

Supporting Information

**A ONE-POT APPROACH TO CONSTRUCT 3-(2-METHOXYPYRIDIN-3-YL)-
4*H*-CHROMEN-4-ONES VIA MEINWALD
REARRANGEMENT/INTRAMOLECULAR DEMETHYLATION
ANNULATION OF EPOXIDES**

Min-Qi Hu,^a Ying Zhang,^a Kai-Li Dai,^a Li-Fang Yu,^a Ting Liu,^a Jie Tang,^{a,b} and Fan Yang^{*a}

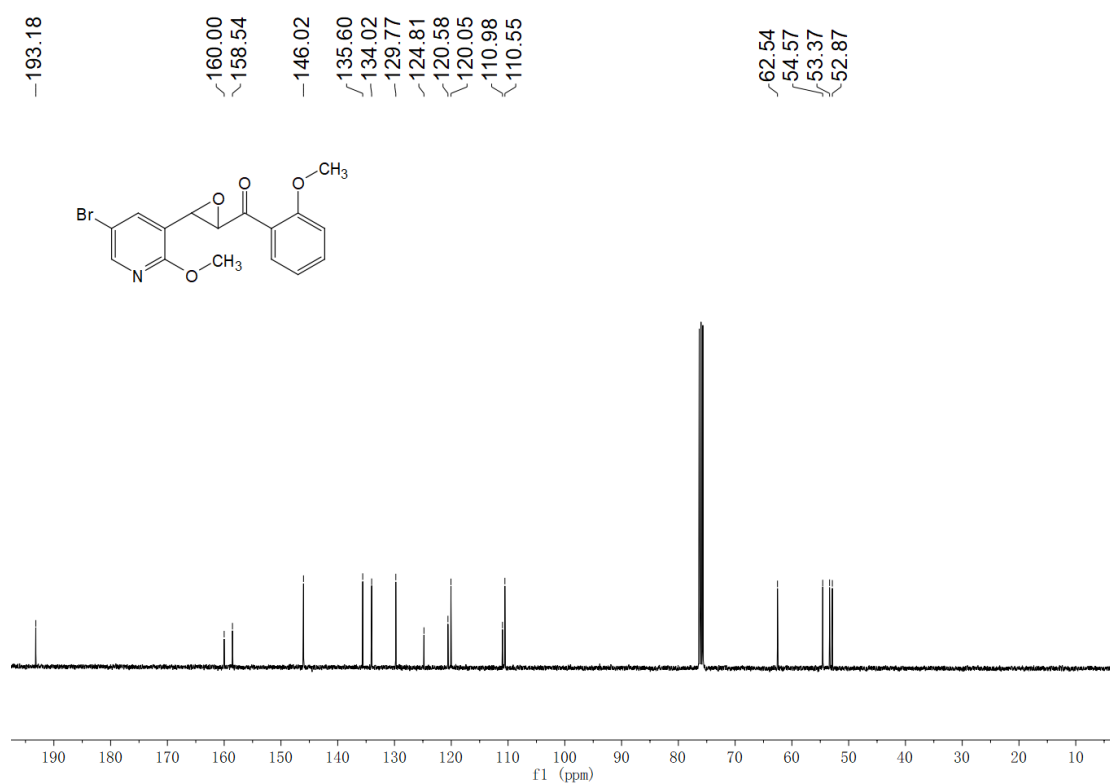
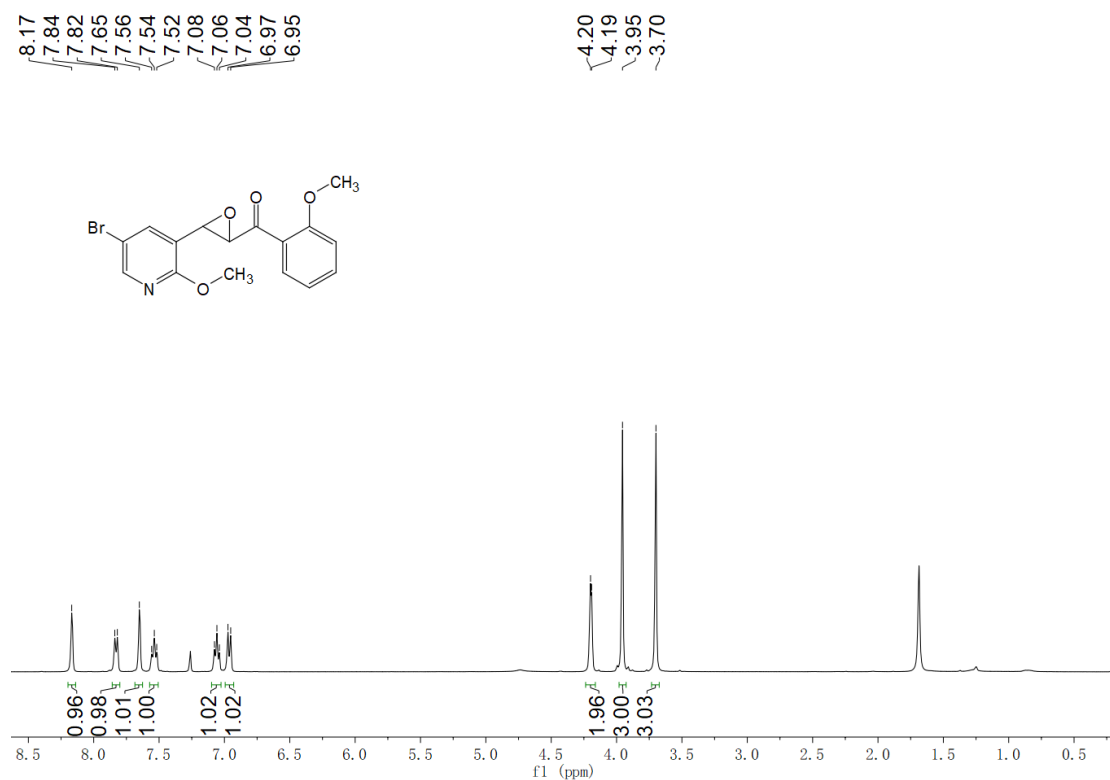
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^bShanghai Greenchem & Biotech Co., Ltd., Shanghai, 200062, PR China.

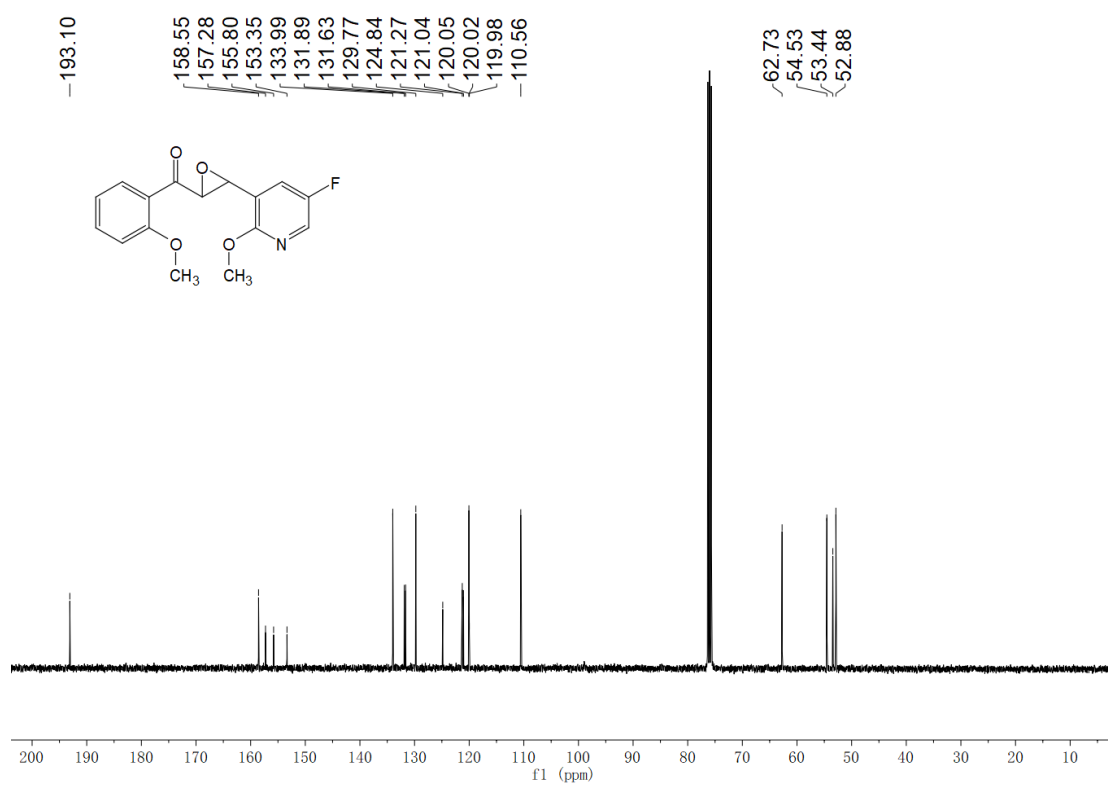
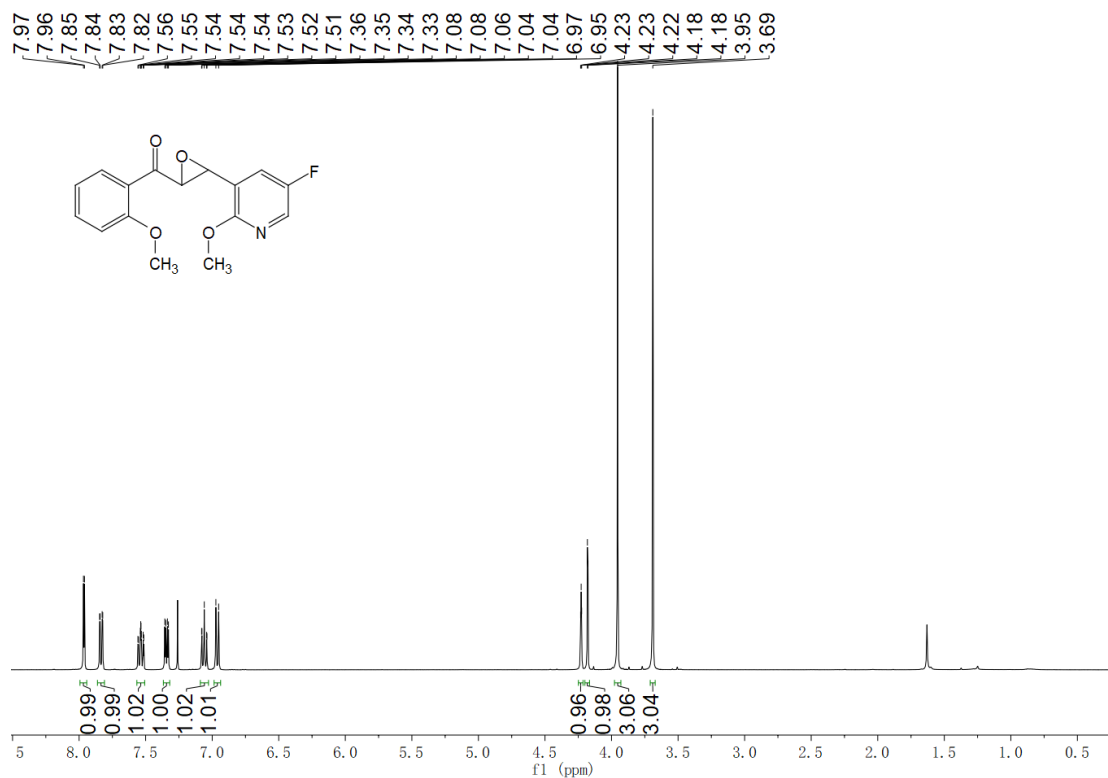
Contents

