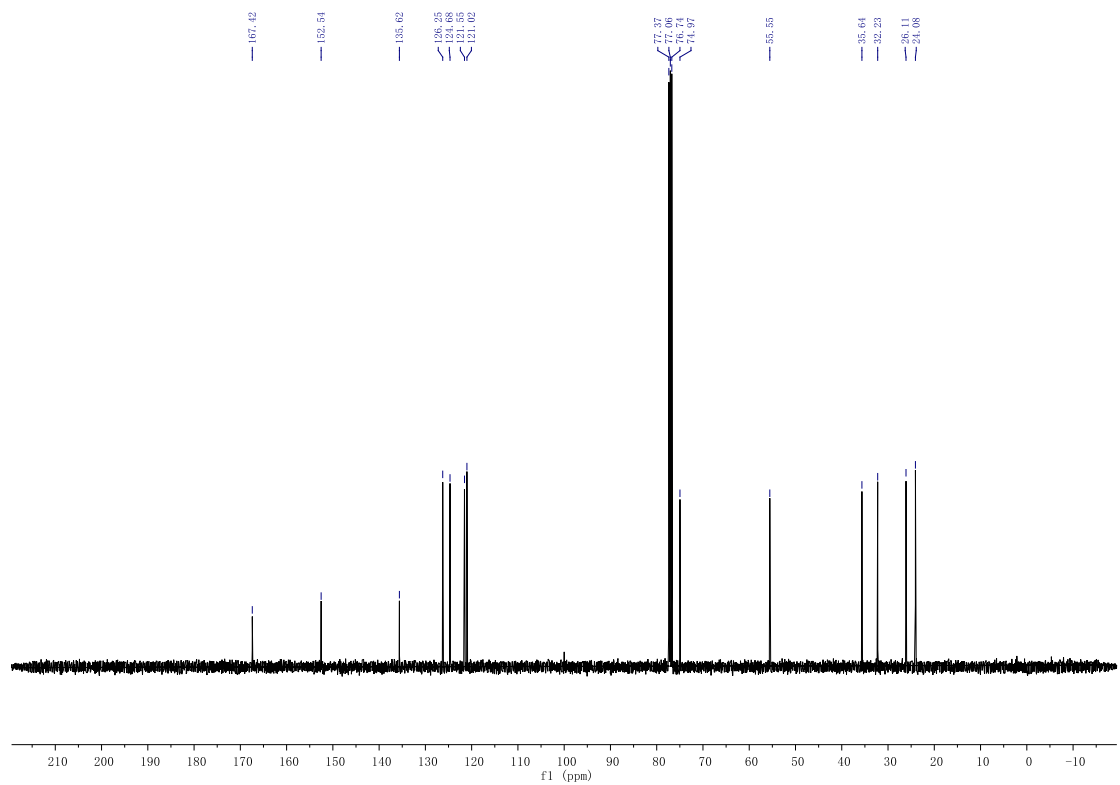
Trans-product:



