

Supplementary Materials

**Selective C-O coupling reaction of *N*-methoxy arylamides and
arylboric acids catalyzed by copper salt**

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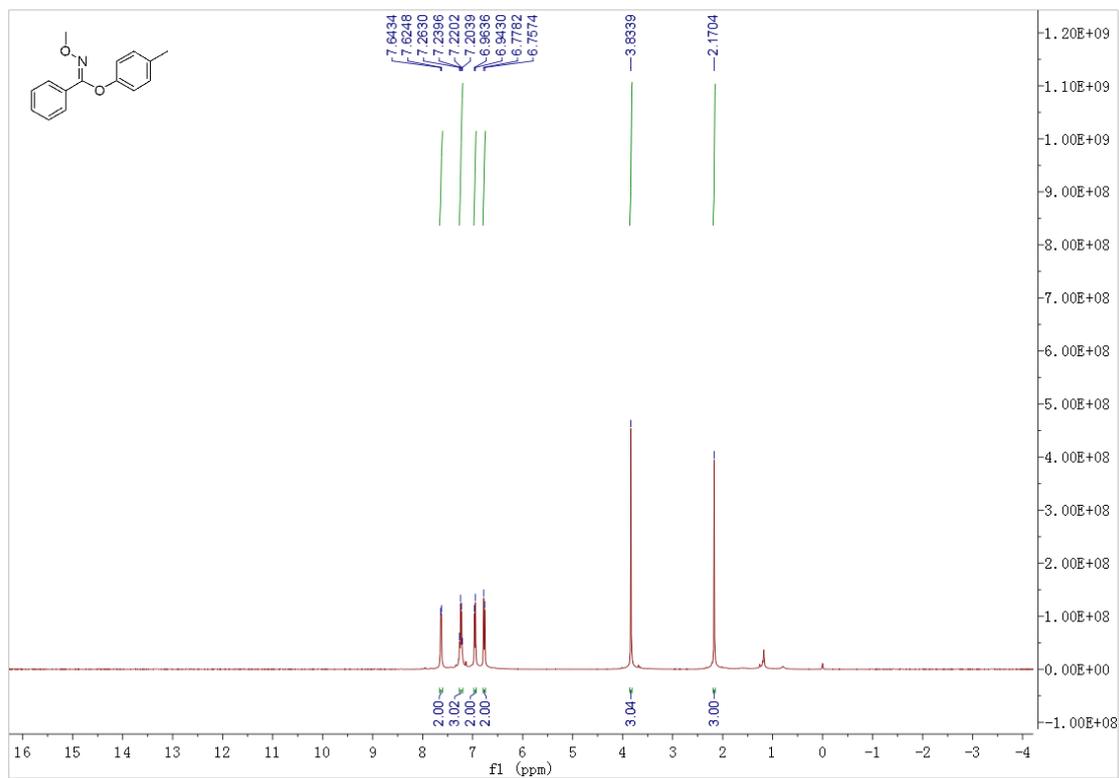
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liukunming@jxust.edu.cn (K. Liu), liujinbiao@jxust.edu.cn (J.-B. Liu).

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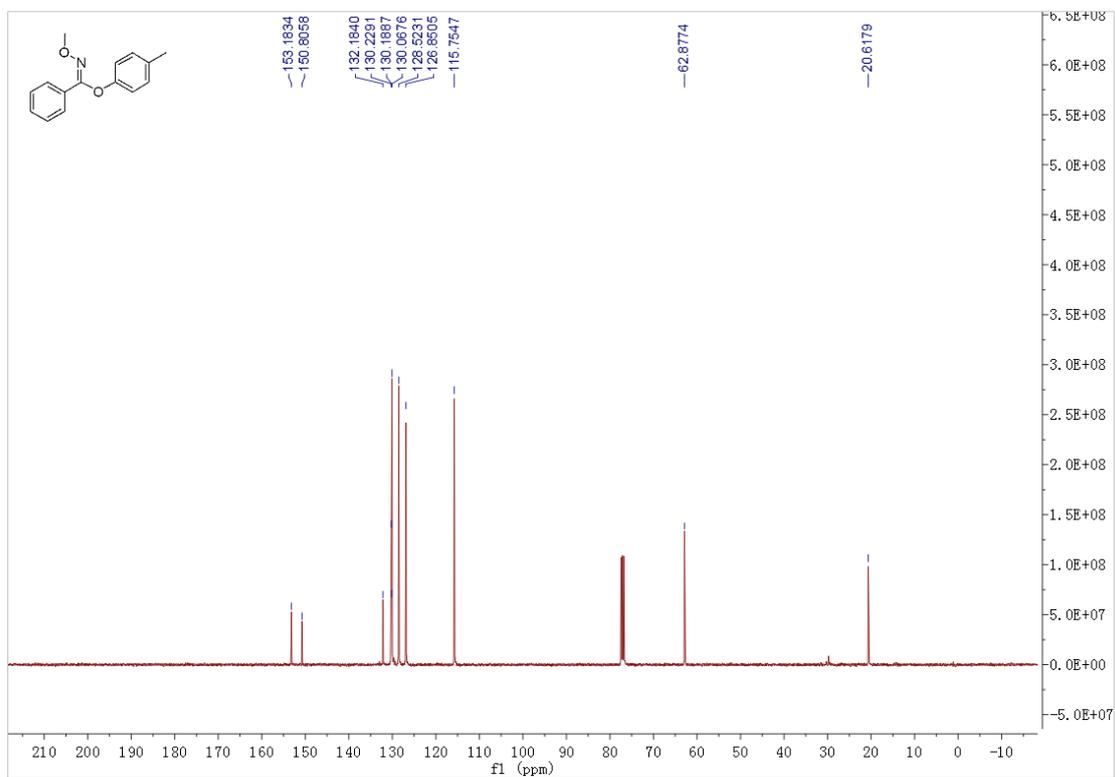
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1. The ^1H and ^{13}C NMR Spectra of Compounds **3a-3z**.

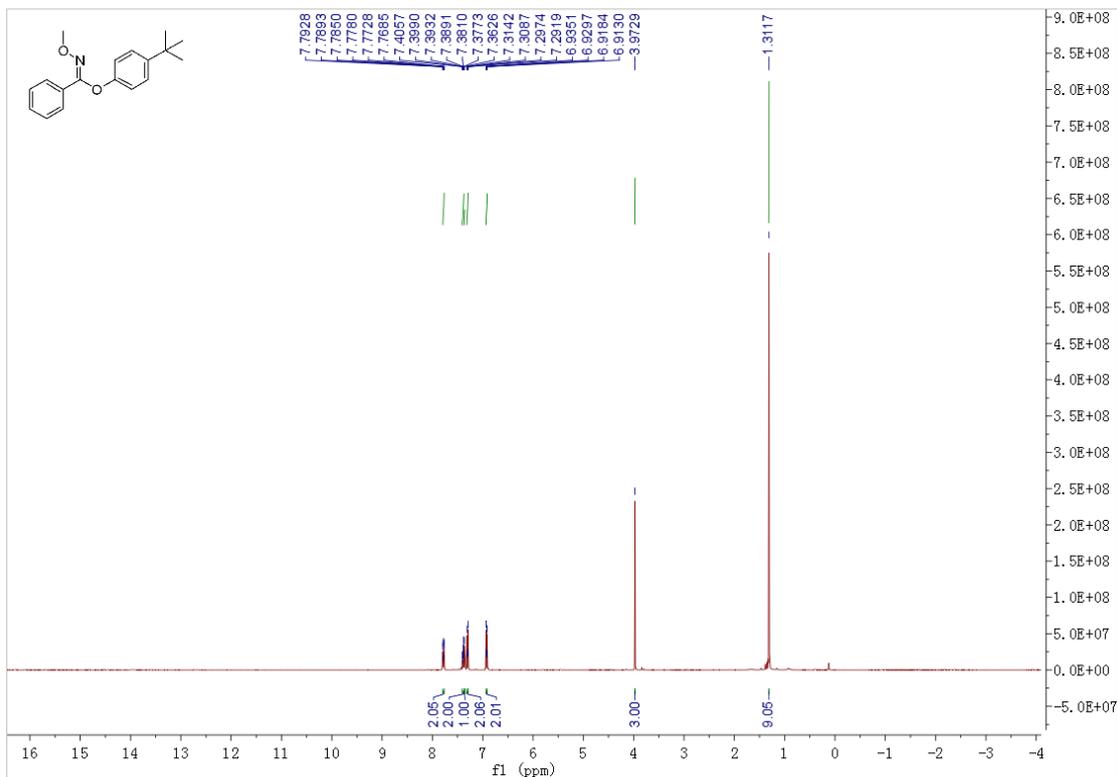
^1H NMR spectrum (400 MHz, CDCl_3) of compound **3a**



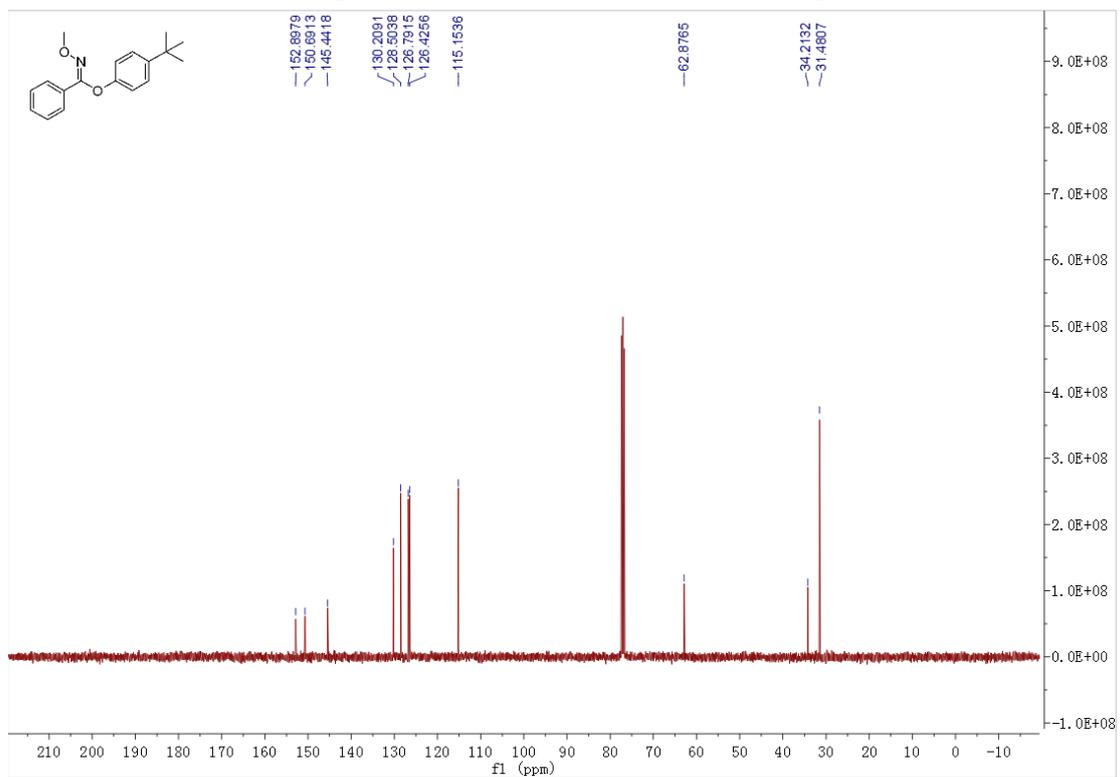
^{13}C NMR spectrum (400 MHz, CDCl_3) of compound **3a**