The NMR spectra of compounds

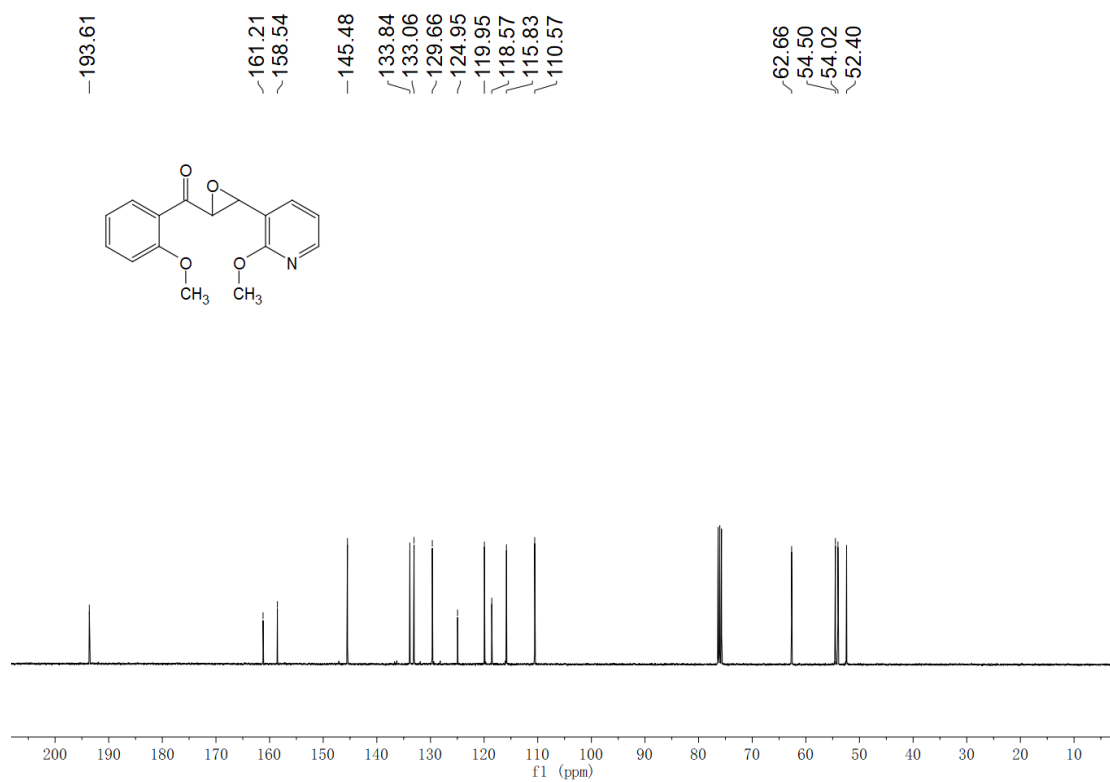
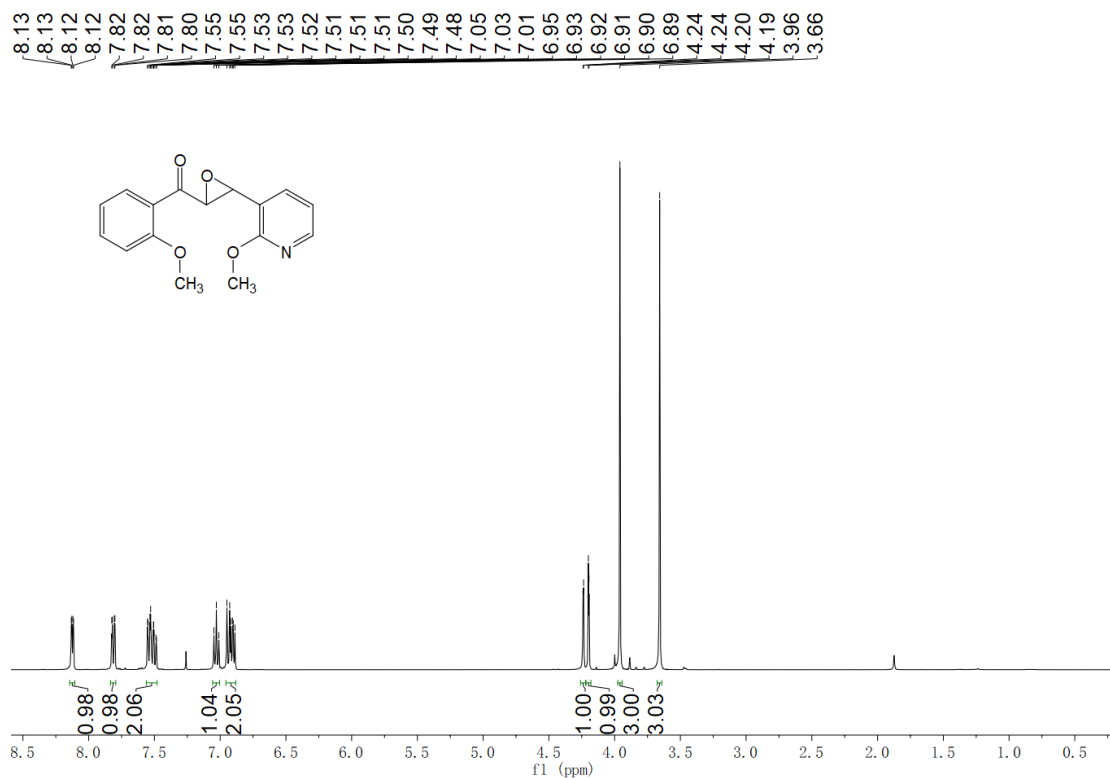
**^1H NMR (400 MHz, Chloroform-*d*) and ^{13}C NMR (101 MHz, Chloroform-*d*)
spectra of 1a**



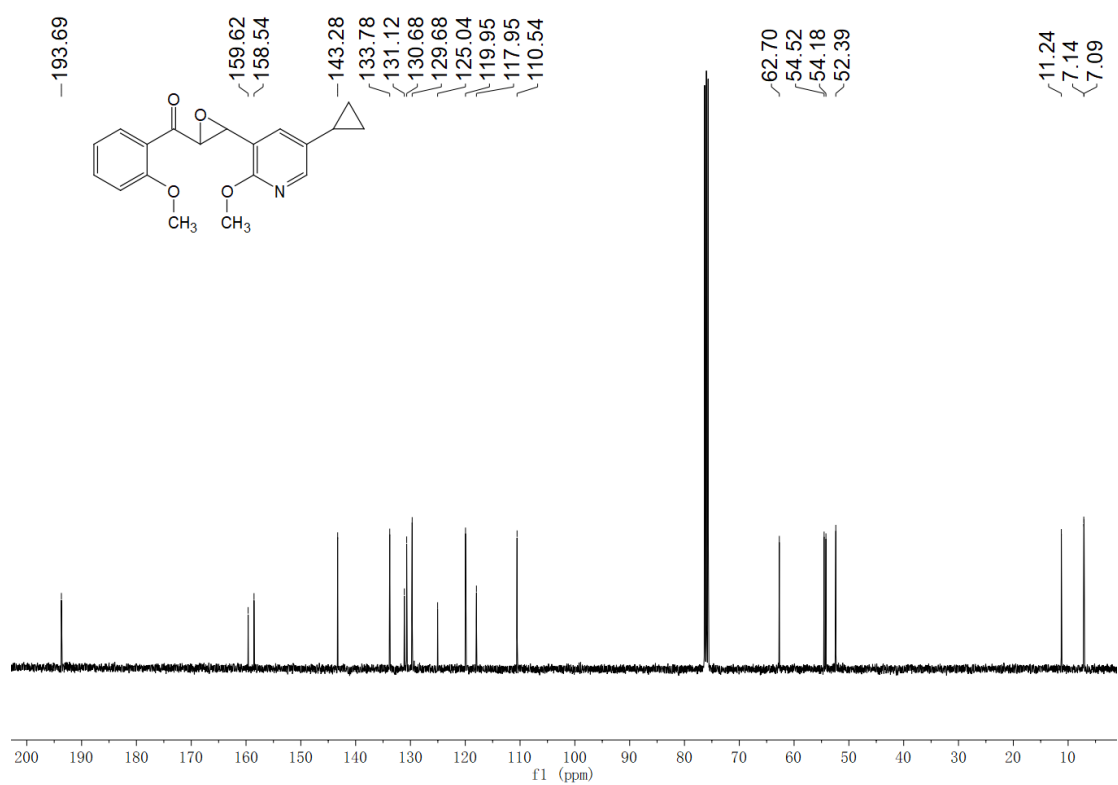
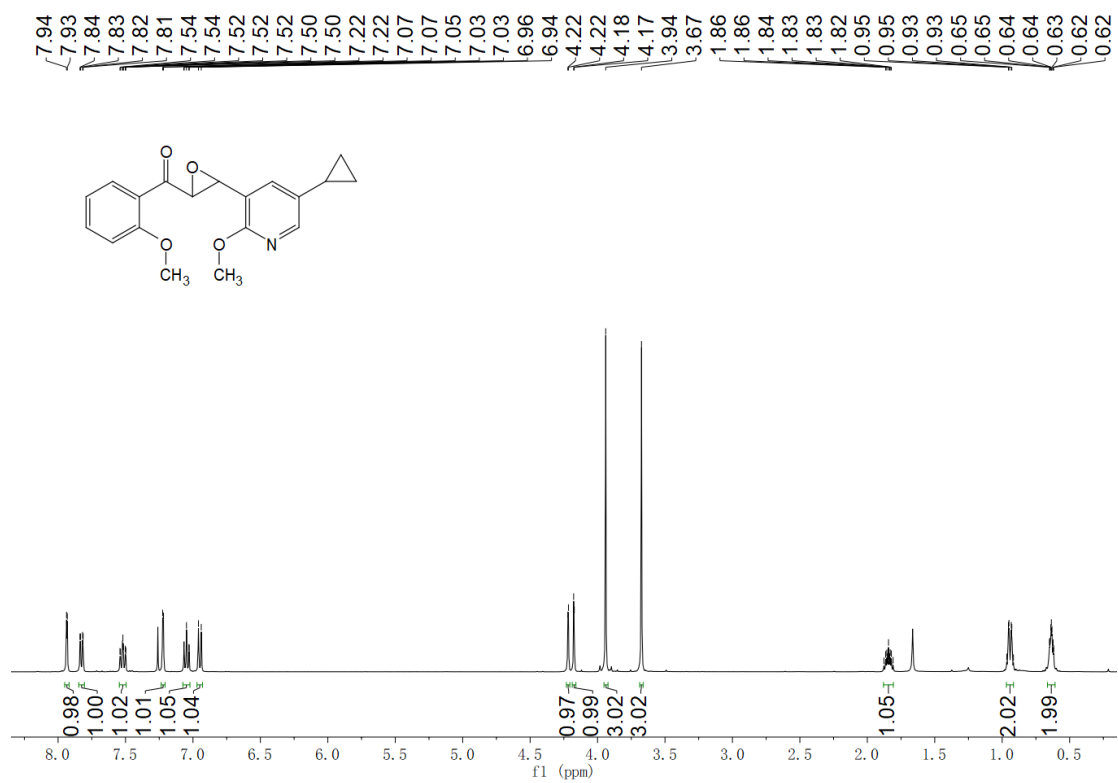
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (101 MHz, CDCl_3) spectra of **1b**