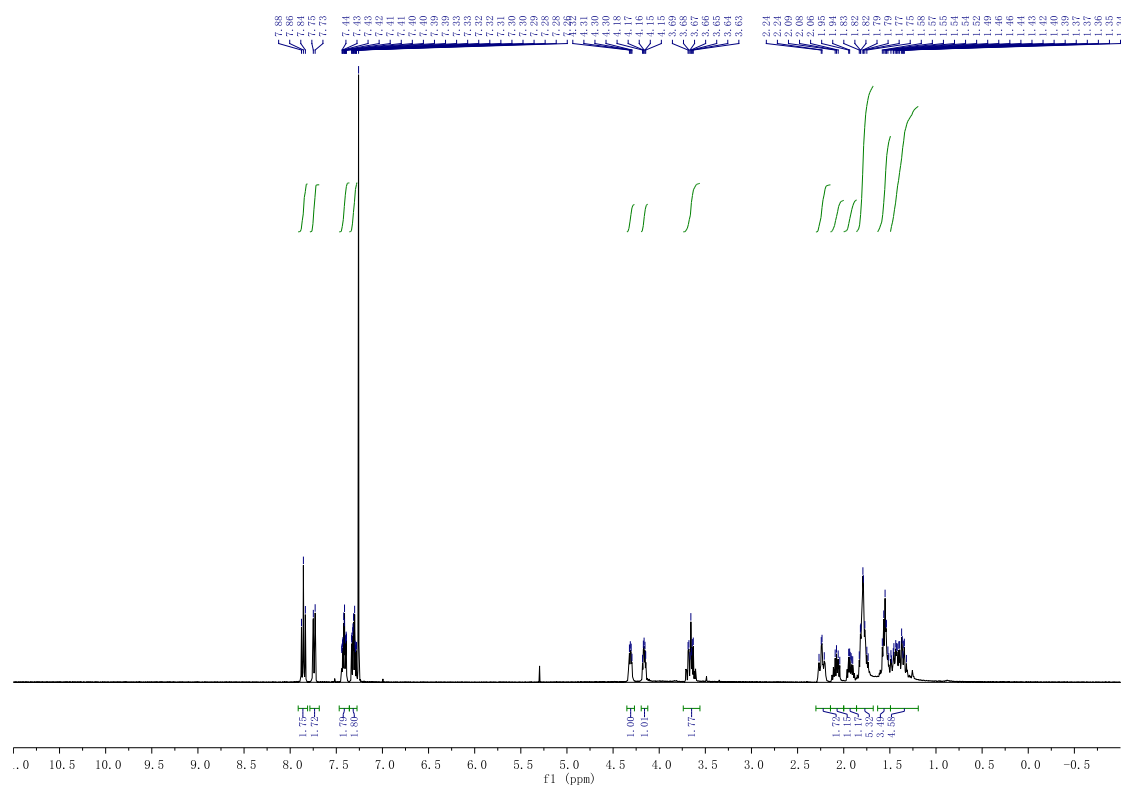
^1H NMR

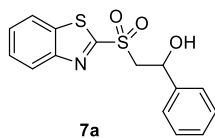


^{13}C NMR

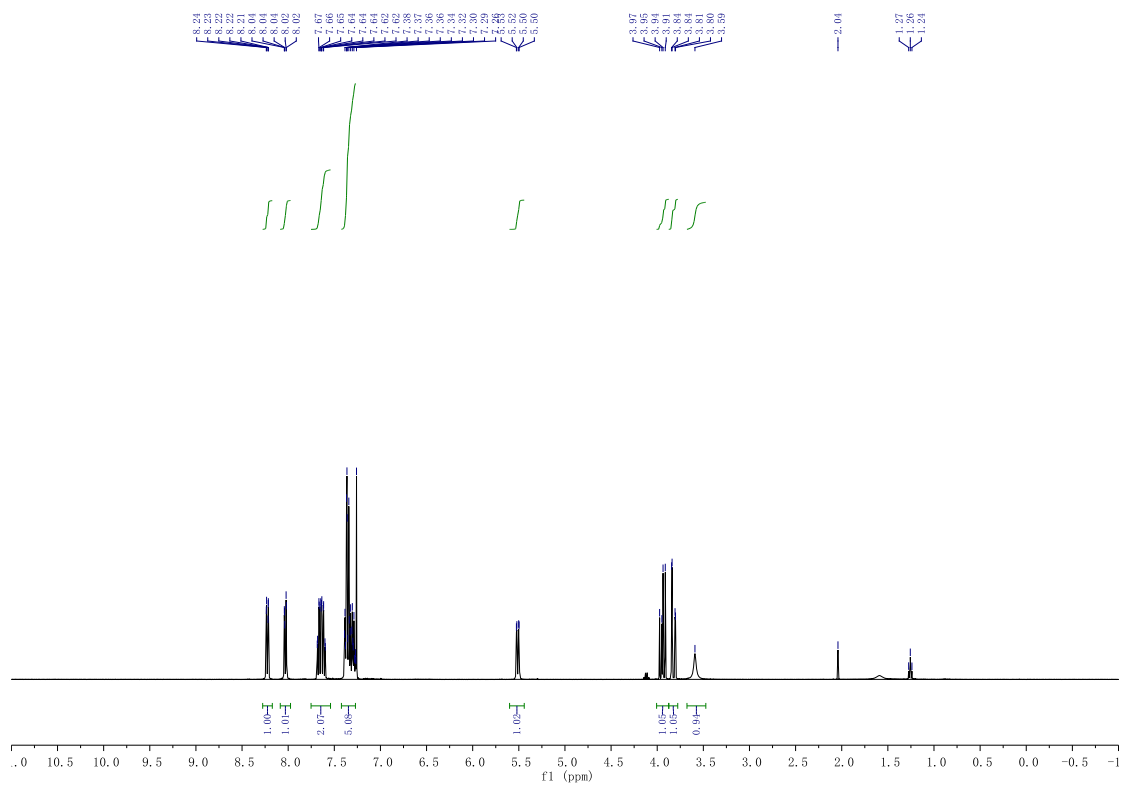


Crude ^1H NMR of *cis*- and *trans*- mixture

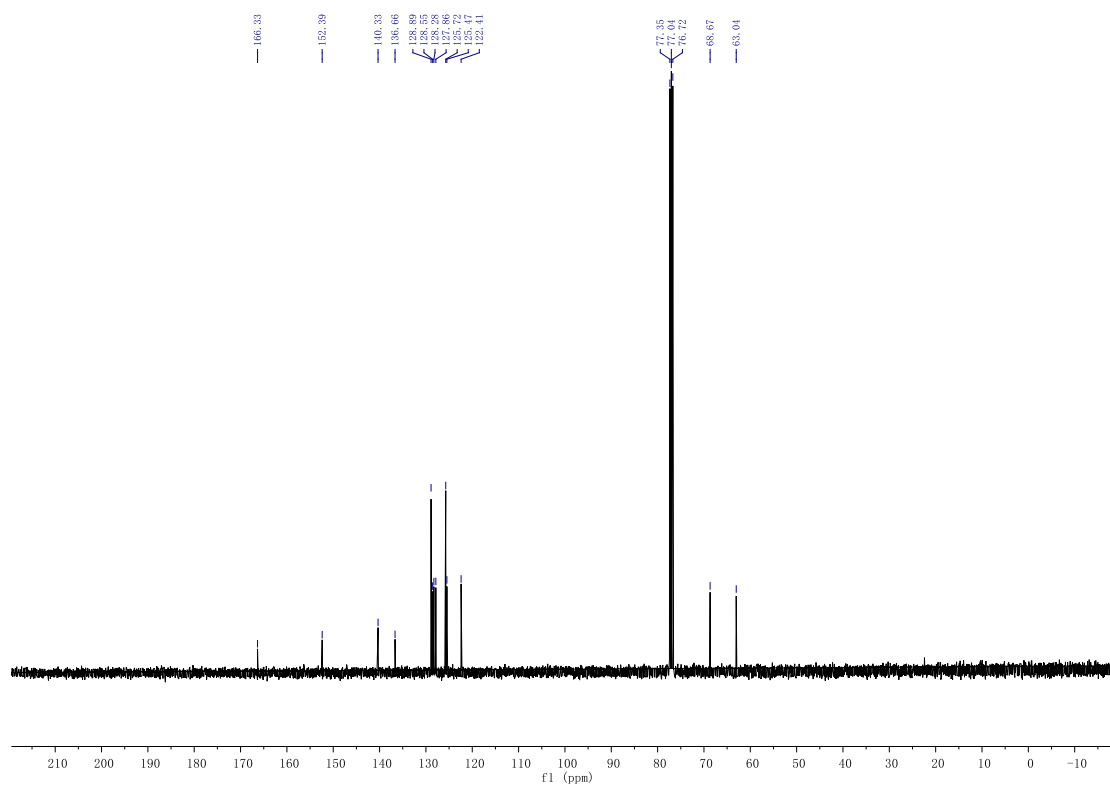


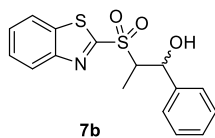


¹H NMR

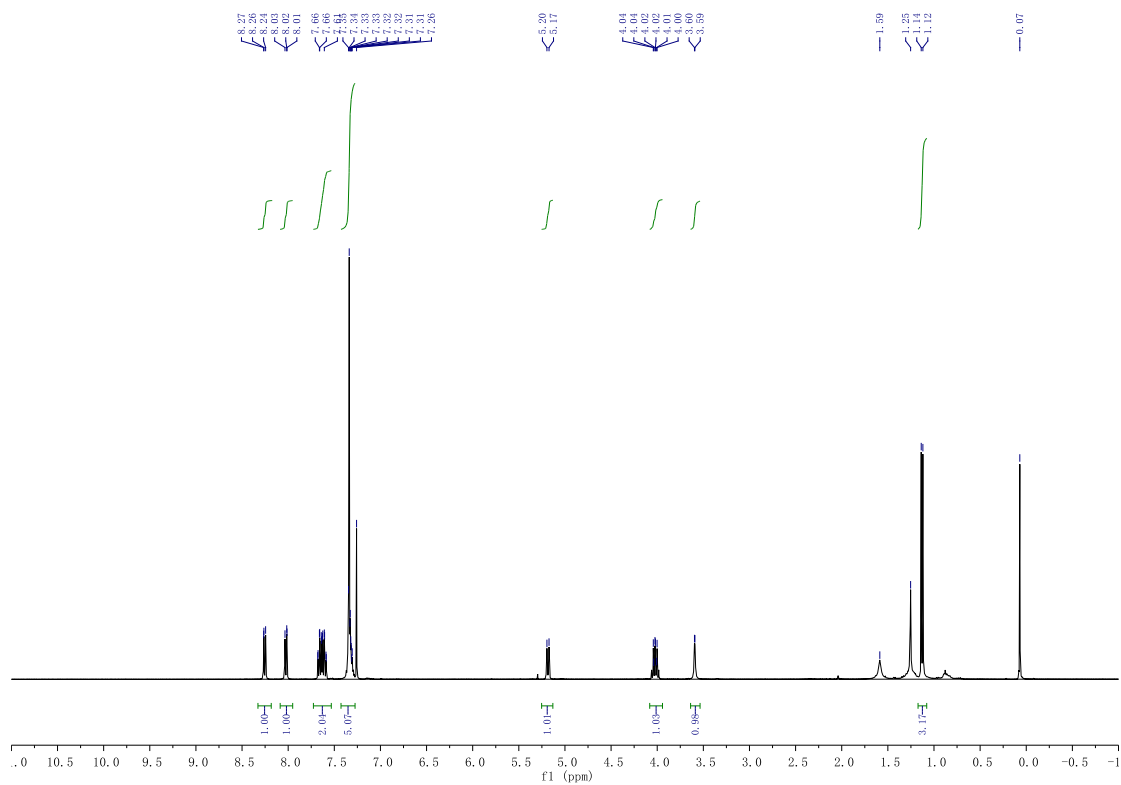


