

Supplemental information

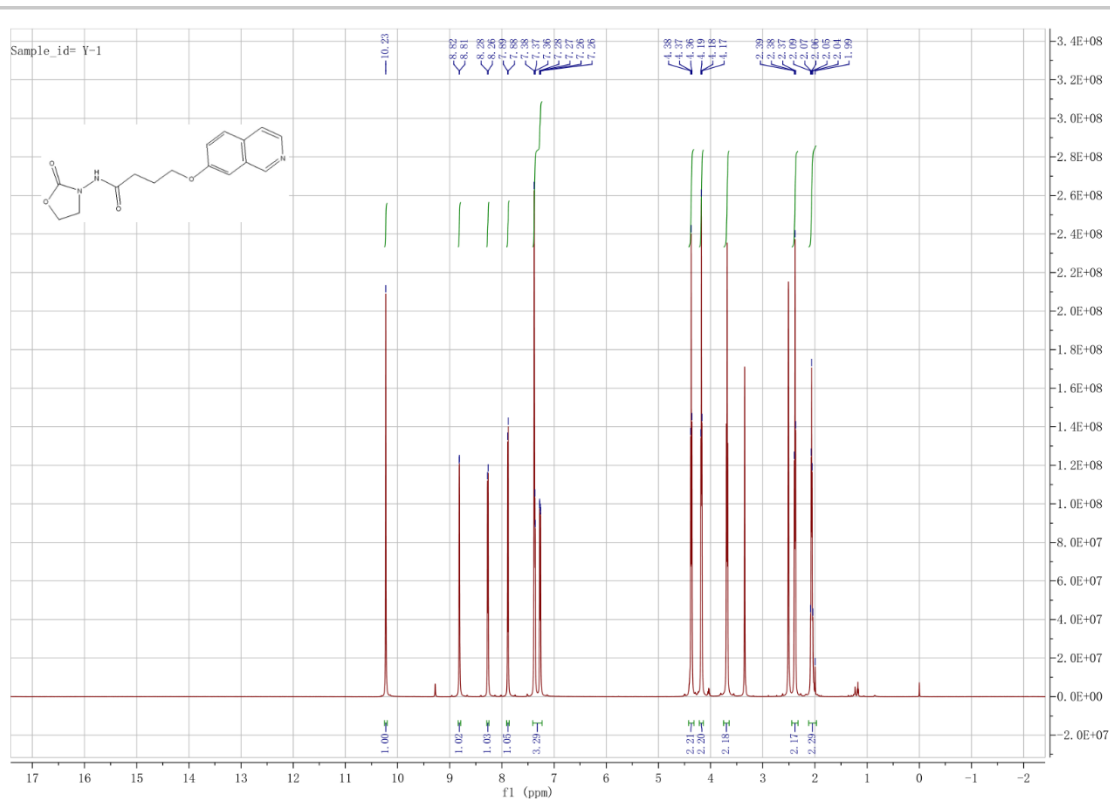
Design, synthesis, and biological evaluation of the quorum-sensing inhibitors of *Pseudomonas aeruginosa* PAO1

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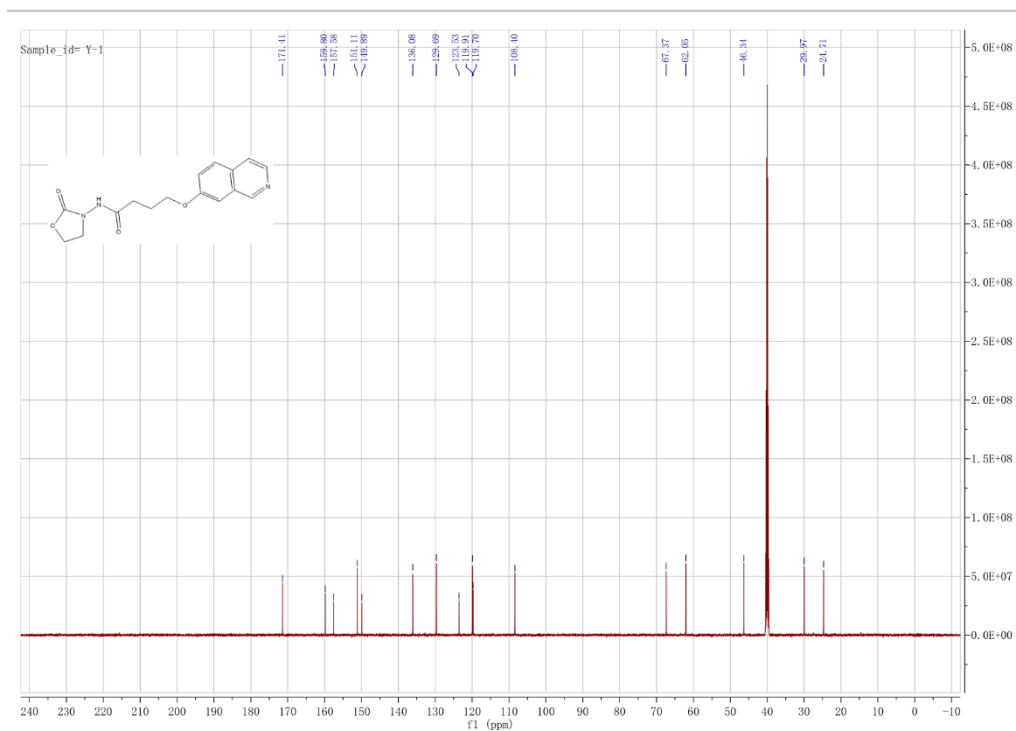
2 School of Pharmaceutical Sciences, Jilin University, Changchun 130021, China; xingcheng21@mails.jlu.edu.cn (C.X.)

3 School of Life Sciences, Jilin University, Changchun, 130012, China; yuanyuanz21@mails.jlu.edu.cn (Y.Z)

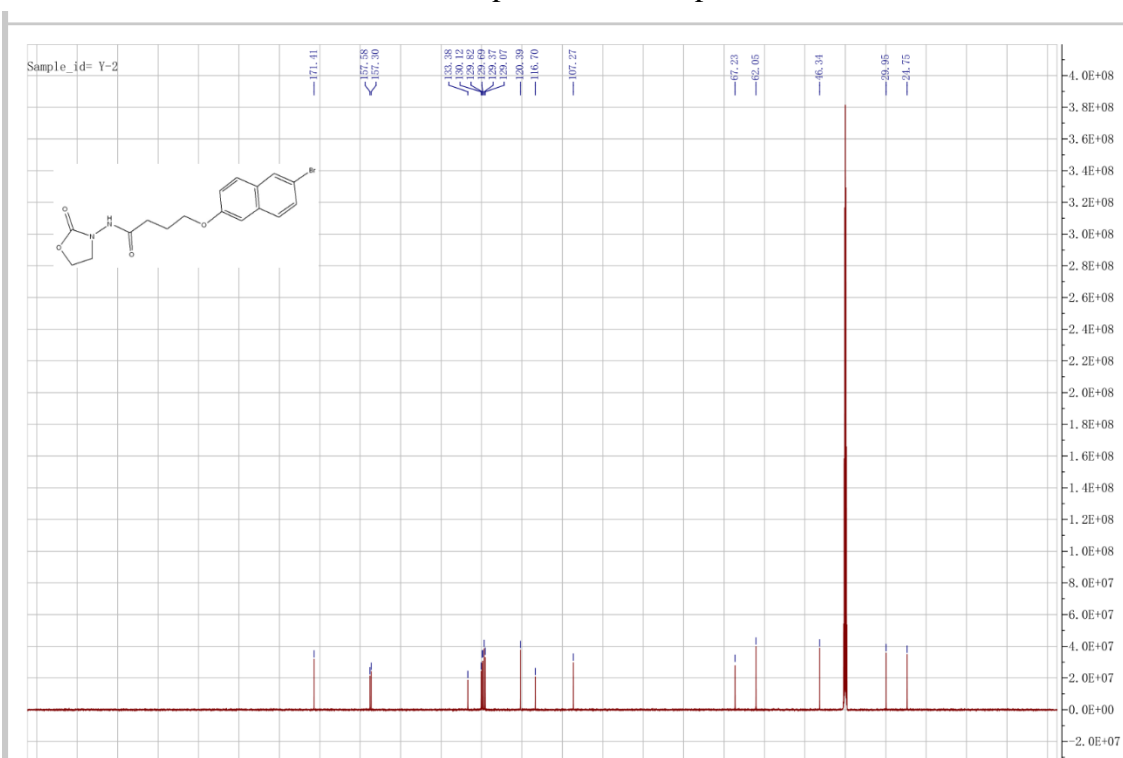
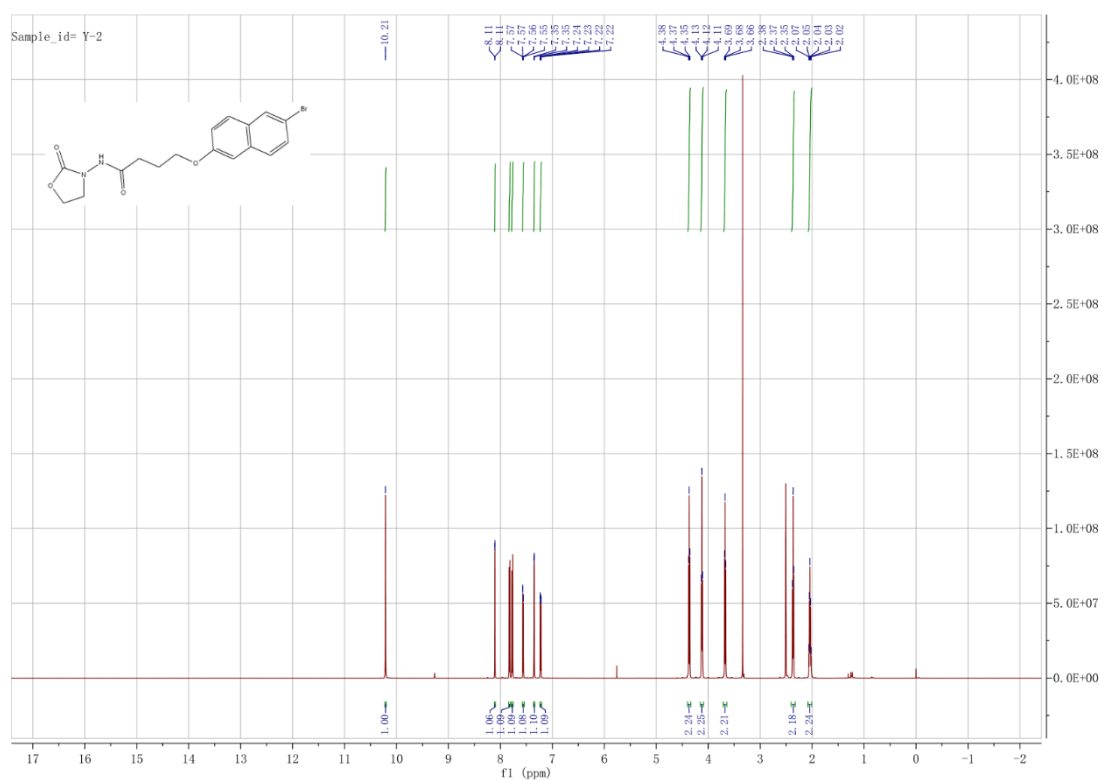
* Correspondence: xiaojunhai@139.com (J.X); Tel.:01066931634