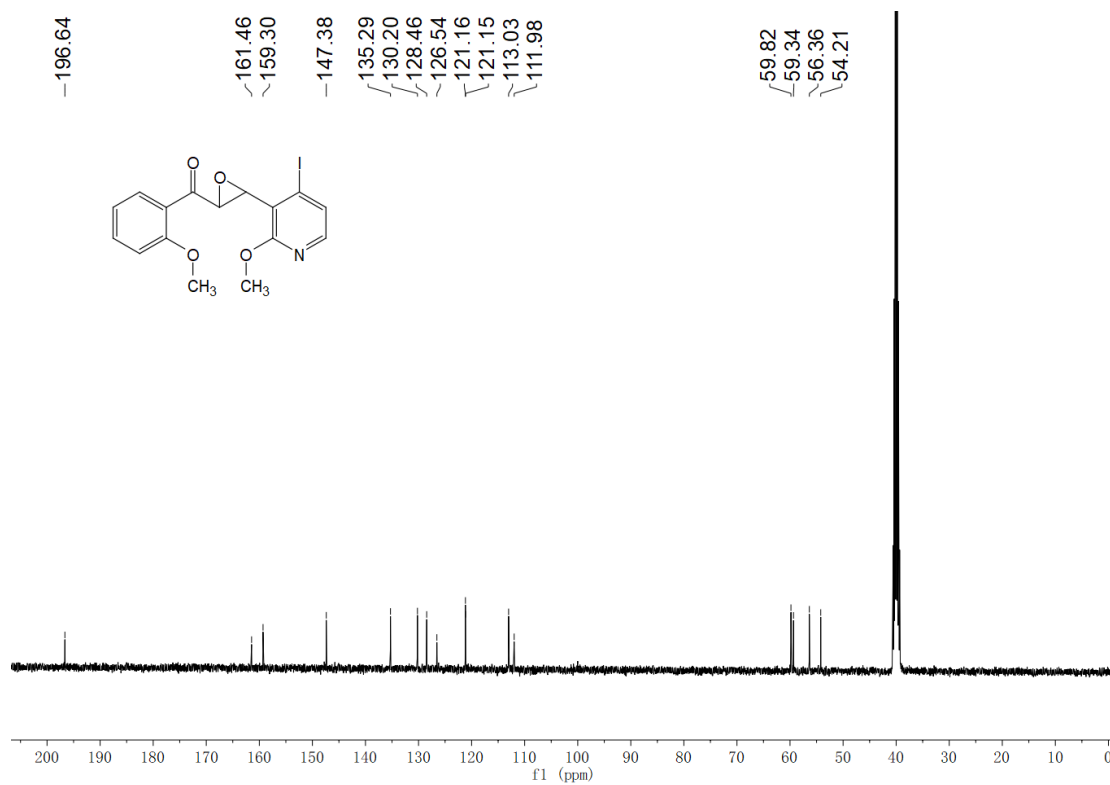
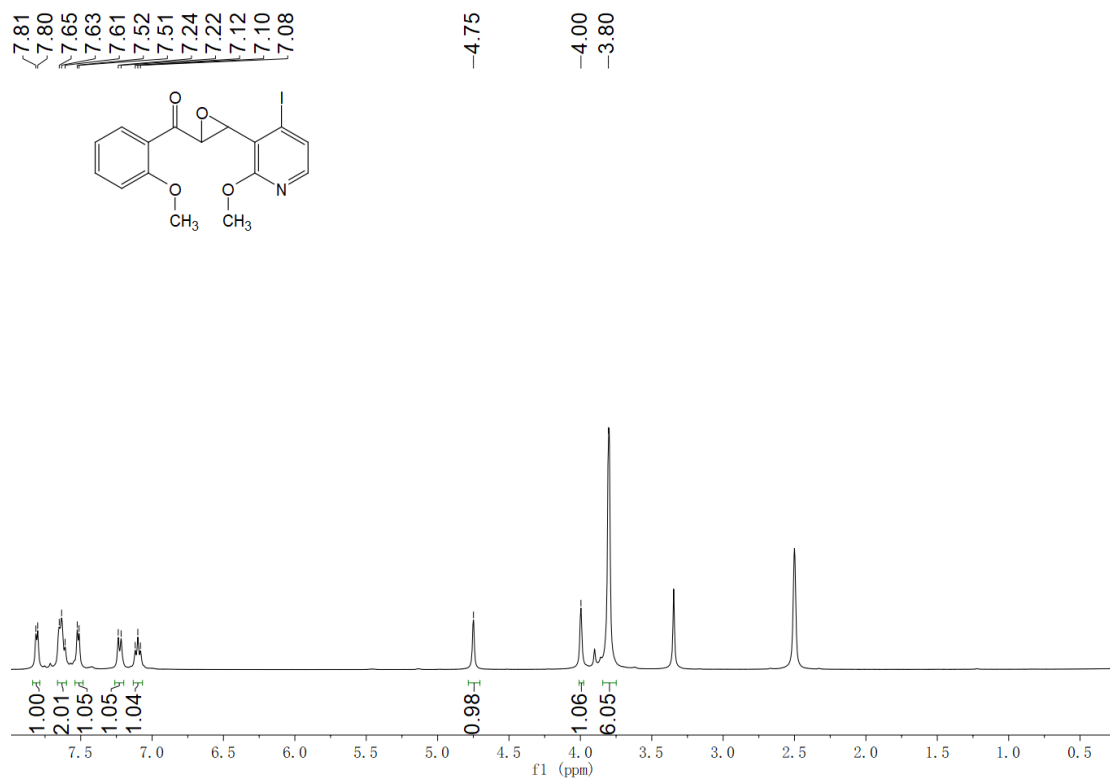
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*) spectra of 1c



¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*) spectra of 1d



¹H NMR (400 MHz, DMSO-*d*₆) and ¹³C NMR (101 MHz, DMSO-*d*₆) spectra of 1e

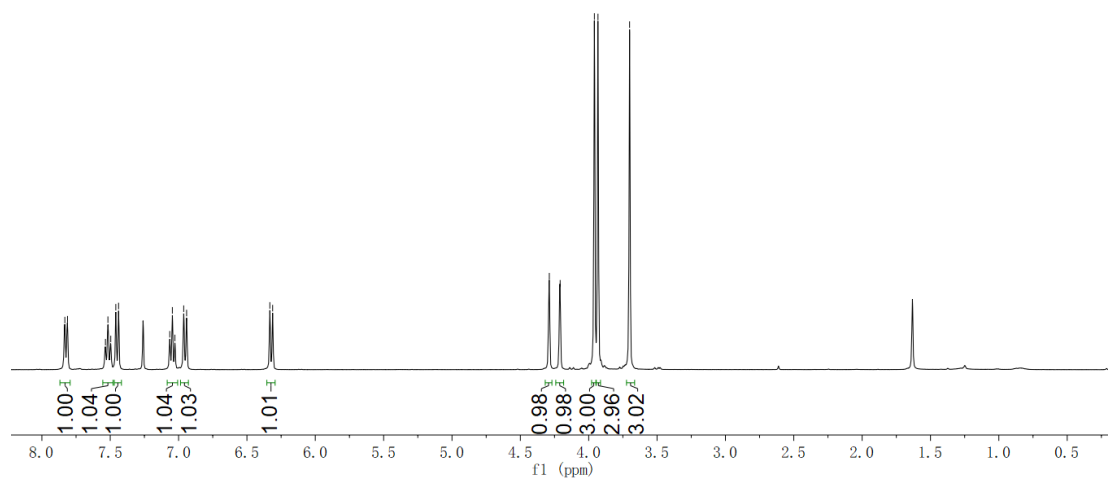
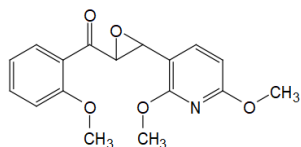


¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 1f

7.83
7.81
7.53
7.52
7.50
7.46
7.44
7.06
7.05
7.03
6.96
6.94
6.33
6.31

4.29
4.21
3.96
3.93
3.70



194.18

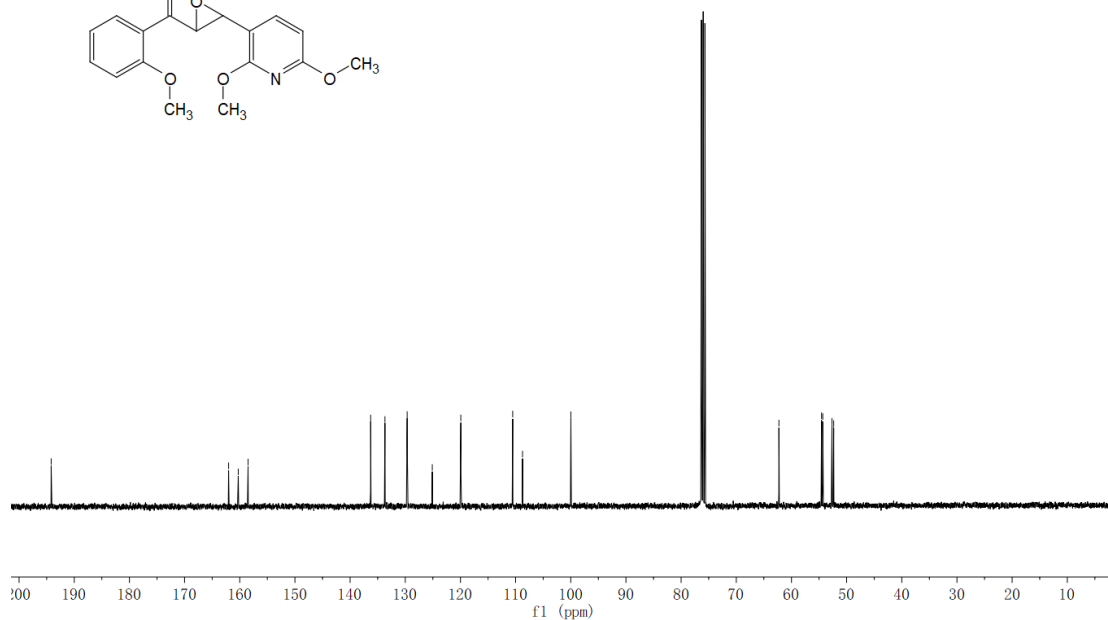
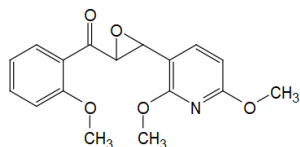
162.02
160.27
158.49