¹³C NMR

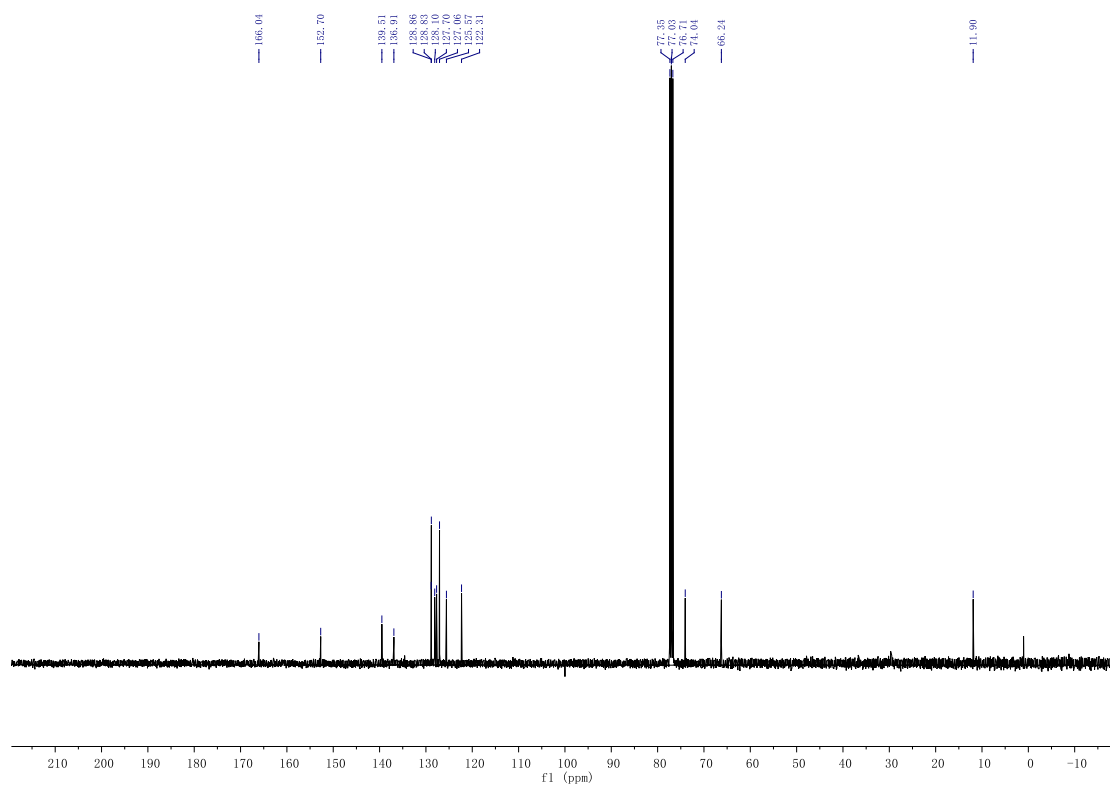


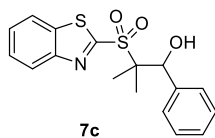


¹H NMR

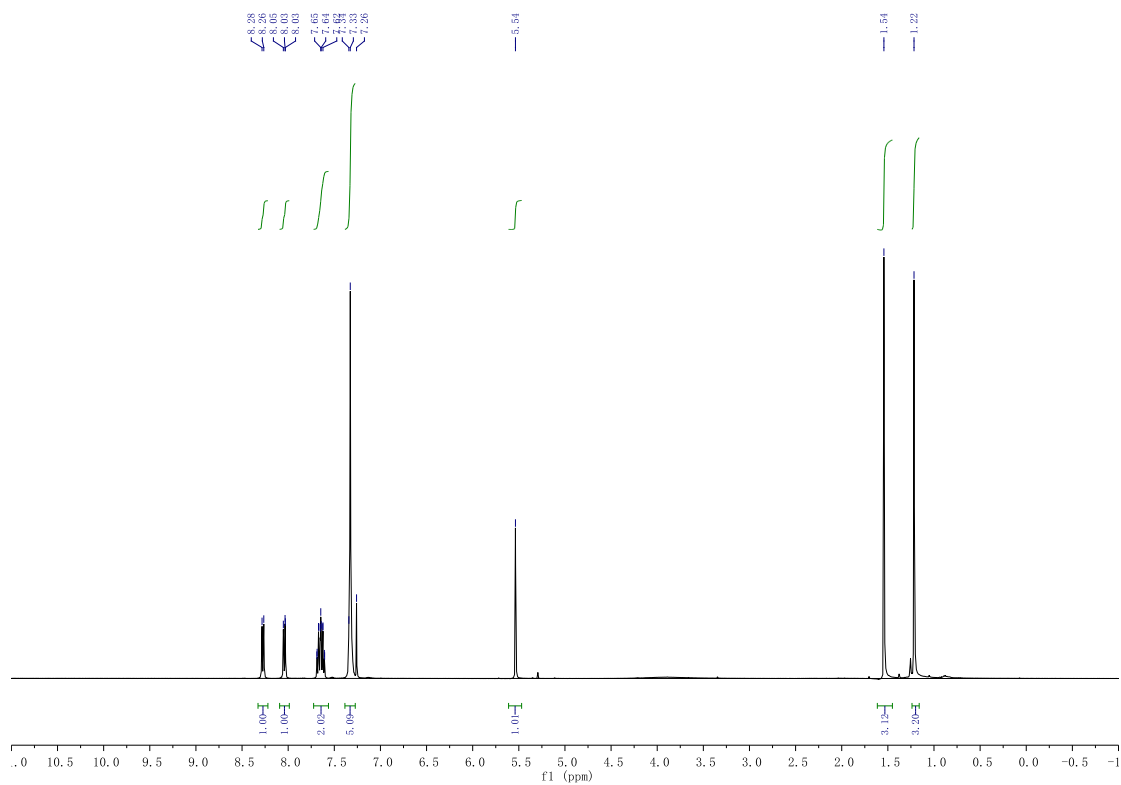


¹³C NMR

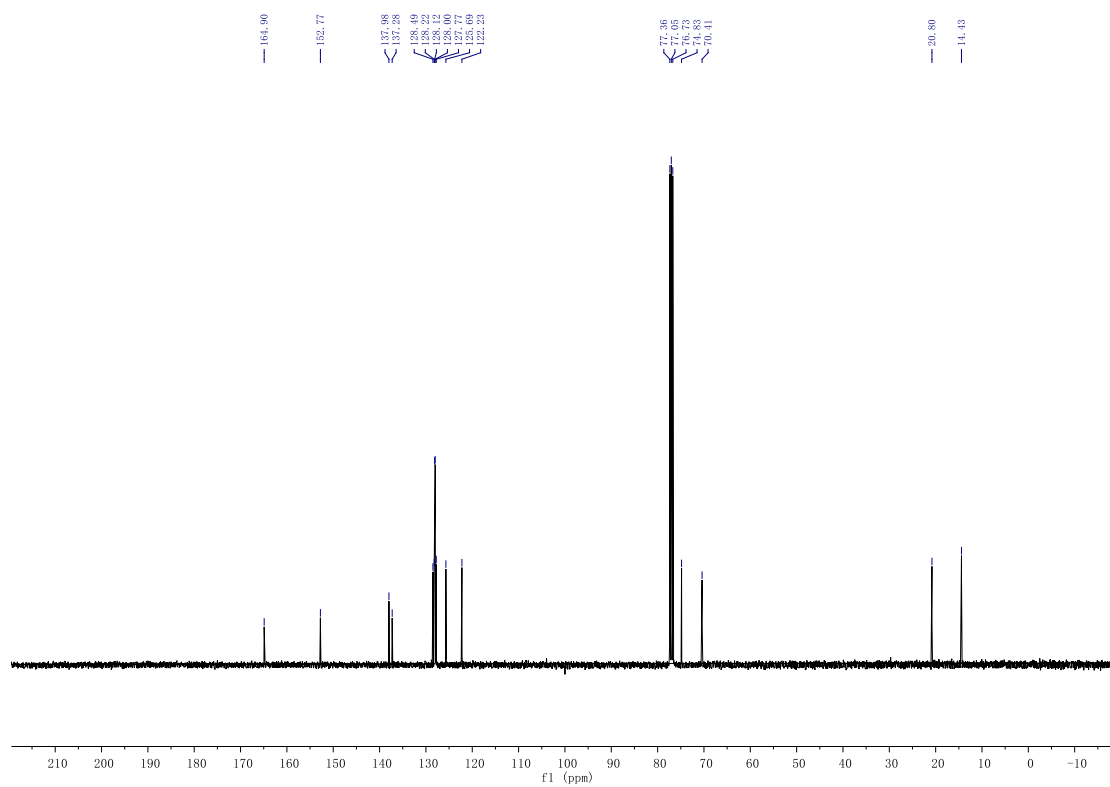


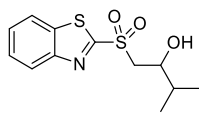


^1H NMR



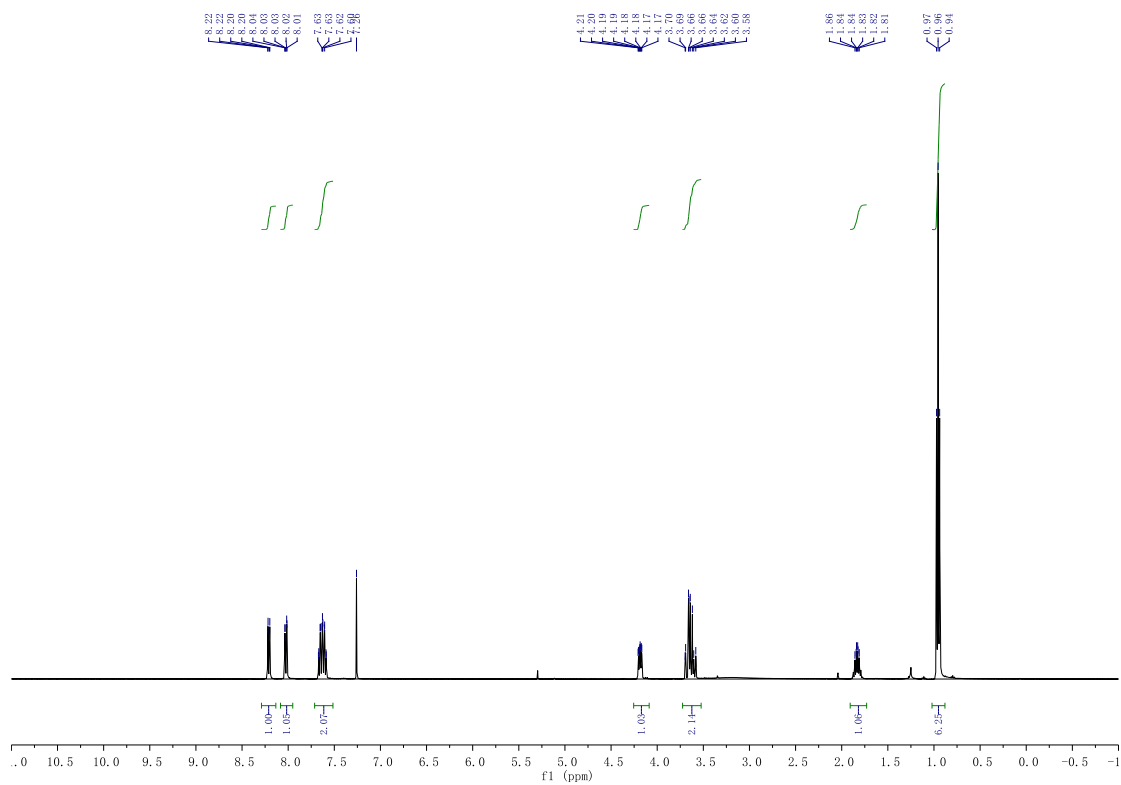
^{13}C NMR