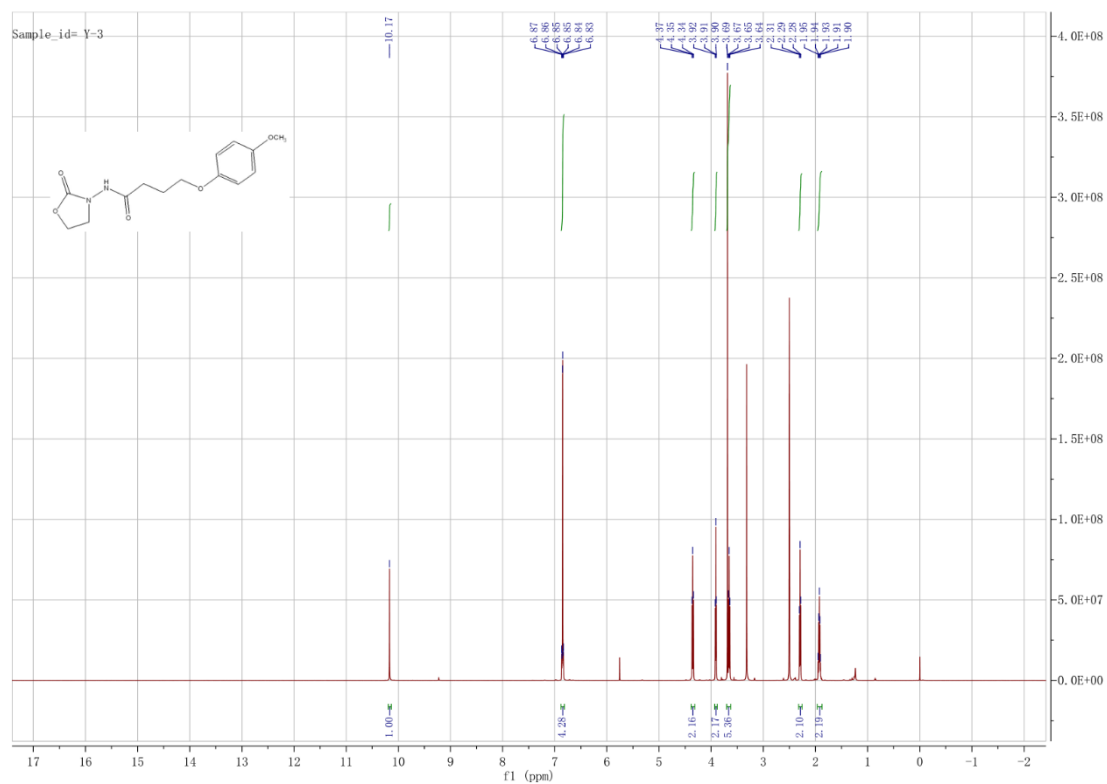


The ^1H -NMR spectrum of compound Y-1

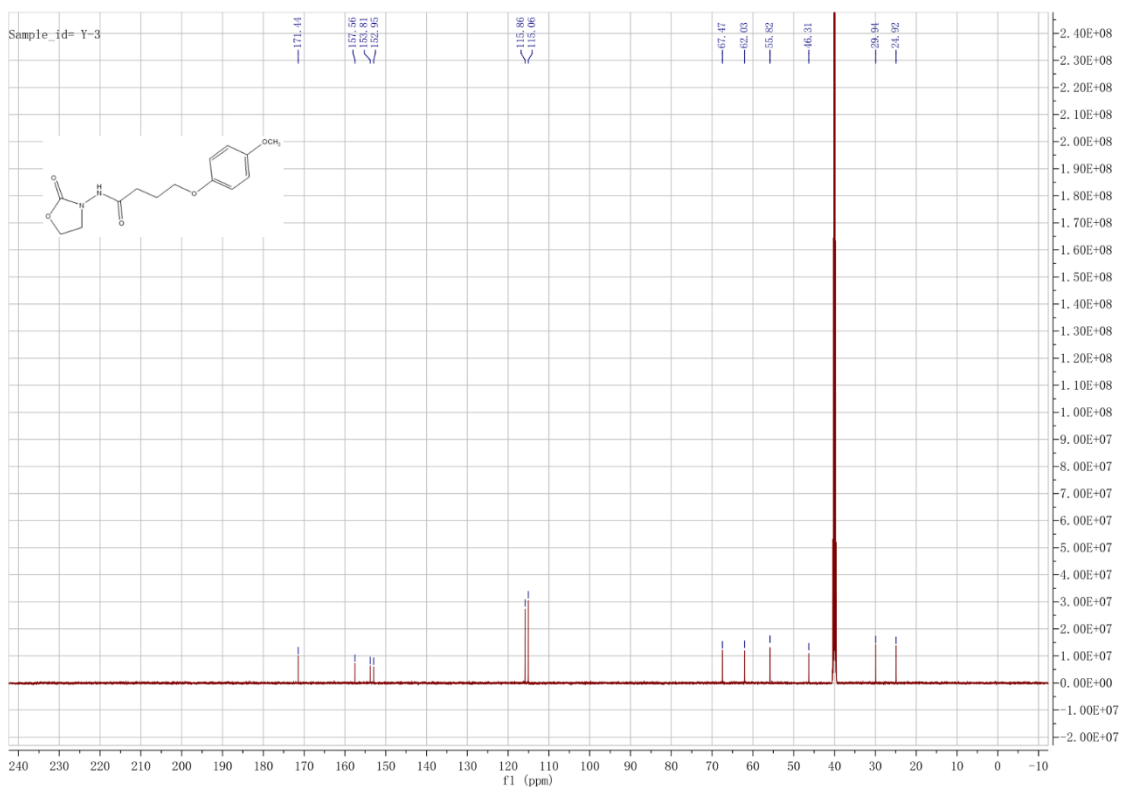


The ^{13}C NMR spectrum of compound Y-1

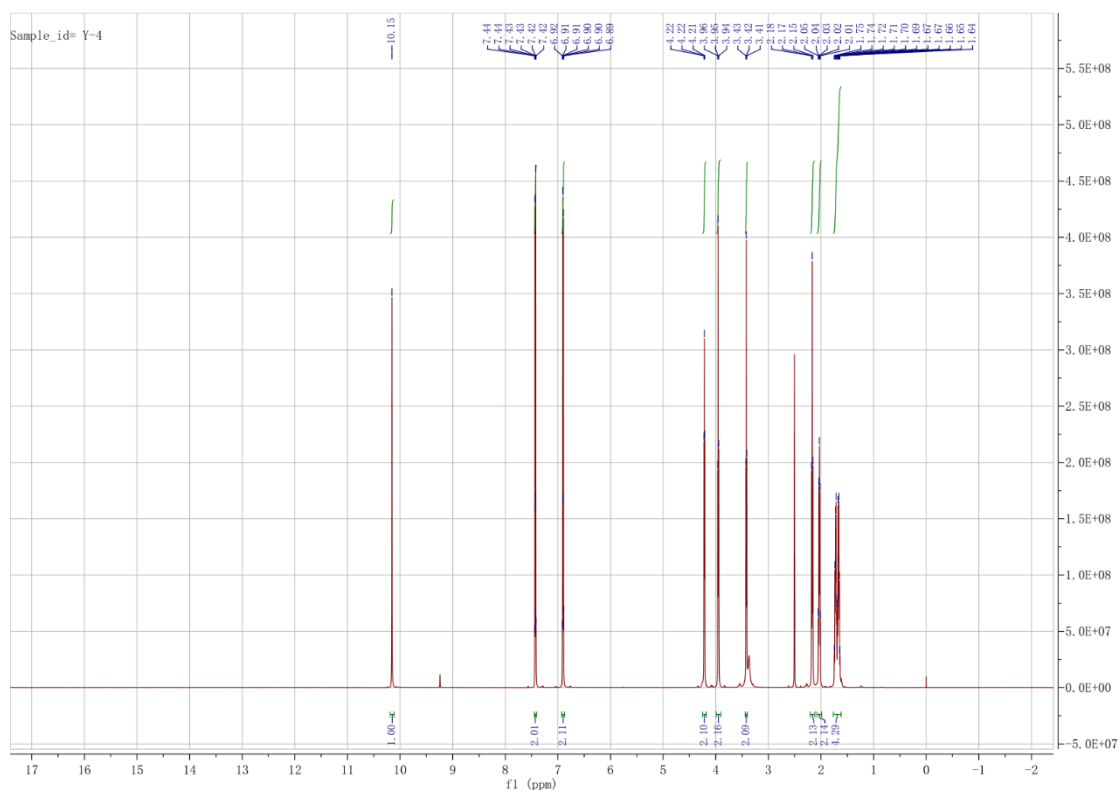




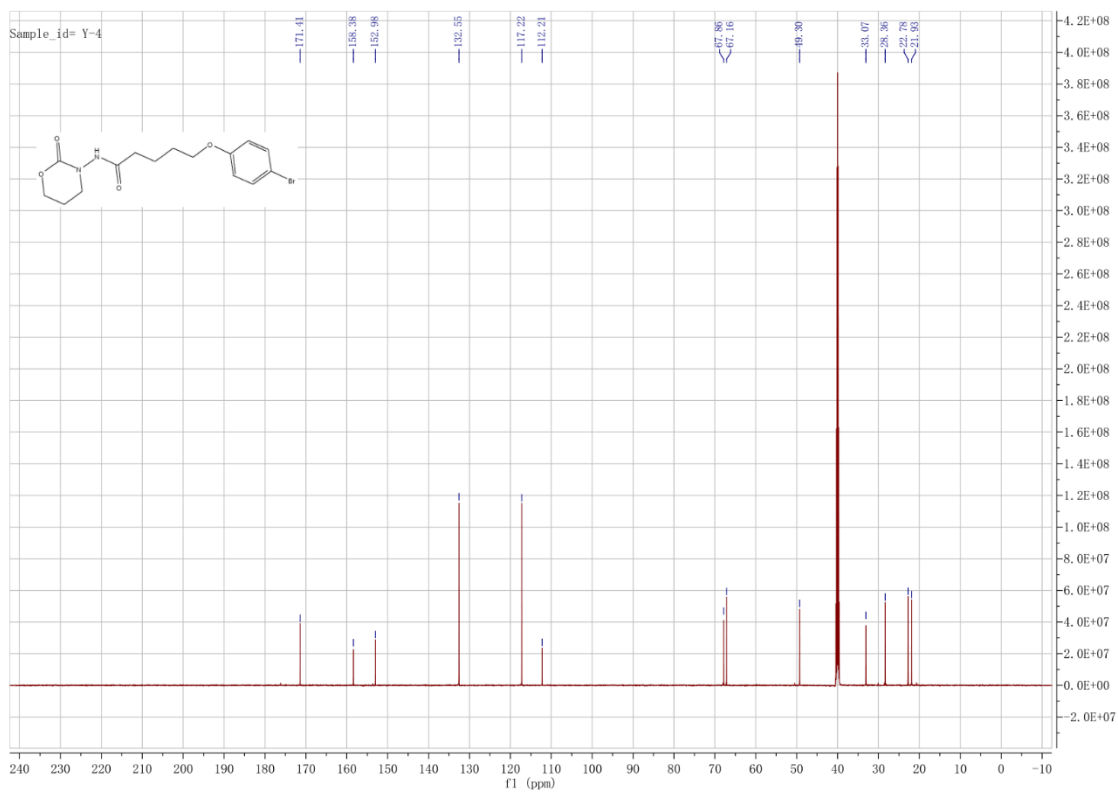
The ^1H -NMR spectrum of compound Y-3



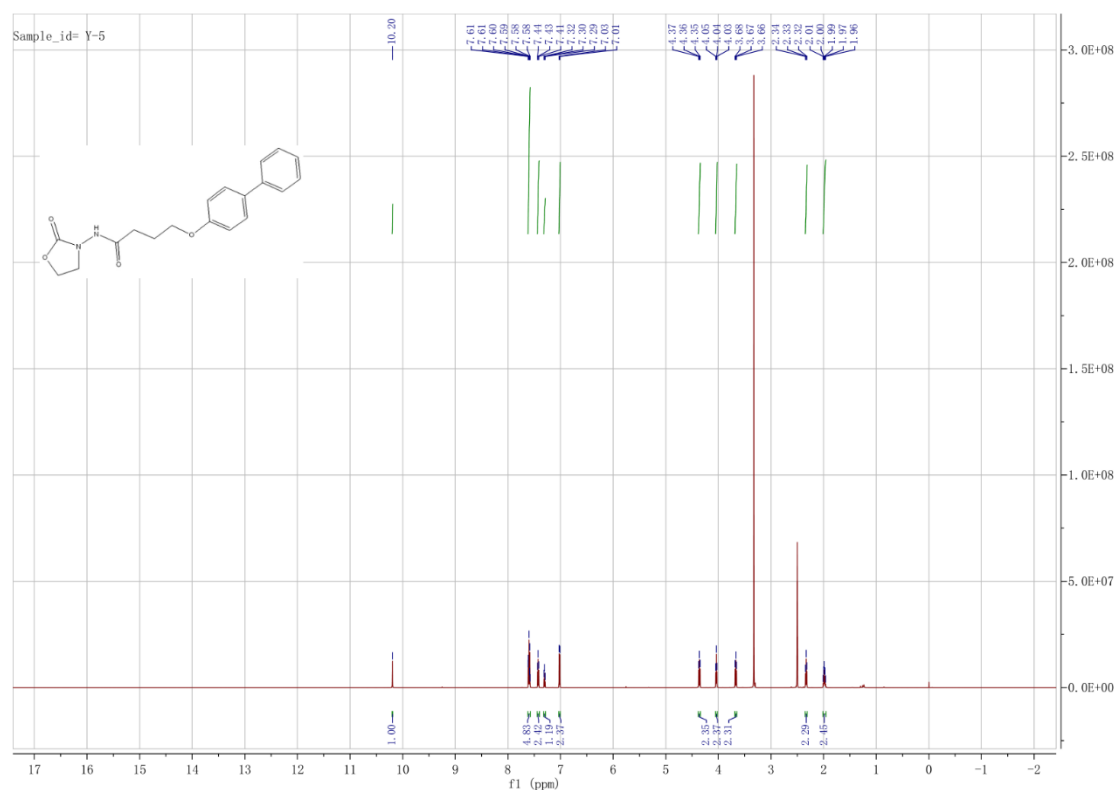
The ^{13}C NMR spectrum of compound Y-3



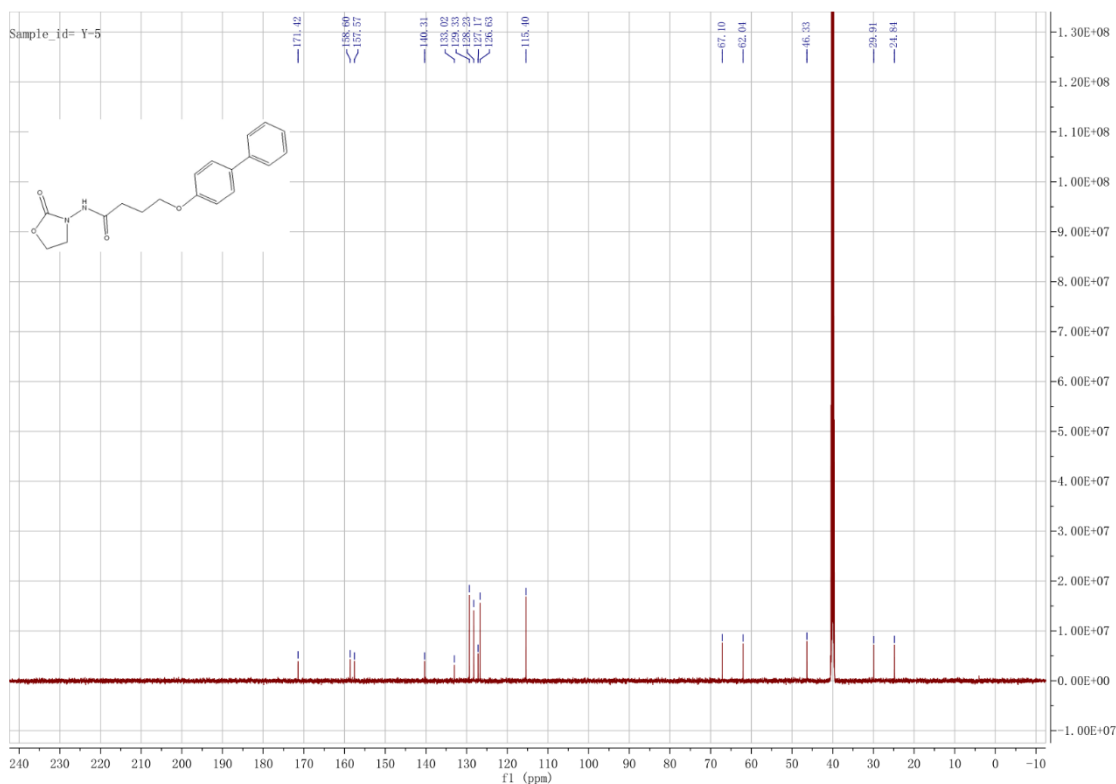
The ^1H -NMR spectrum of compound Y-4



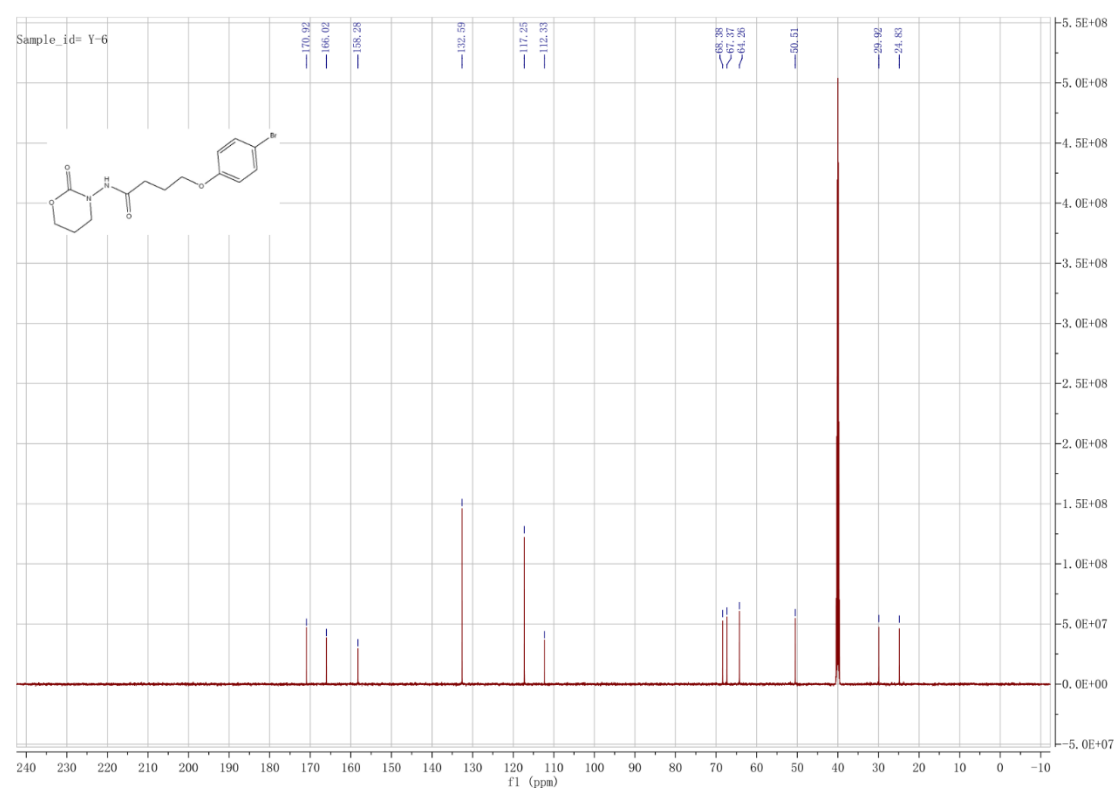
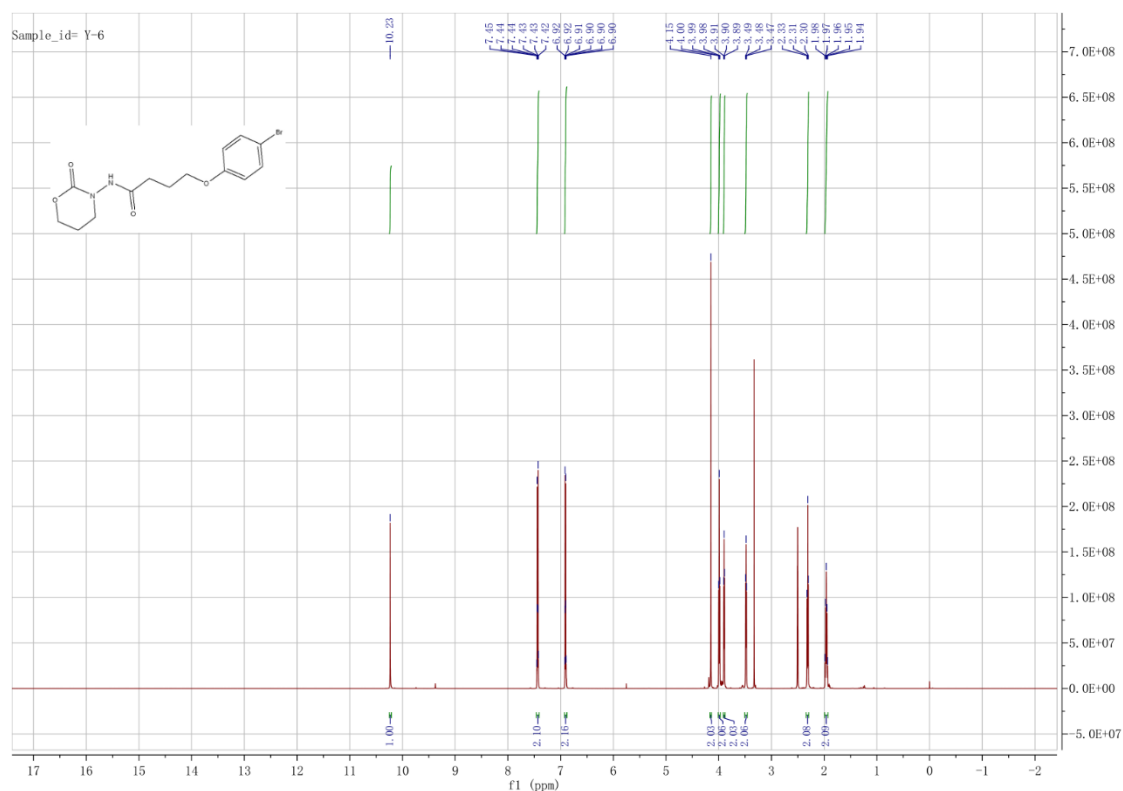
The ^{13}C NMR spectrum of compound Y-4