136.27
133.68
129.66
125.10
119.93

110.53
108.74

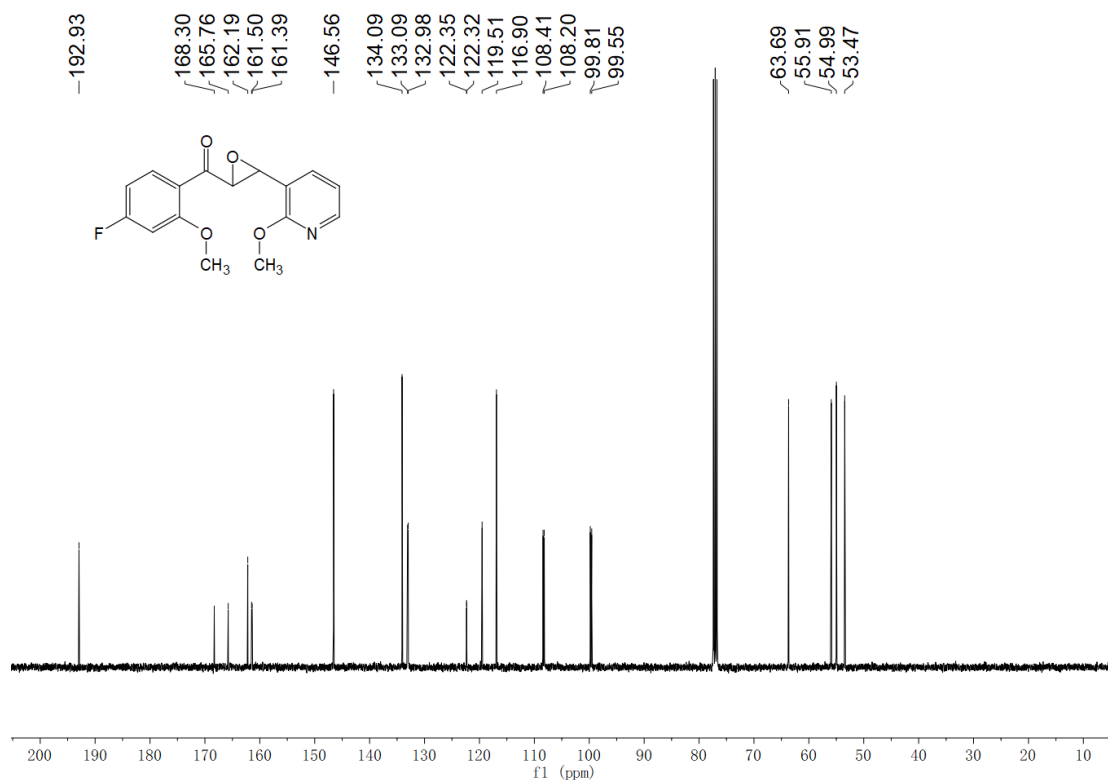
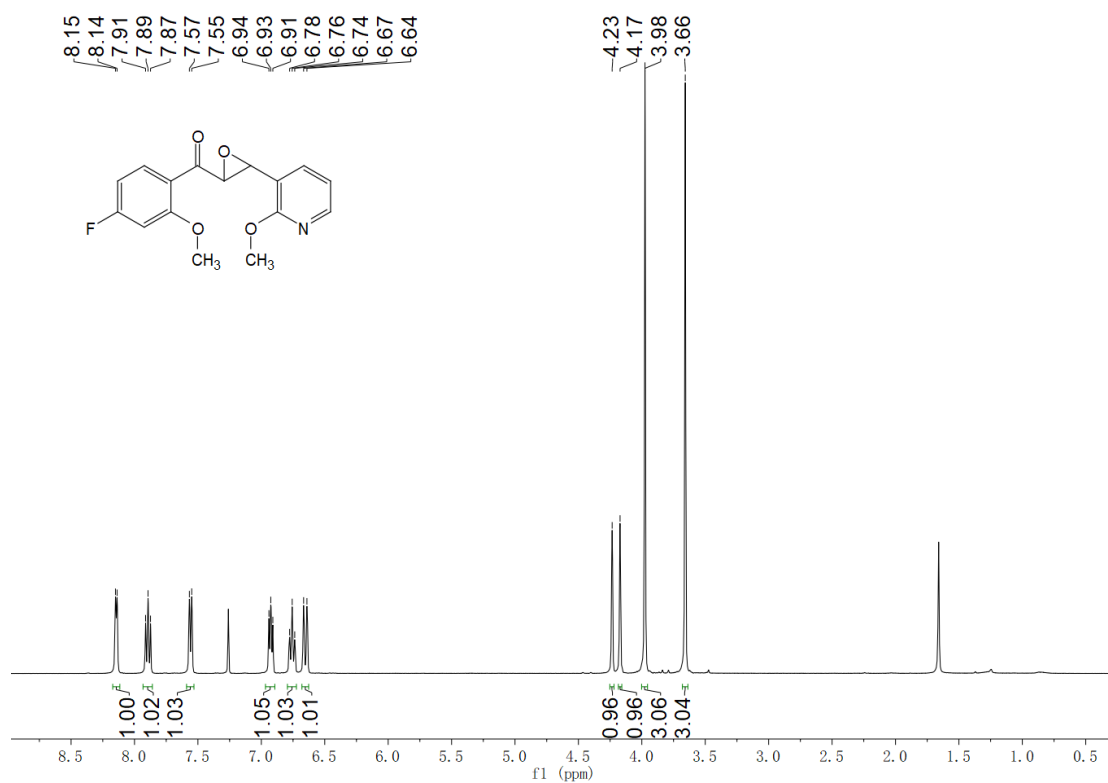
99.98

62.27
54.55
54.32
52.65
52.34



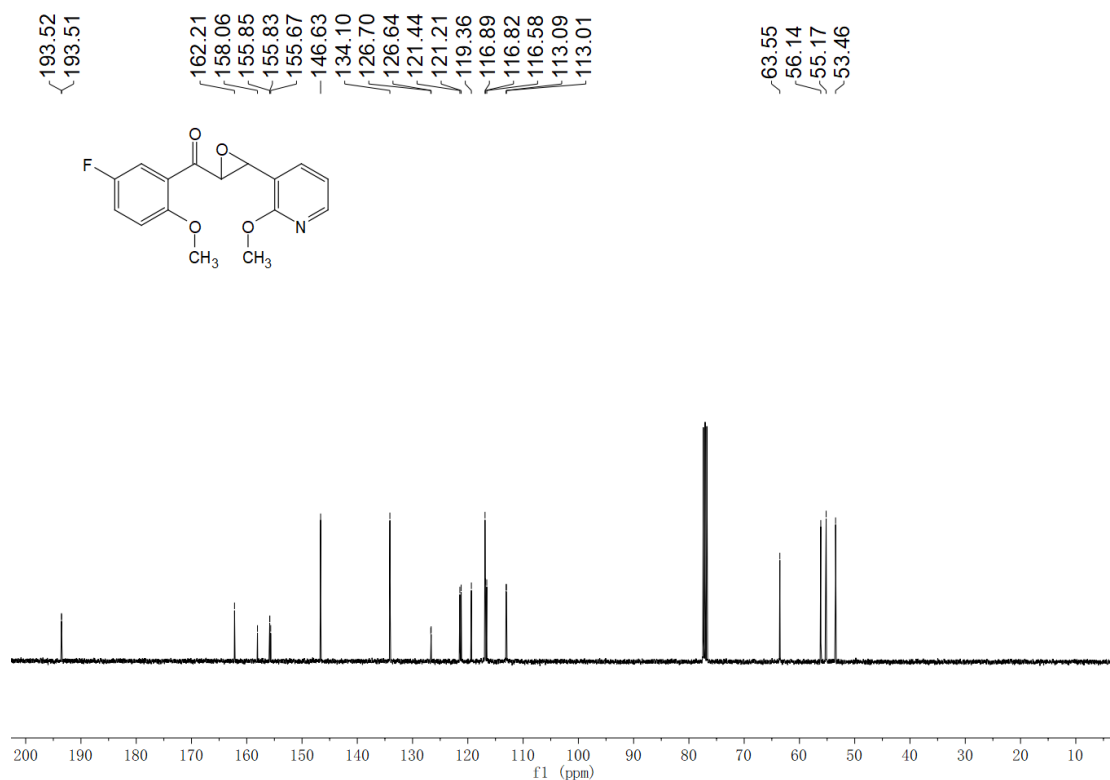
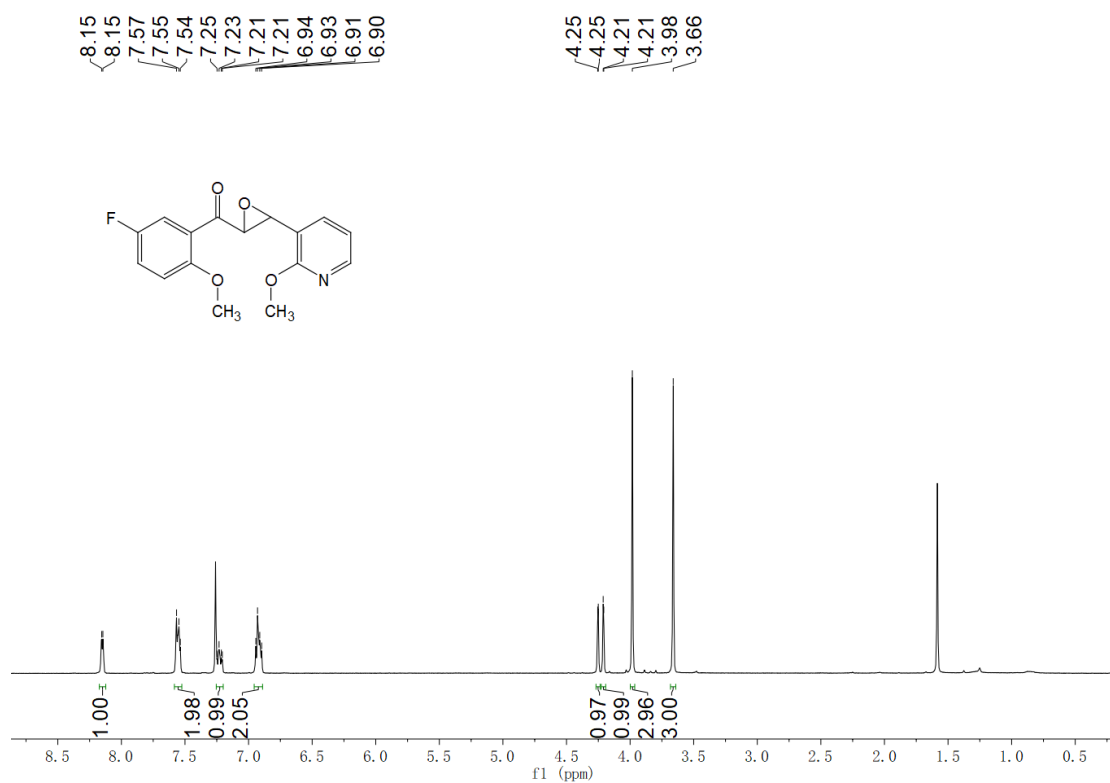
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 1g



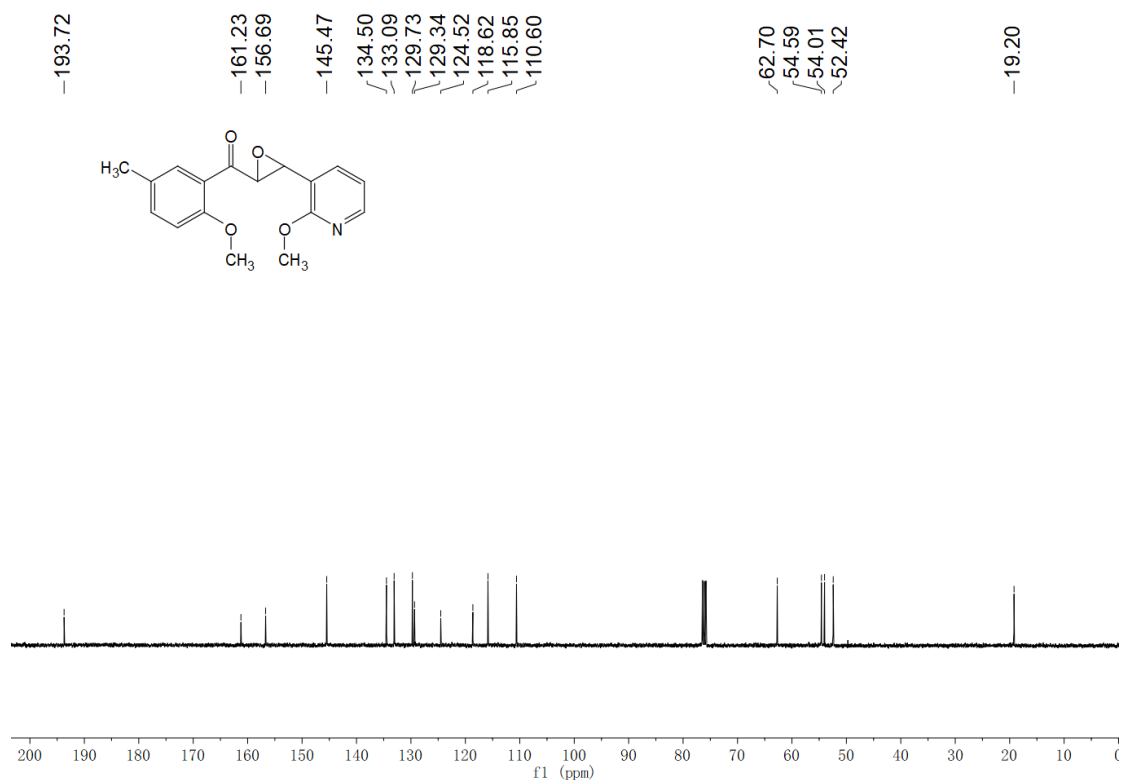
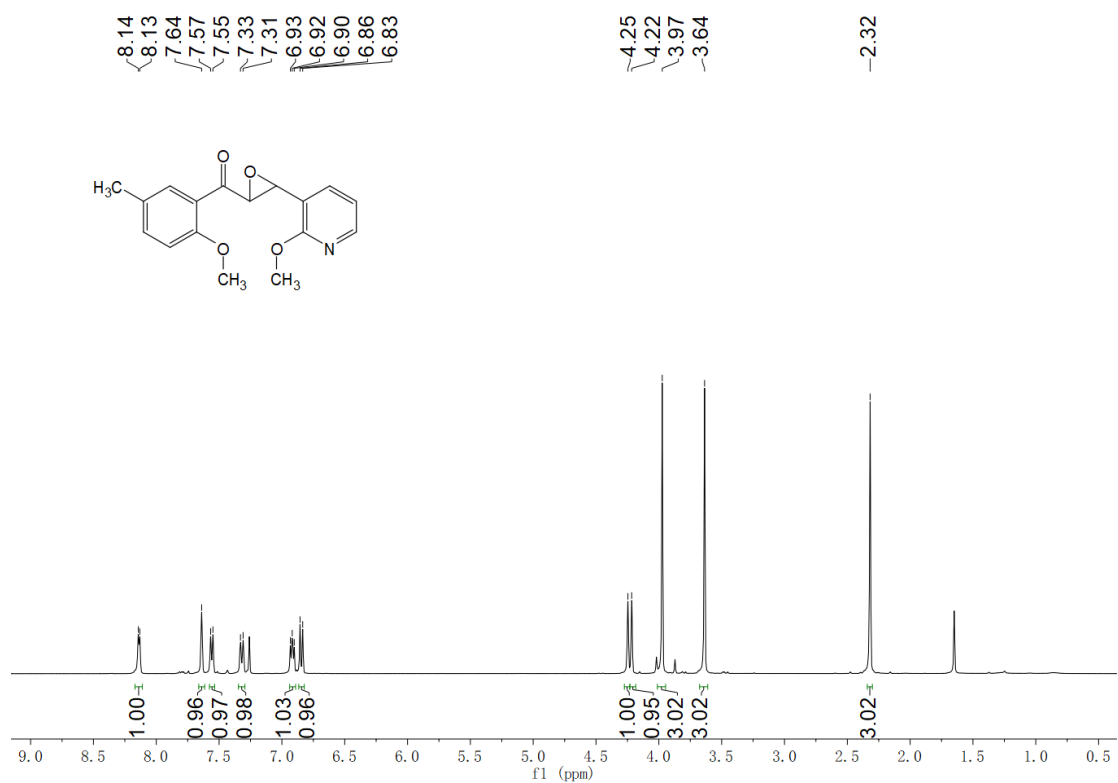
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 1h