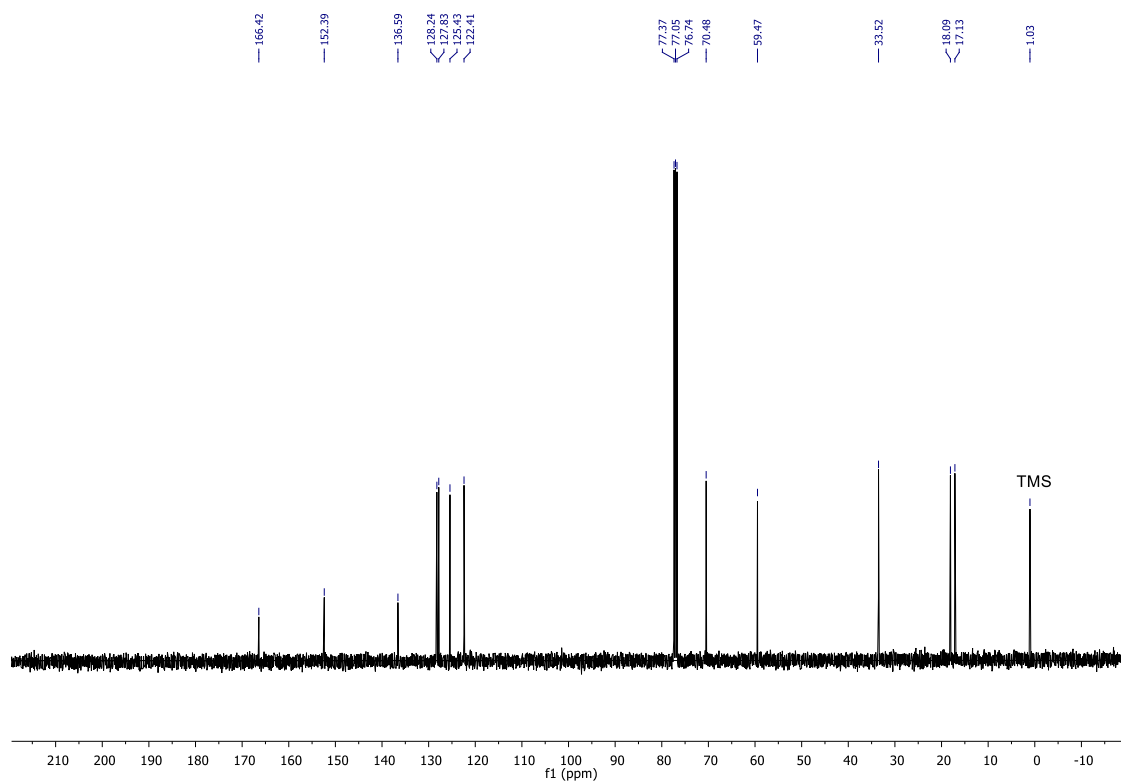


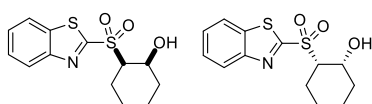
7d

^1H NMR



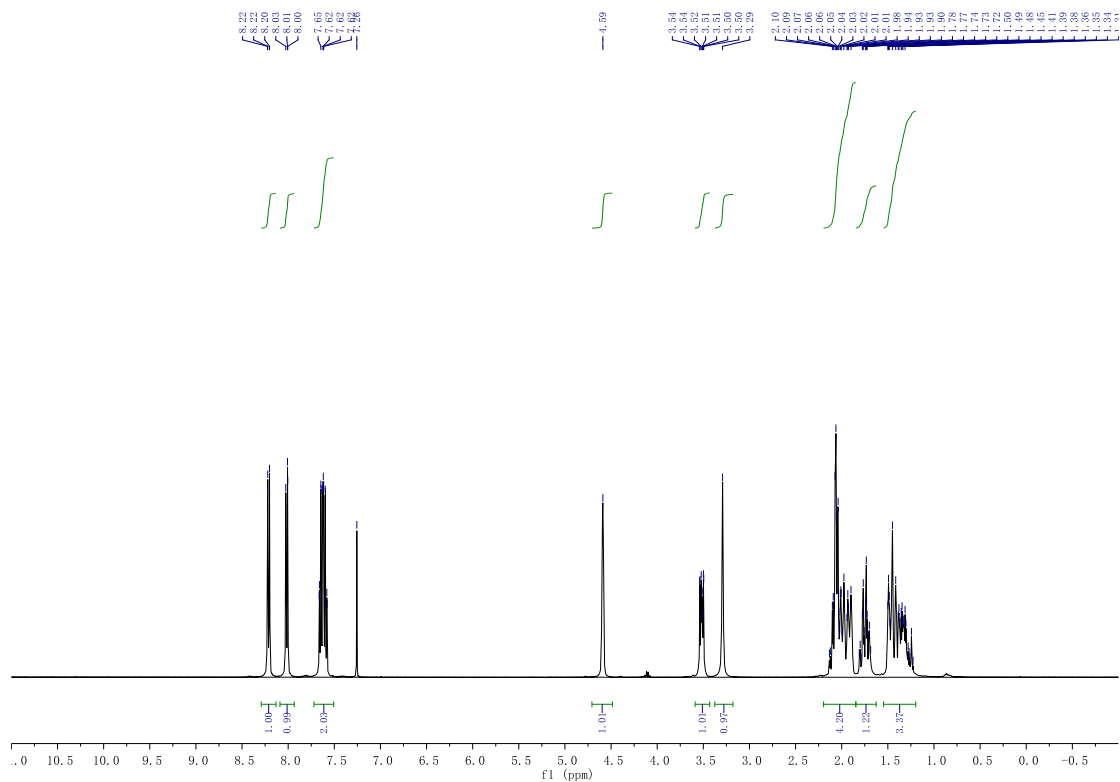
^{13}C NMR



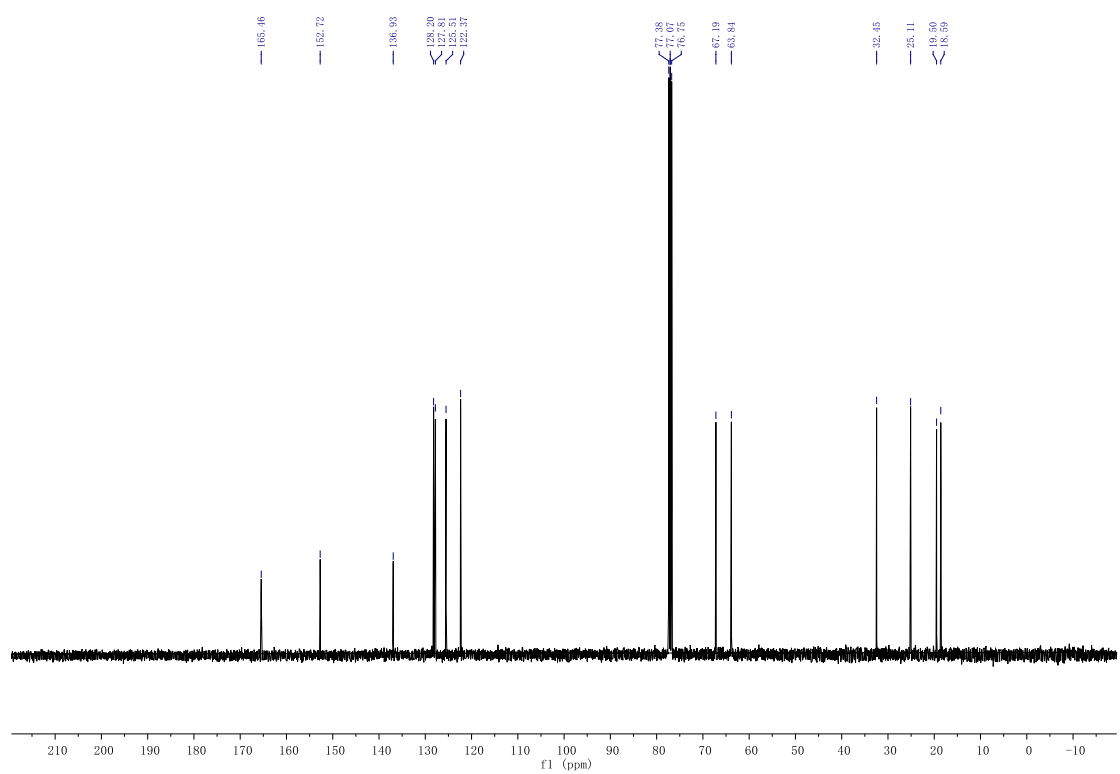


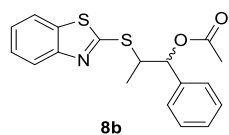
7e

^1H NMR

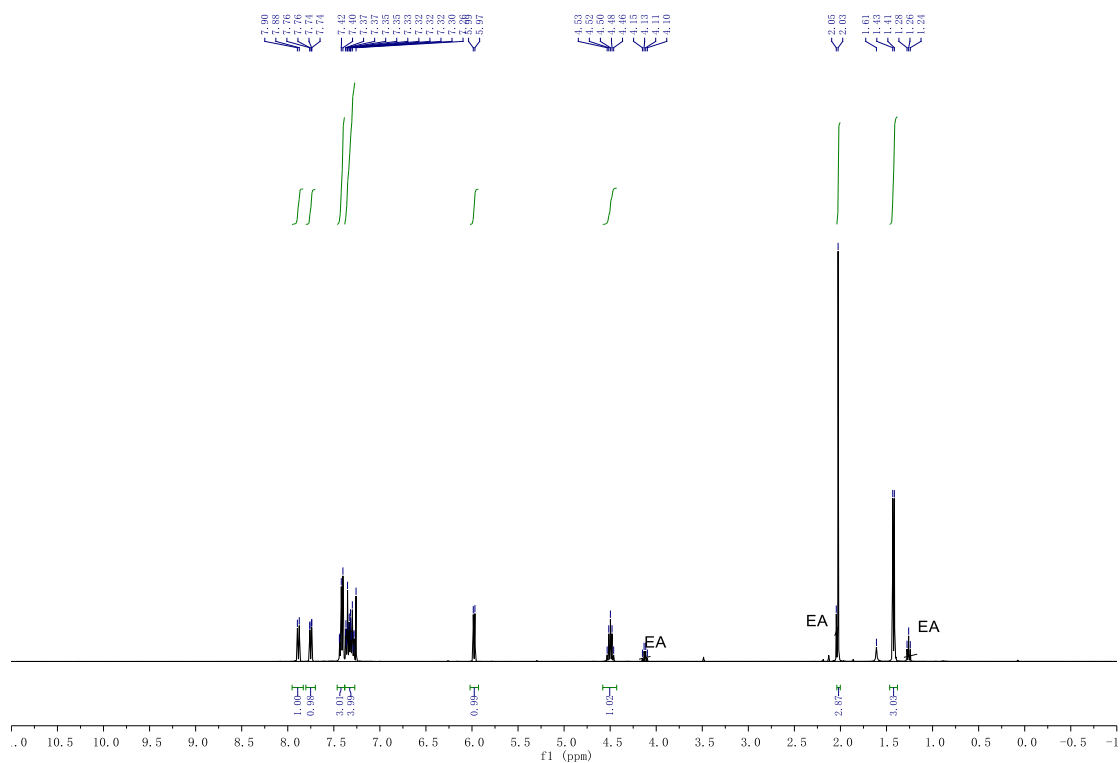


^{13}C NMR

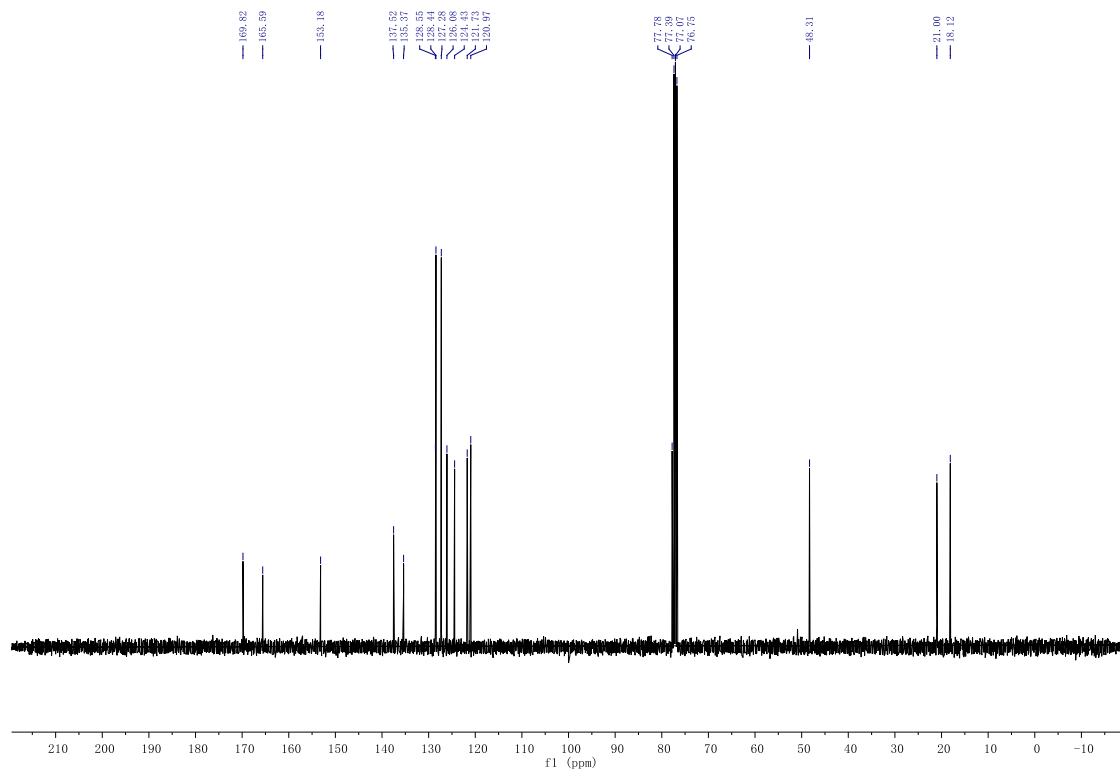