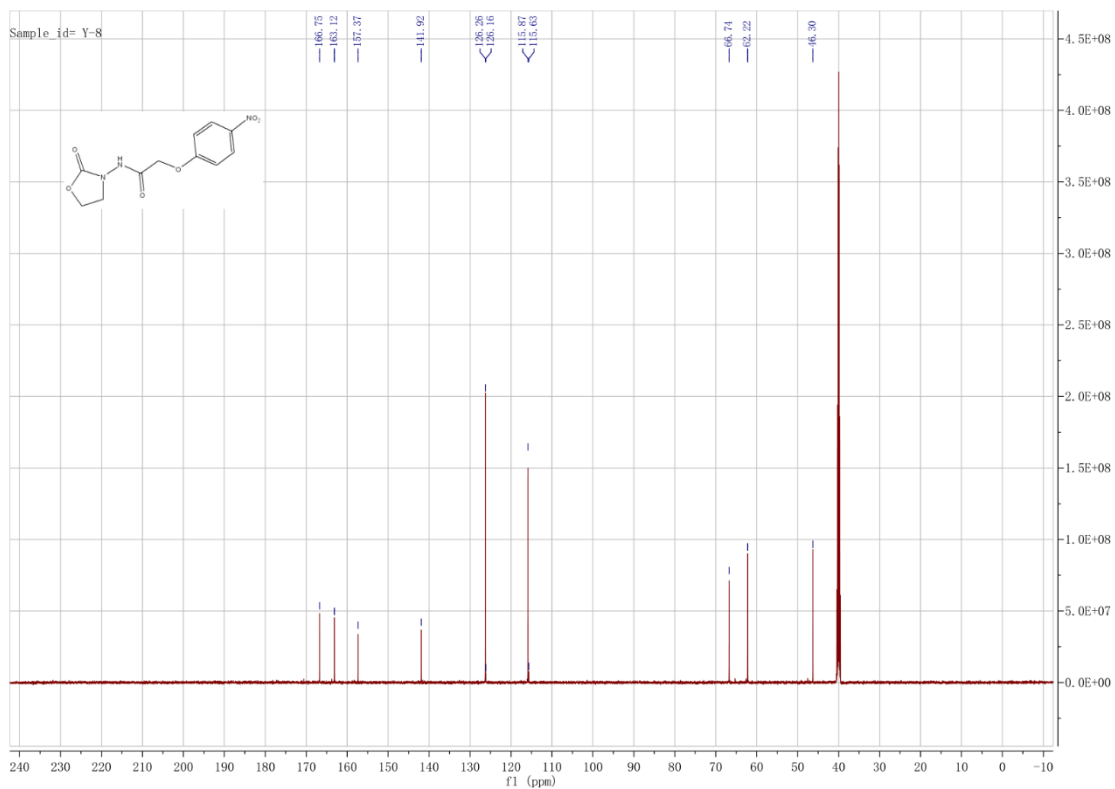


The ^1H -NMR spectrum of compound Y-5

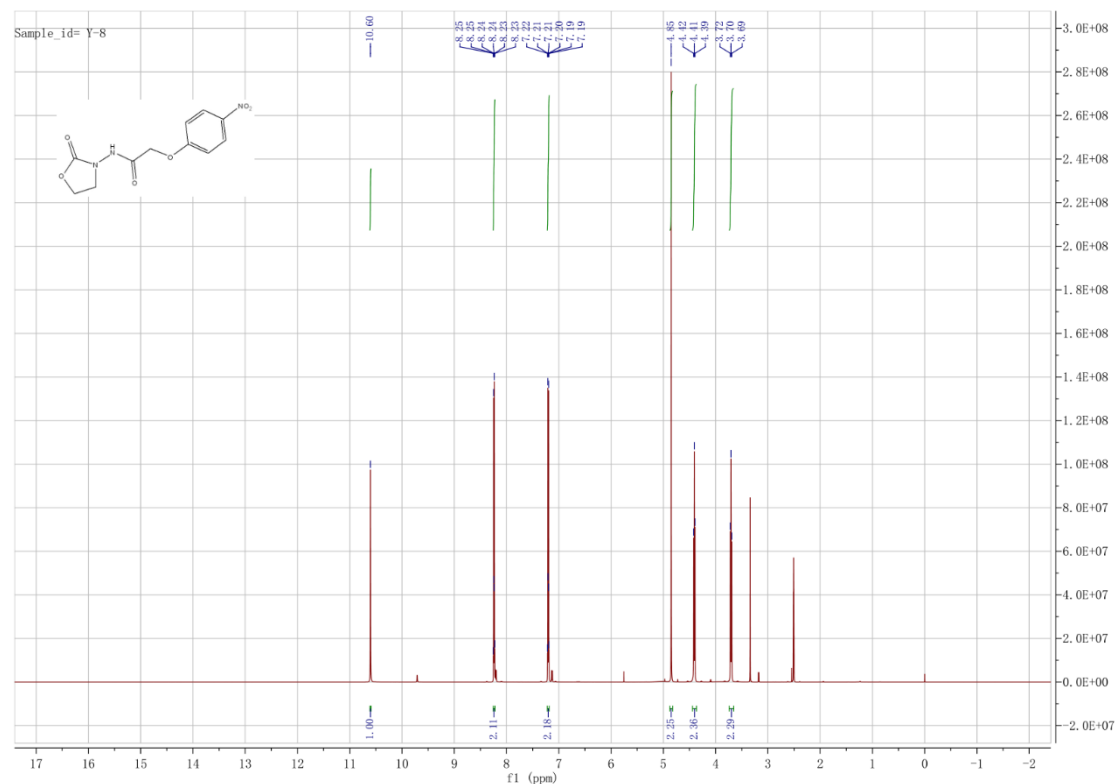


The ^{13}C NMR spectrum of compound Y-5

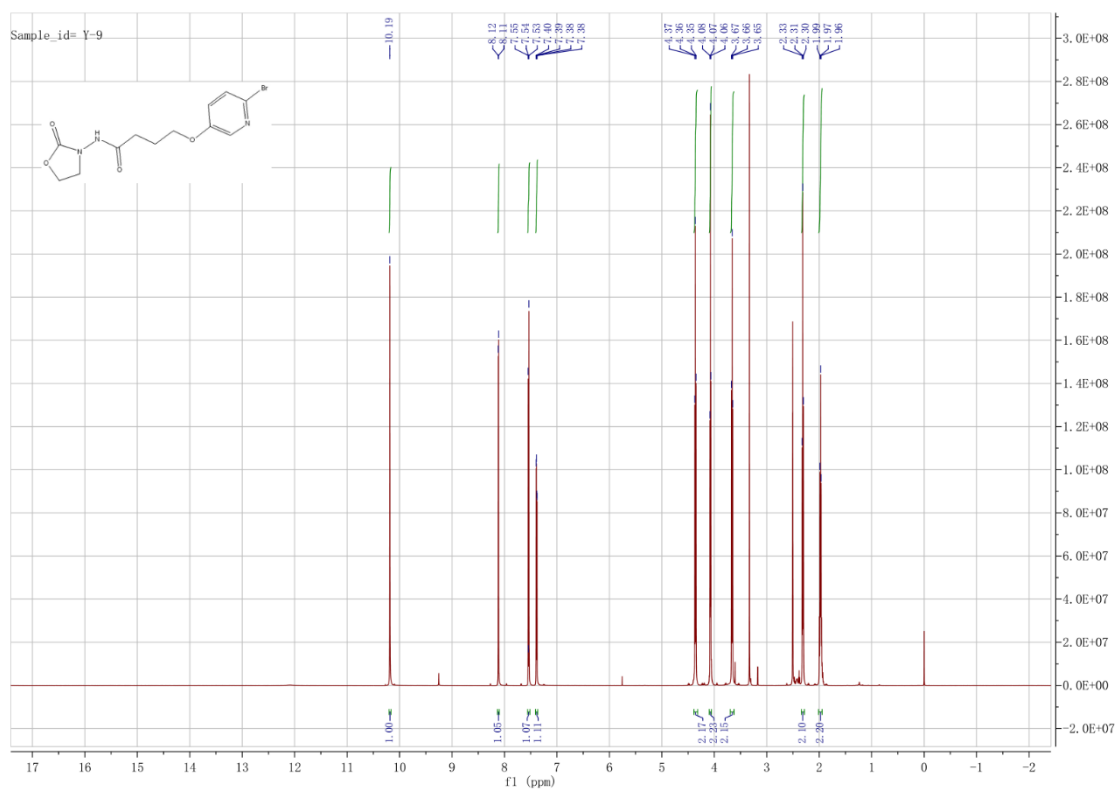




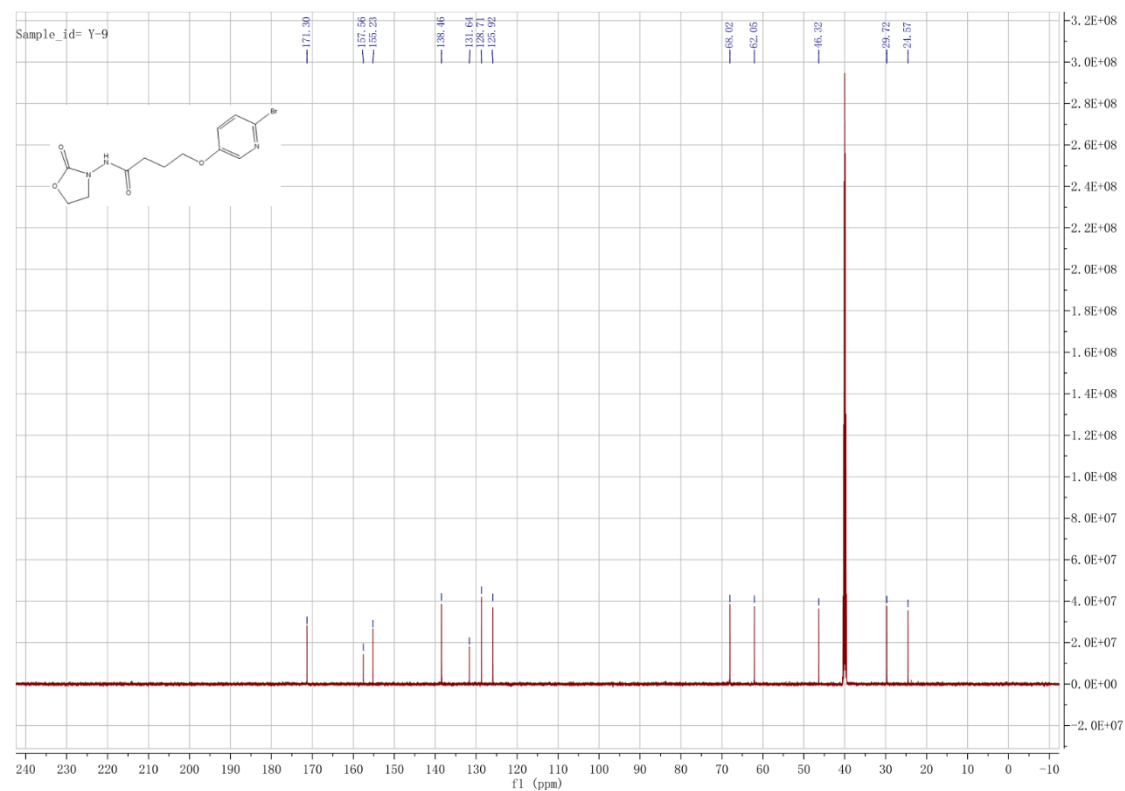
The ^1H -NMR spectrum of compound Y-8



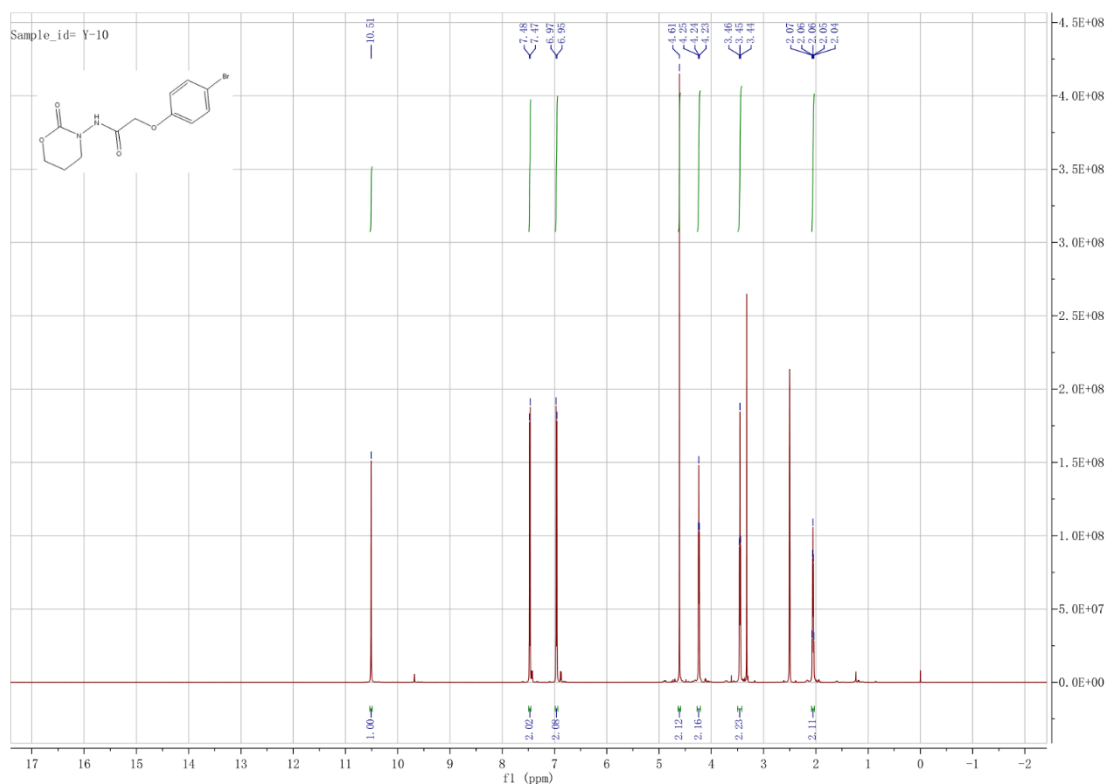
The ^{13}C NMR spectrum of compound Y-8



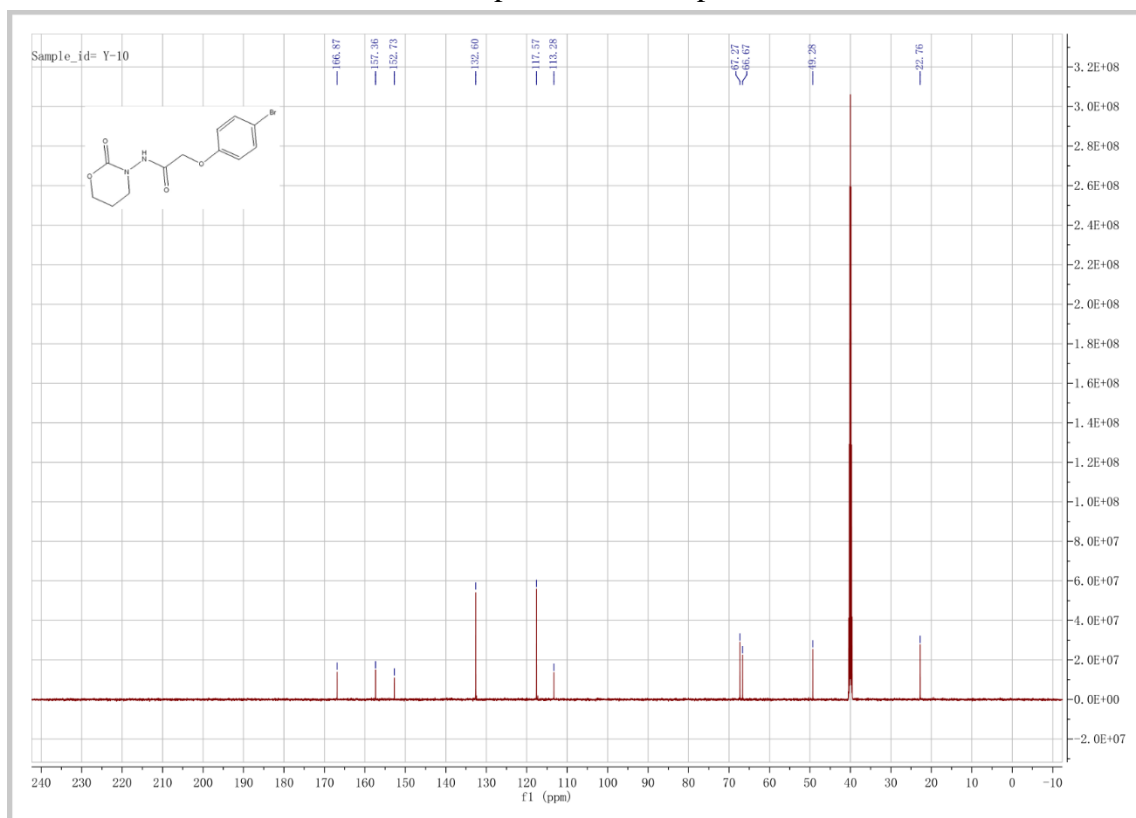
The ^1H -NMR spectrum of compound Y-9



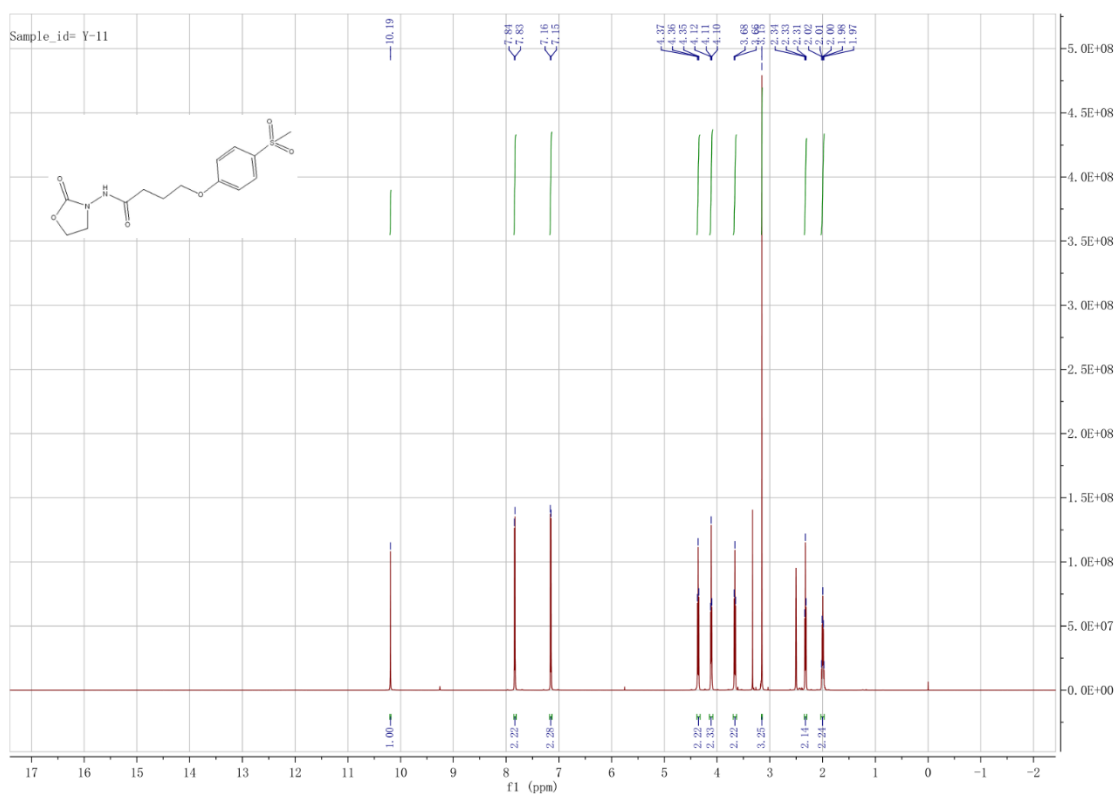
The ^{13}C NMR spectrum of compound Y-9



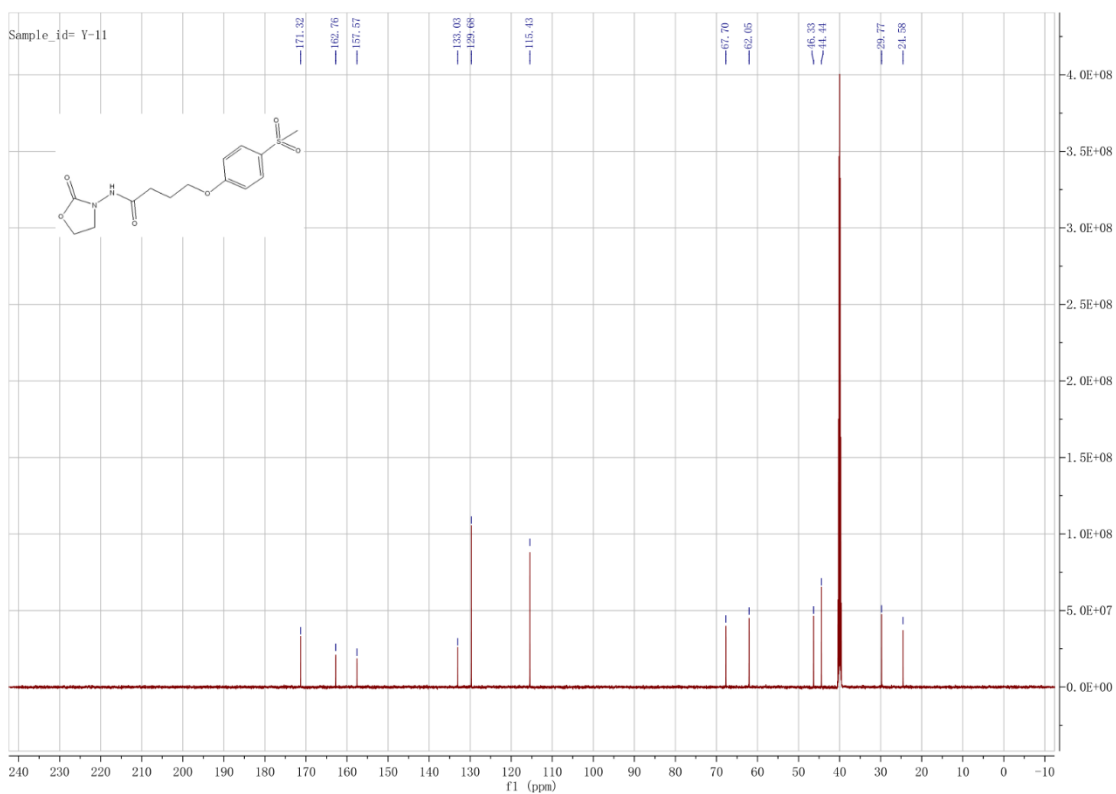
The ^1H -NMR spectrum of compound Y-10

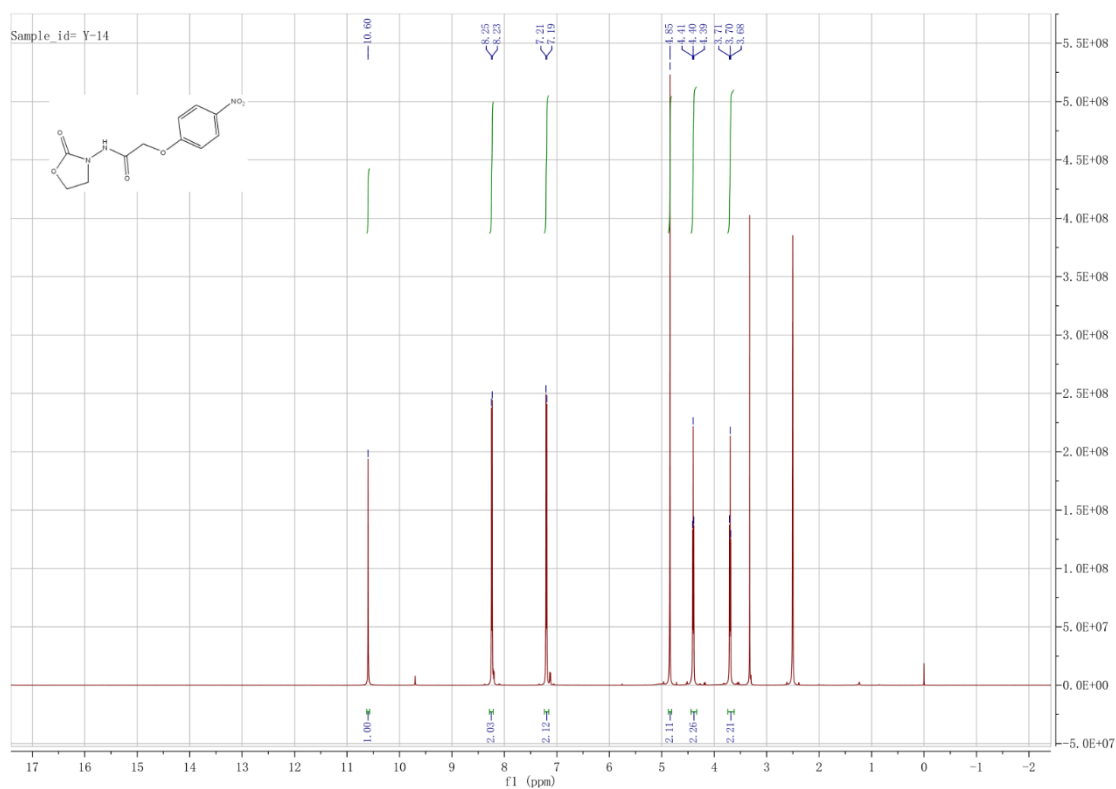


The ^{13}C NMR spectrum of compound Y-10

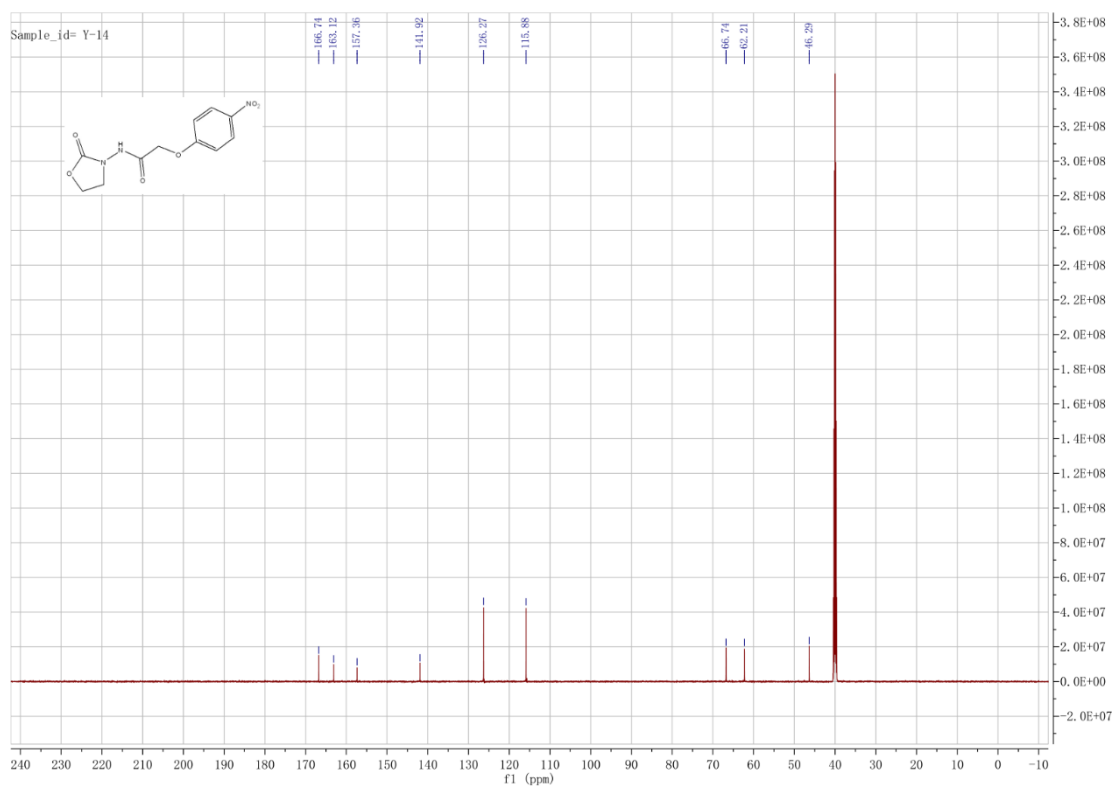


The ^1H -NMR spectrum of compound Y-11

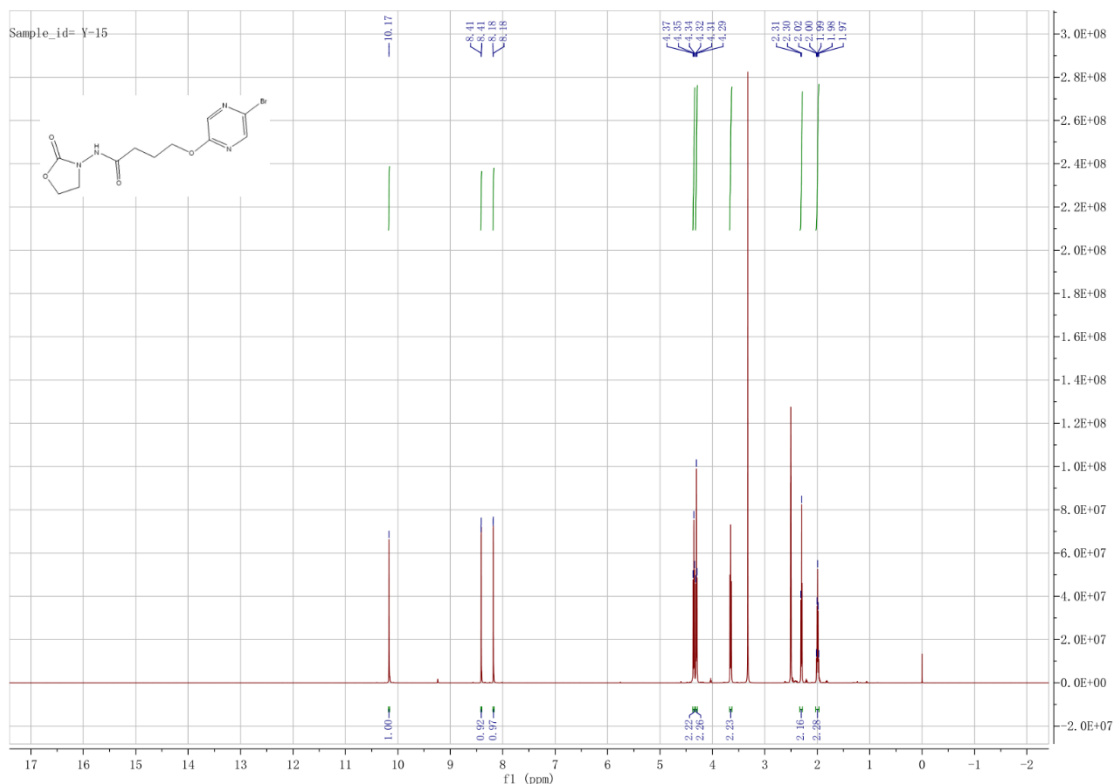




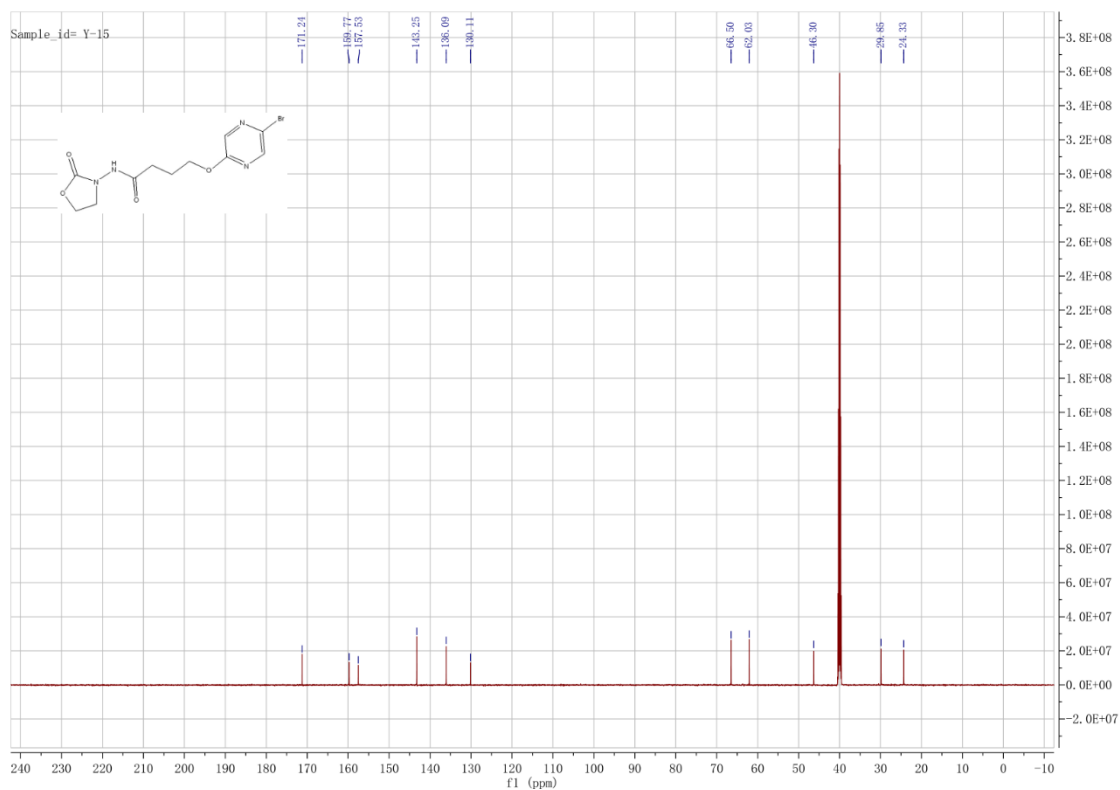
The ^1H -NMR spectrum of compound Y-14



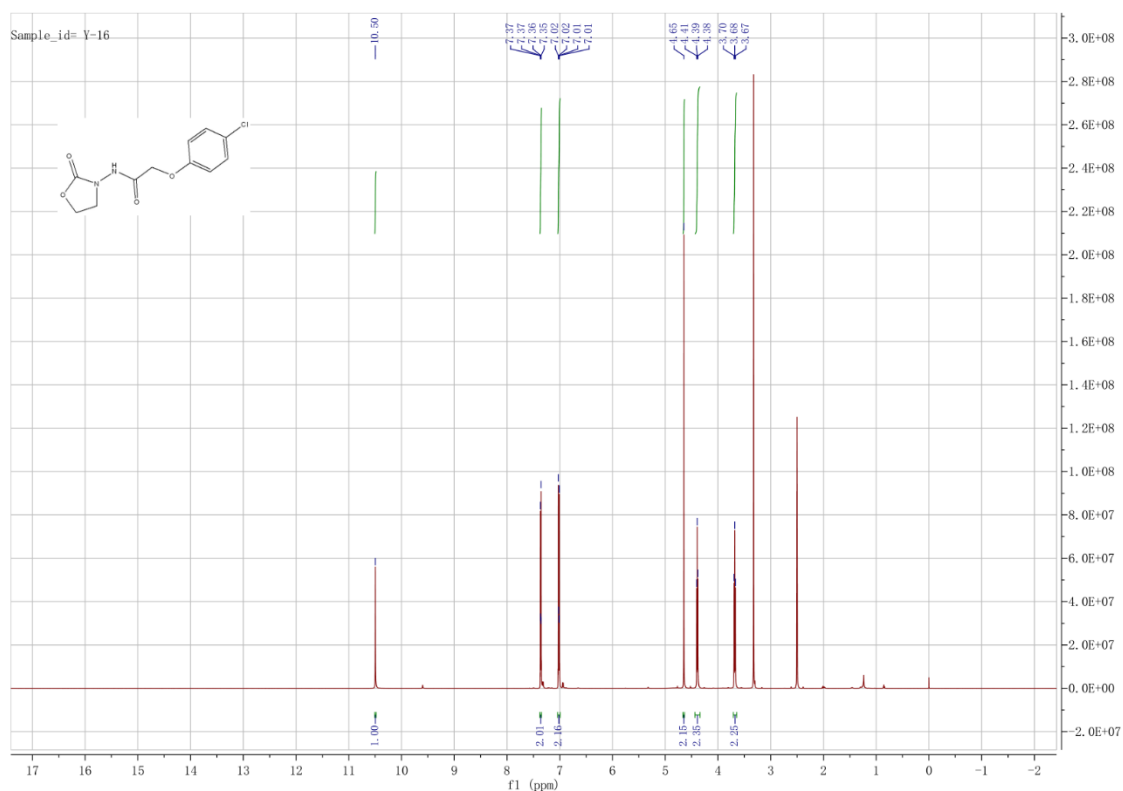
The ^{13}C NMR spectrum of compound Y-14