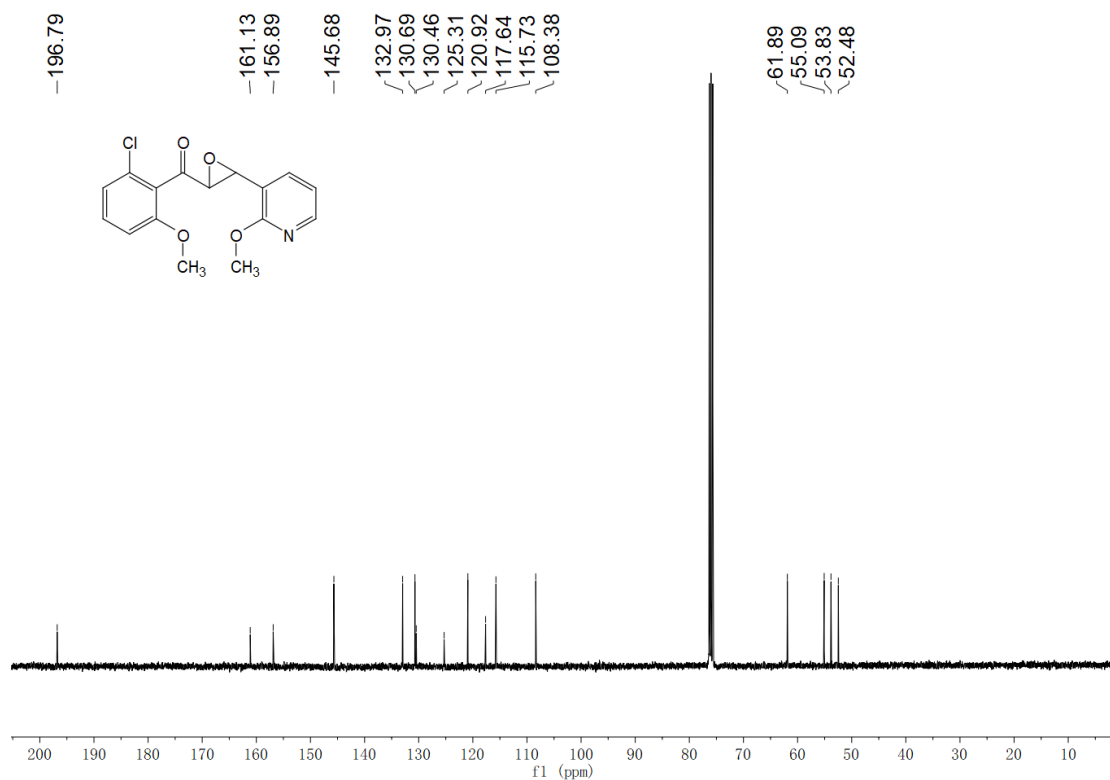
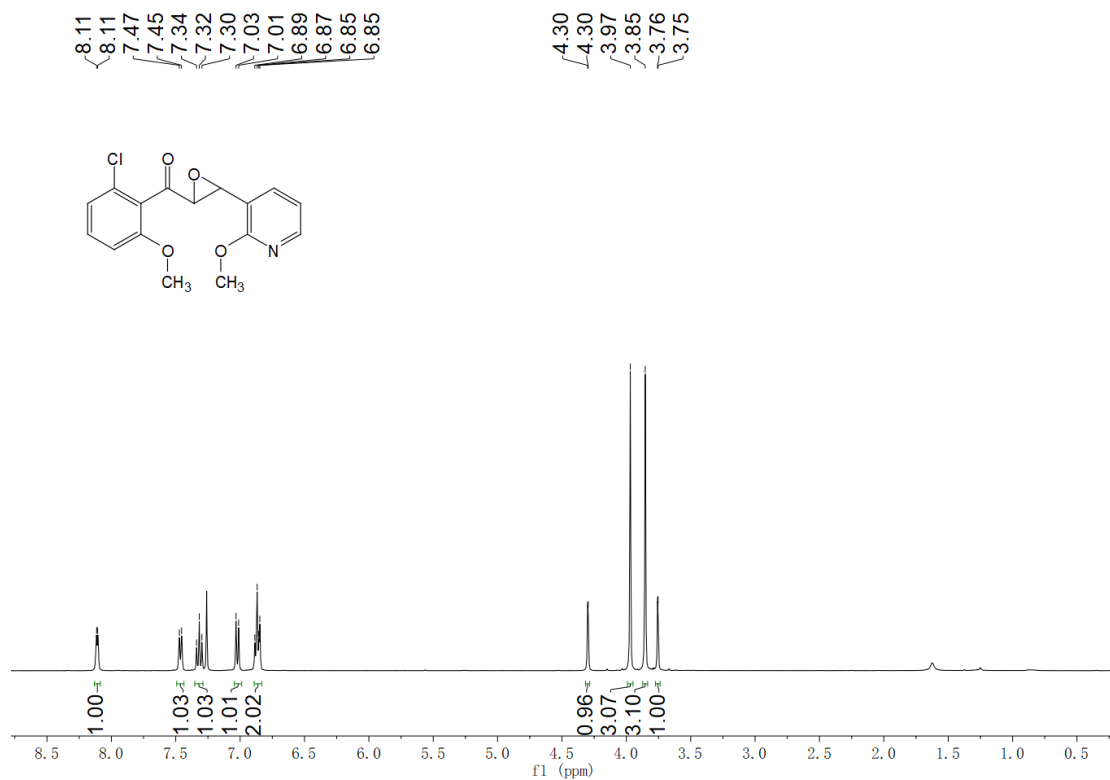
¹H NMR (400 MHz, Chloroform-d) and ¹³C NMR (101 MHz, Chloroform-d)

spectra of **1i**



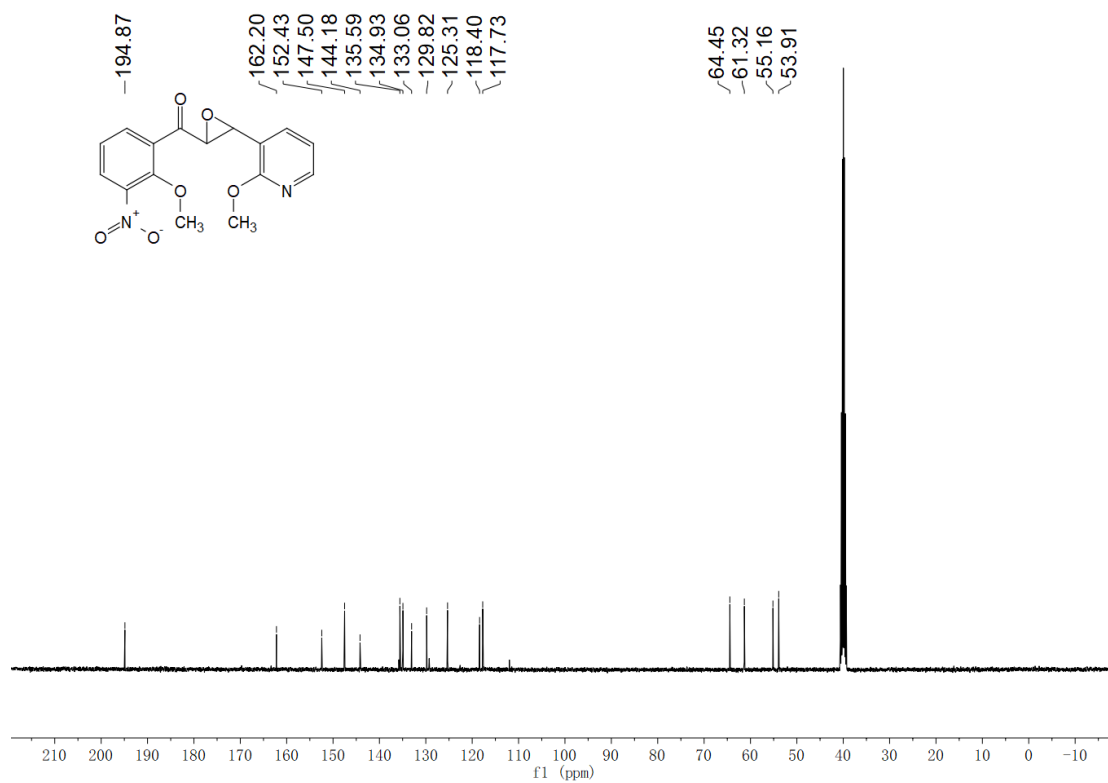
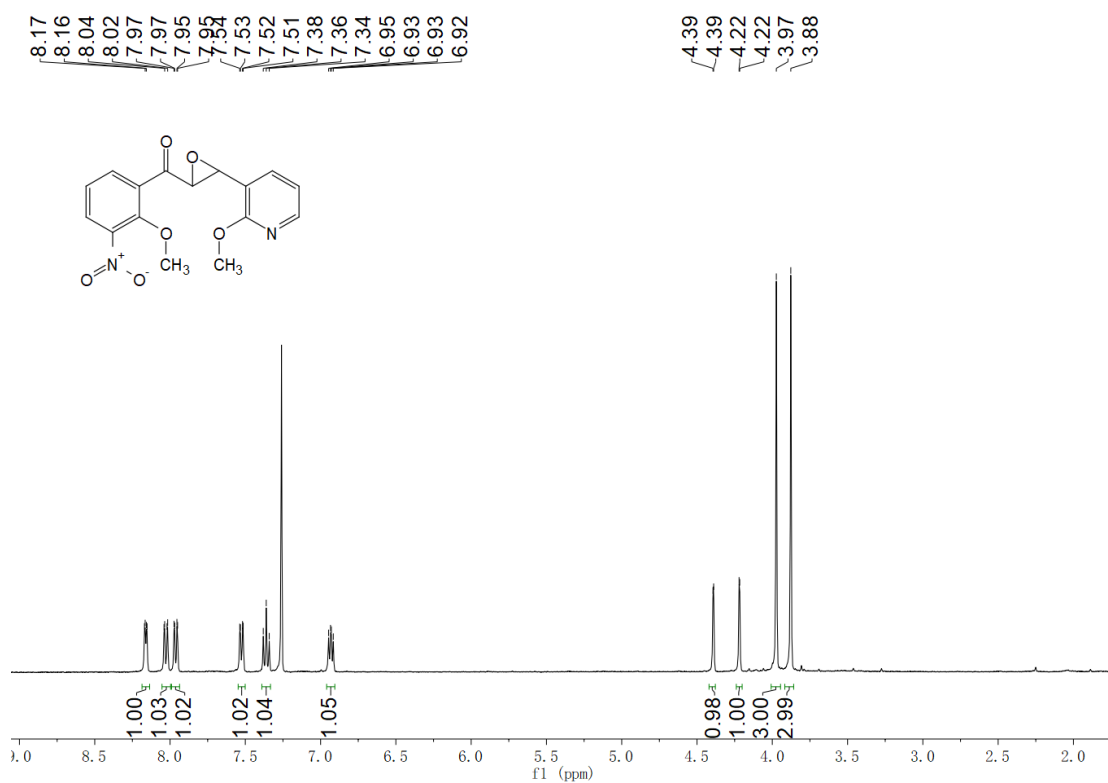
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 1j