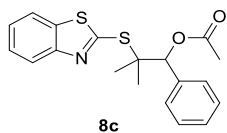


¹H NMR

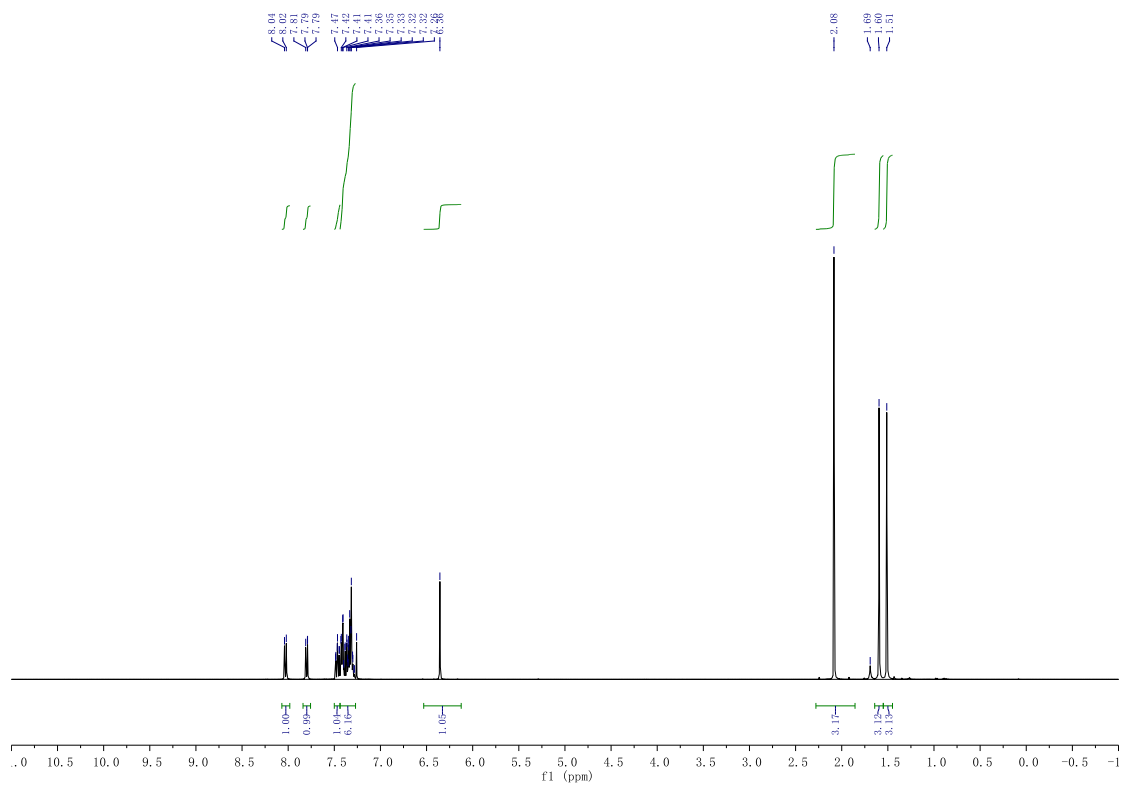


¹³C NMR

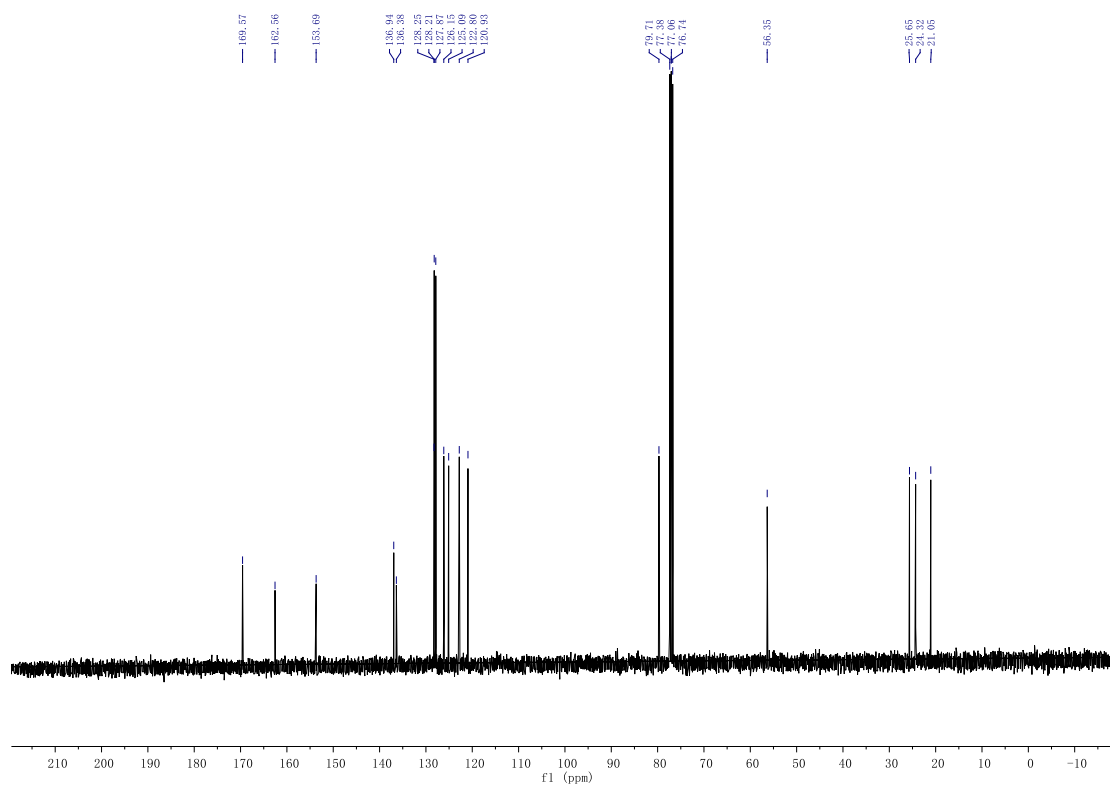


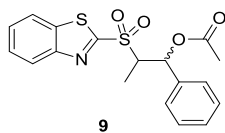


¹H NMR

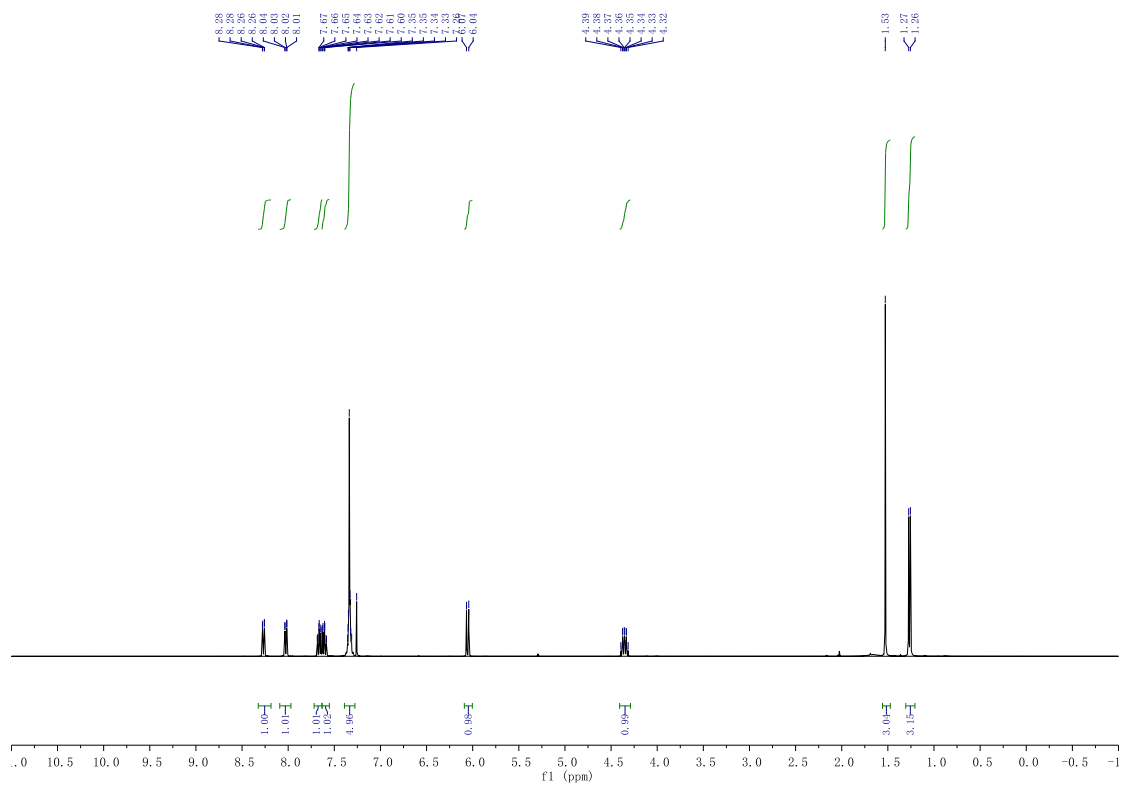


¹³C NMR

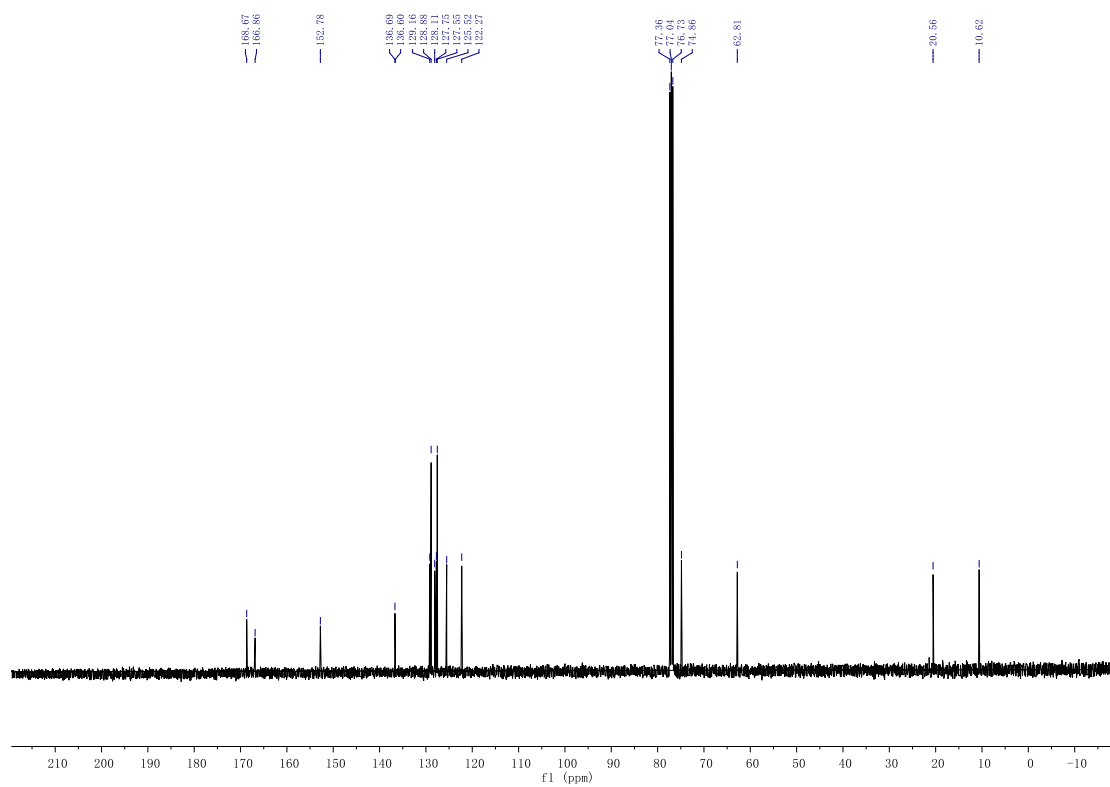


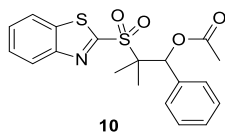