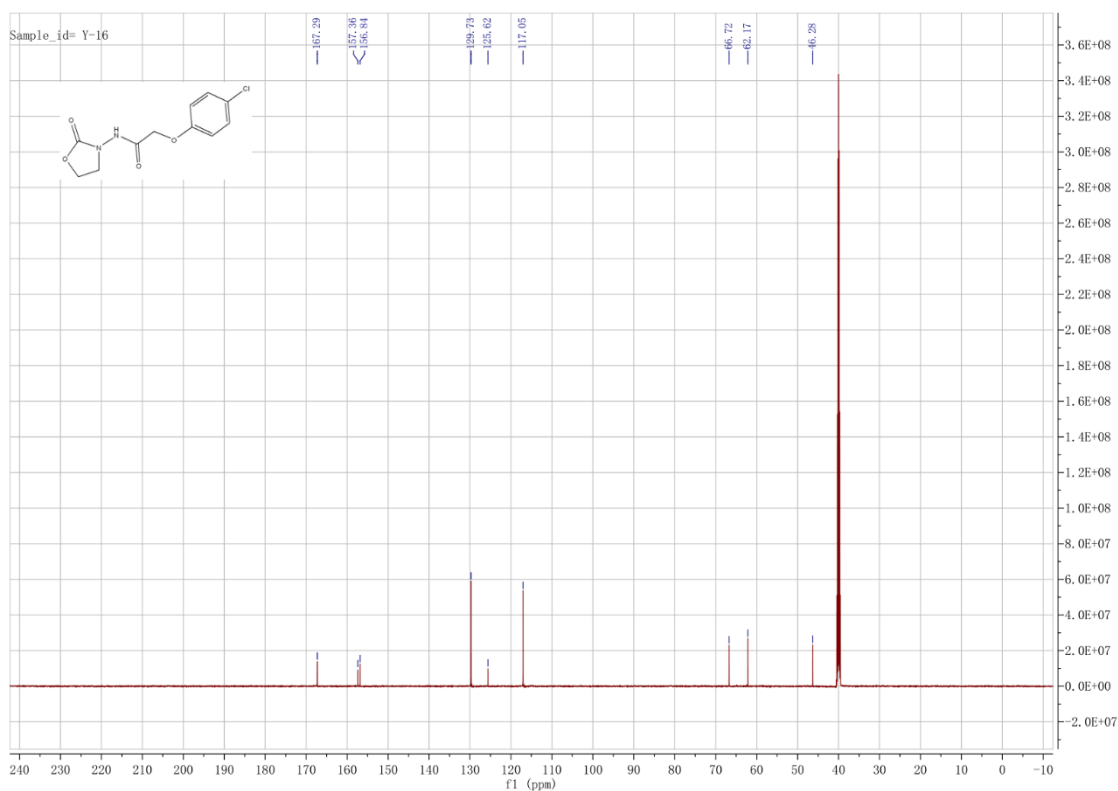
The ^1H -NMR spectrum of compound Y-15



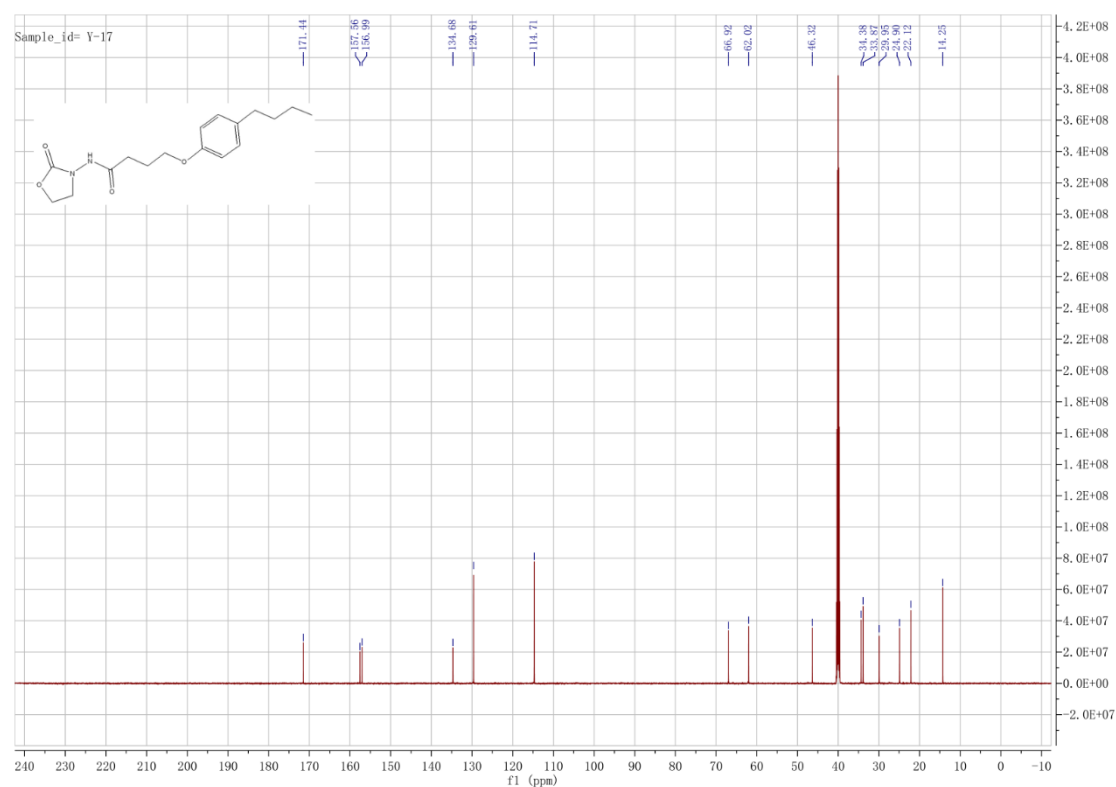
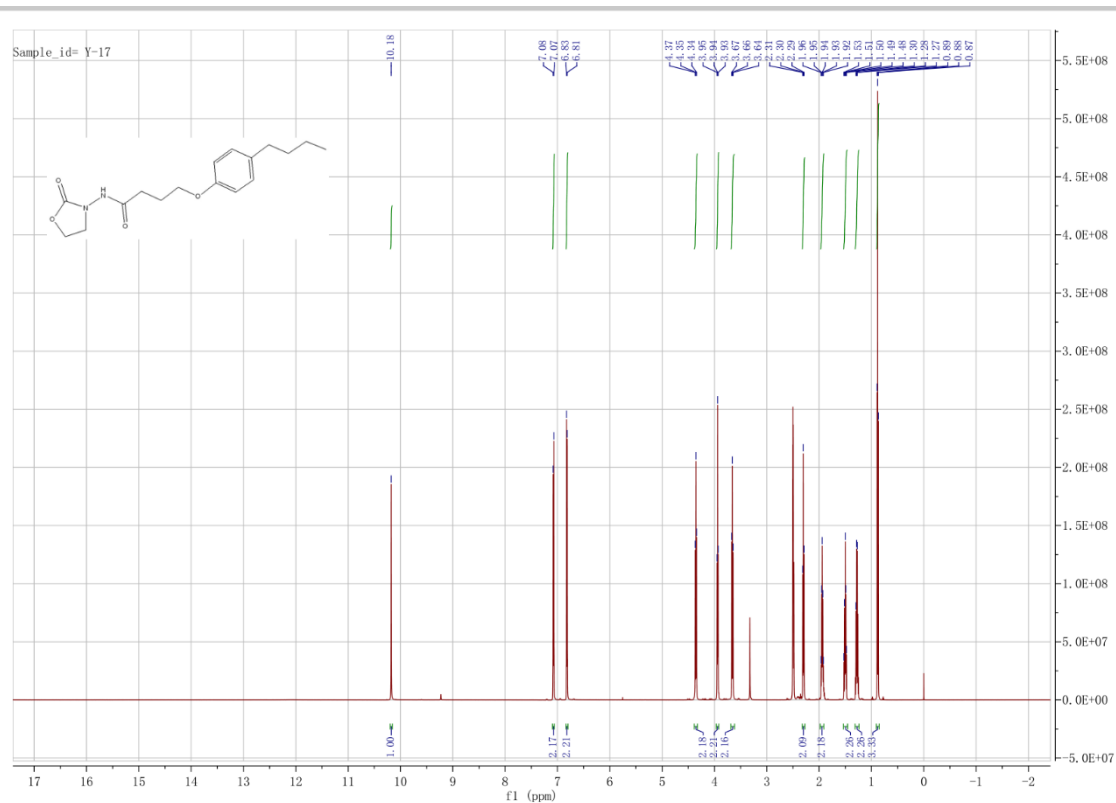
The ^{13}C NMR spectrum of compound Y-15

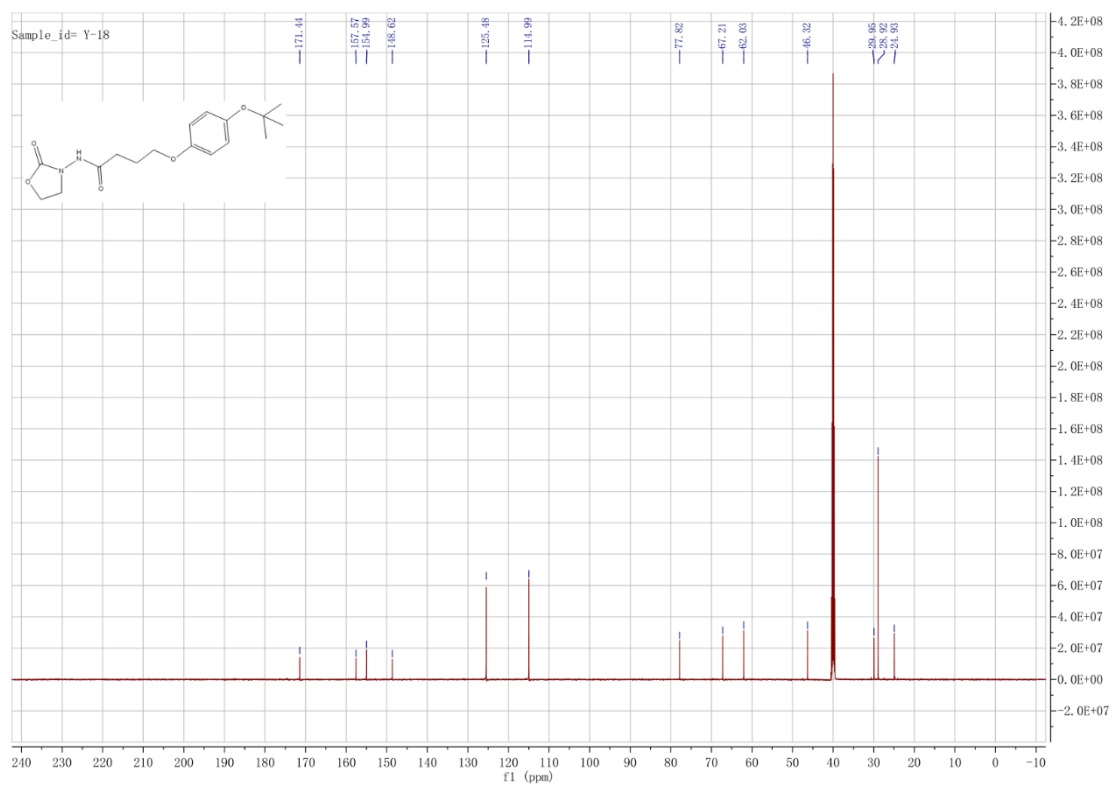
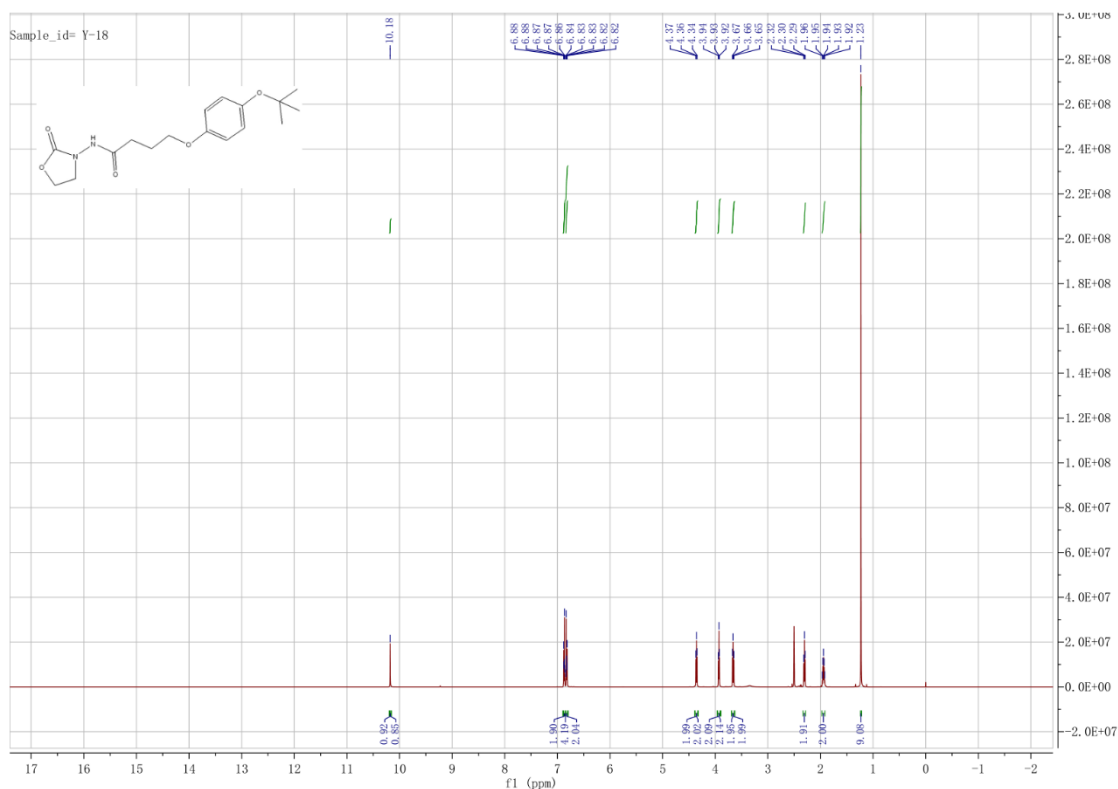


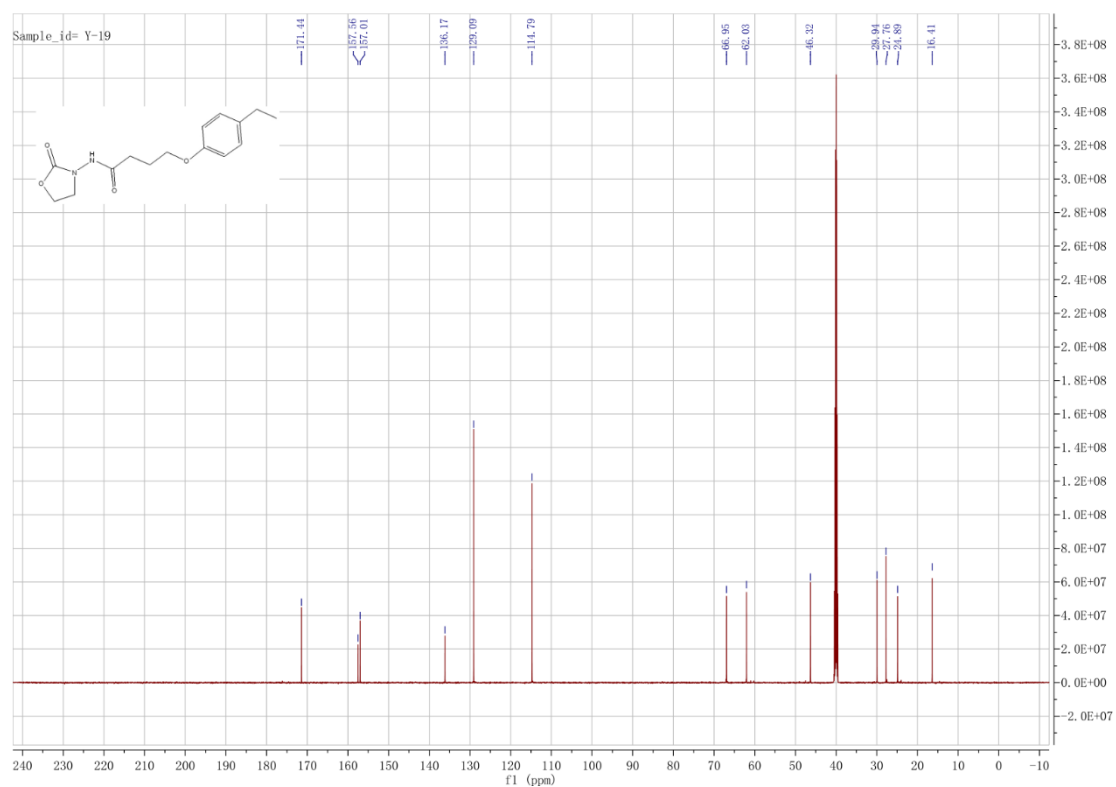
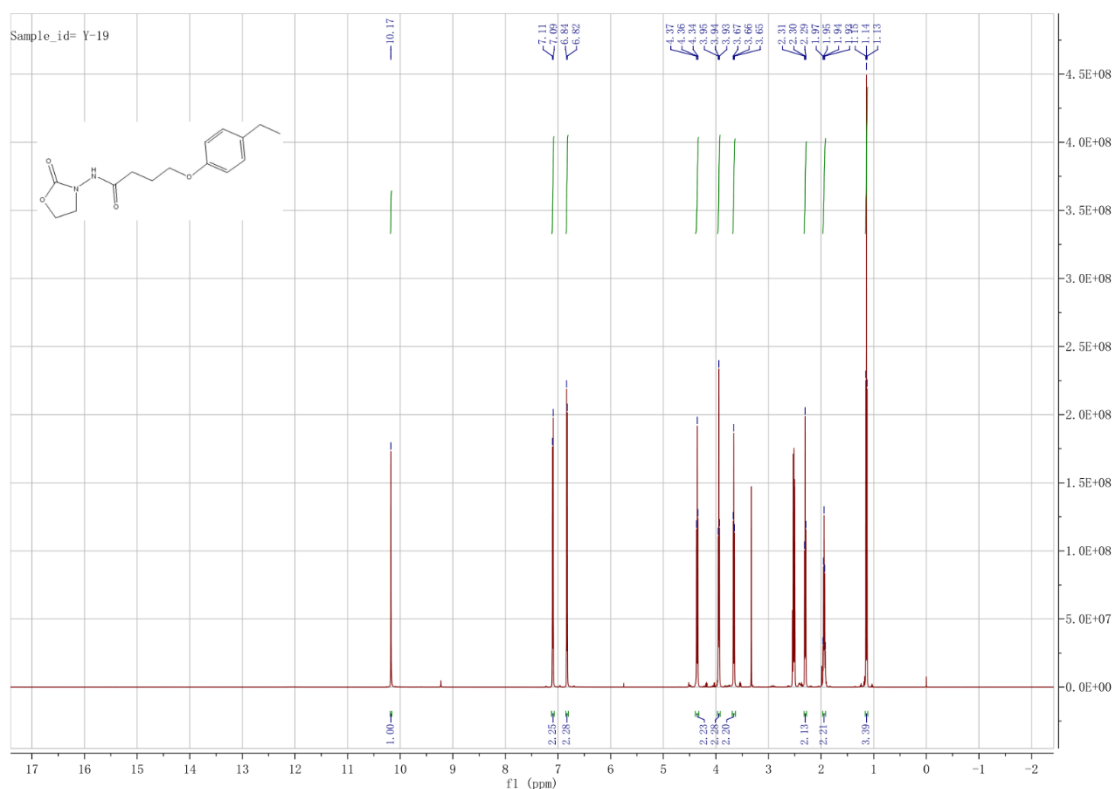
The ^1H -NMR spectrum of compound Y-16