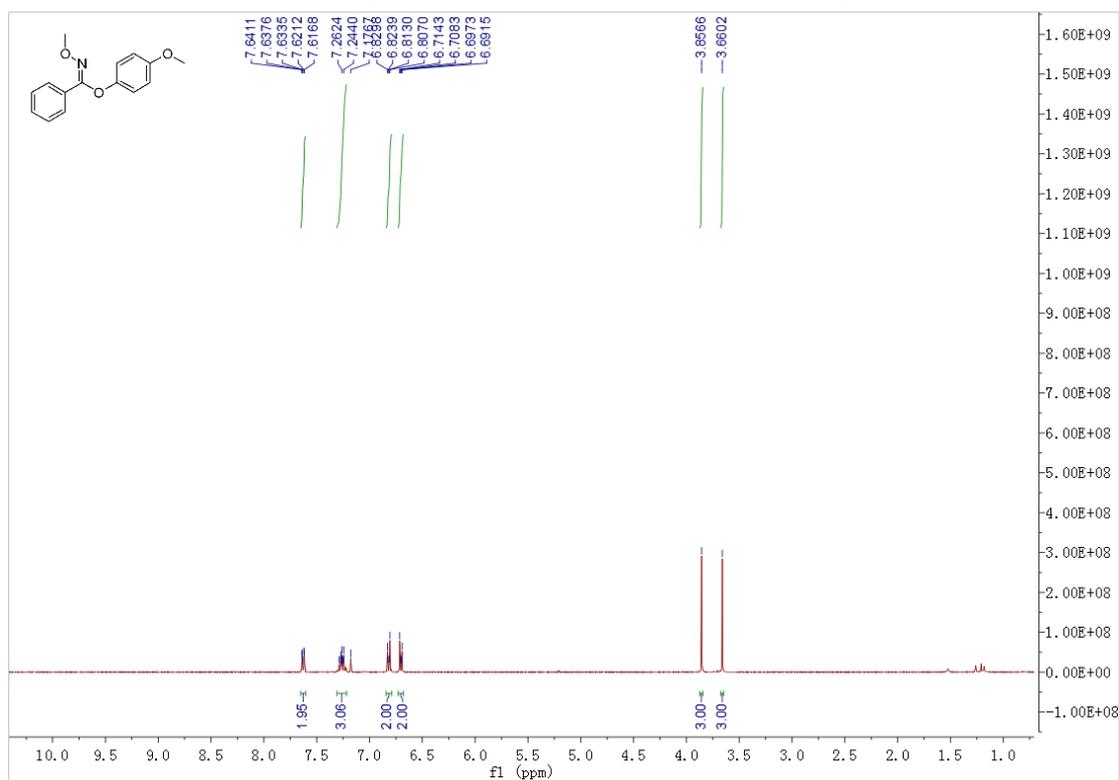
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3b



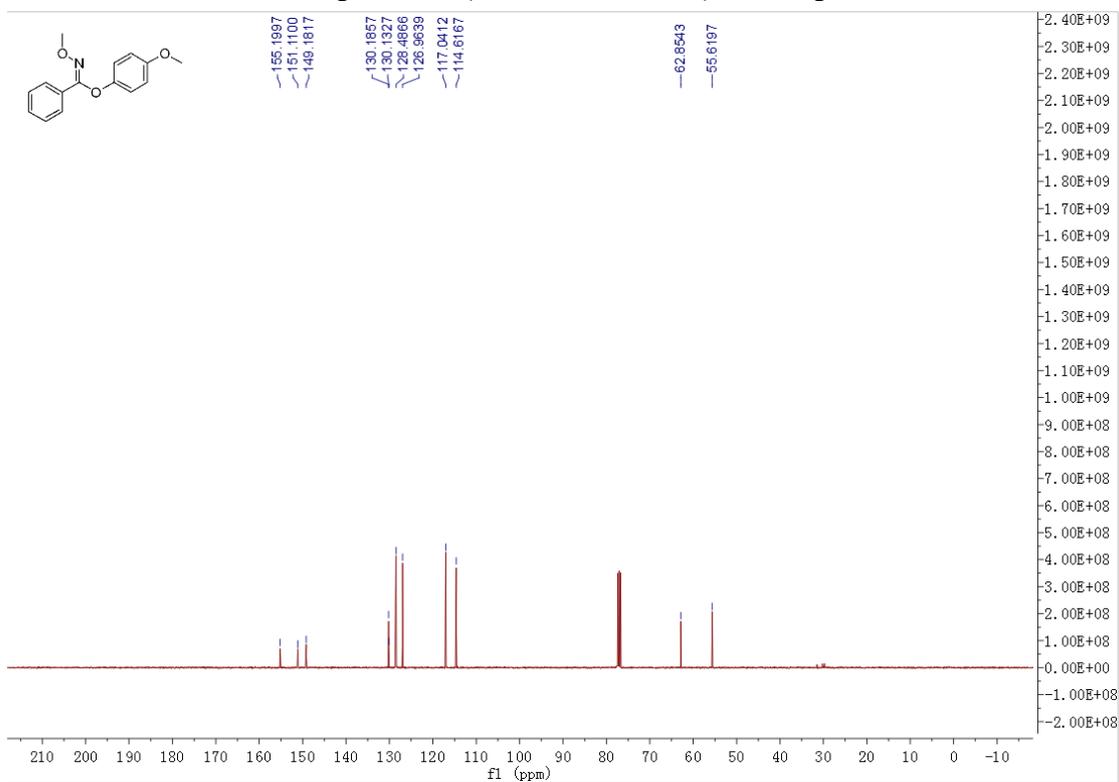
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3b



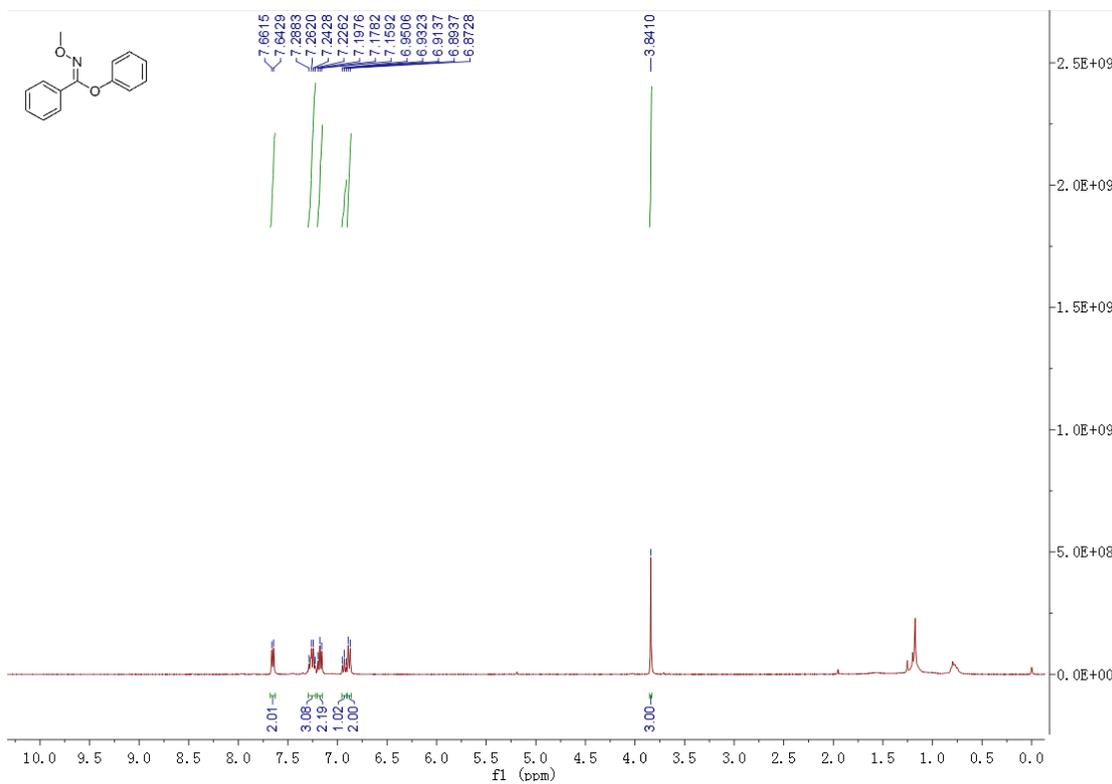
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3c



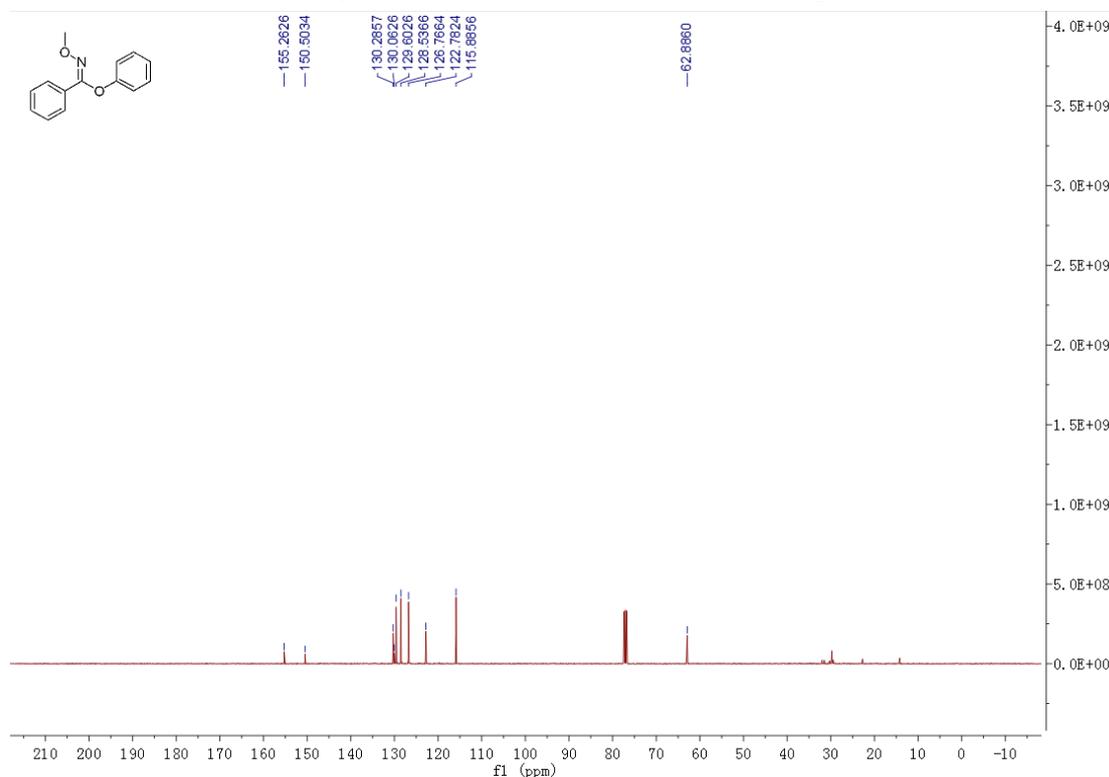
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3c



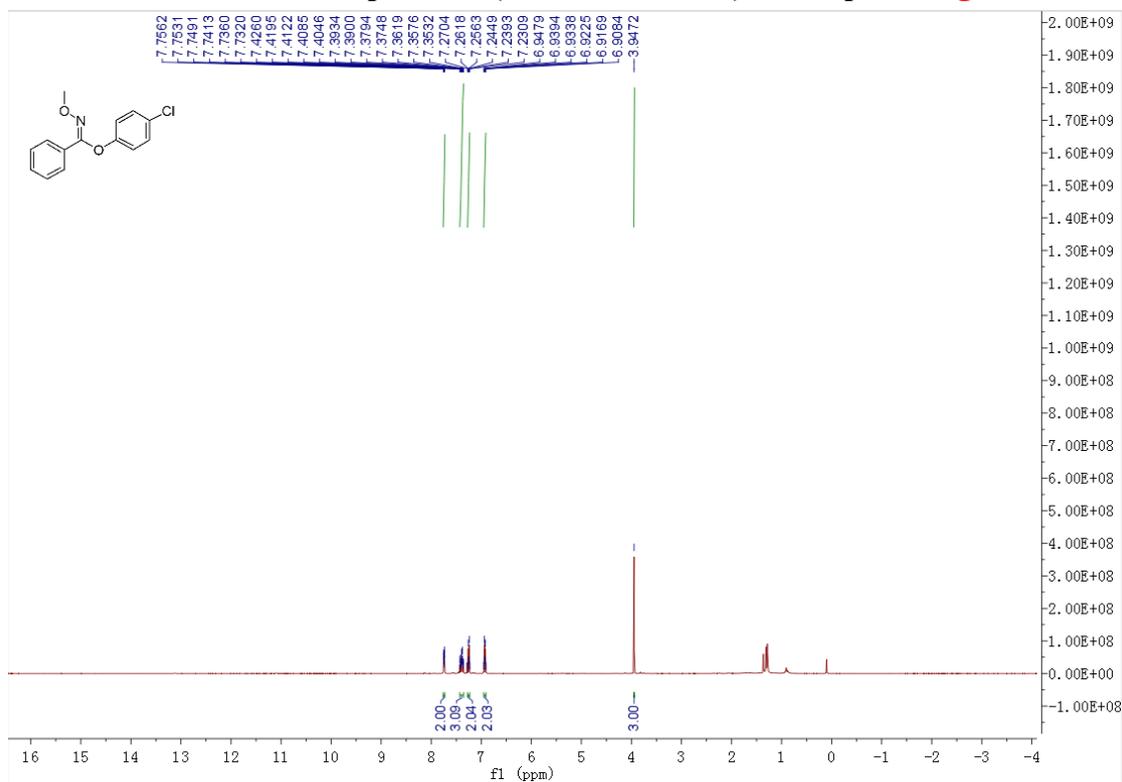
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3d