¹H NMR

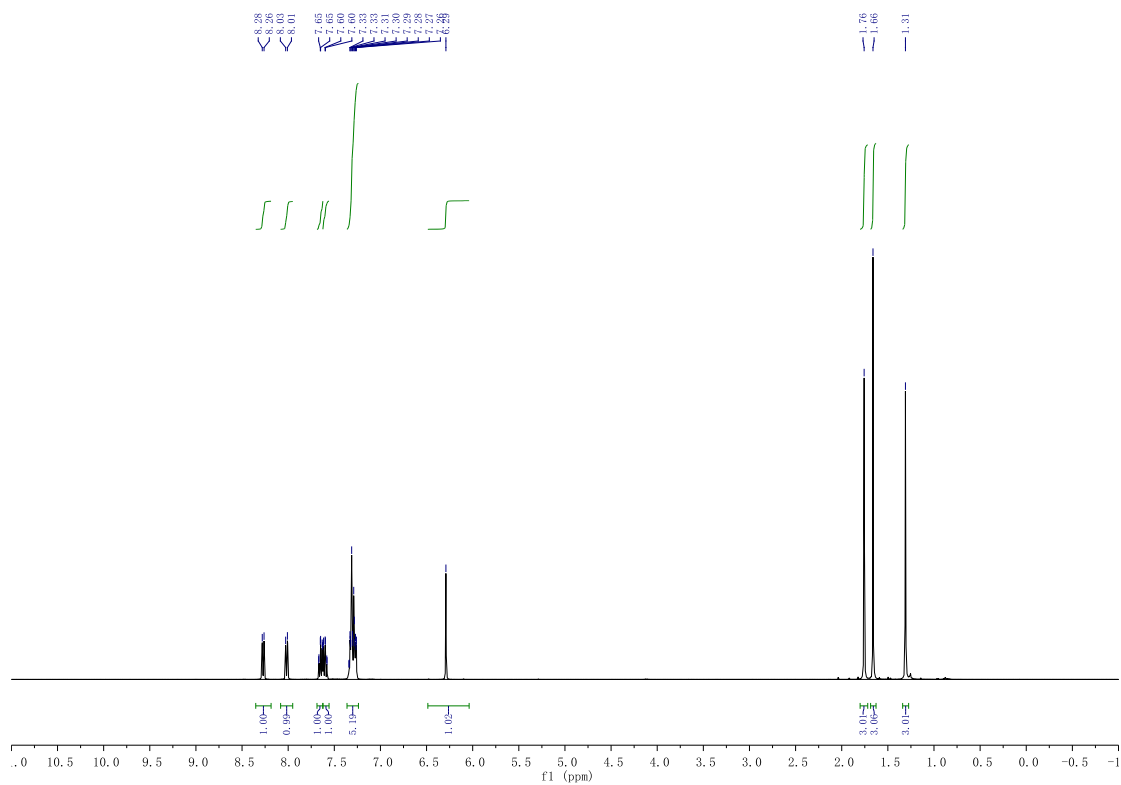


¹³C NMR

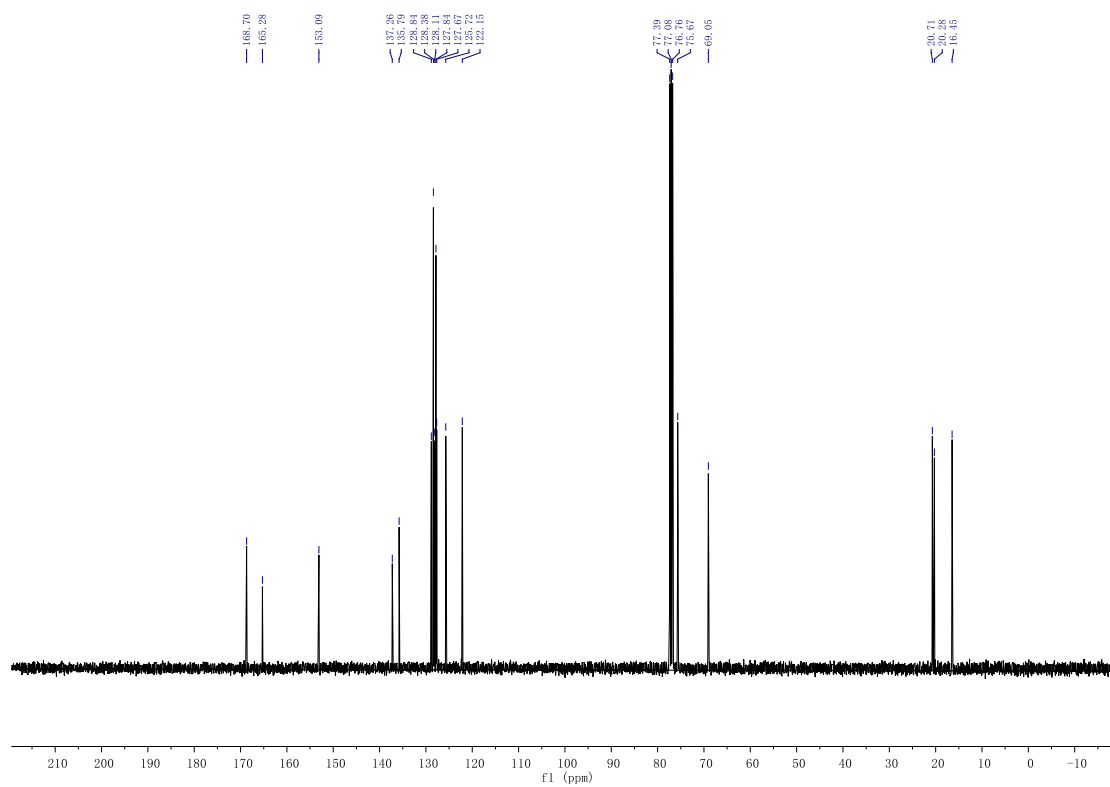


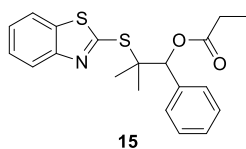


¹H NMR

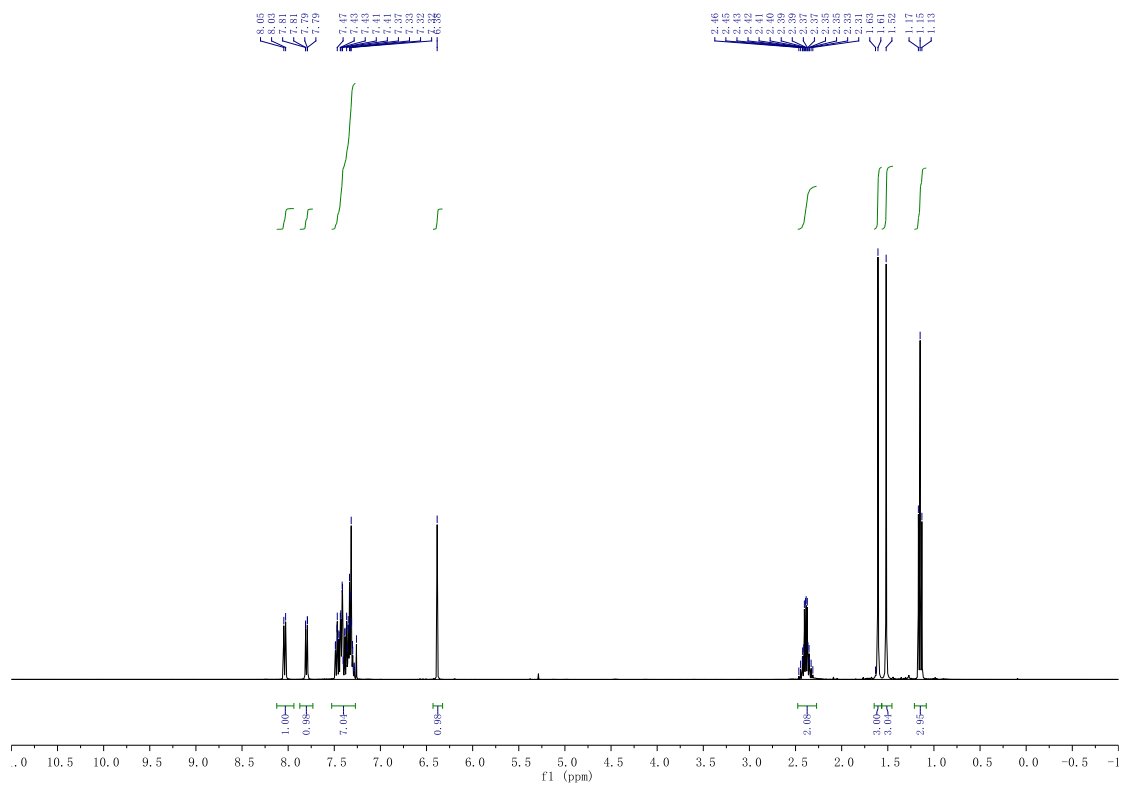


¹³C NMR

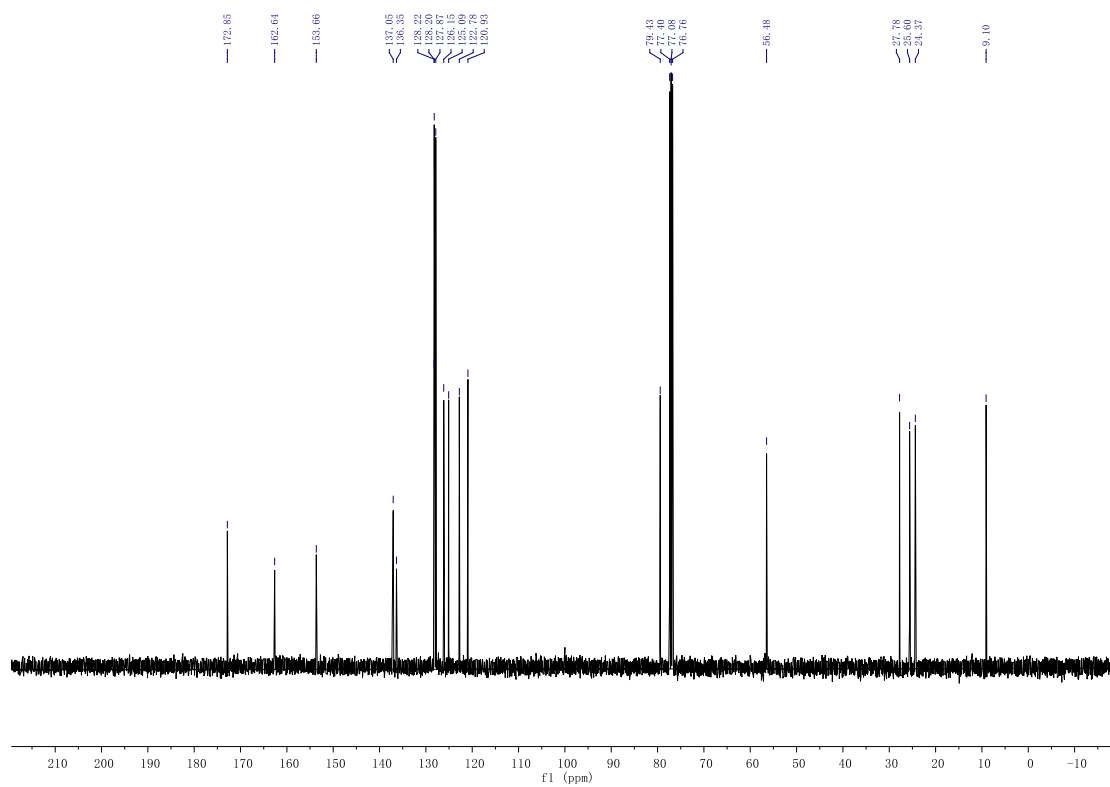


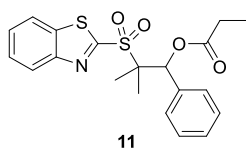


^1H NMR