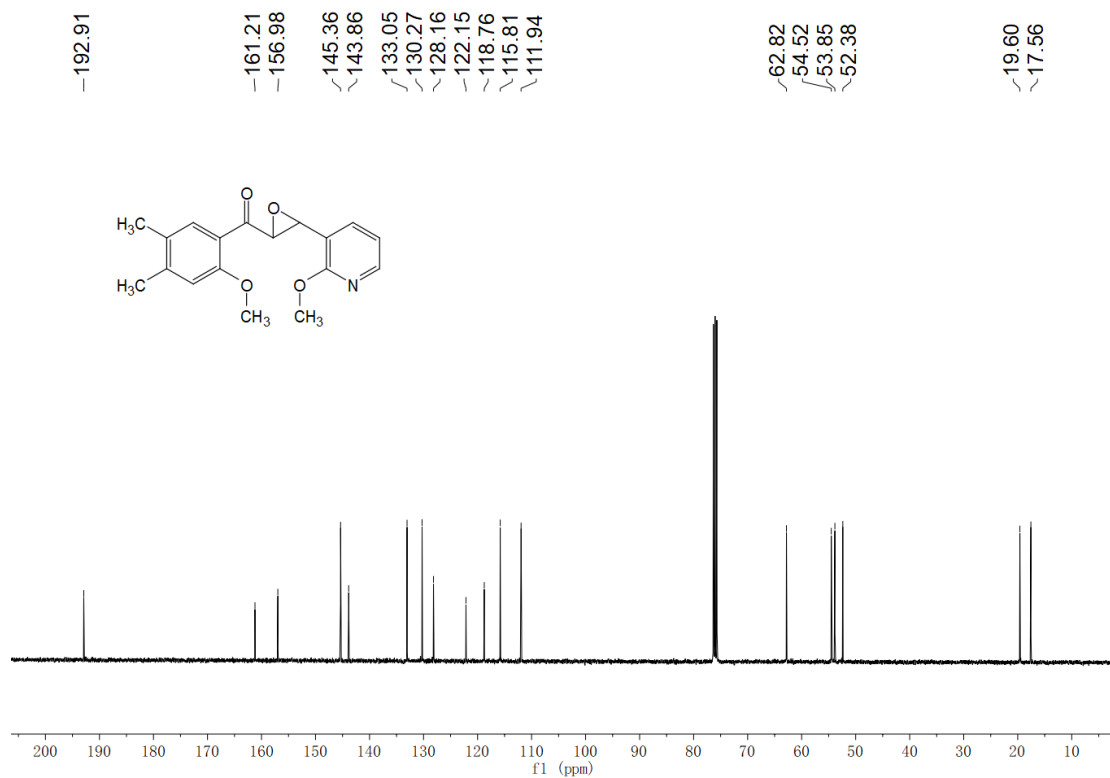
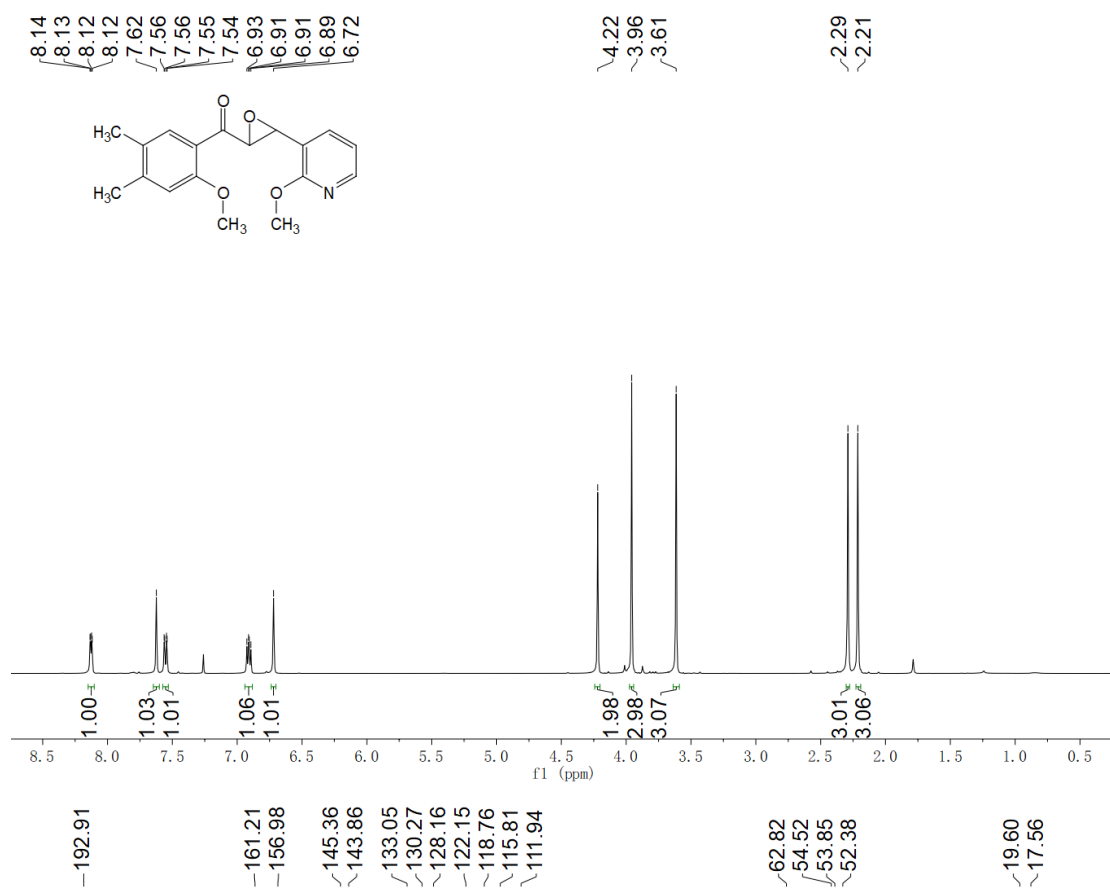
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, DMSO-*d*₆) spectra

of 1k



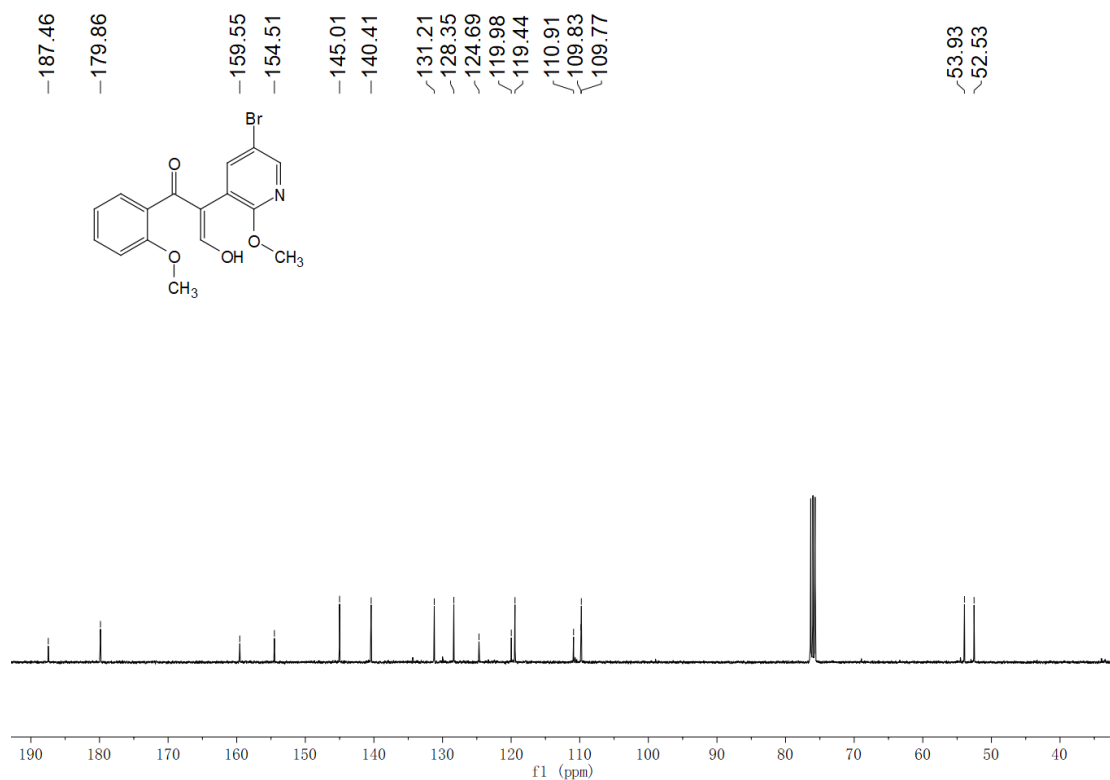
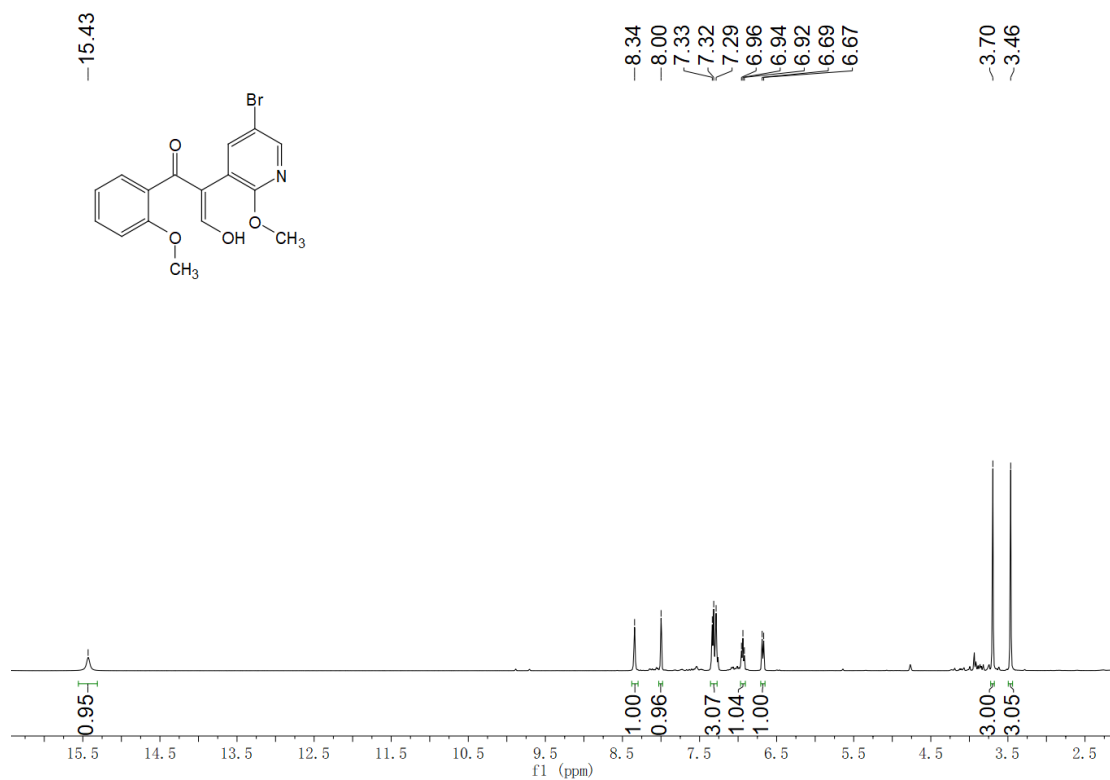
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spectra of 1l