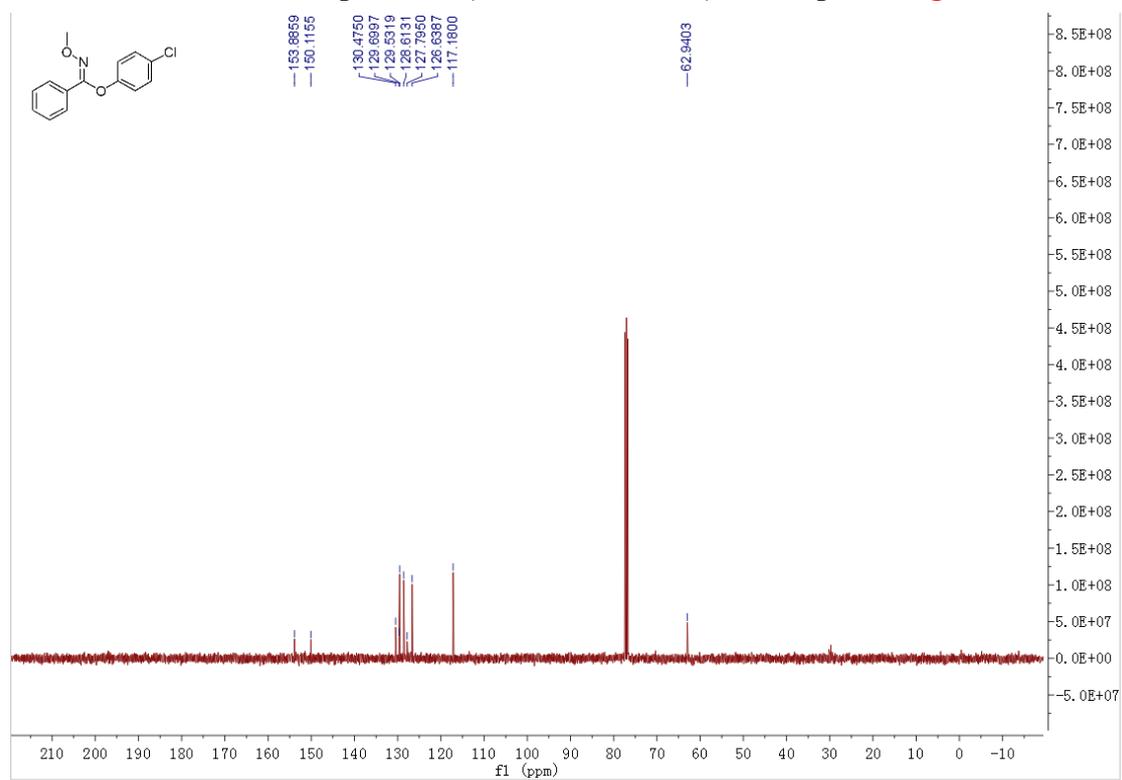
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3d



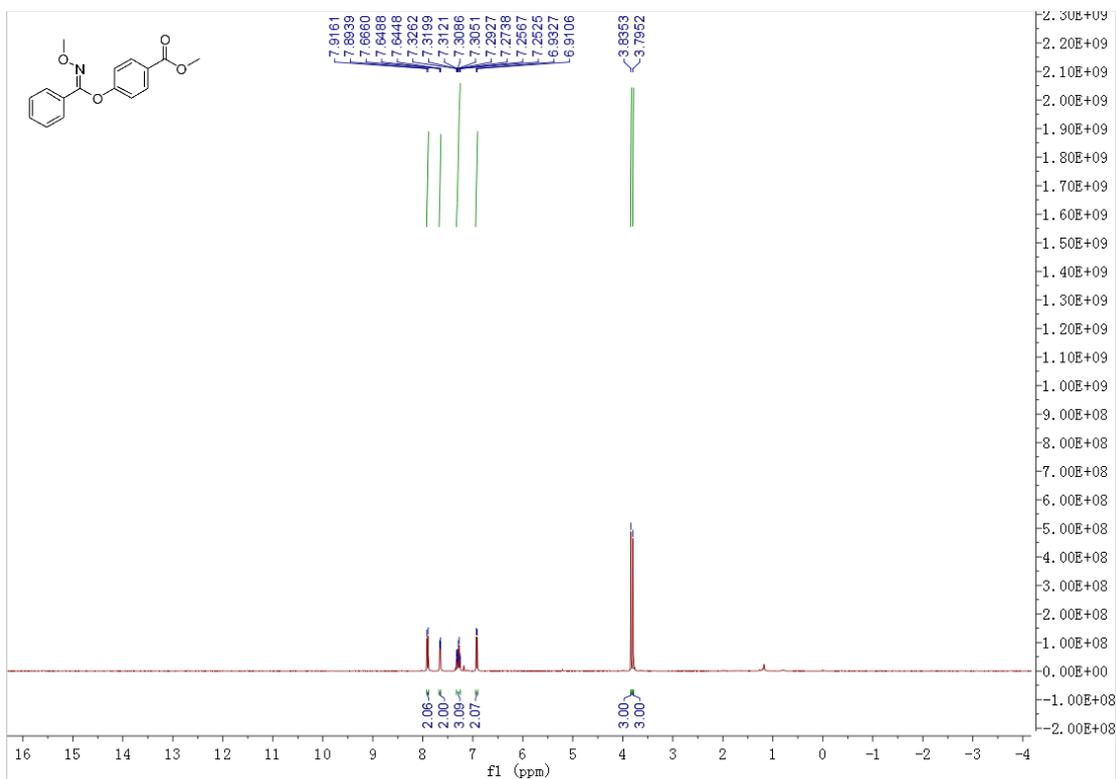
¹H NMR spectrum (400 MHz, CDCl₃) of compound **3g**



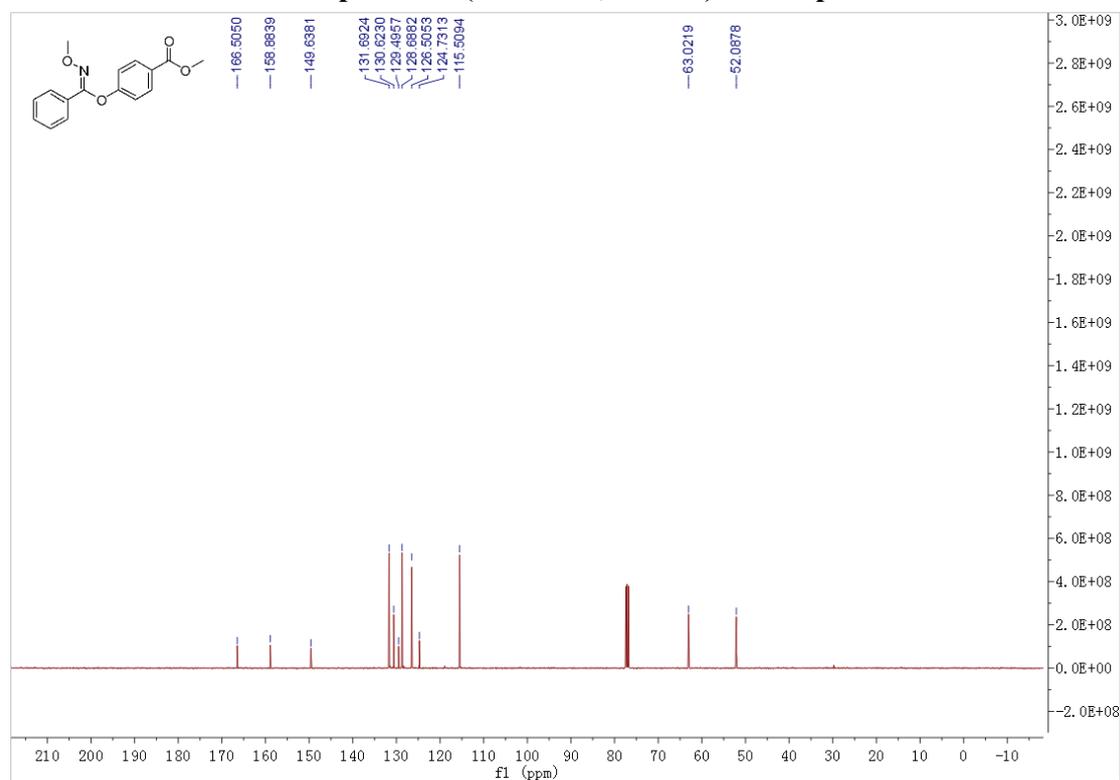
¹³C NMR spectrum (400 MHz, CDCl₃) of compound **3g**



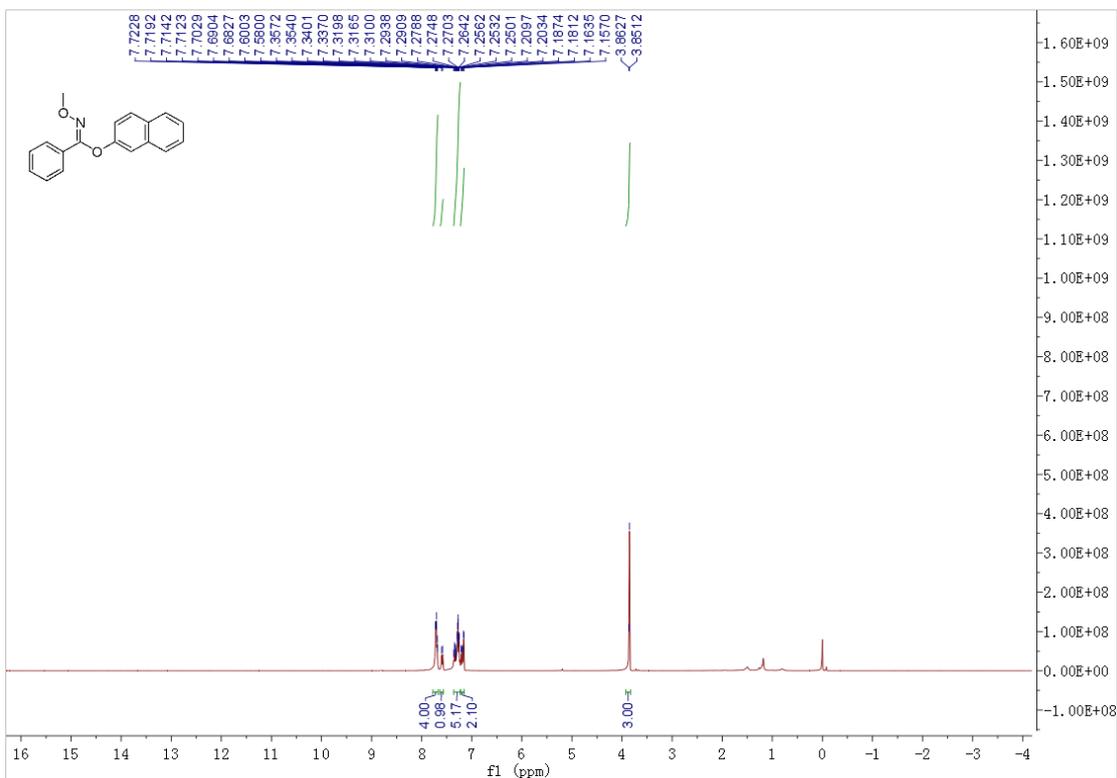
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3h