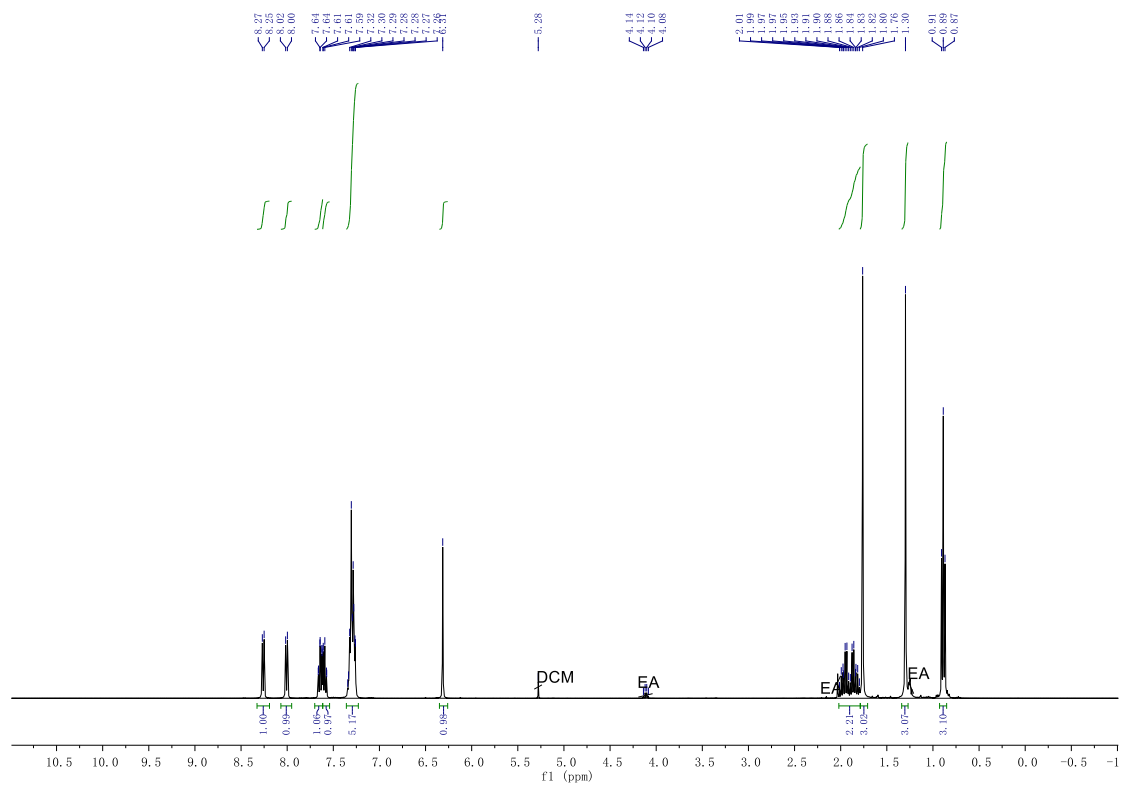


^{13}C NMR

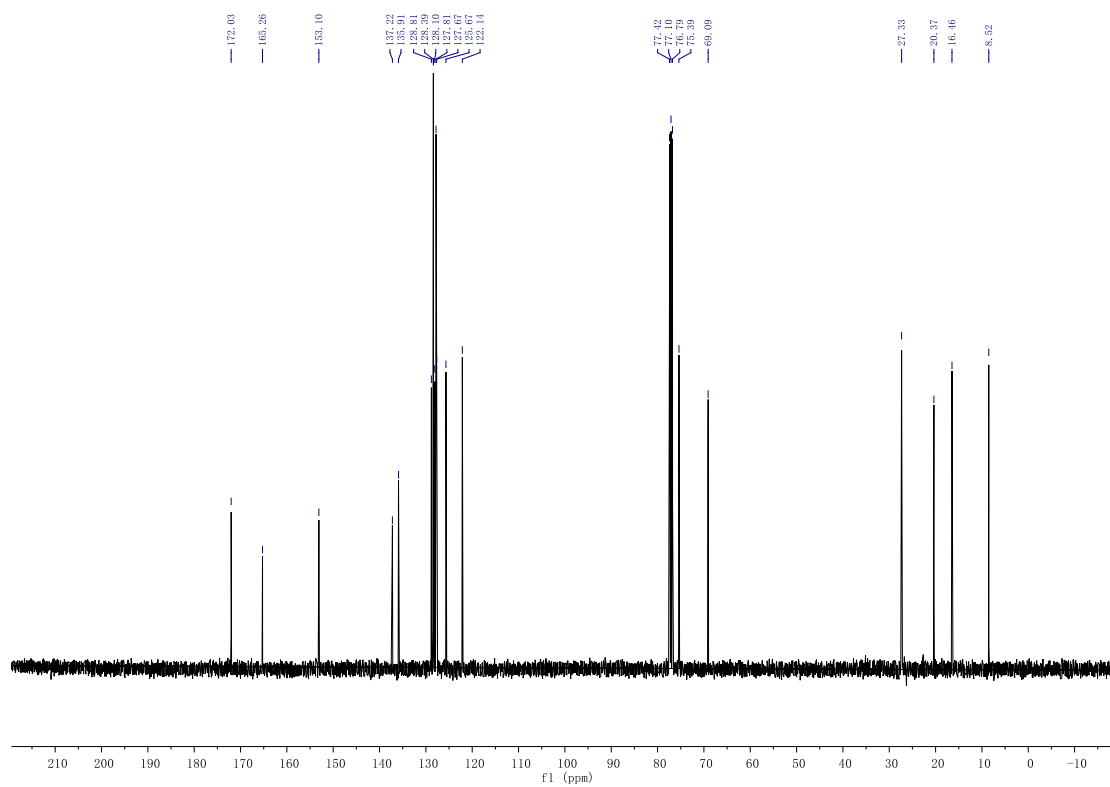


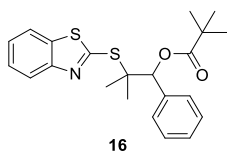


¹H NMR

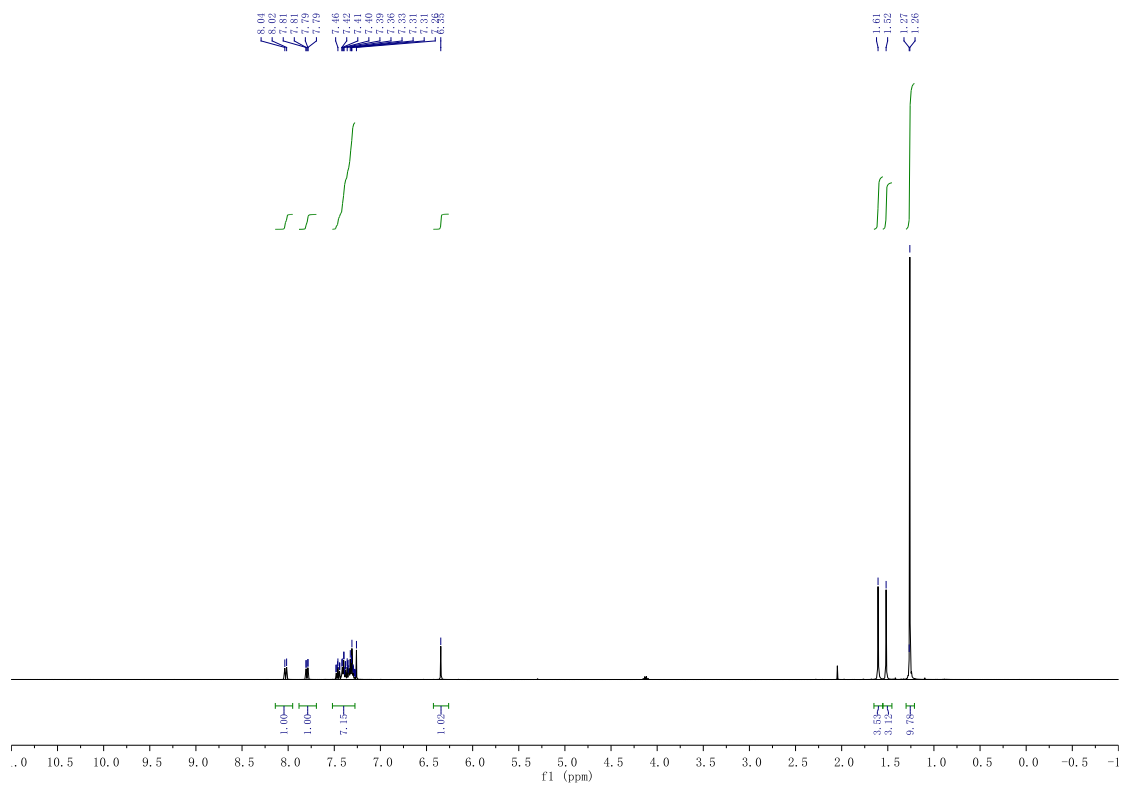


¹³C NMR

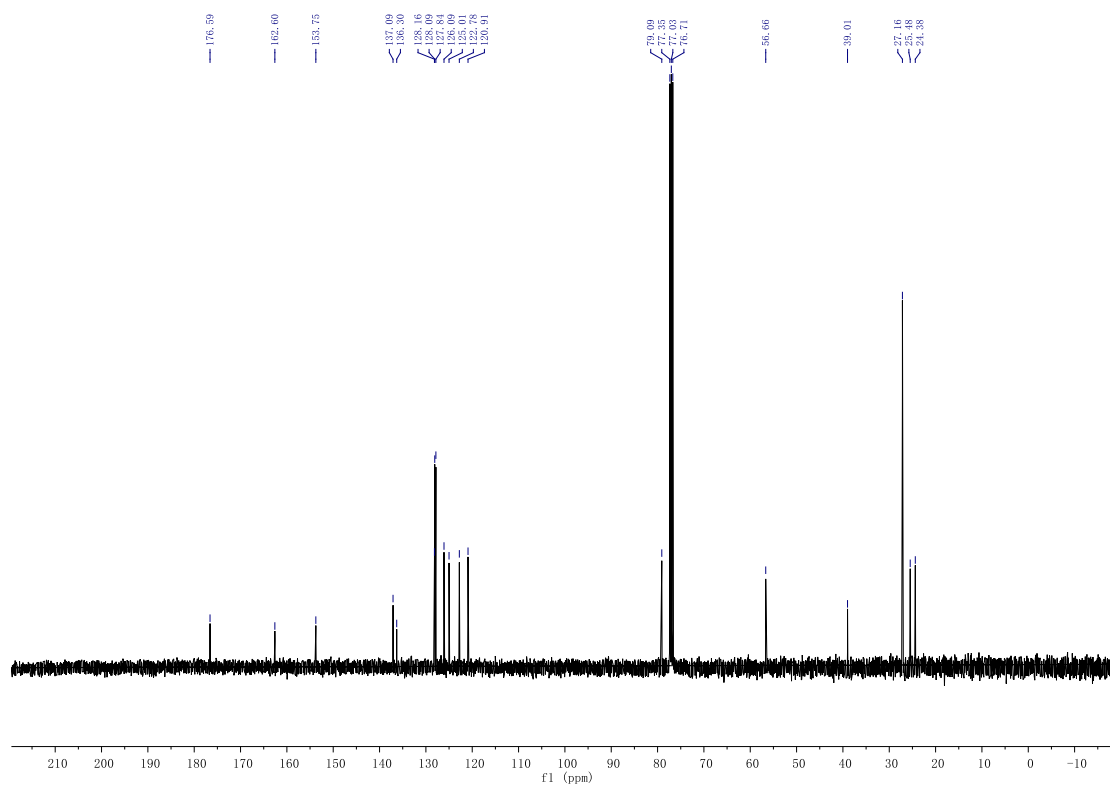


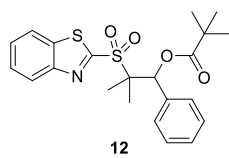


¹H NMR

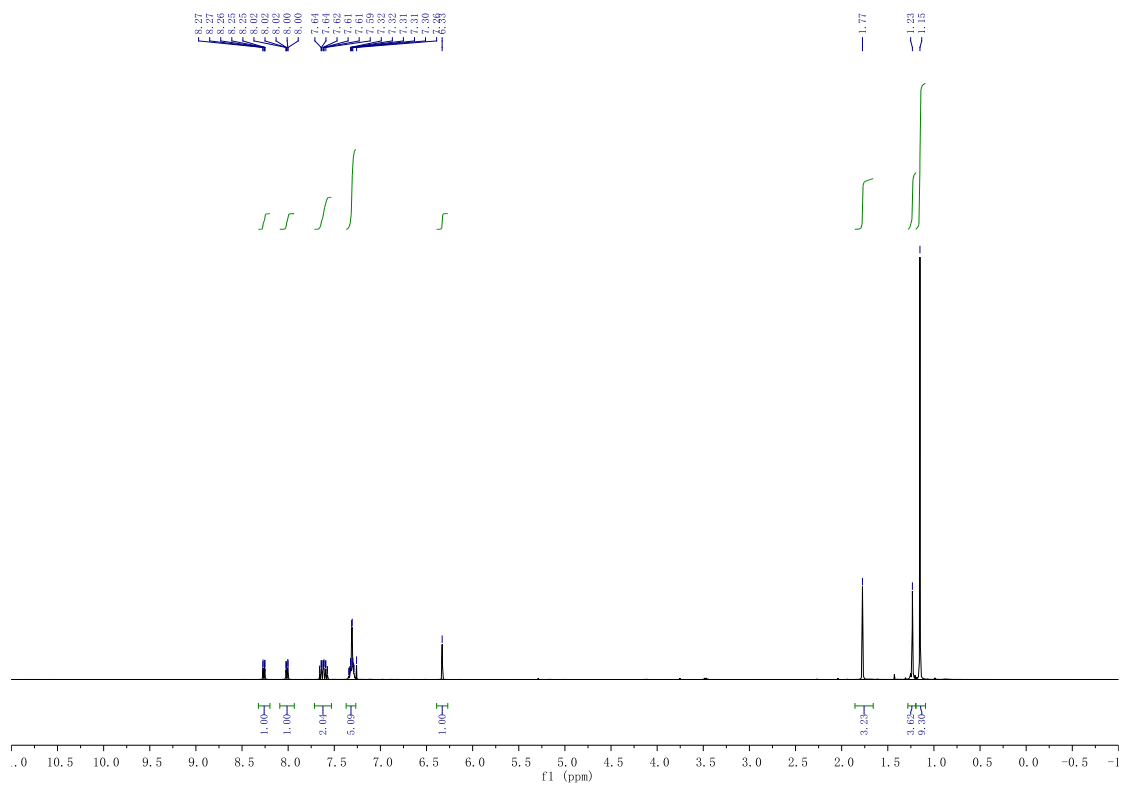