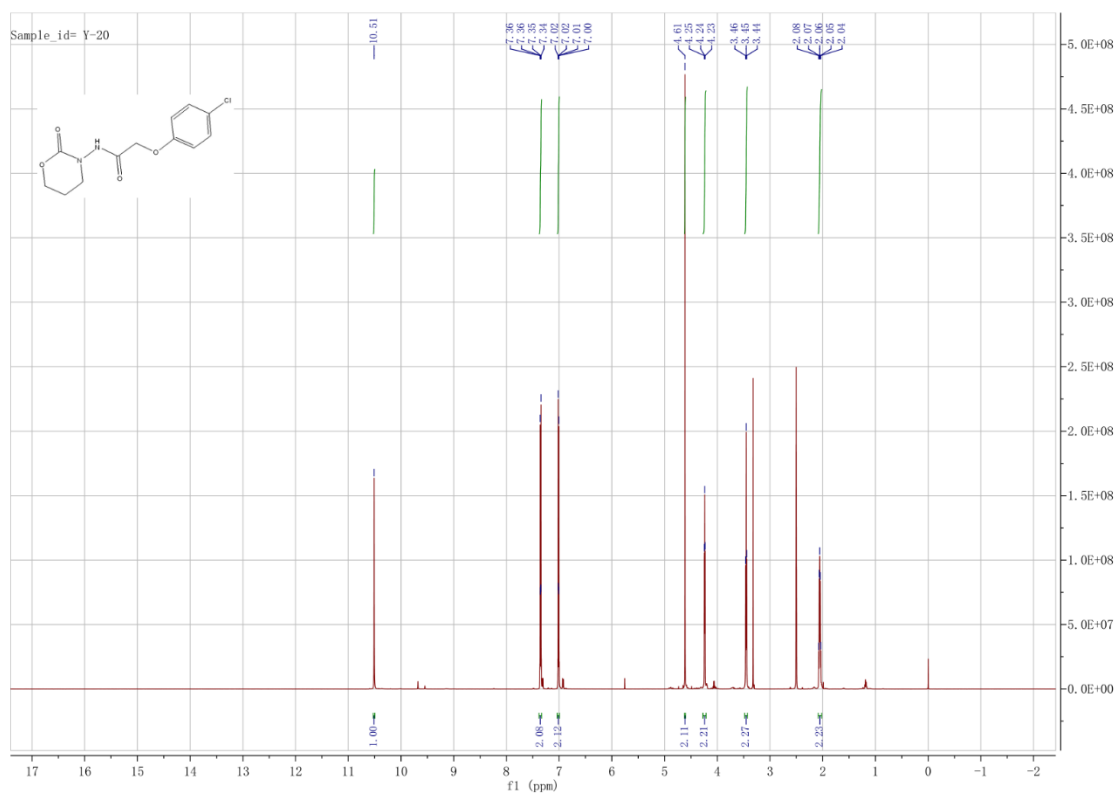


The ^{13}C NMR spectrum of compound Y-16

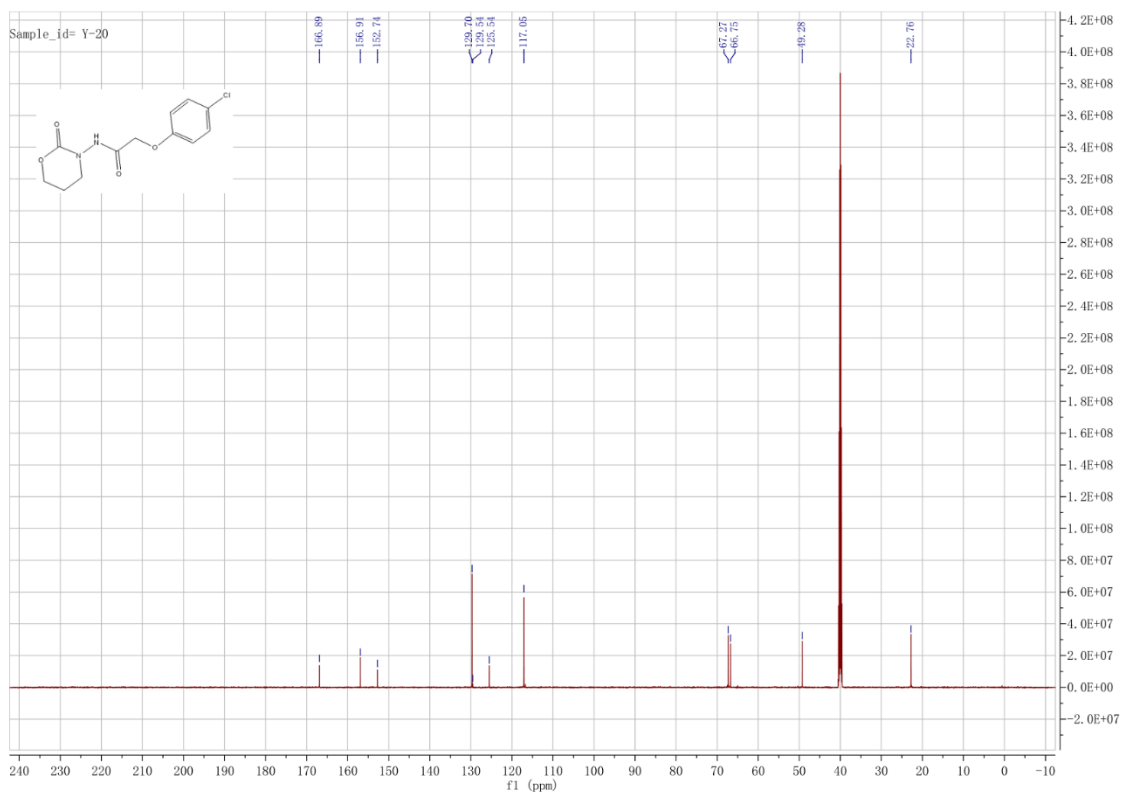




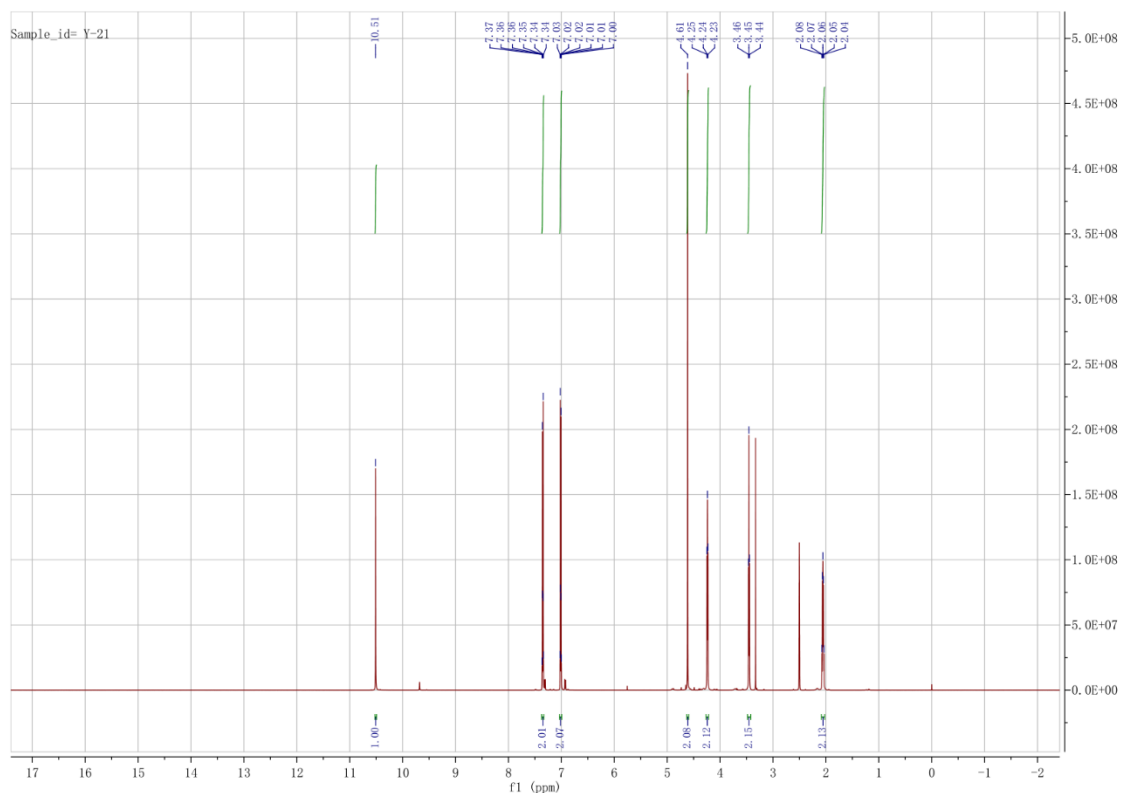




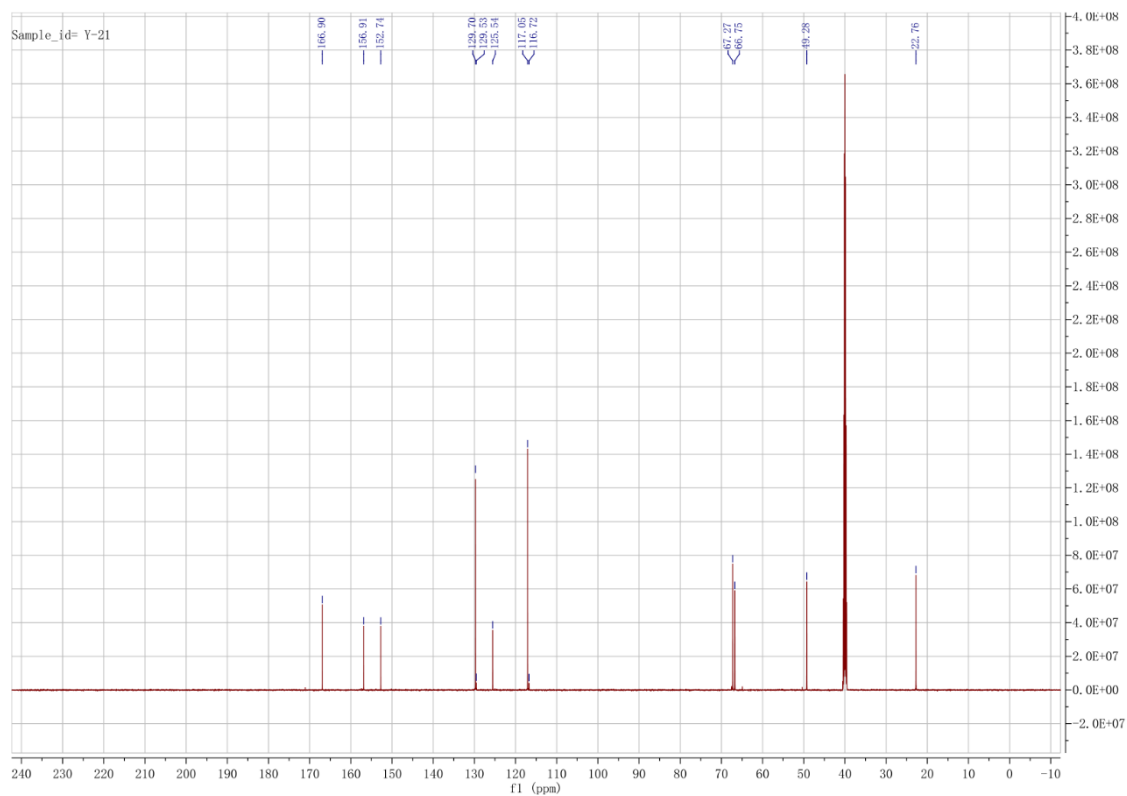
The ^1H -NMR spectrum of compound Y-20



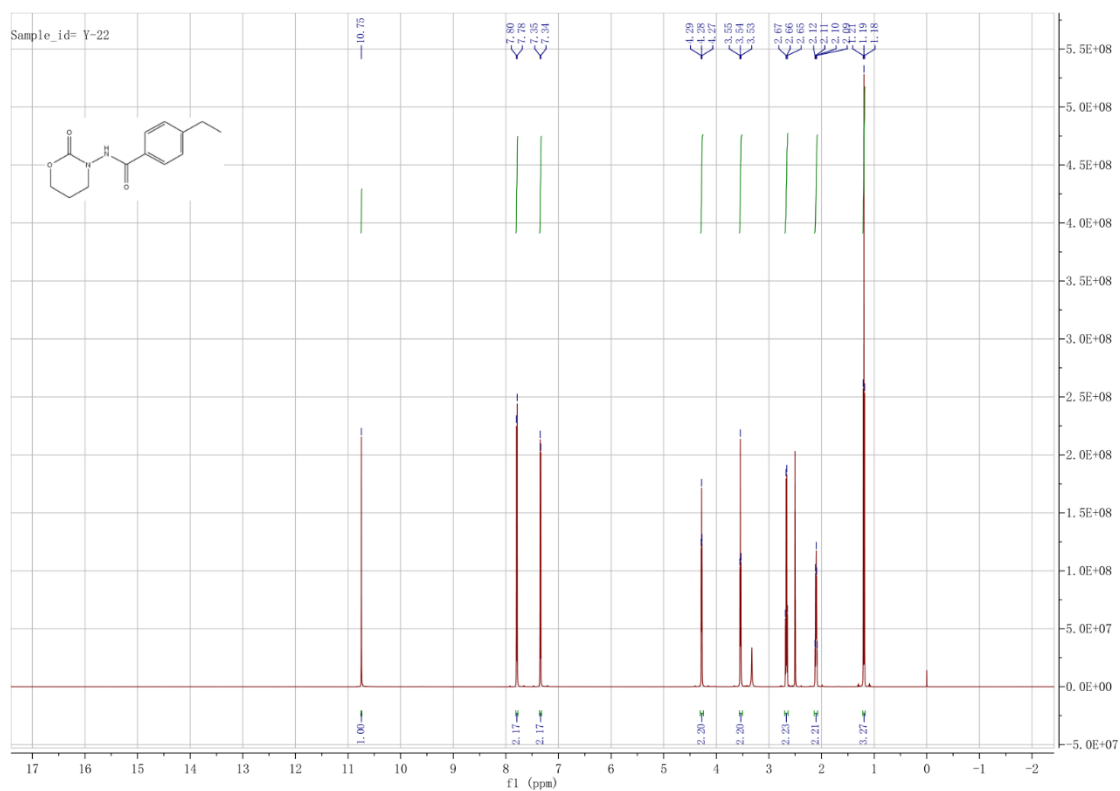
The ^{13}C NMR spectrum of compound Y-20



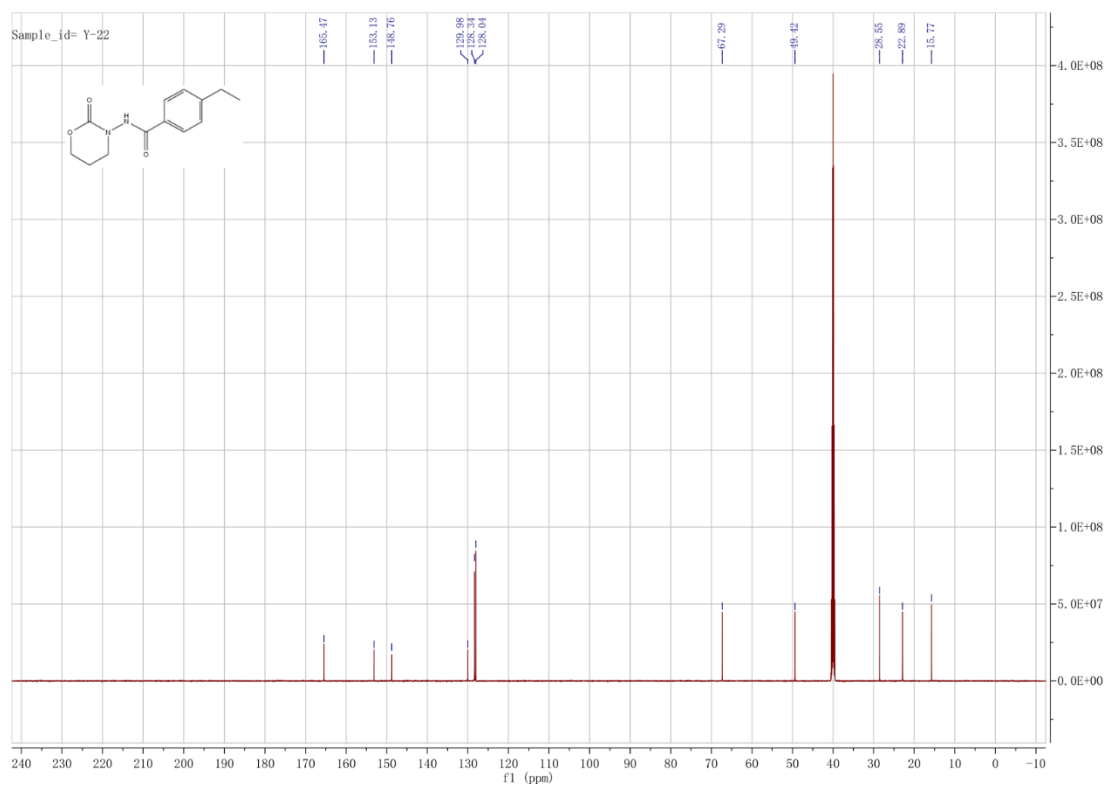
The ^1H -NMR spectrum of compound Y-21



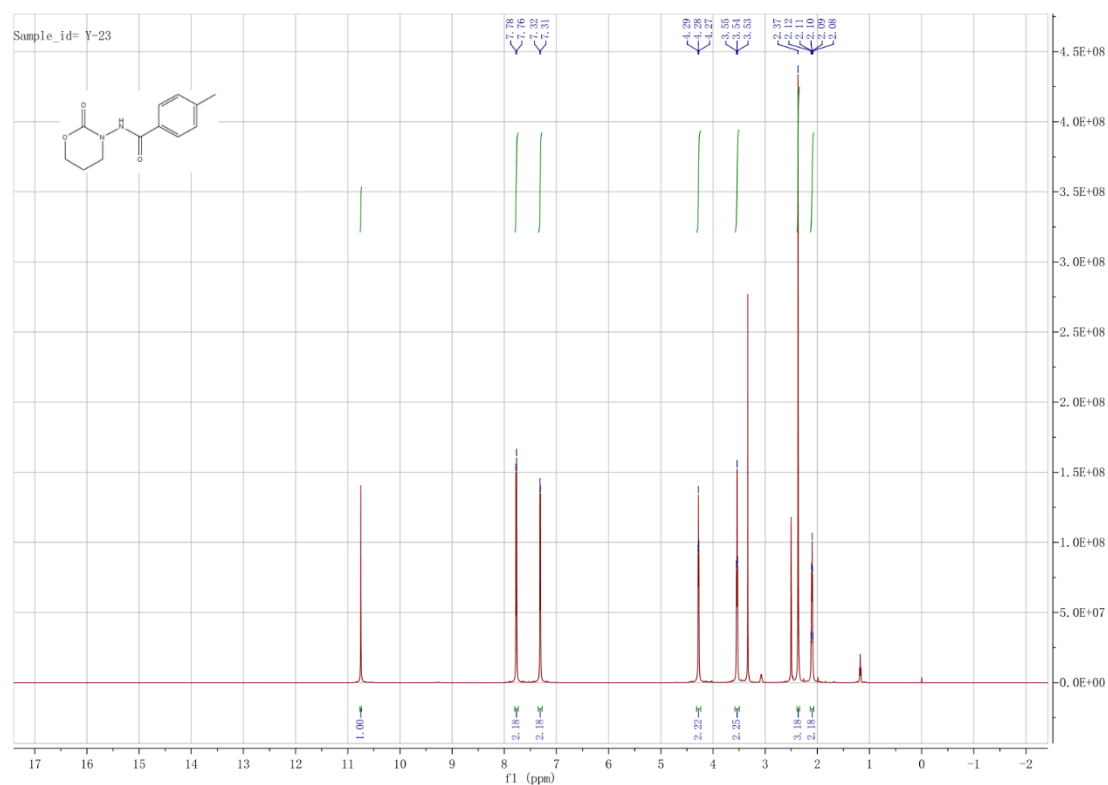
The ^{13}C NMR spectrum of compound Y-21



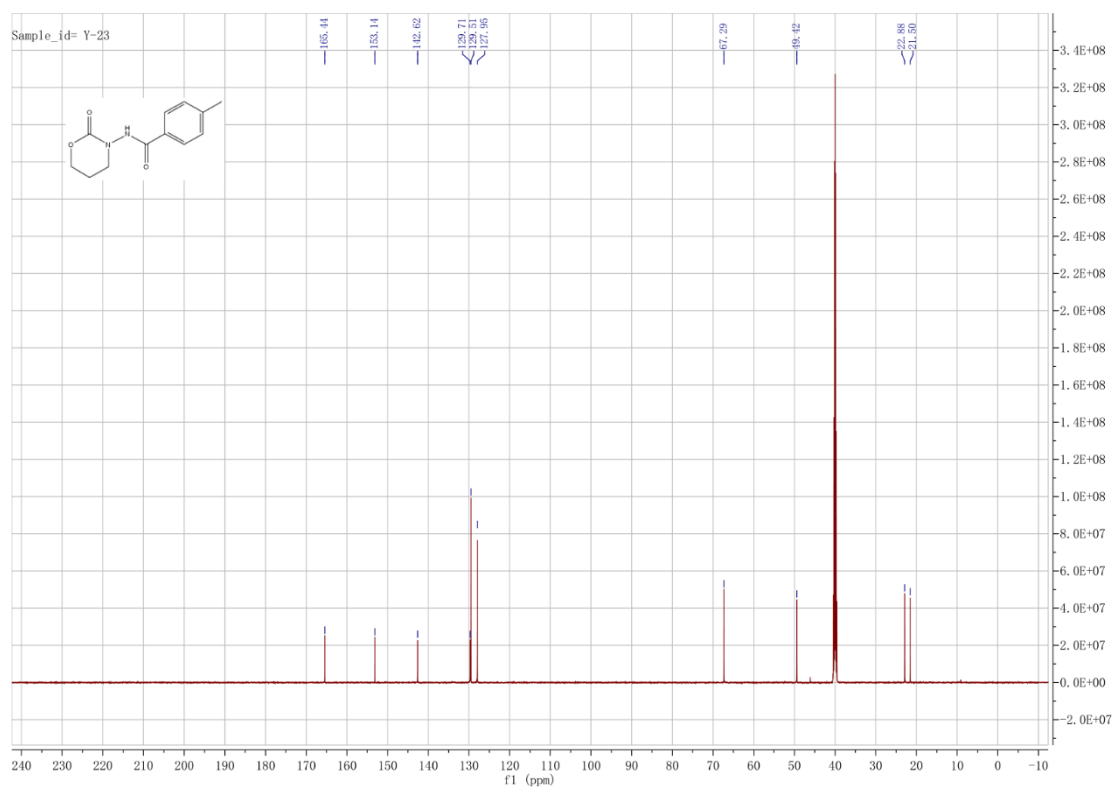
The ^1H -NMR spectrum of compound Y-22



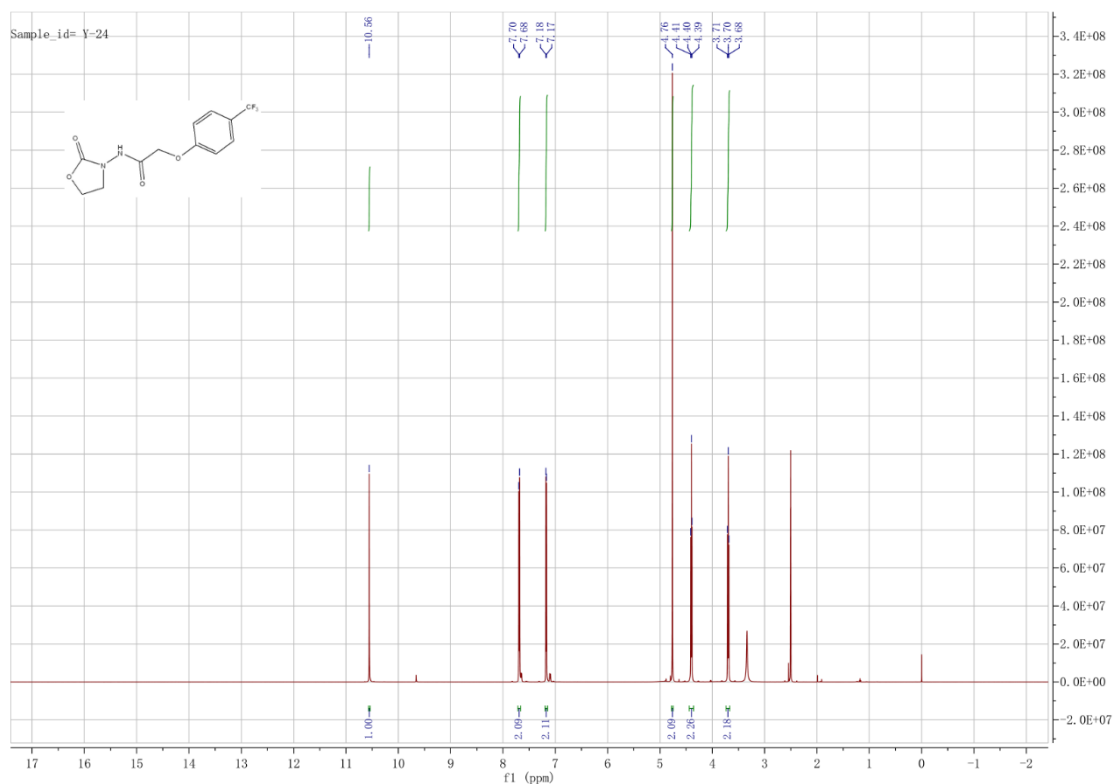
The ^{13}C NMR spectrum of compound Y-22