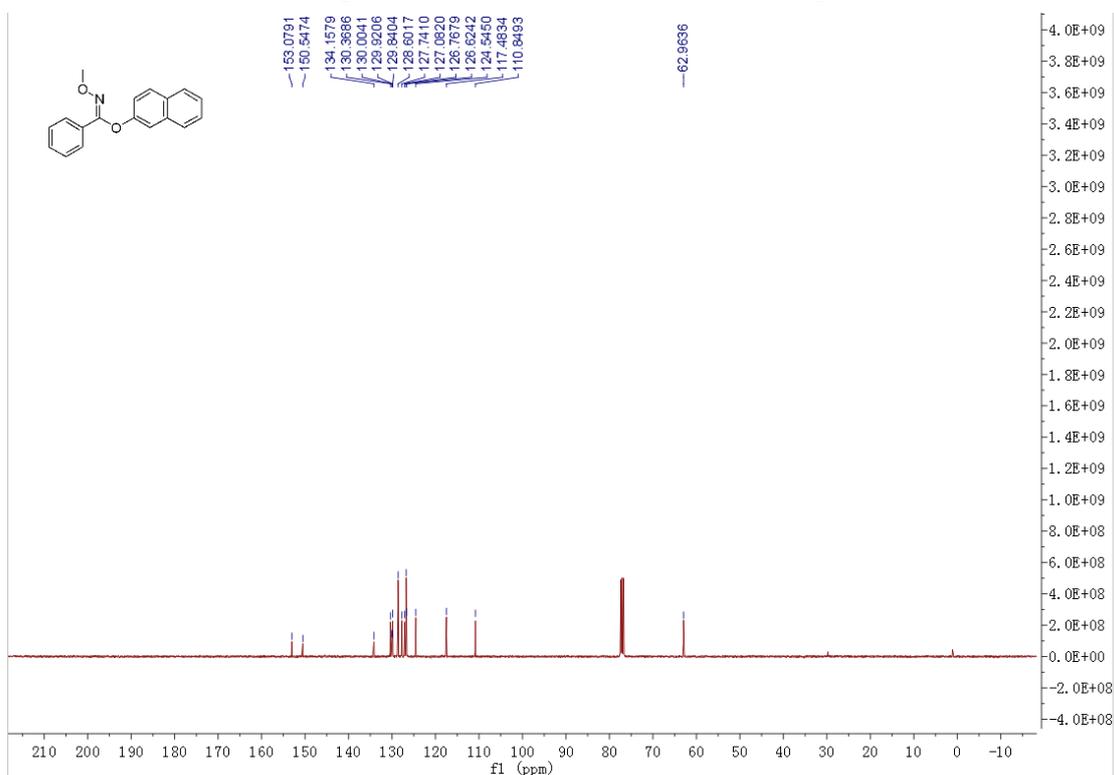
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3h



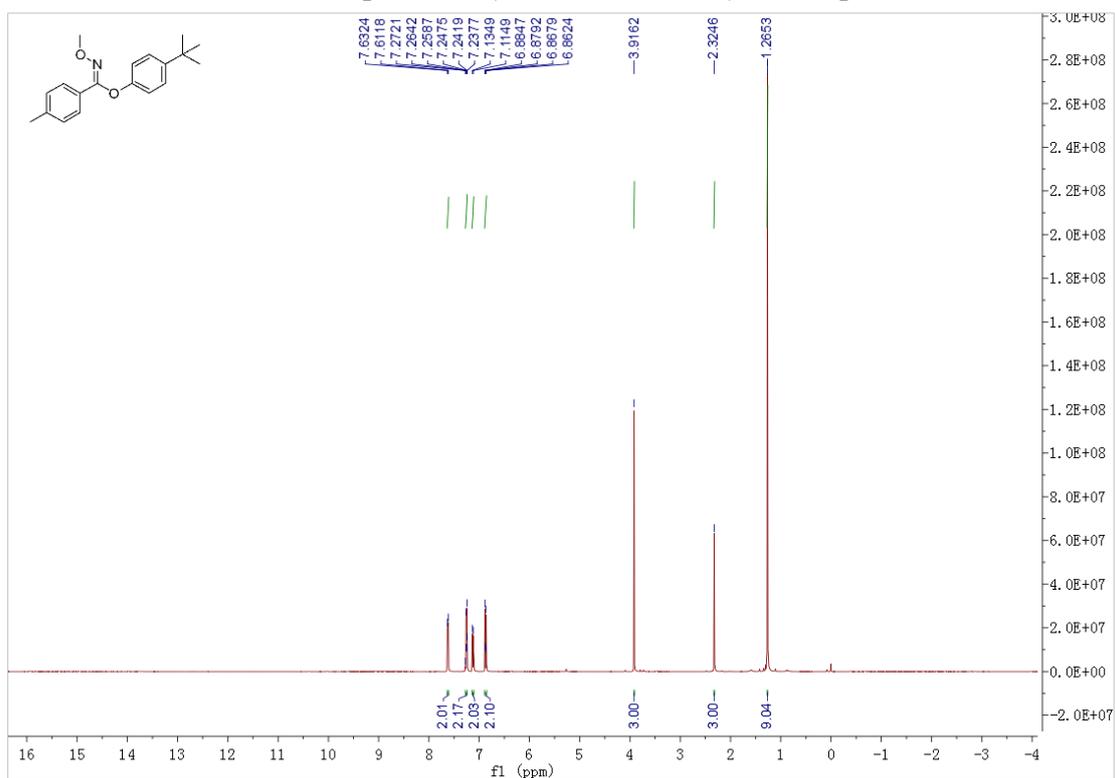
¹H NMR spectrum (400 MHz, CDCl₃) of compound 31



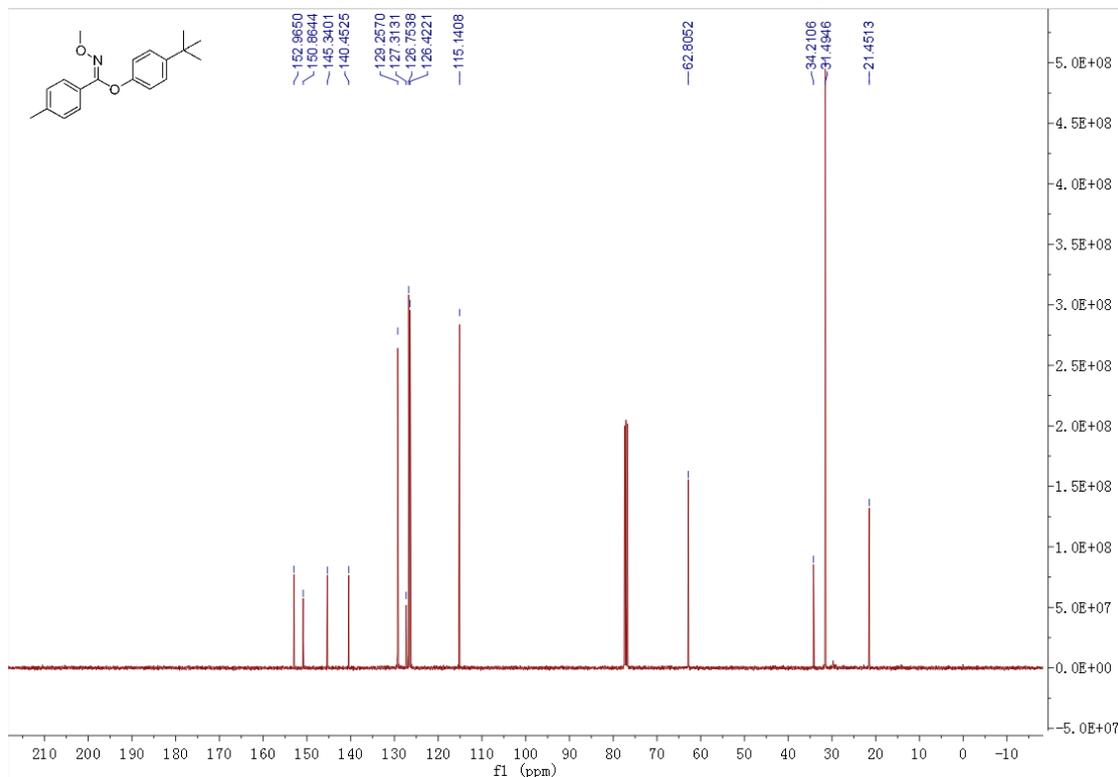
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 31



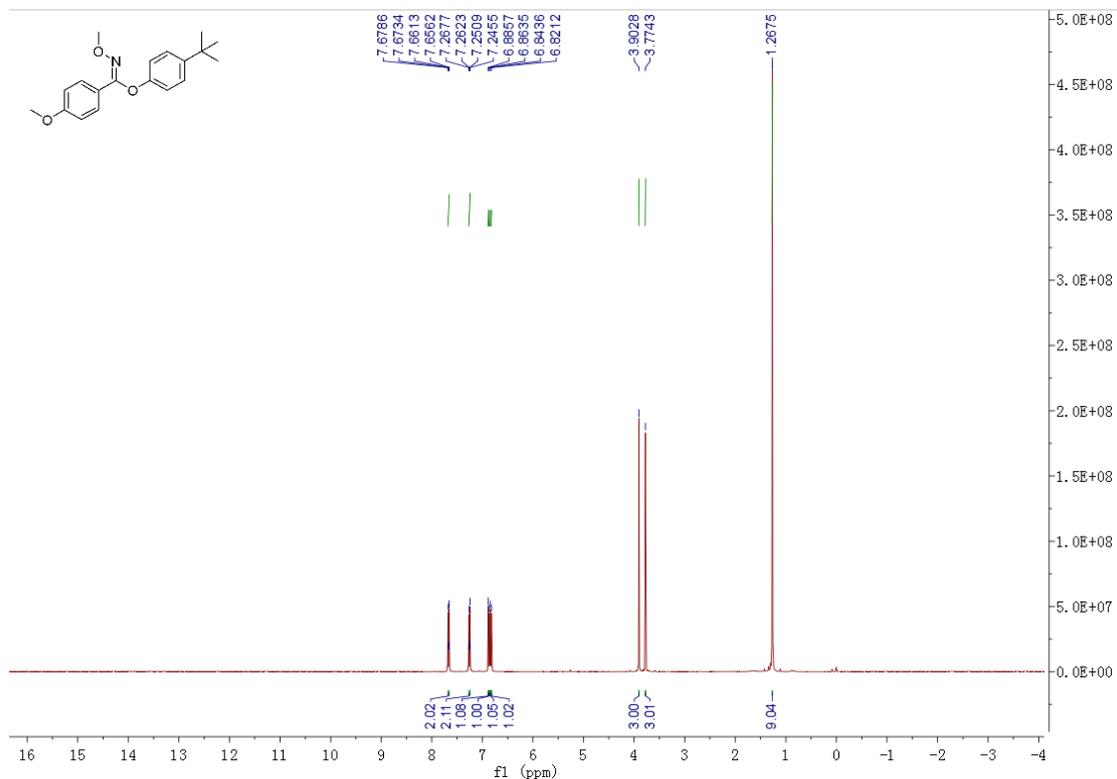
¹H NMR spectrum (400 MHz, CDCl₃) of compound **3o**



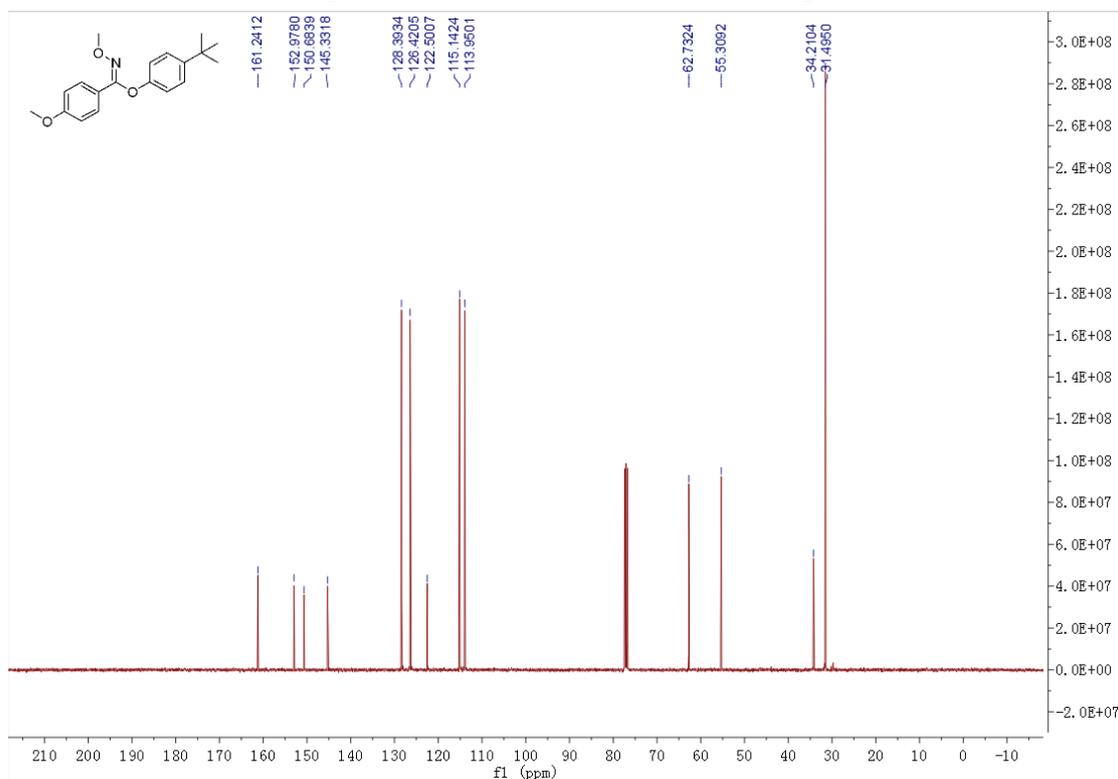
¹³C NMR spectrum (400 MHz, CDCl₃) of compound **3o**