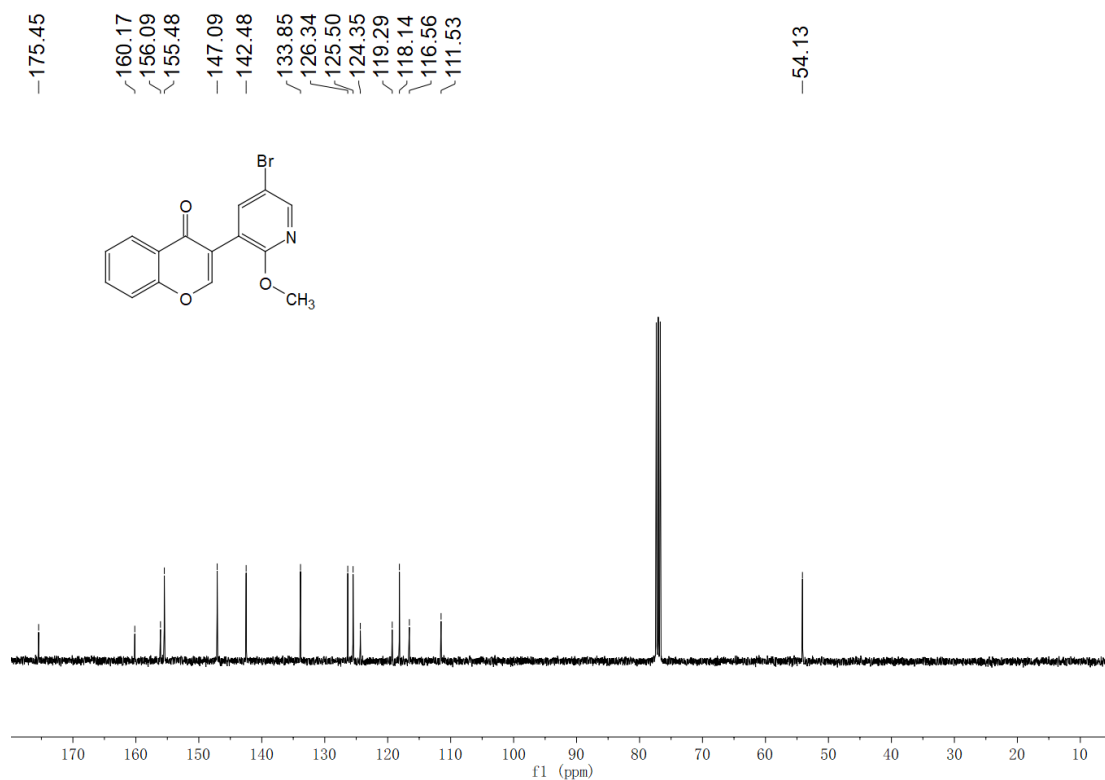
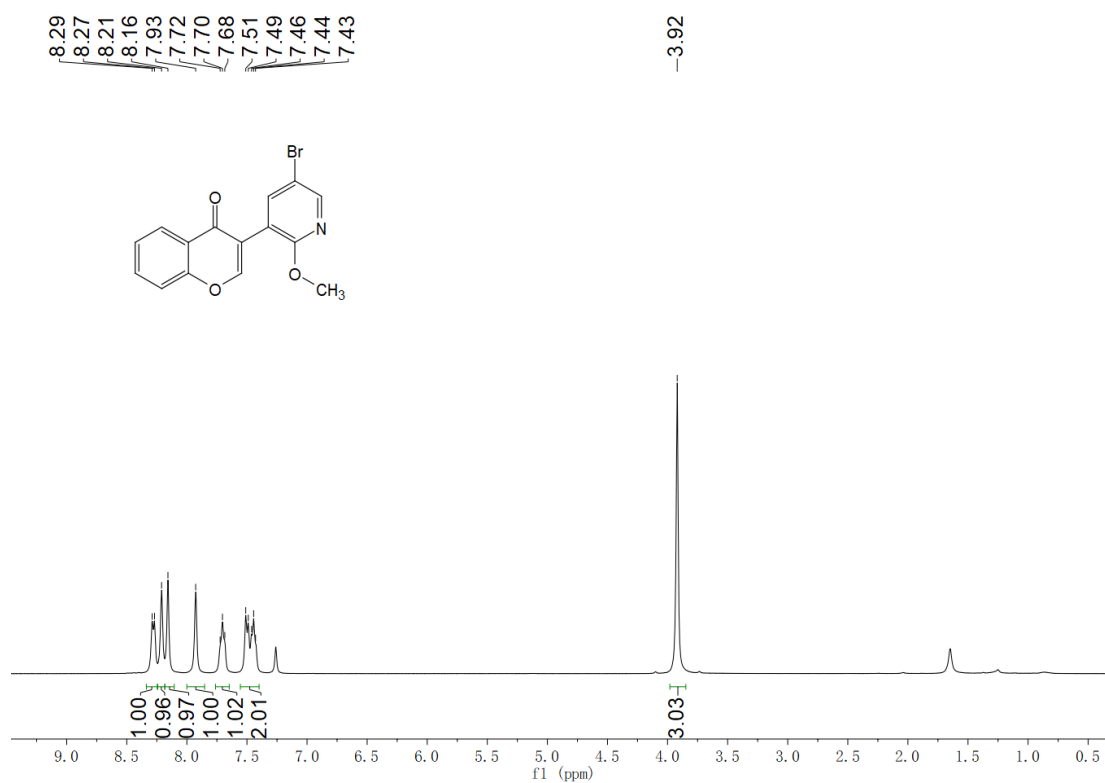
¹H NMR (400 MHz, Chloroform-d) and ¹³C NMR (101 MHz, Chloroform-d)

spectra of 2



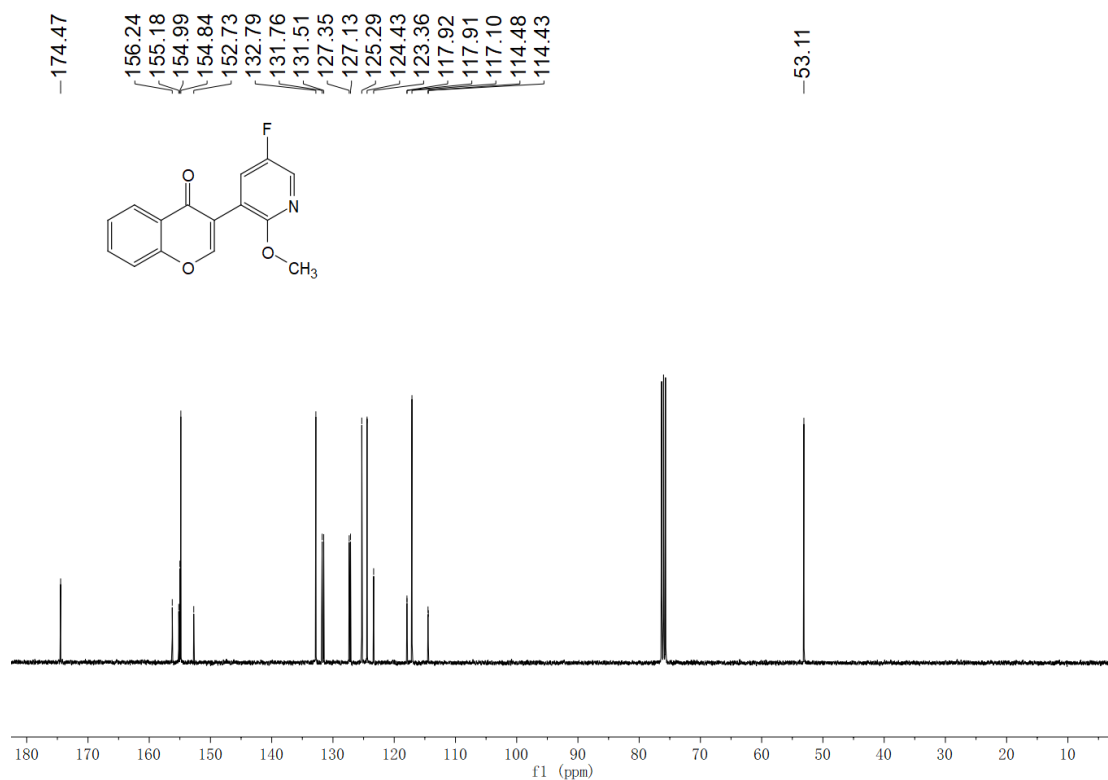
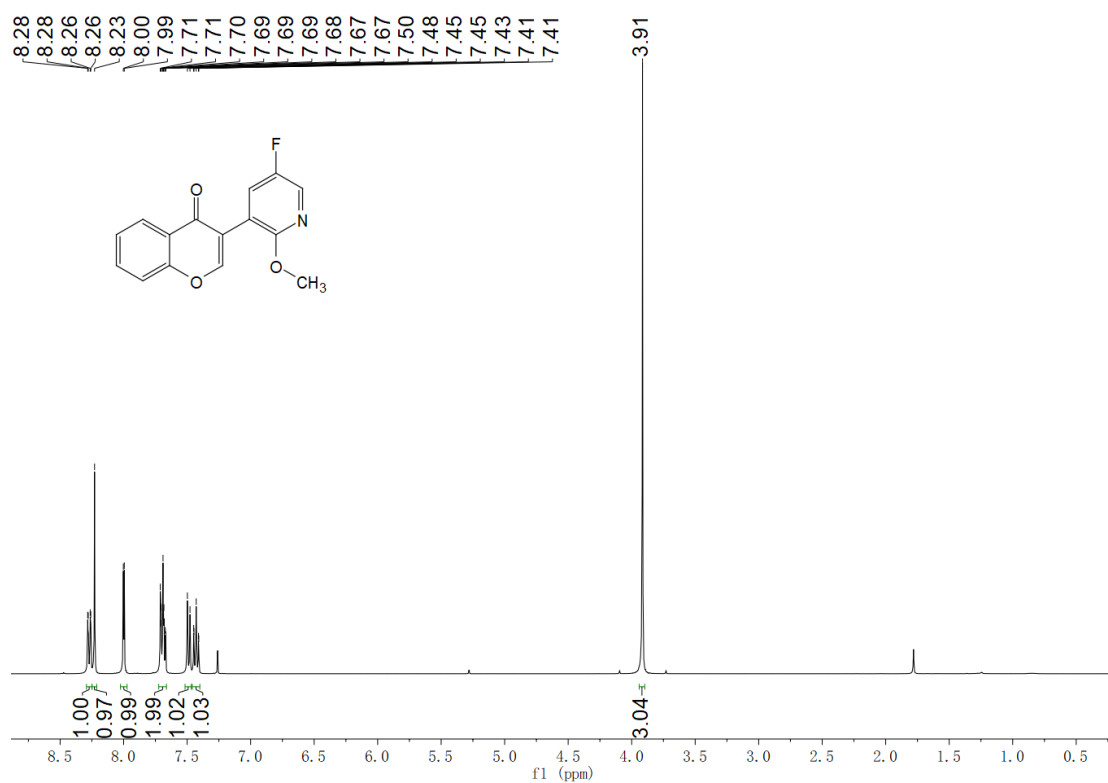
¹H NMR (400 MHz, Chloroform-d) and ¹³C NMR (101 MHz, Chloroform-d)