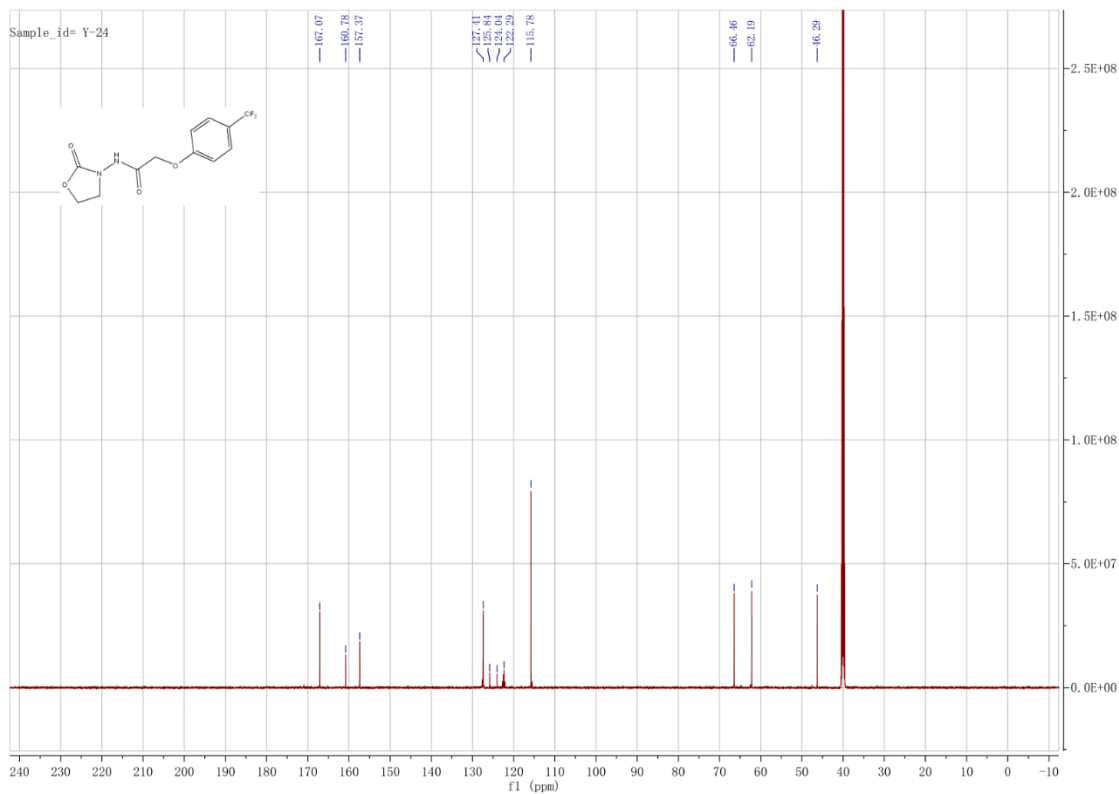
The ^1H -NMR spectrum of compound Y-23



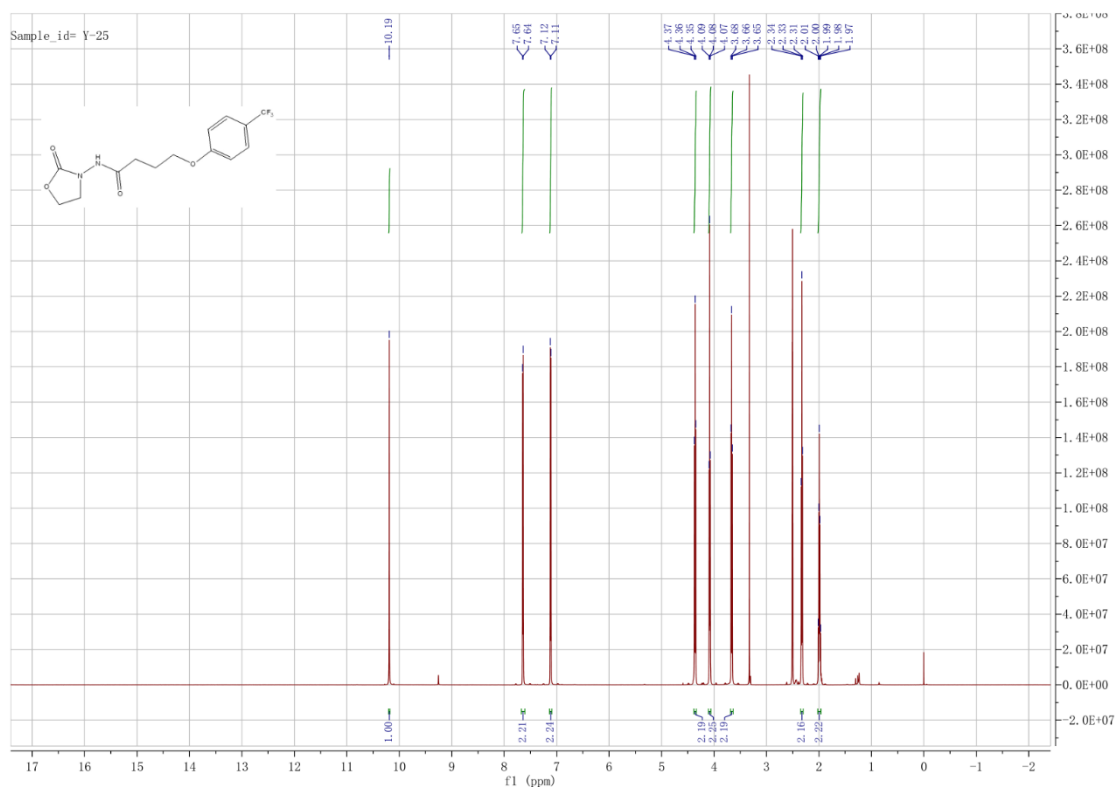
The ^{13}C NMR spectrum of compound Y-23



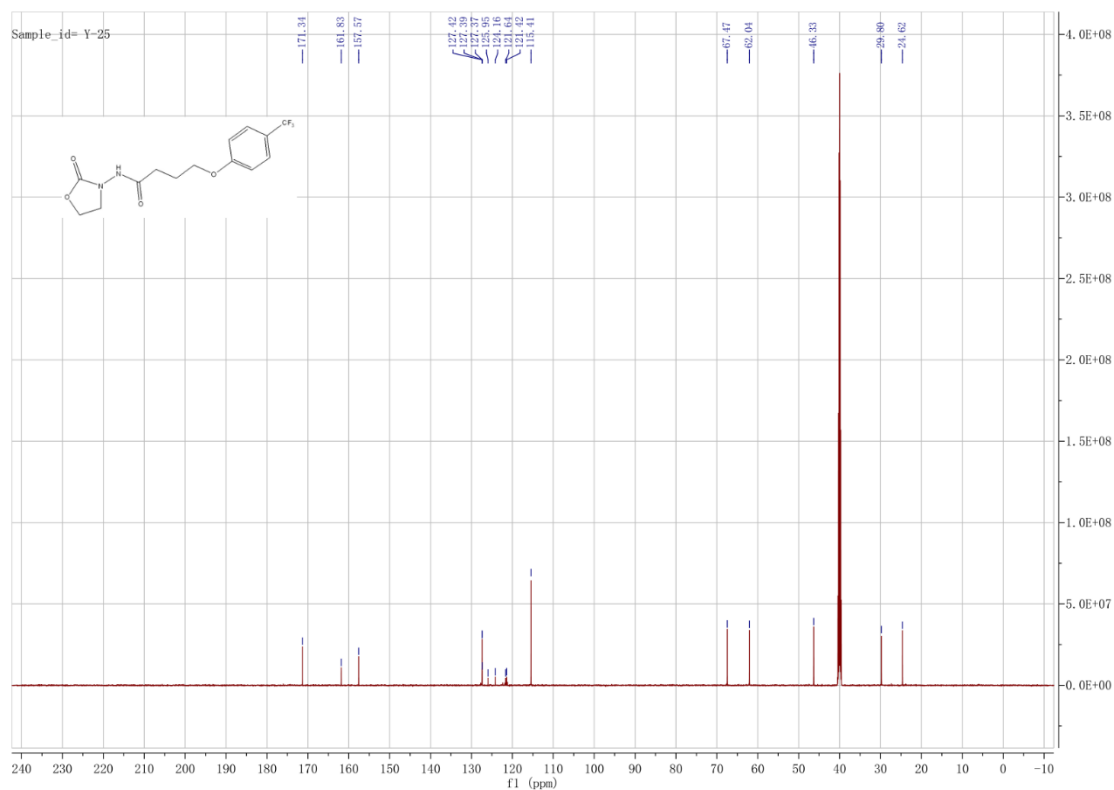
The ^1H -NMR spectrum of compound Y-24



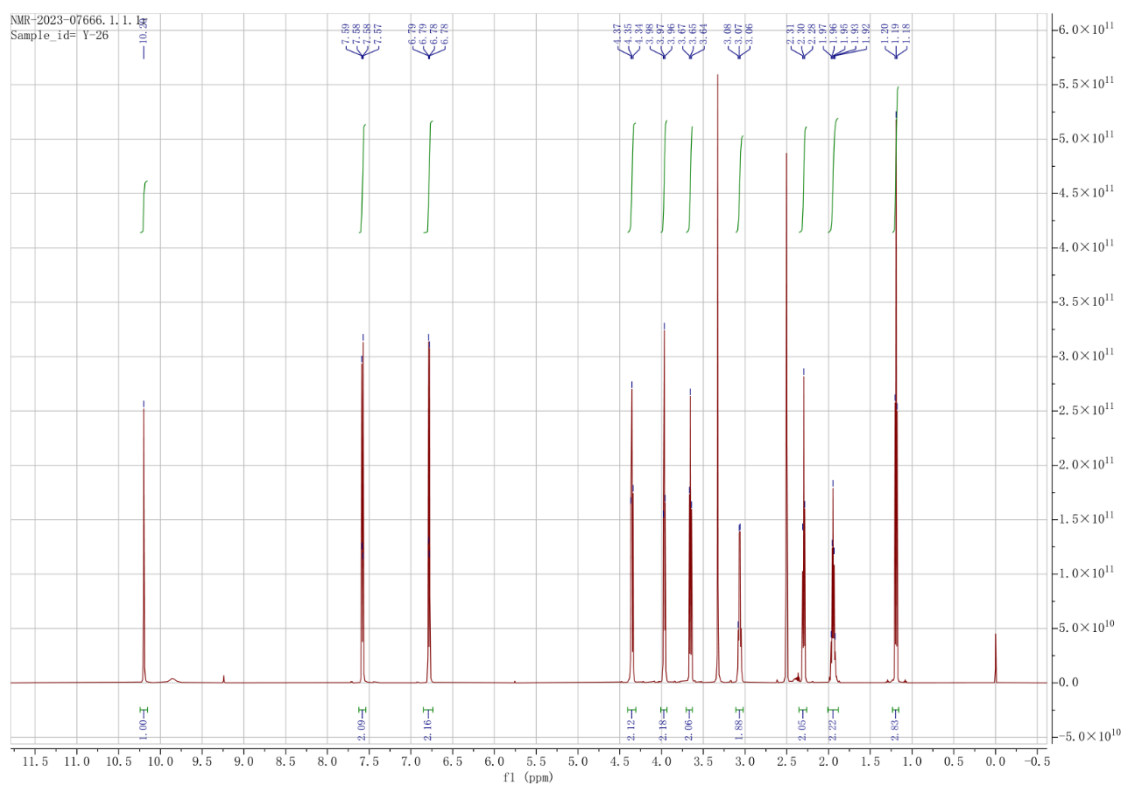
The ^{13}C NMR spectrum of compound Y-24



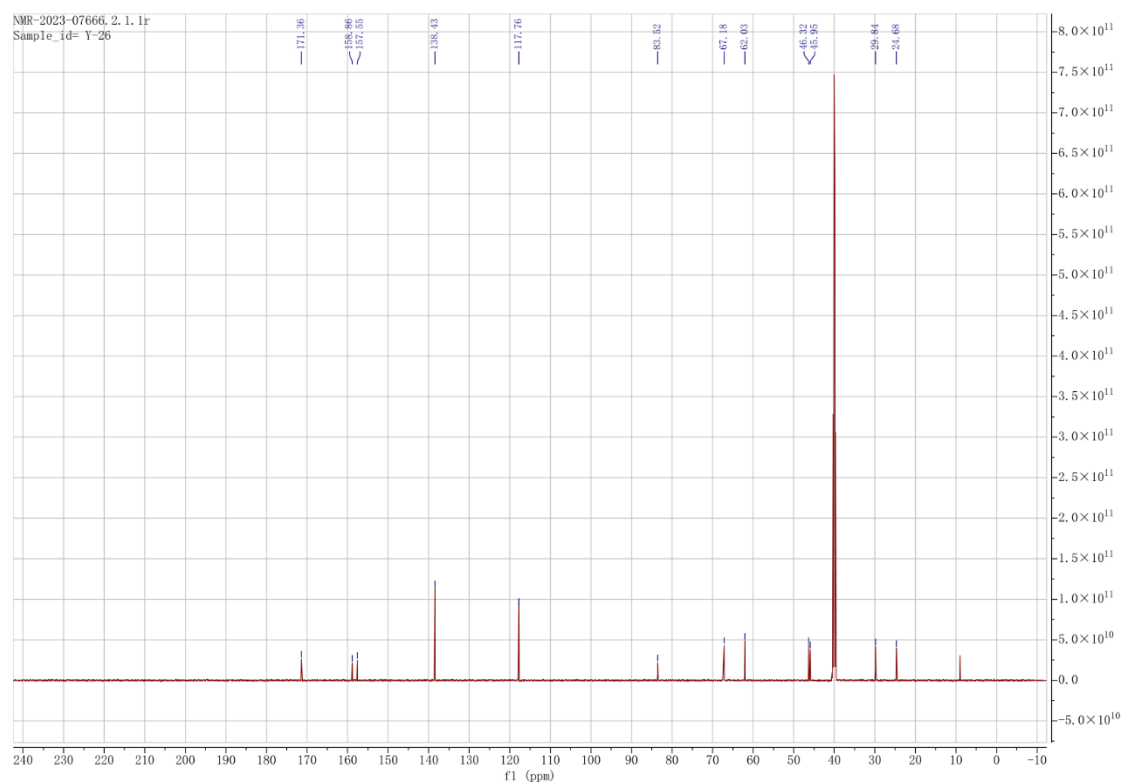
The ^1H -NMR spectrum of compound Y-25



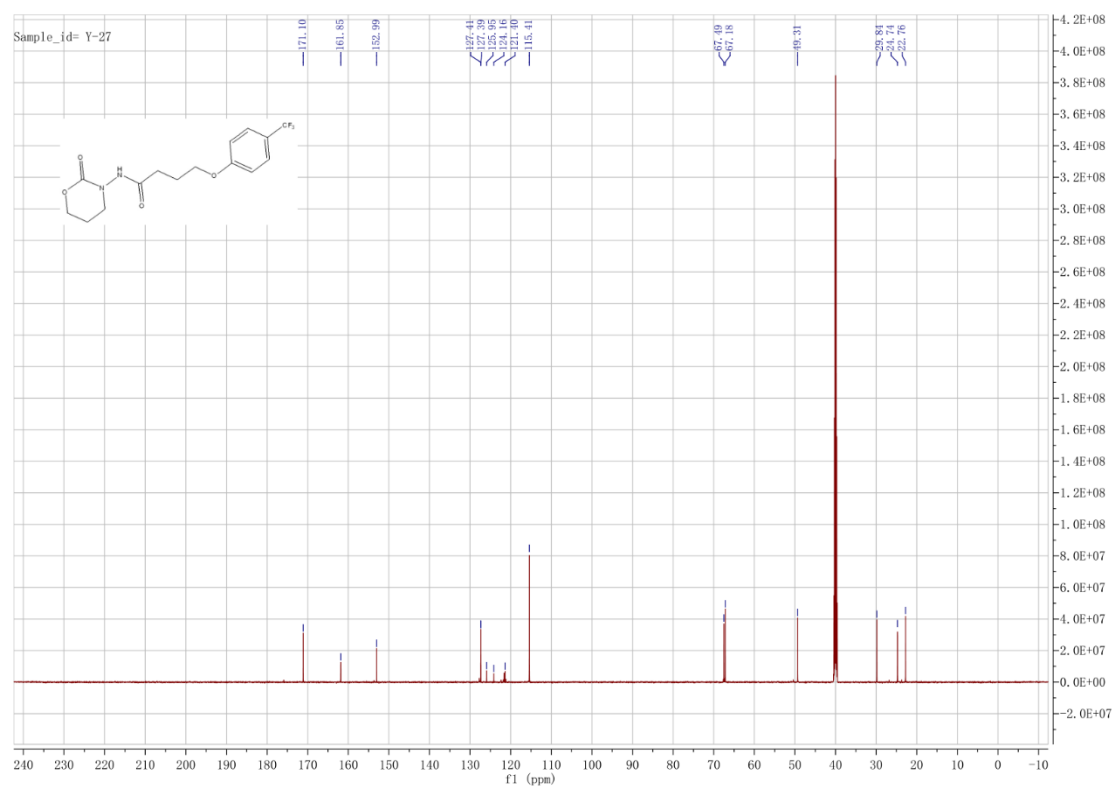
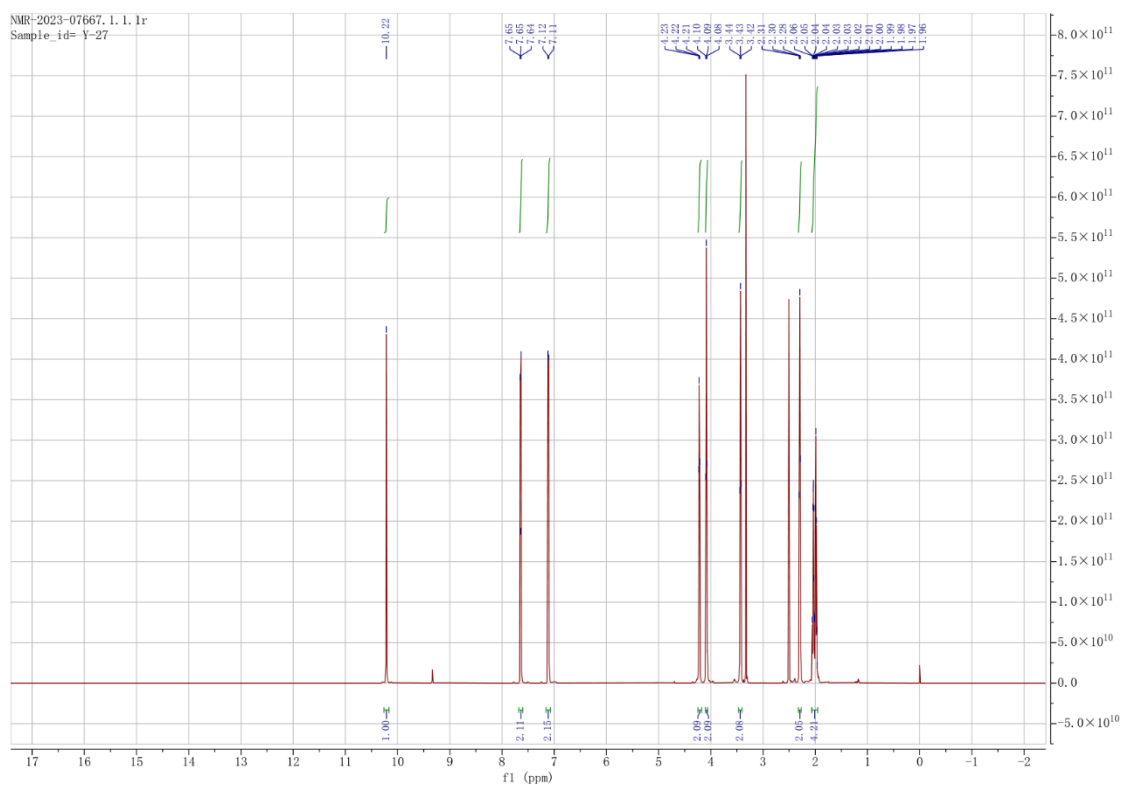
The ^{13}C NMR spectrum of compound Y-25