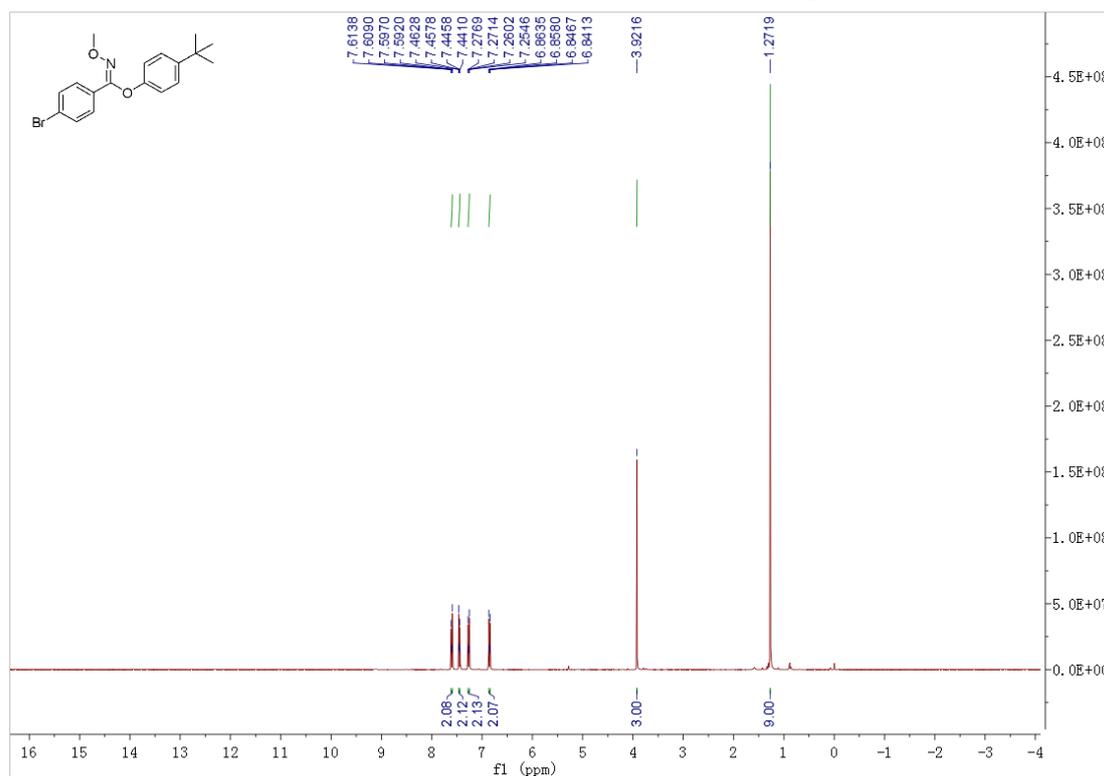
¹H NMR spectrum (400 MHz, CDCl₃) of compound **3p**



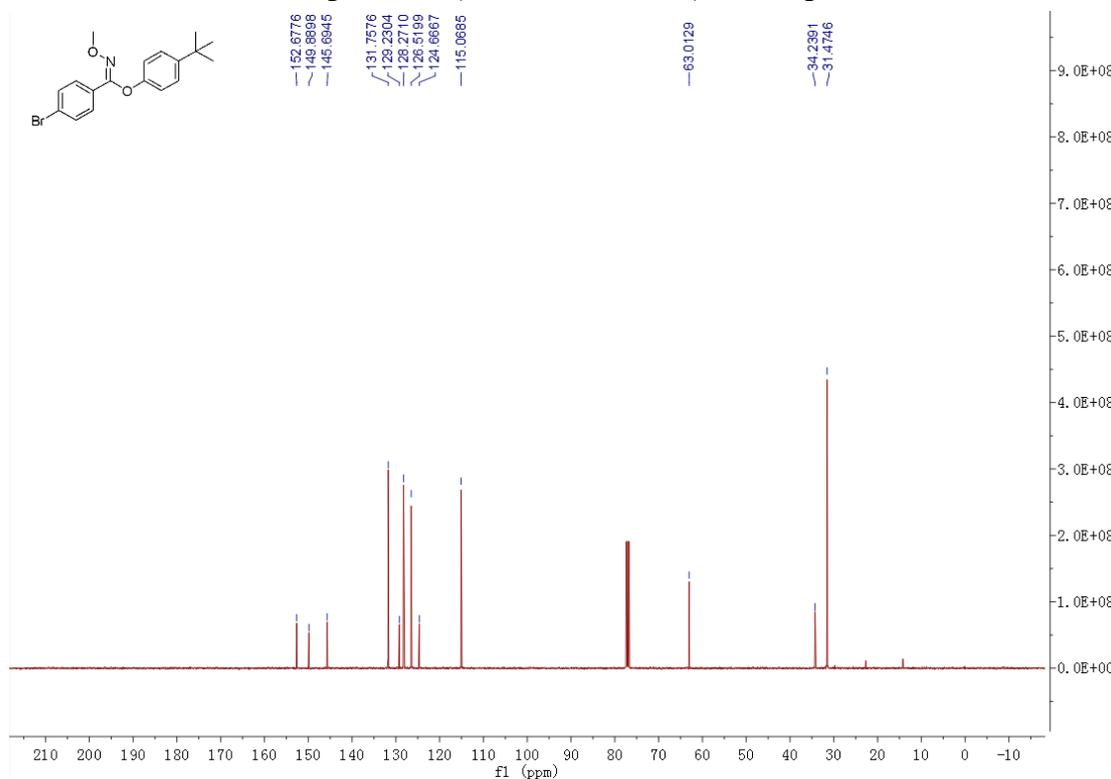
¹³C NMR spectrum (400 MHz, CDCl₃) of compound **3p**



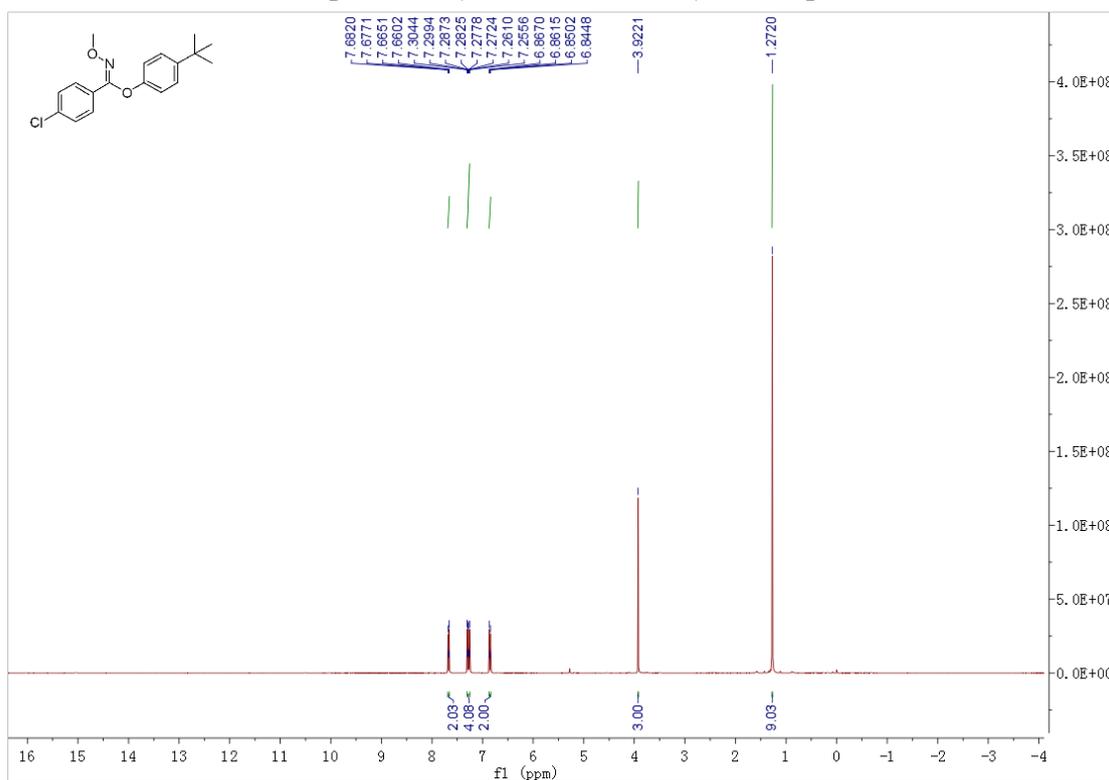
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3r



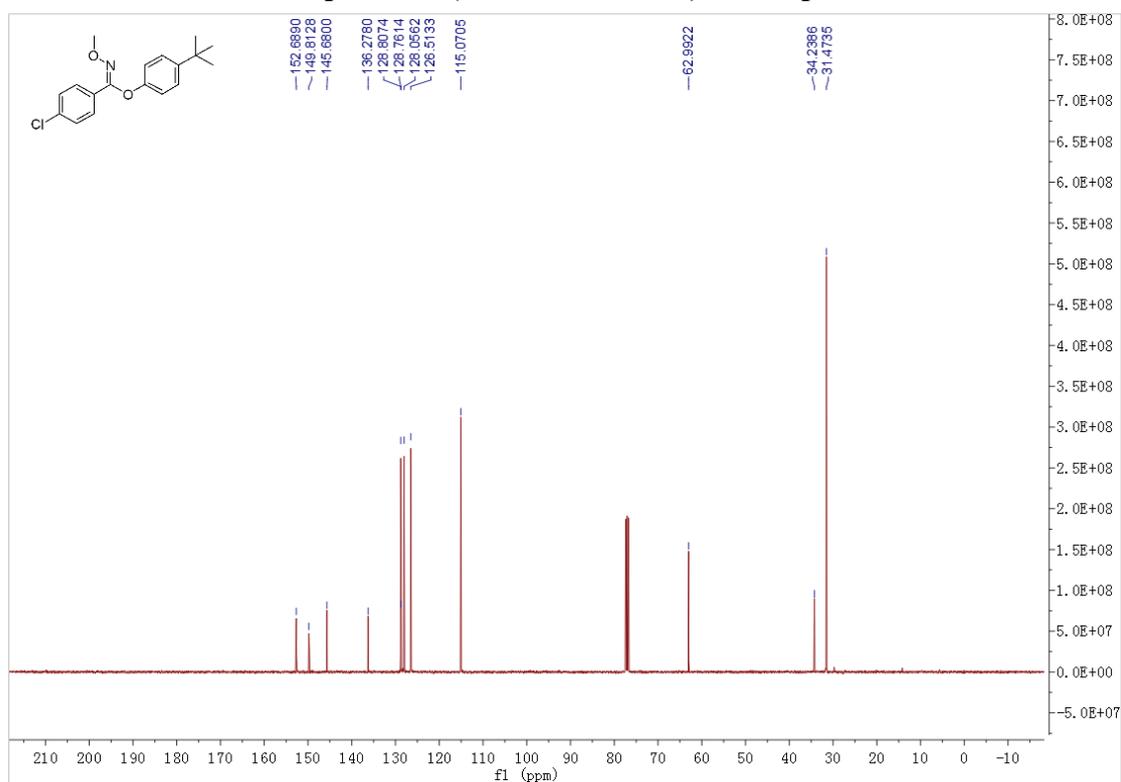
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3r