¹³C NMR

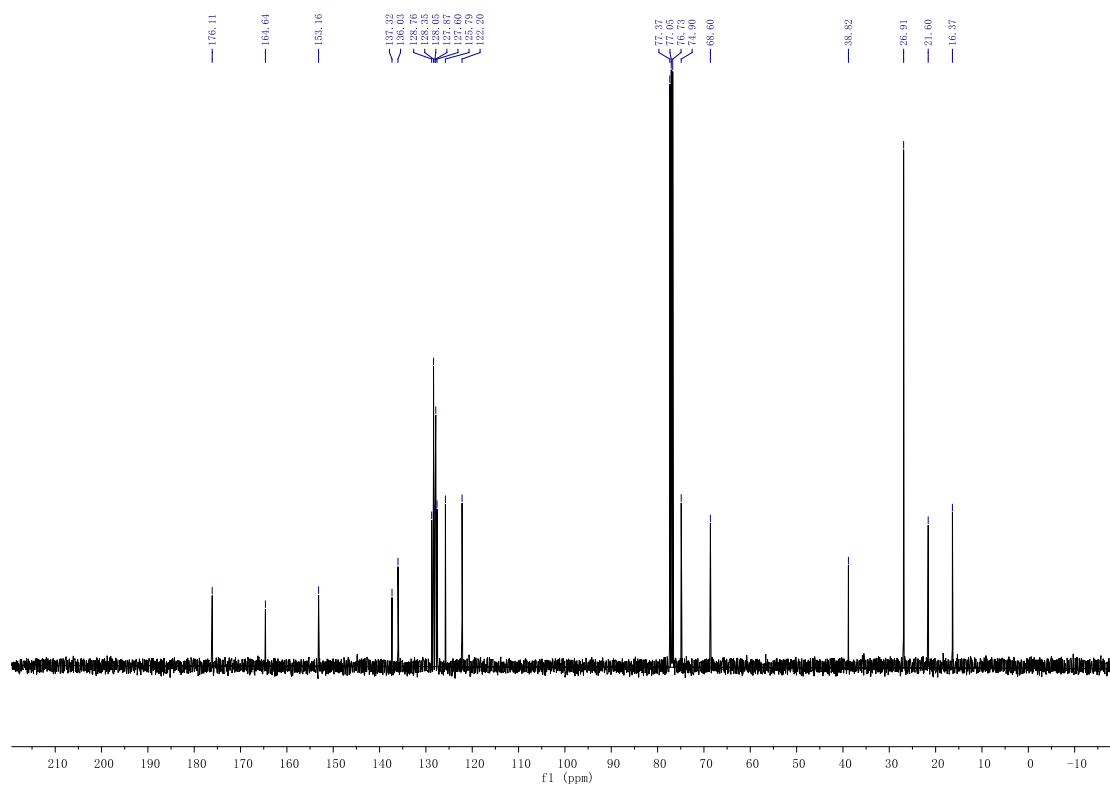


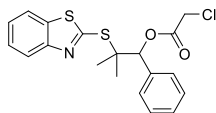


¹H NMR



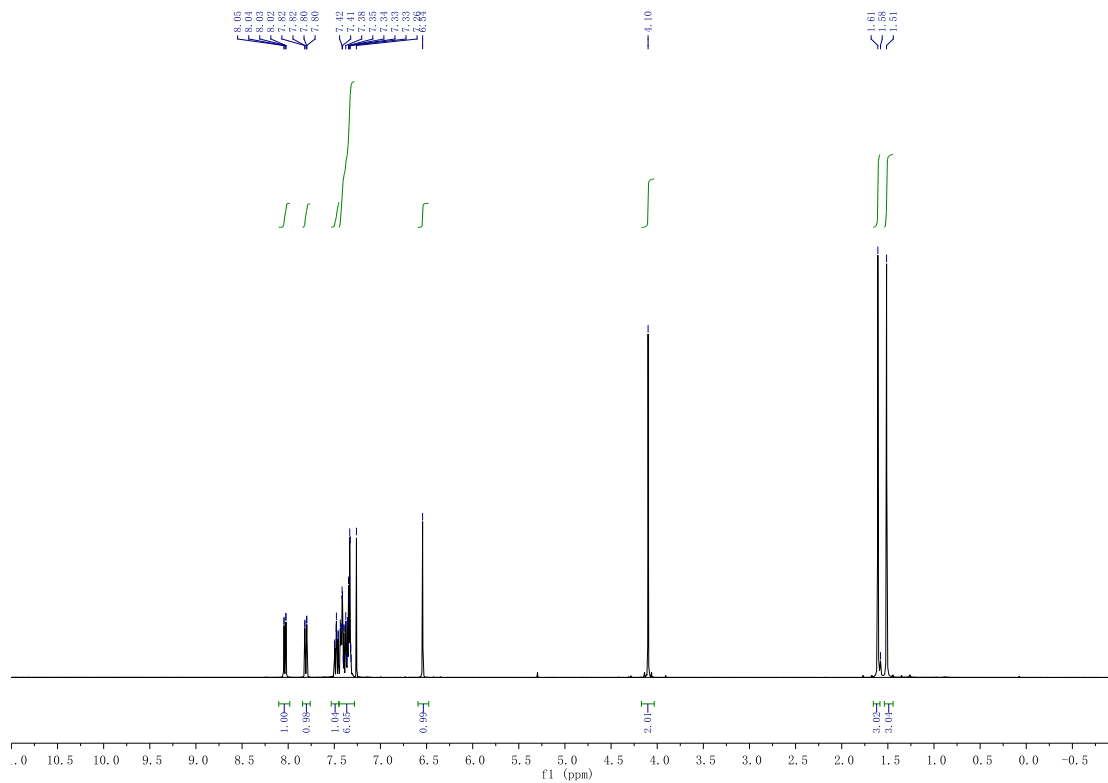
¹³C NMR



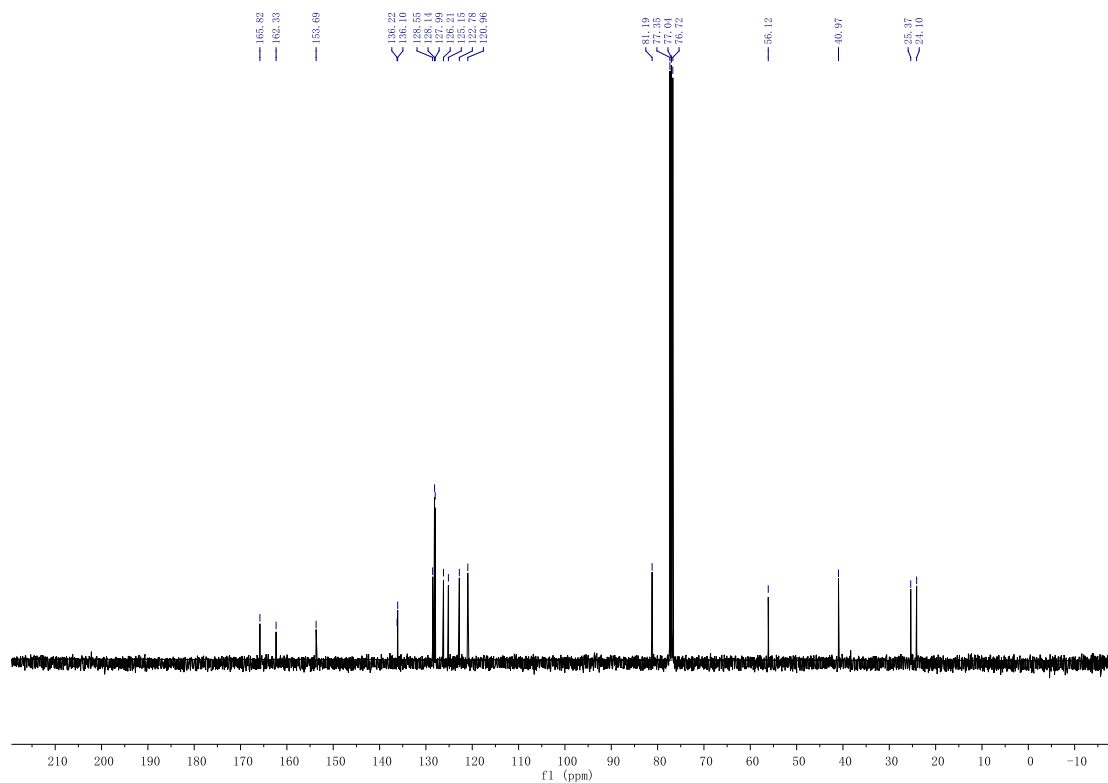


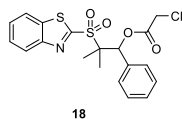
17

^1H NMR

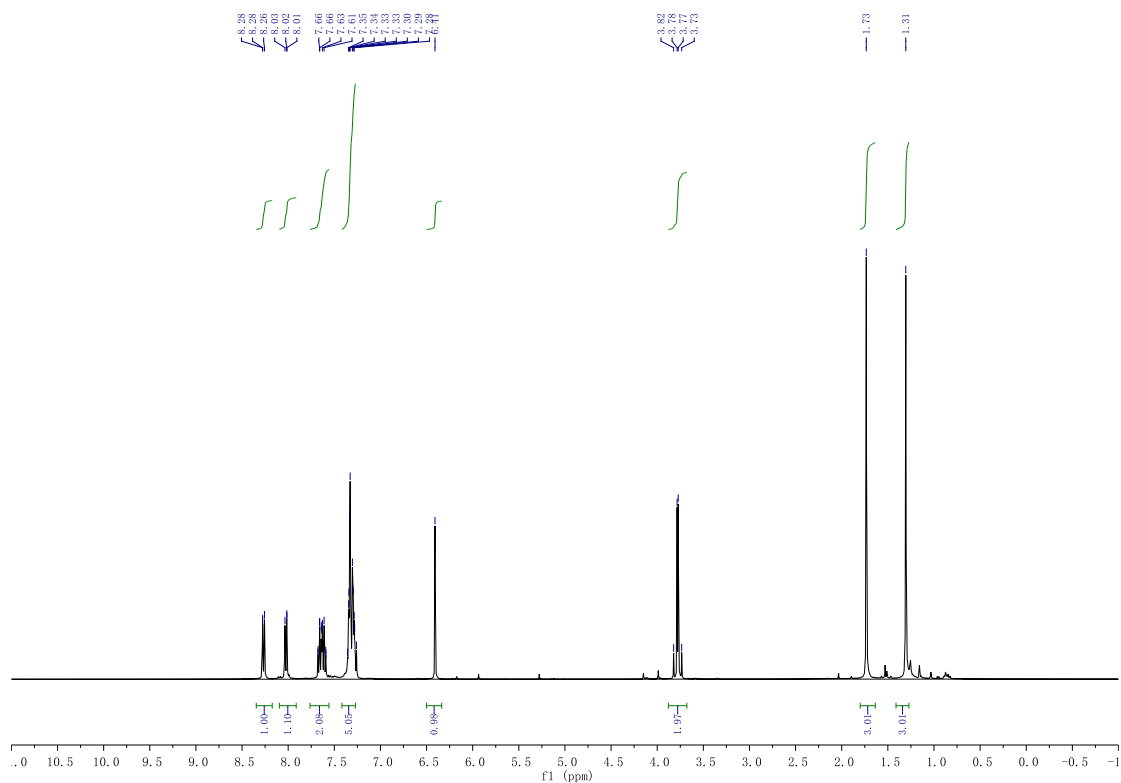


^{13}C NMR





¹H NMR



¹³C NMR