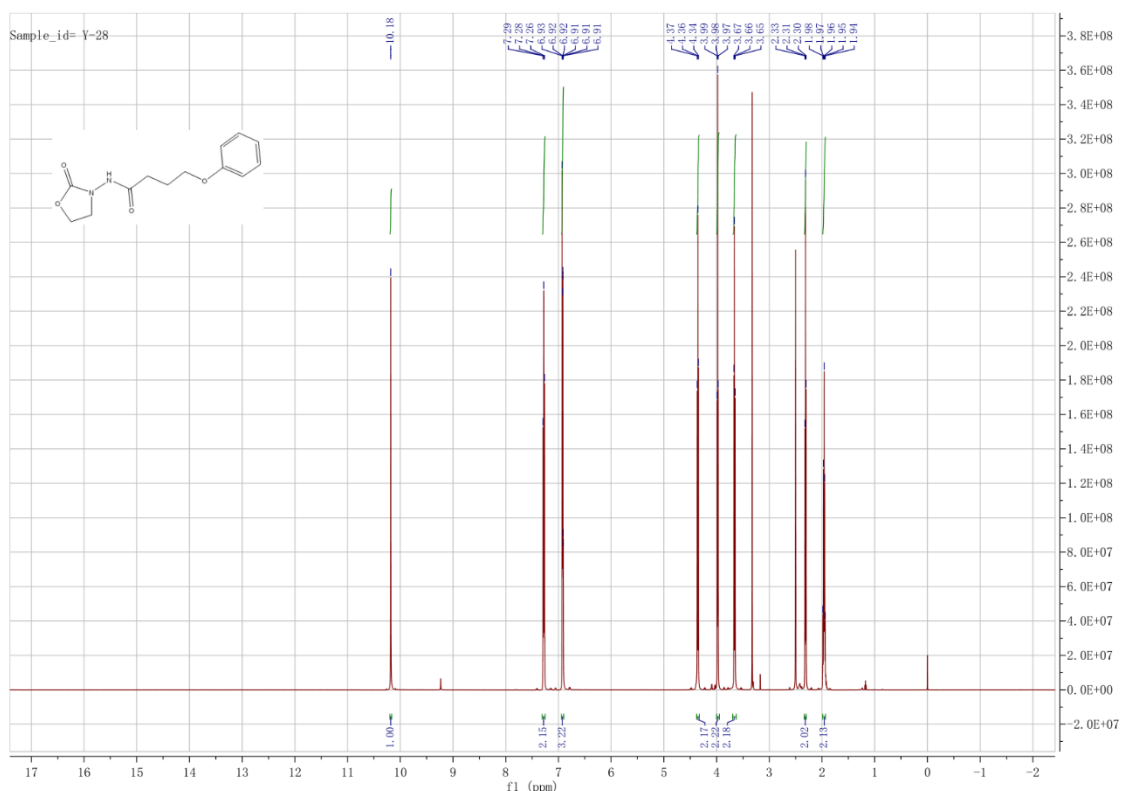


The ^1H -NMR spectrum of compound Y-26

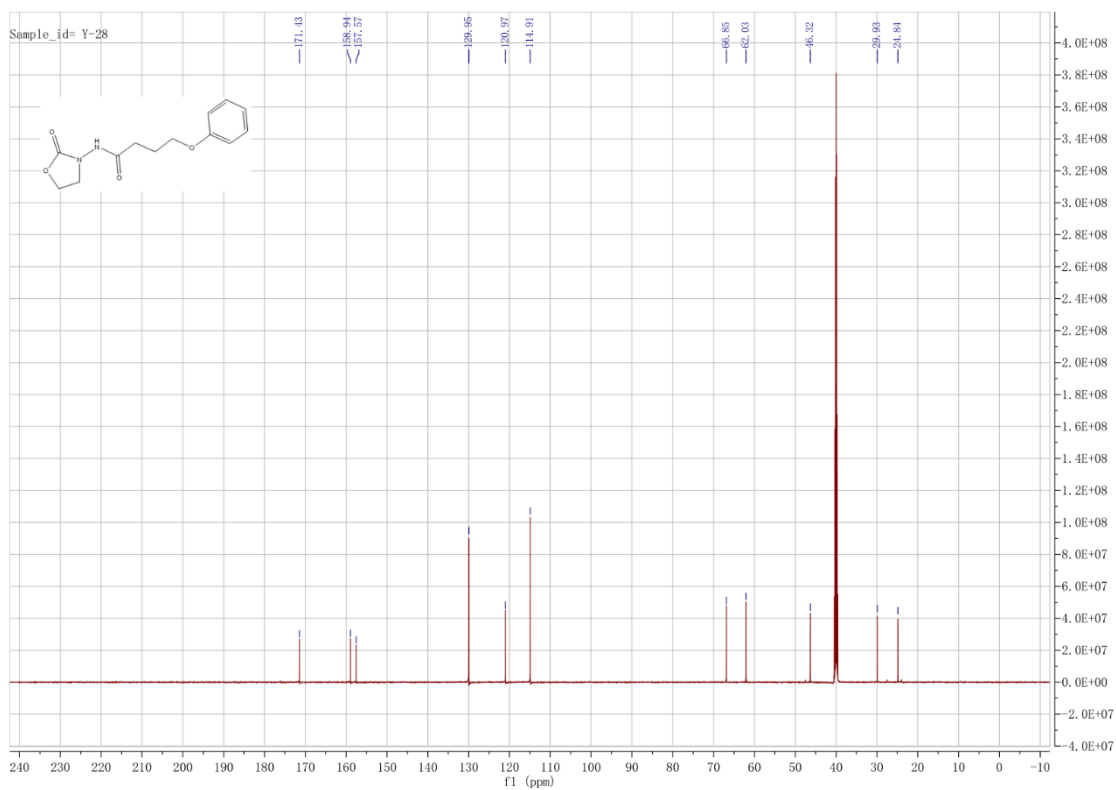


The ^{13}C NMR spectrum of compound Y-26

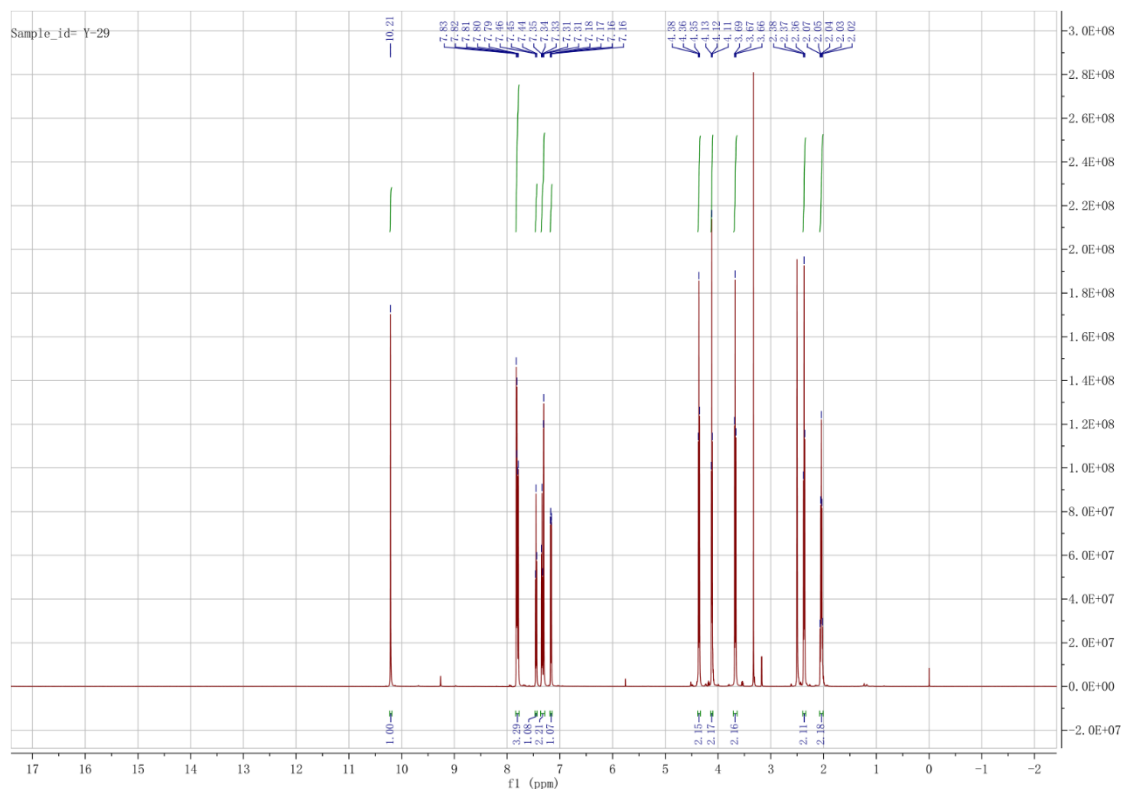




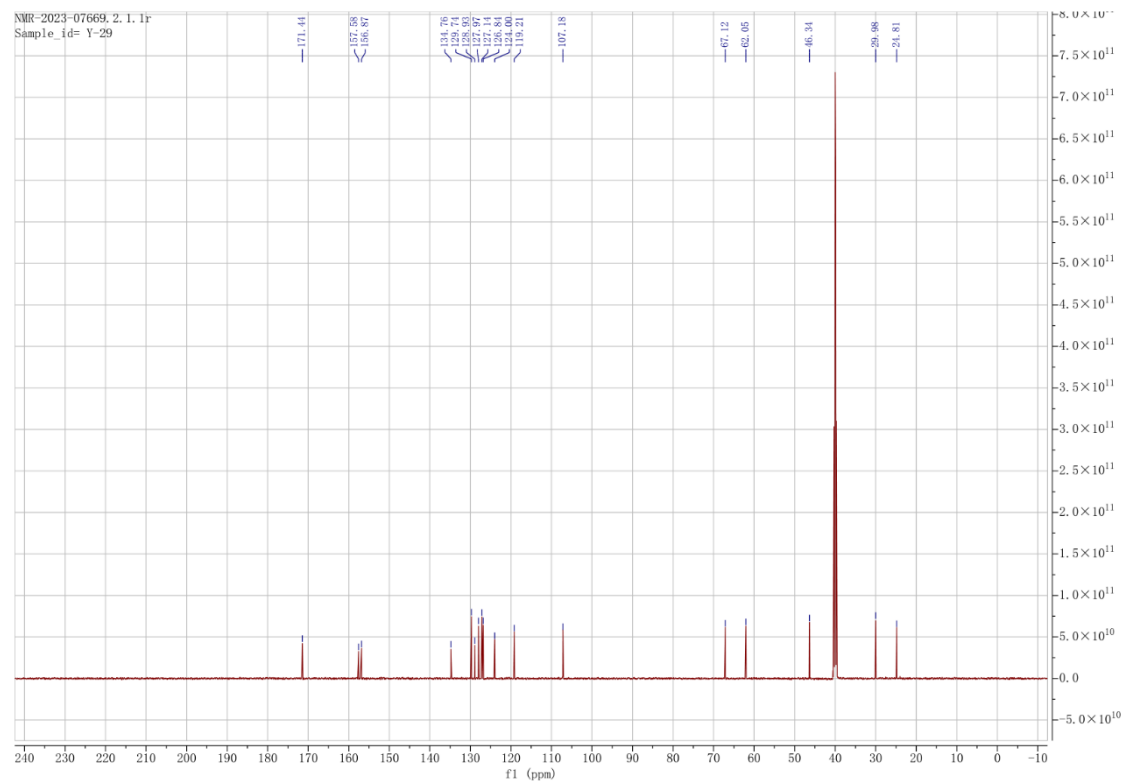
The ^1H -NMR spectrum of compound Y-28



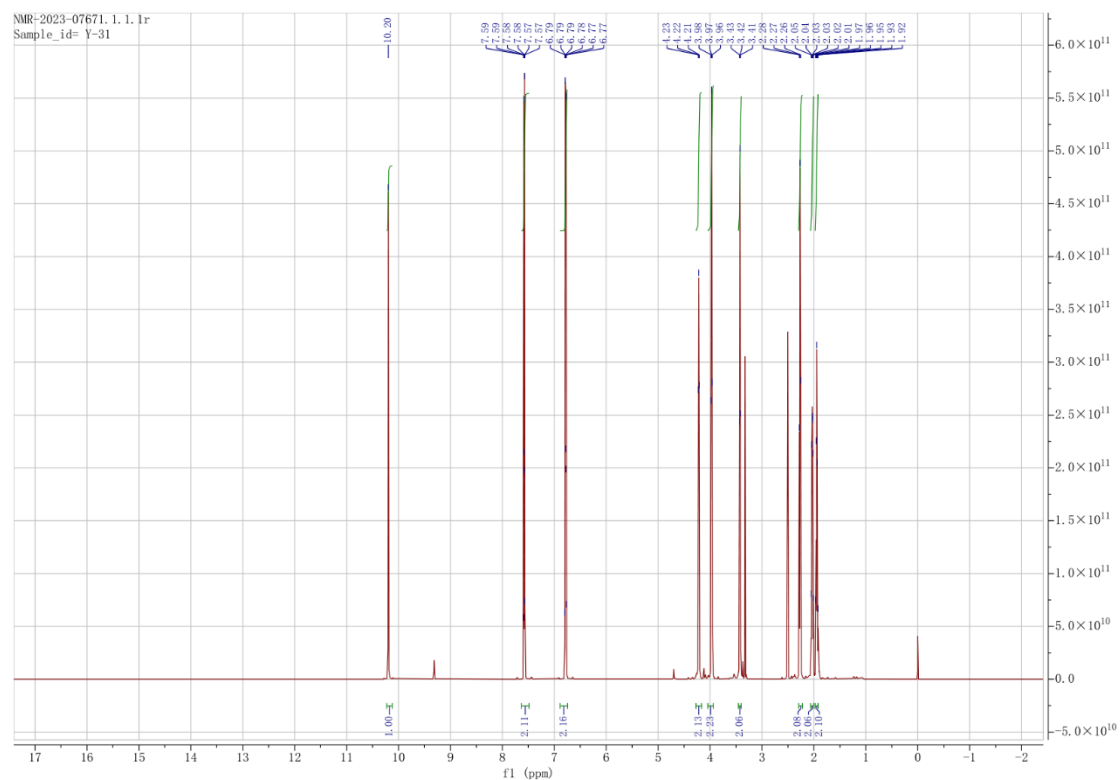
The ^{13}C NMR spectrum of compound Y-28



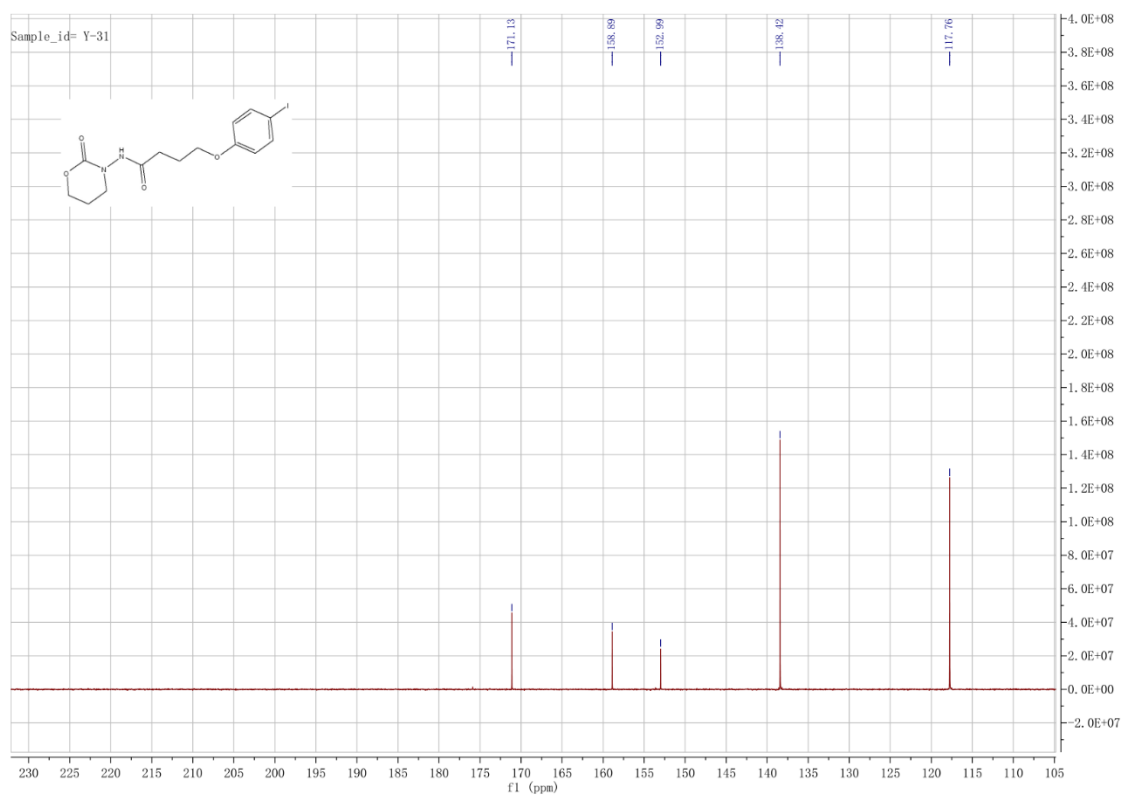
The ^1H -NMR spectrum of compound Y-29



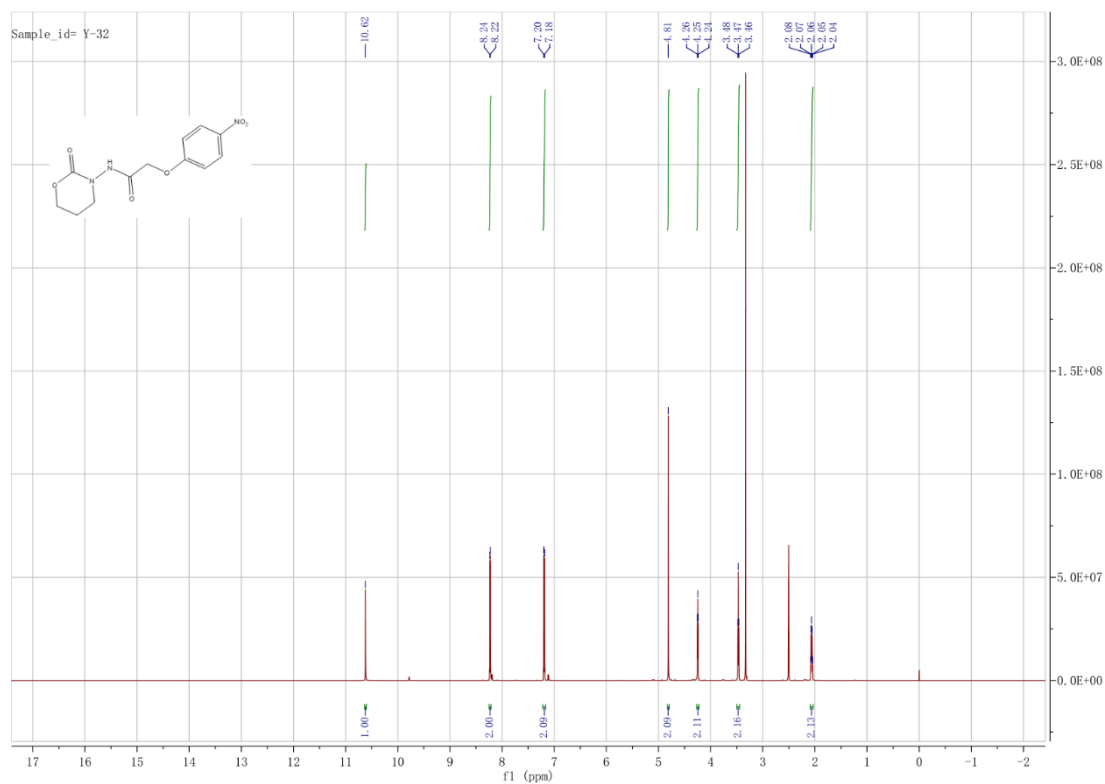
The ^{13}C NMR spectrum of compound Y-29



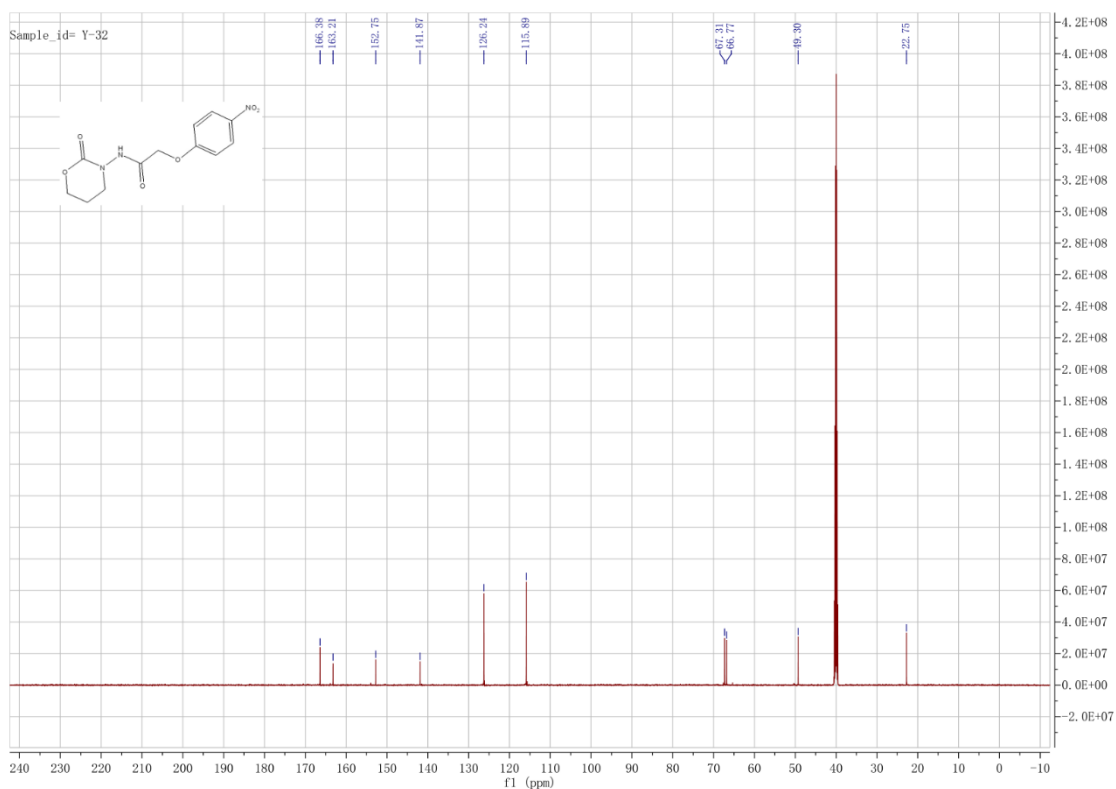
The ^1H -NMR spectrum of compound Y-31



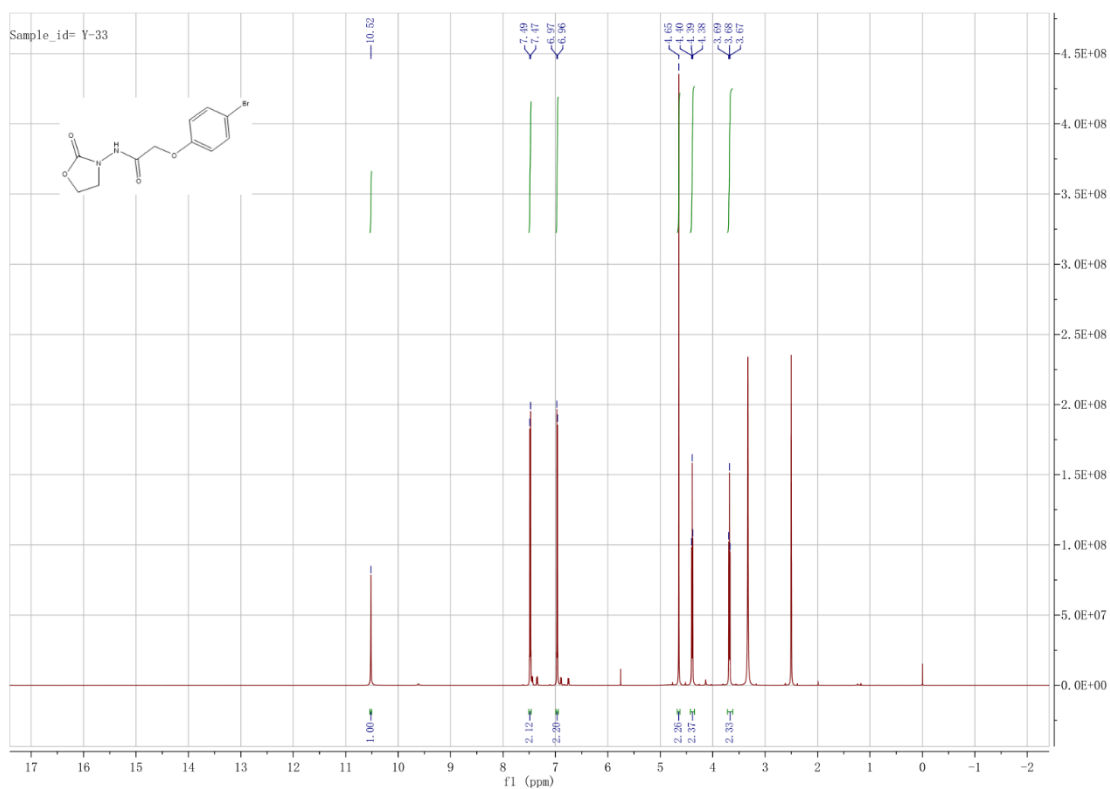
The ^{13}C NMR spectrum of compound Y-31