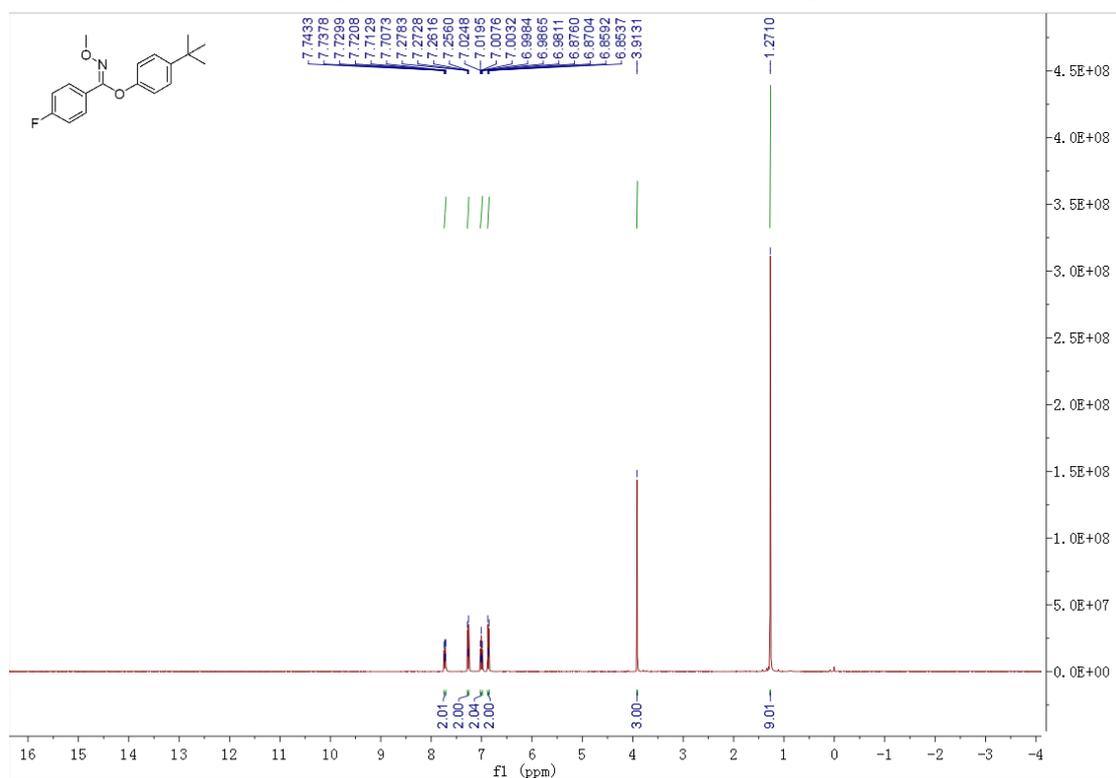
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3s



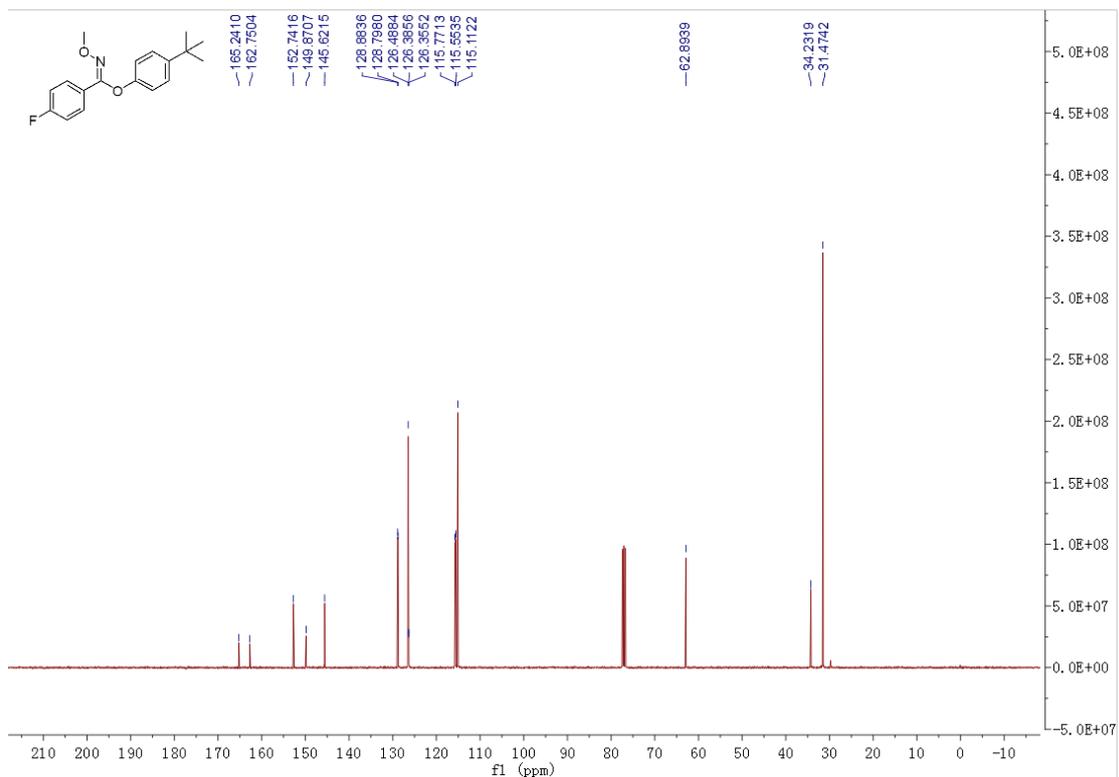
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3s



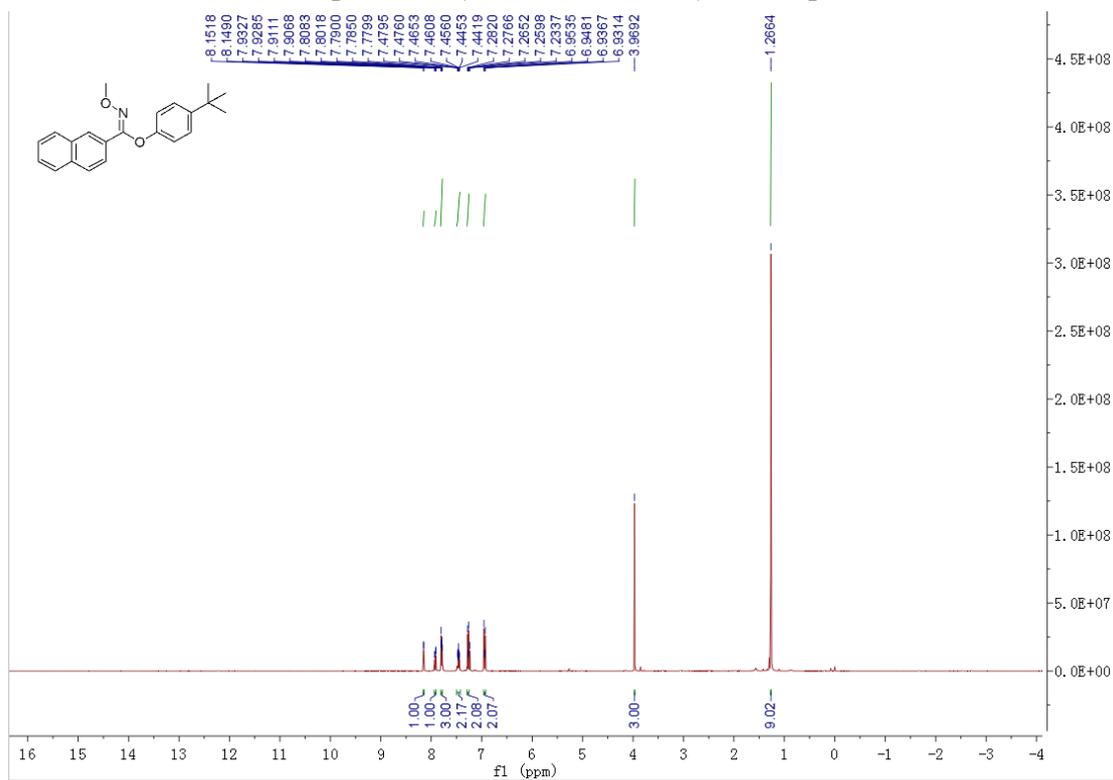
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3t



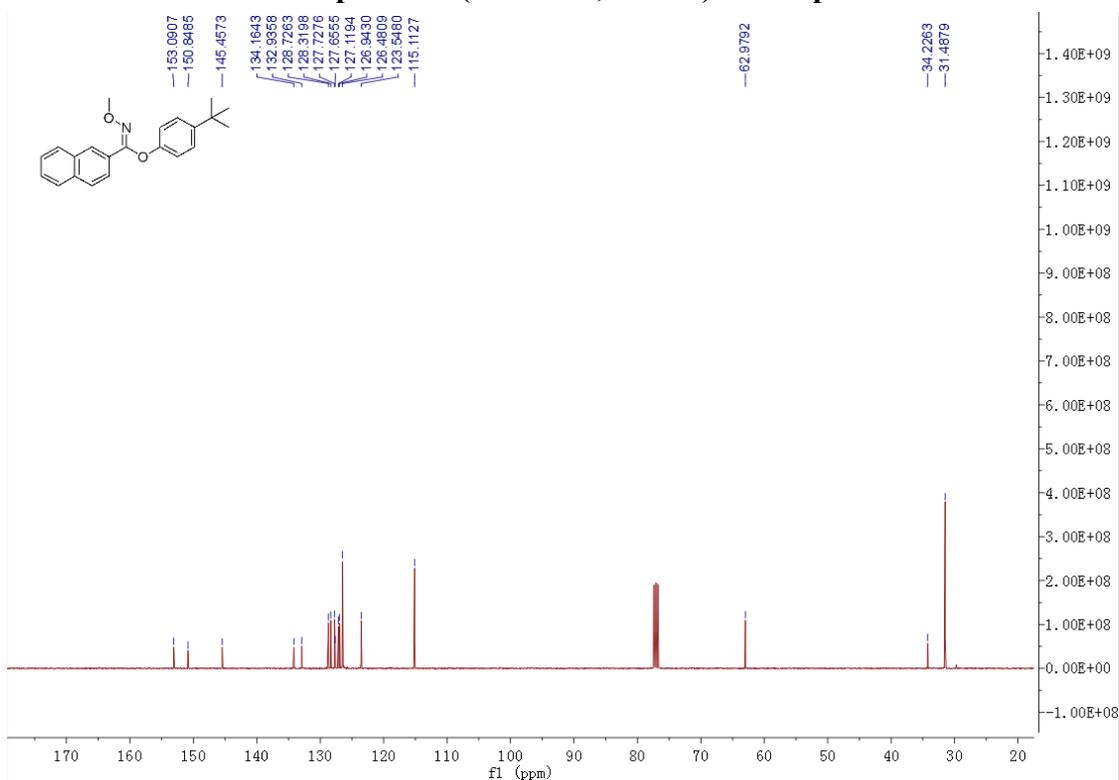
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3t