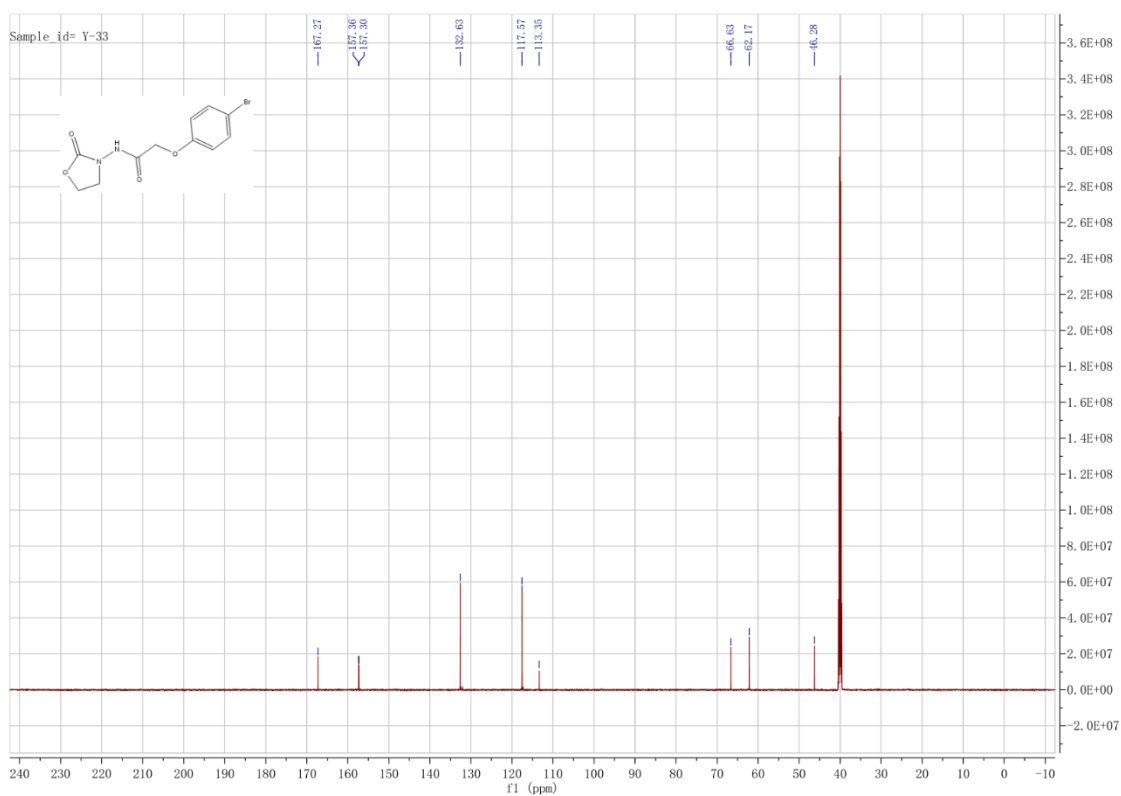
The ^1H -NMR spectrum of compound Y-32



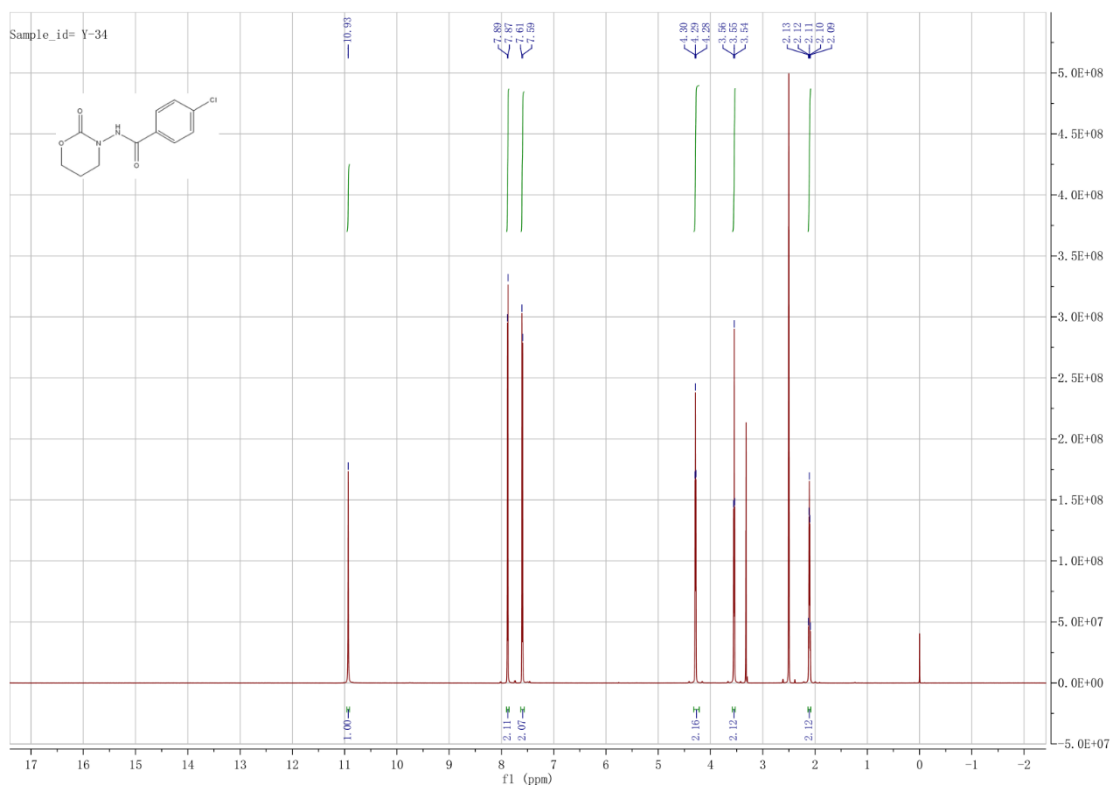
The ^{13}C NMR spectrum of compound Y-32



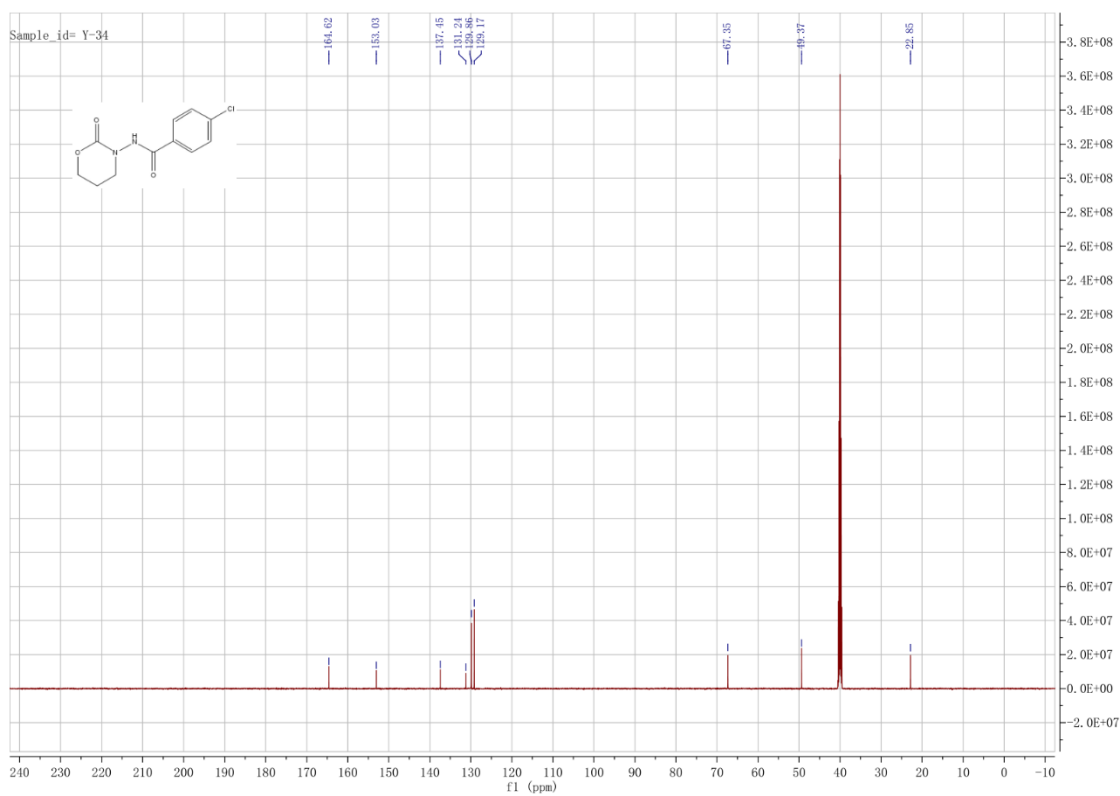
The ^1H -NMR spectrum of compound Y-33



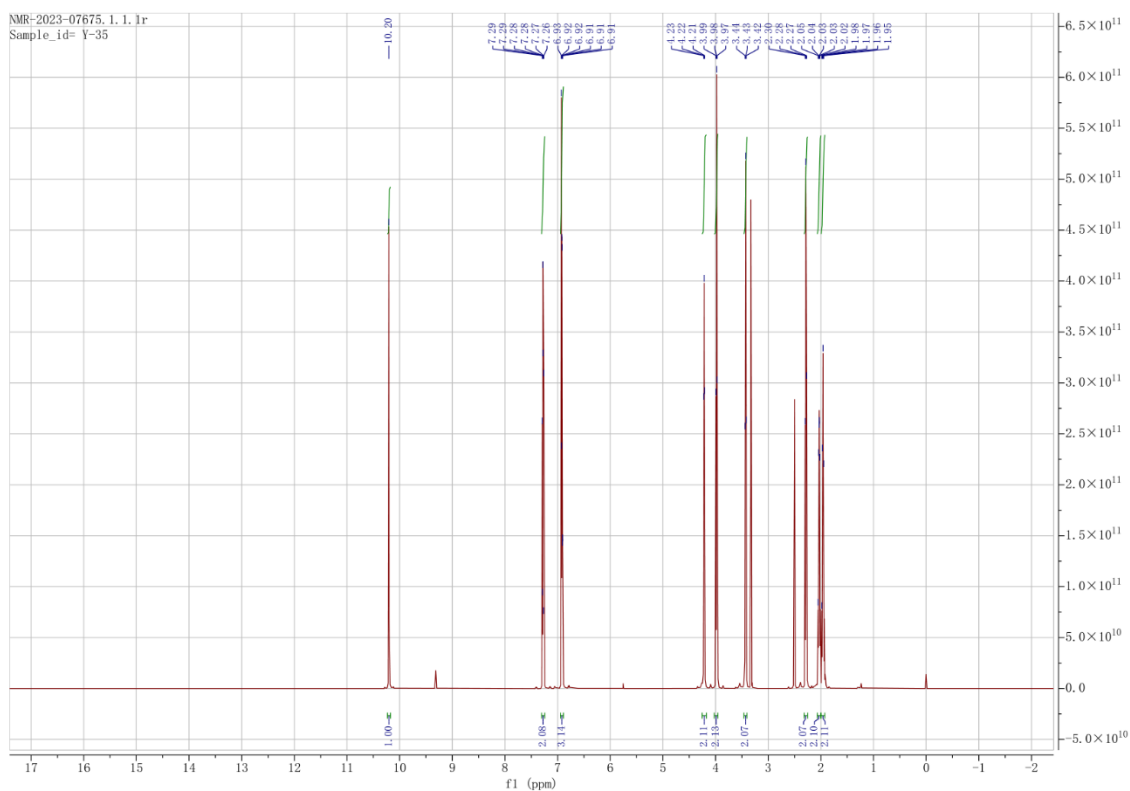
The ^{13}C NMR spectrum of compound Y-33

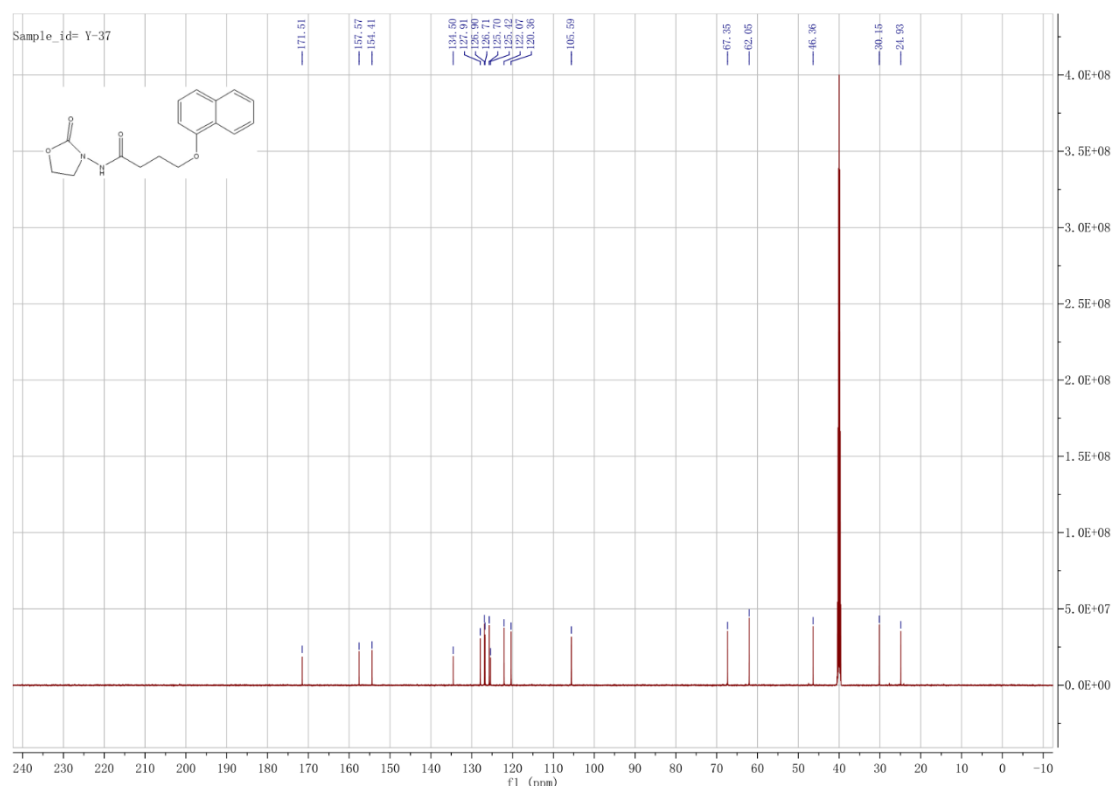
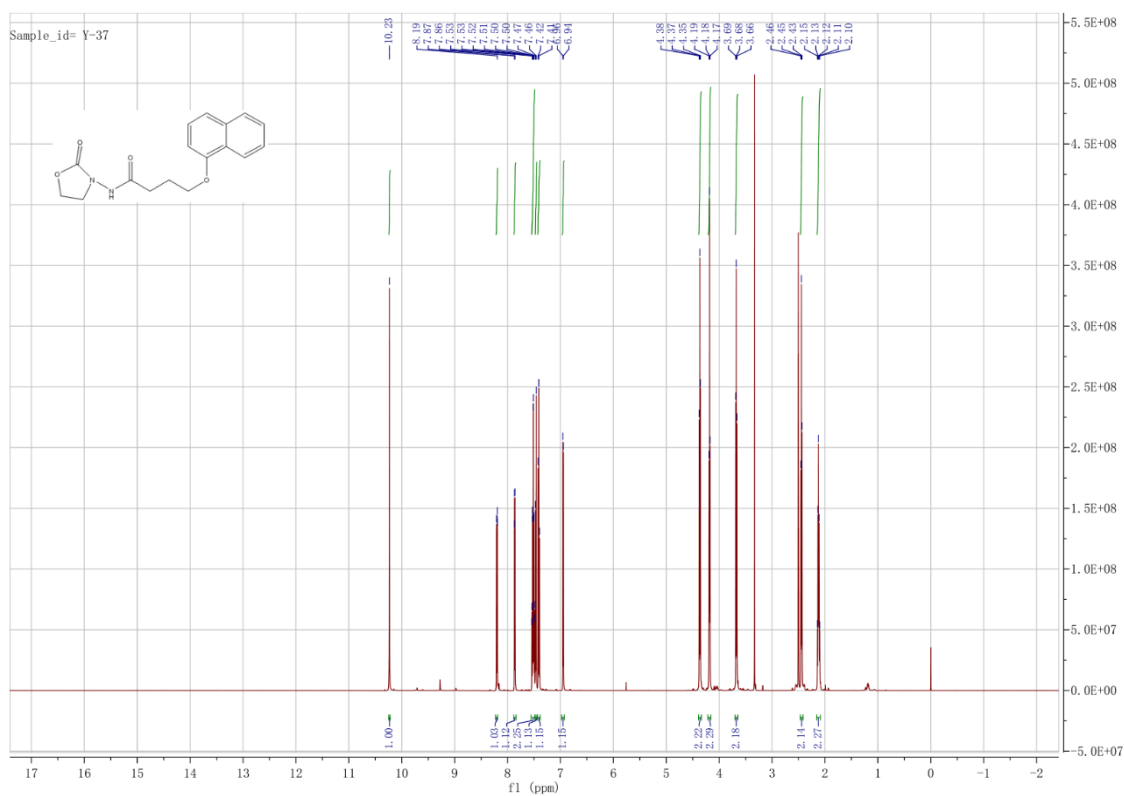


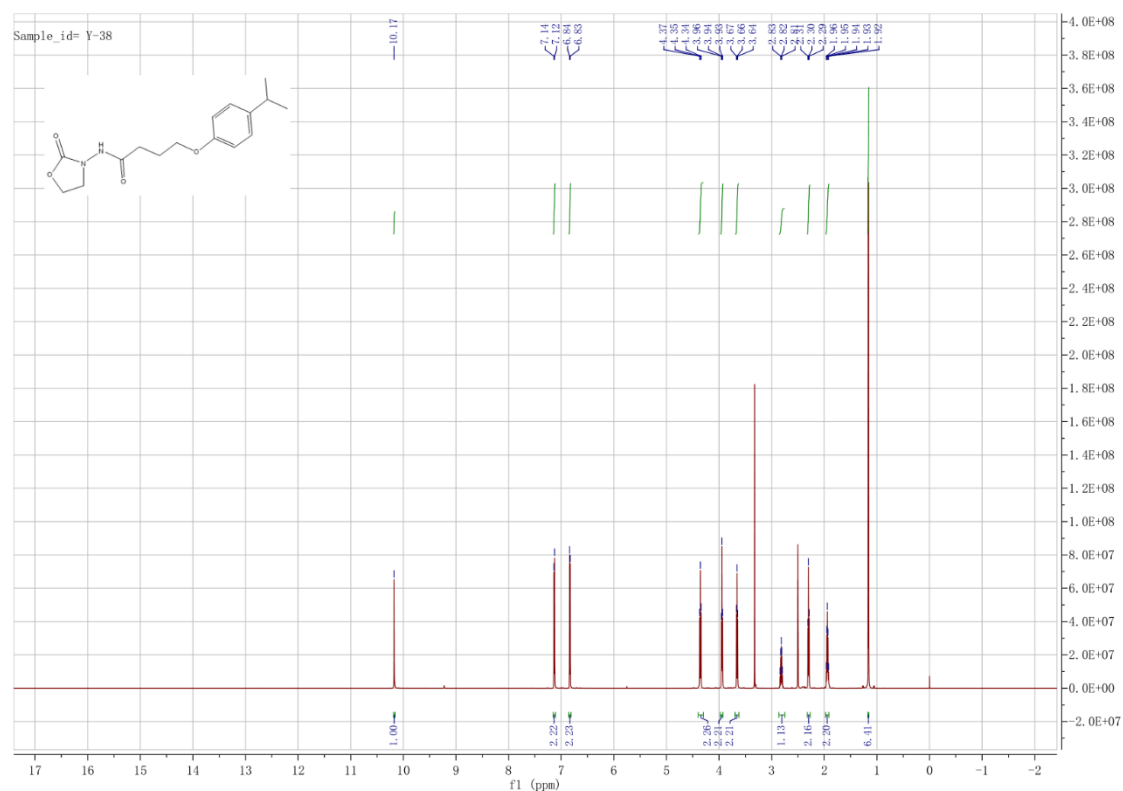
The ^1H -NMR spectrum of compound Y-34

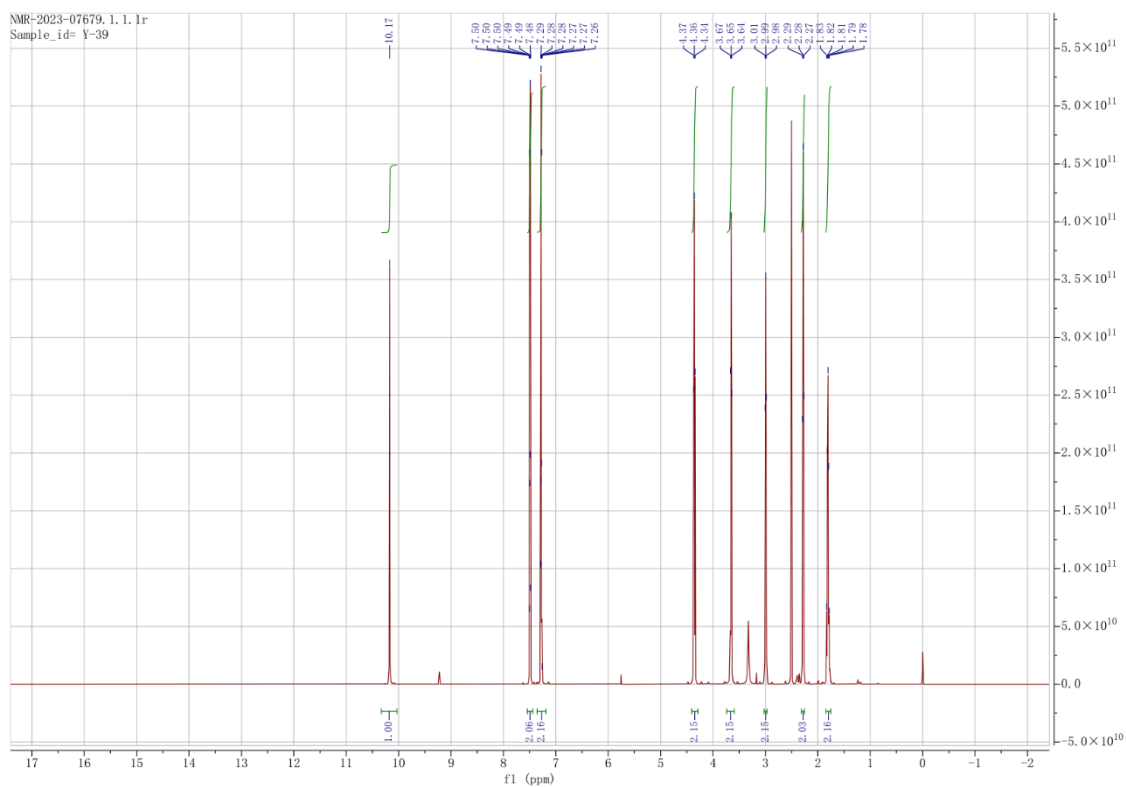


The ^{13}C NMR spectrum of compound Y-34

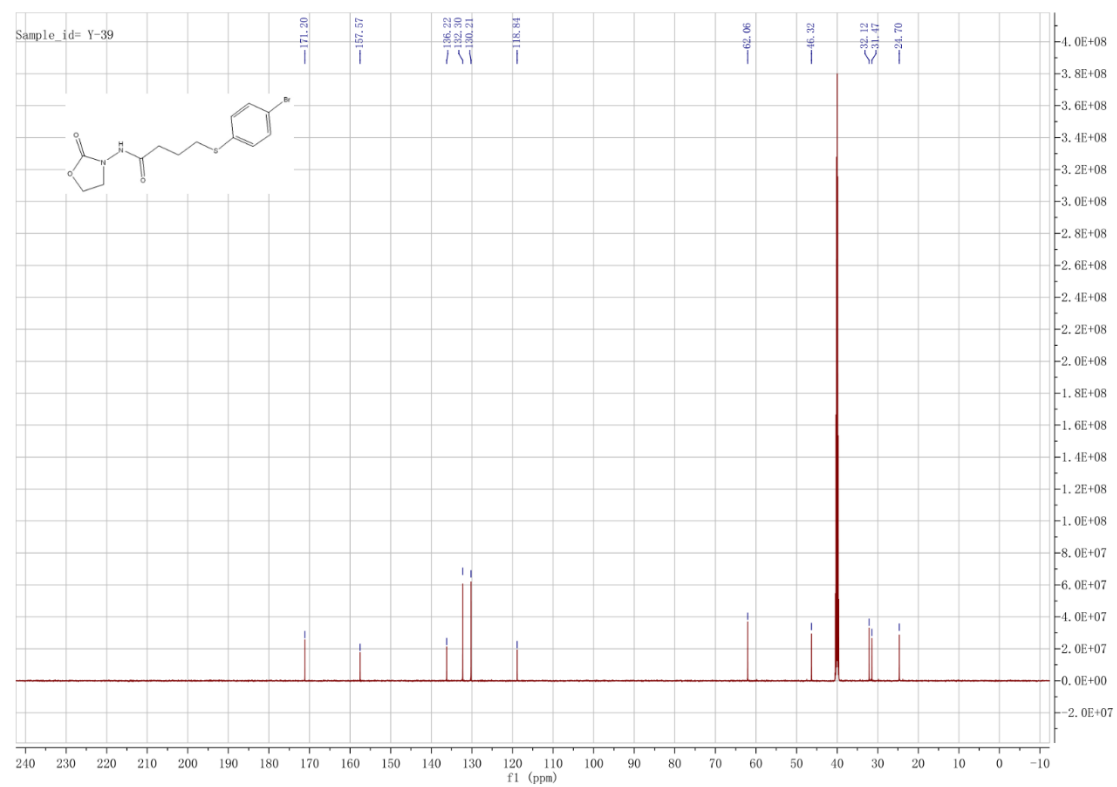








The ^1H -NMR spectrum of compound Y-39



The ^{13}C NMR spectrum of compound Y-39