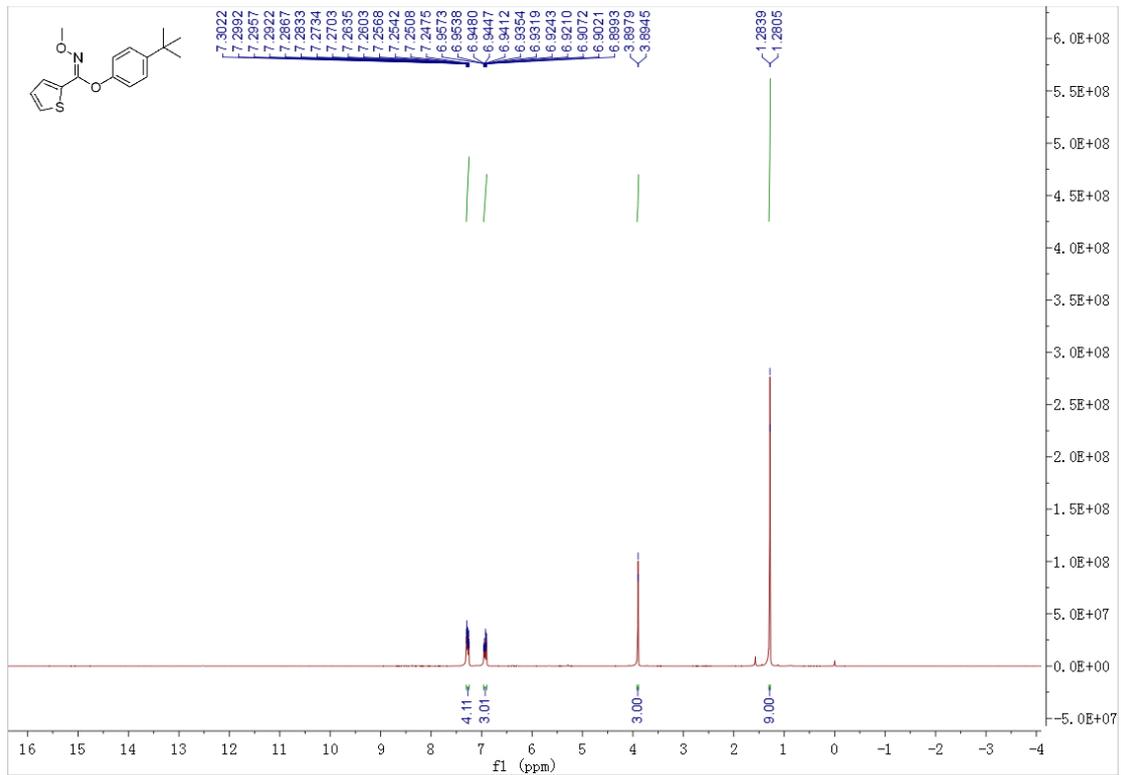
¹H NMR spectrum (400 MHz, CDCl₃) of compound **3u**



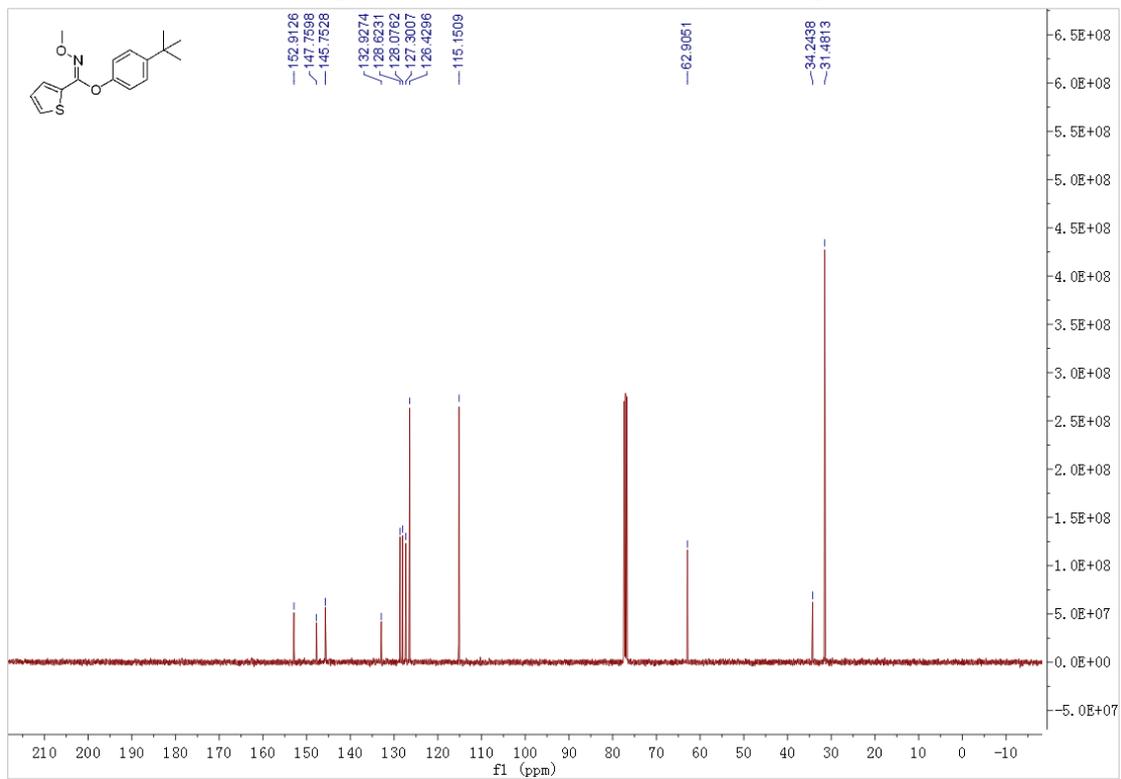
¹³C NMR spectrum (400 MHz, CDCl₃) of compound **3u**



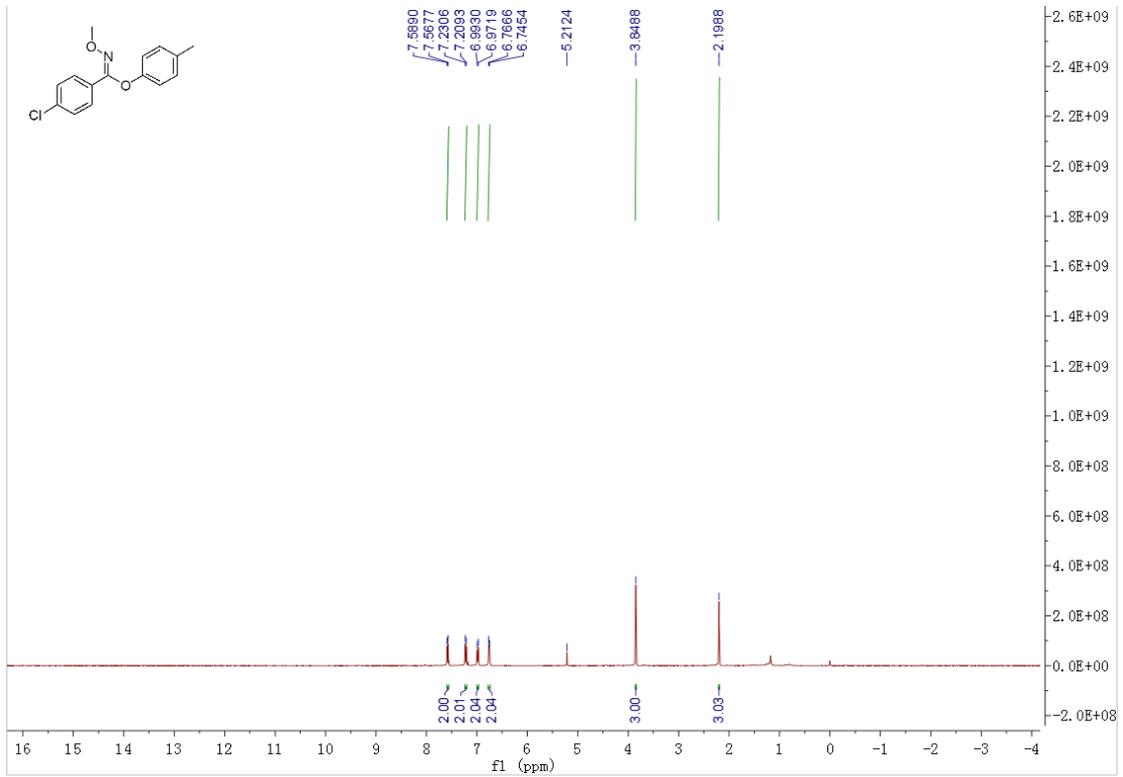
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3v



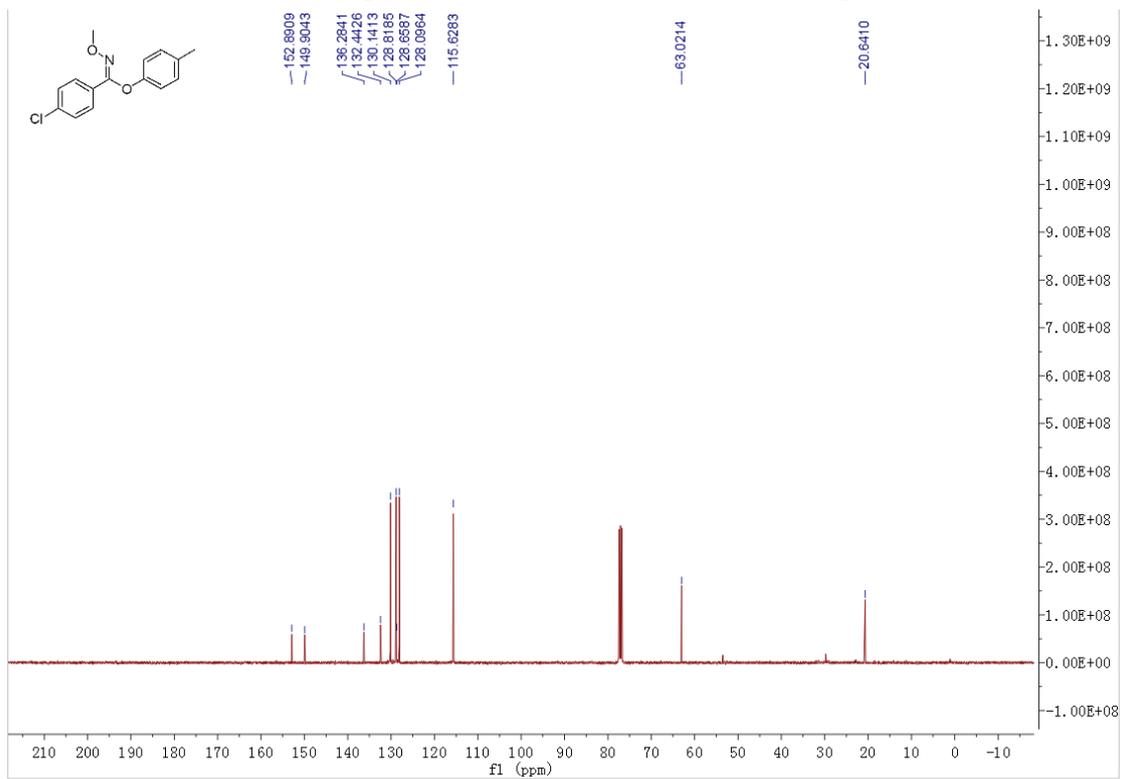
¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3v



¹H NMR spectrum (400 MHz, CDCl₃) of compound **3z**

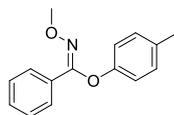


¹³C NMR spectrum (400 MHz, CDCl₃) of compound **3z**



2. The HRMS Spectra of representative Compounds

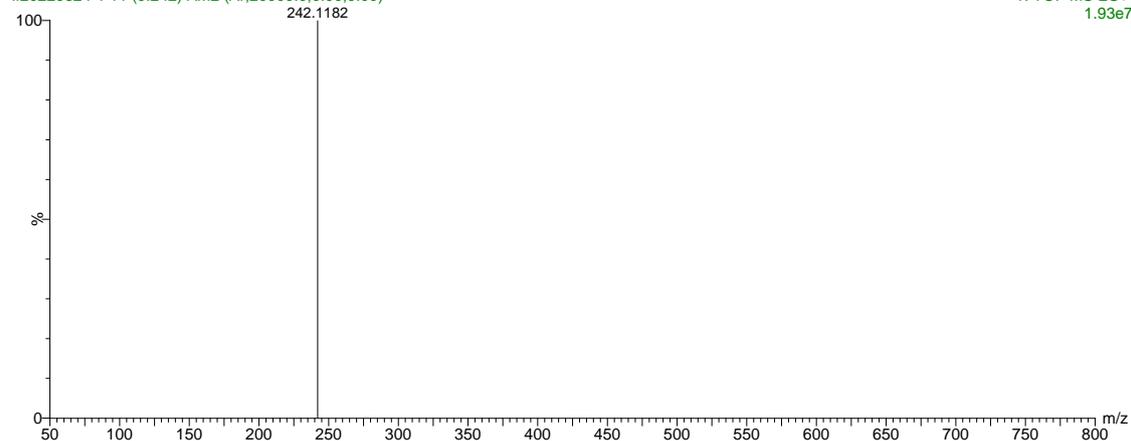
HRMS spectrum of compound 3a



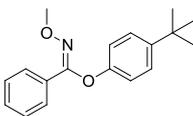
lh166

lf20220624-1 11 (0.242) AM2 (Ar,20000.0,0.00,0.00)

1: TOF MS ES+
1.93e7



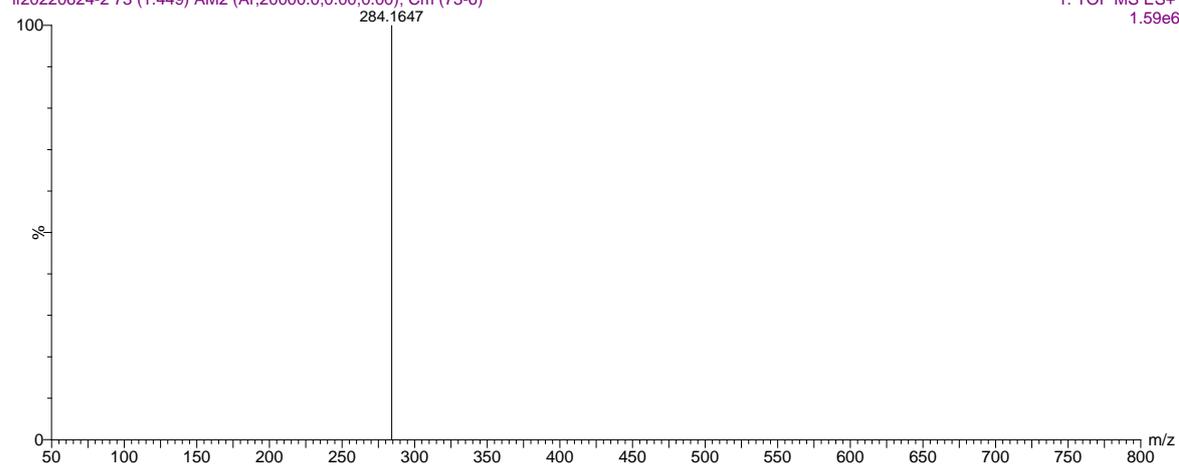
HRMS spectrum of compound 3b



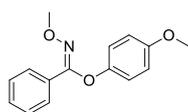
ljb-13

lf20220624-2 73 (1.449) AM2 (Ar,20000.0,0.00,0.00); Cm (73-6)

1: TOF MS ES+
1.59e6



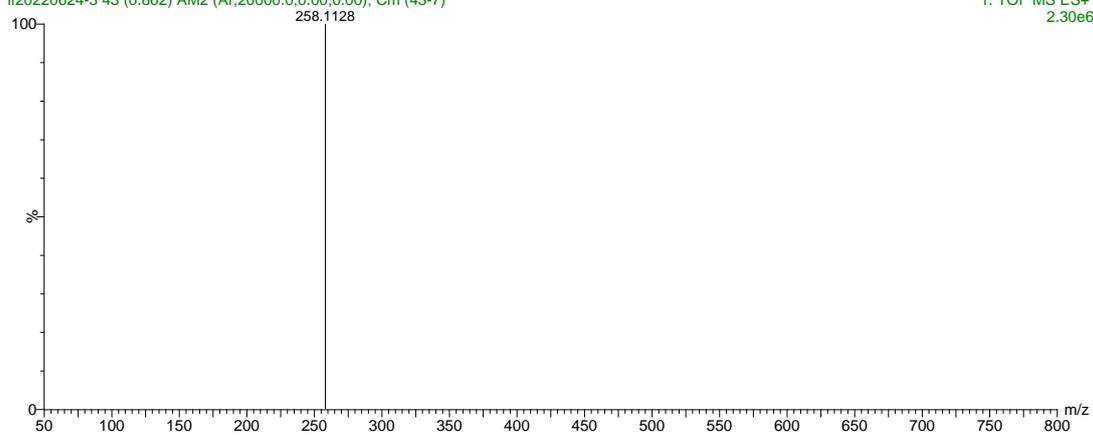
HRMS spectrum of compound 3c



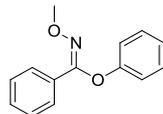
lh129

#20220624-3 43 (0.862) AM2 (Ar,20000.0,0.00,0.00); Cm (43-7)

1: TOF MS ES+
2.30e6



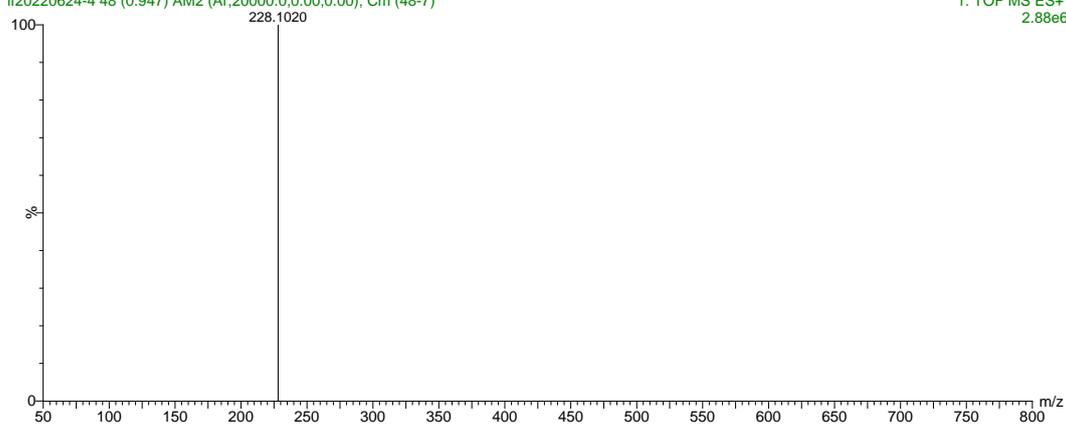
HRMS spectrum of compound 3d



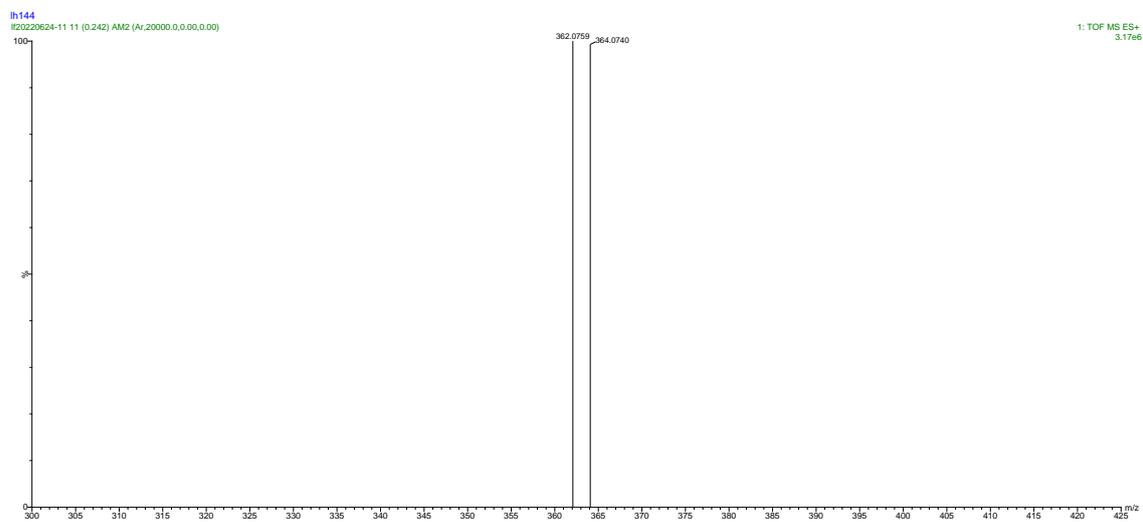
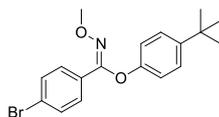
lh117

#20220624-4 48 (0.947) AM2 (Ar,20000.0,0.00,0.00); Cm (48-7)

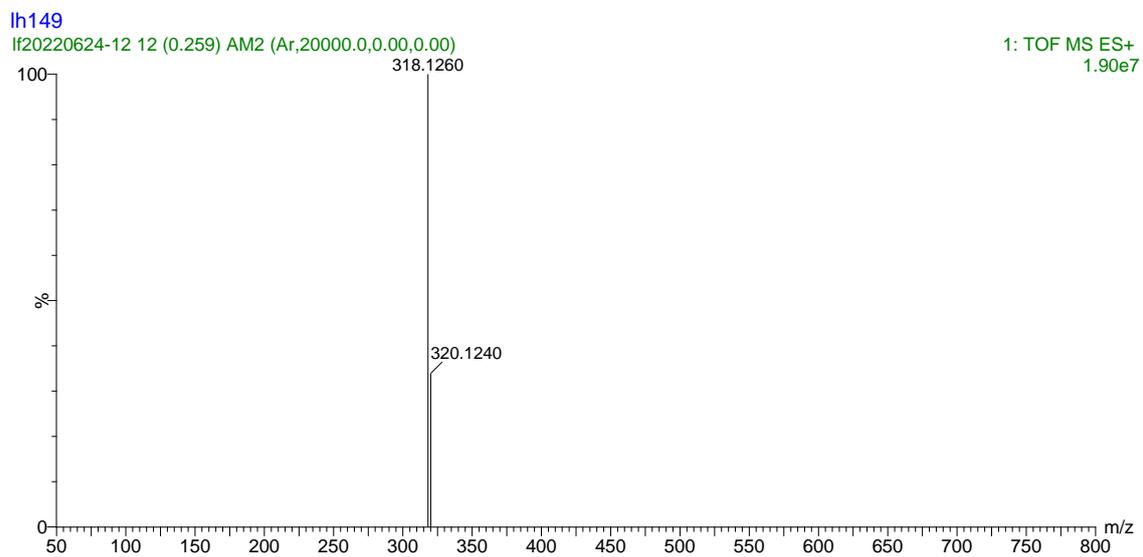
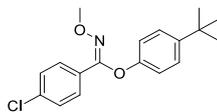
1: TOF MS ES+
2.88e6



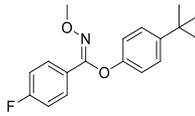
HRMS spectrum of compound 3r



HRMS spectrum of compound 3s



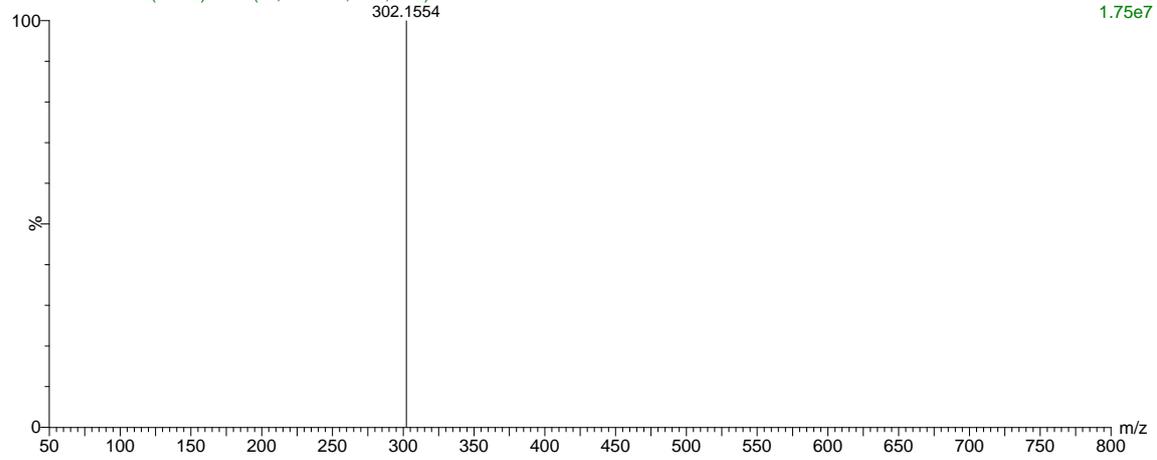
HRMS spectrum of compound 3t



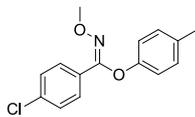
lh150

lf20220624-13 11 (0.242) AM2 (Ar,20000.0,0.00,0.00)

1: TOF MS ES+
1.75e7



HRMS spectrum of compound 3z



lh133

lf20220624-16 11 (0.242) AM2 (Ar,20000.0,0.00,0.00); Cm (11-6)

1: TOF MS ES+
9.02e6