spectra of 3a



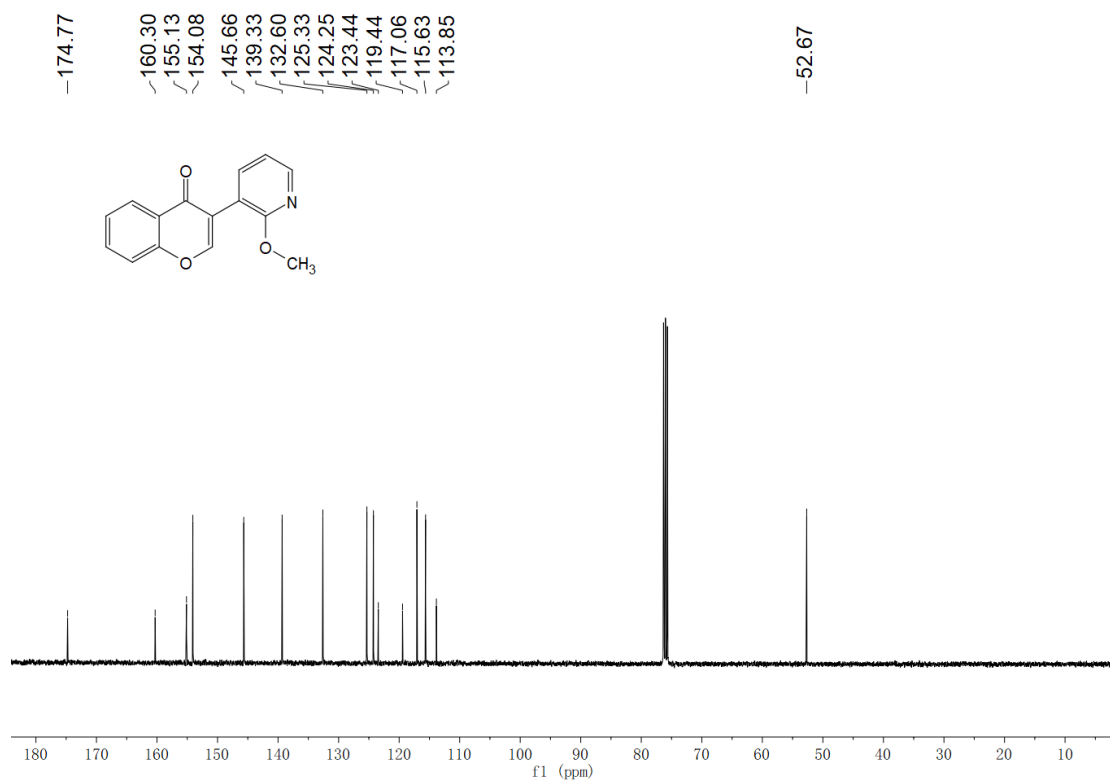
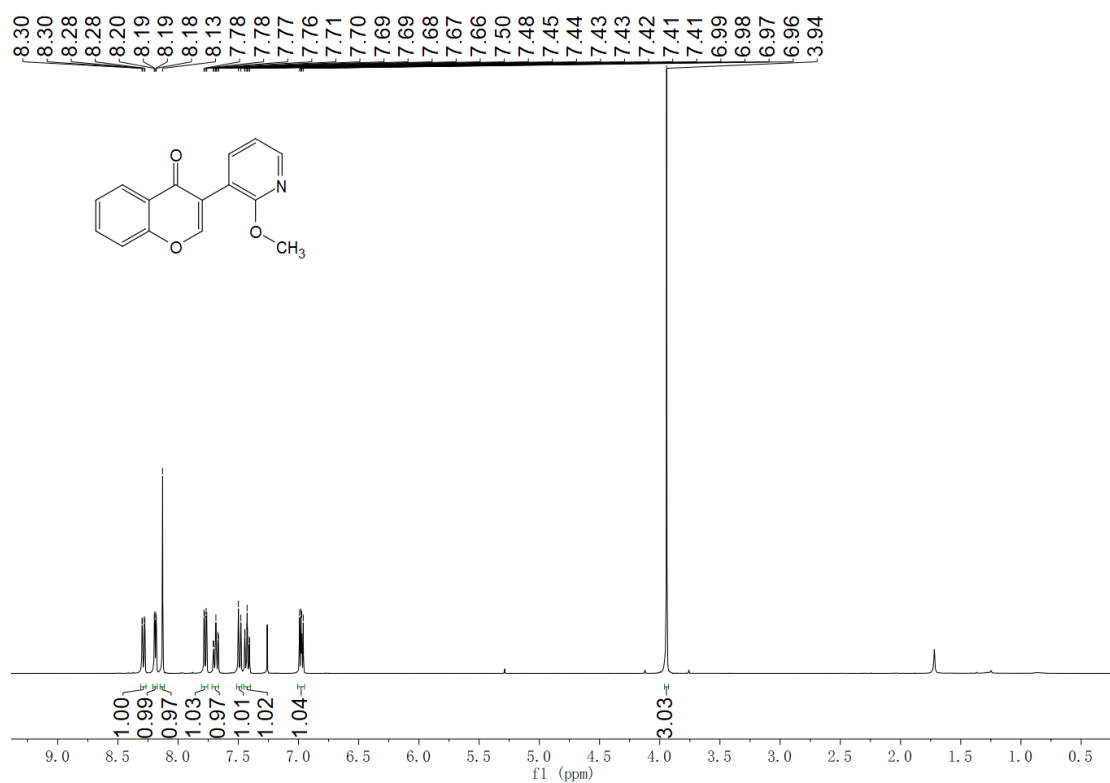
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3b



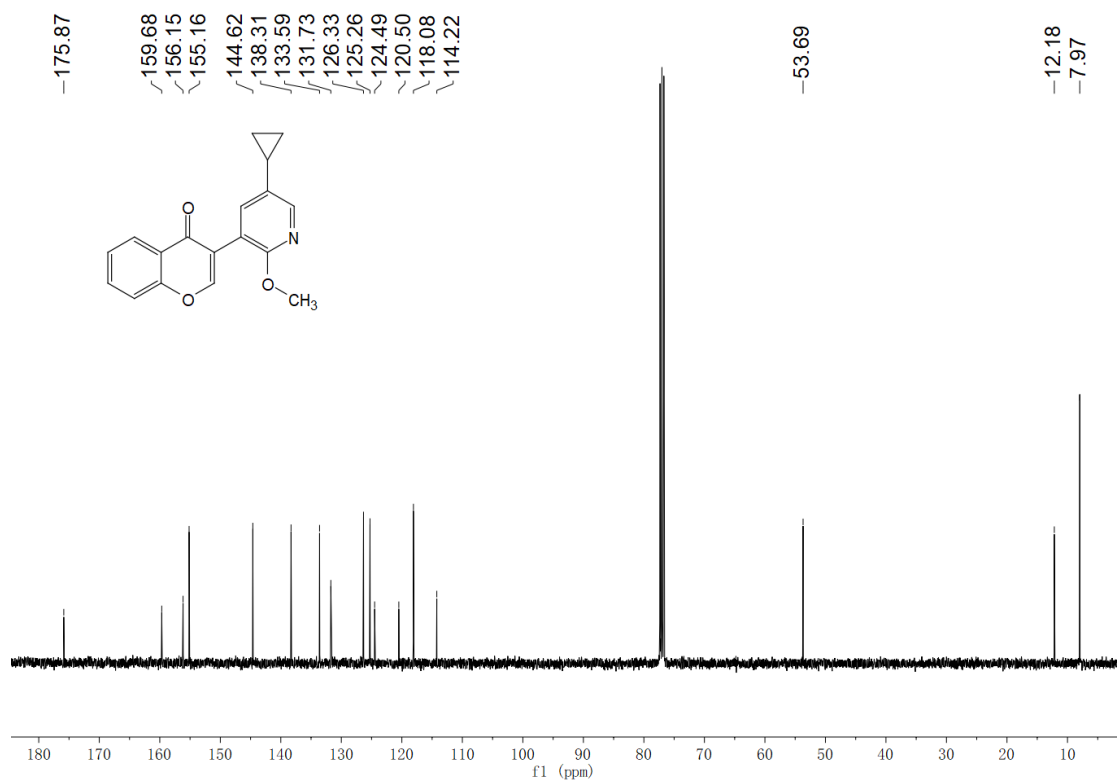
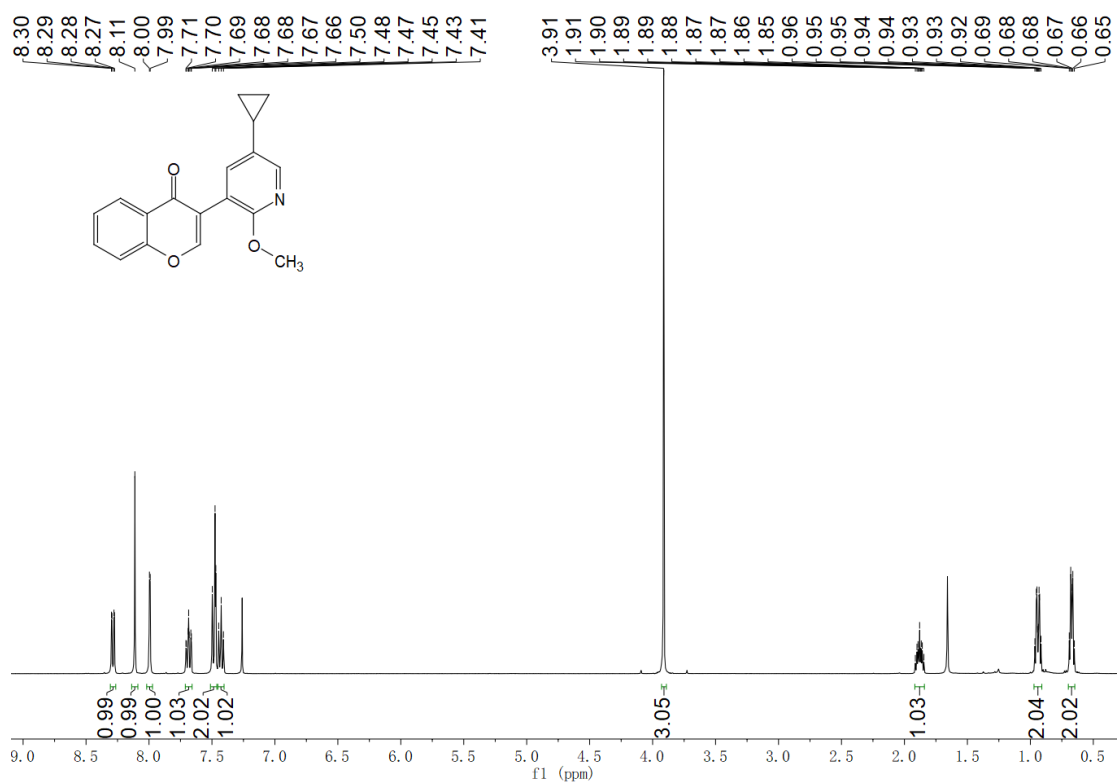
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3c



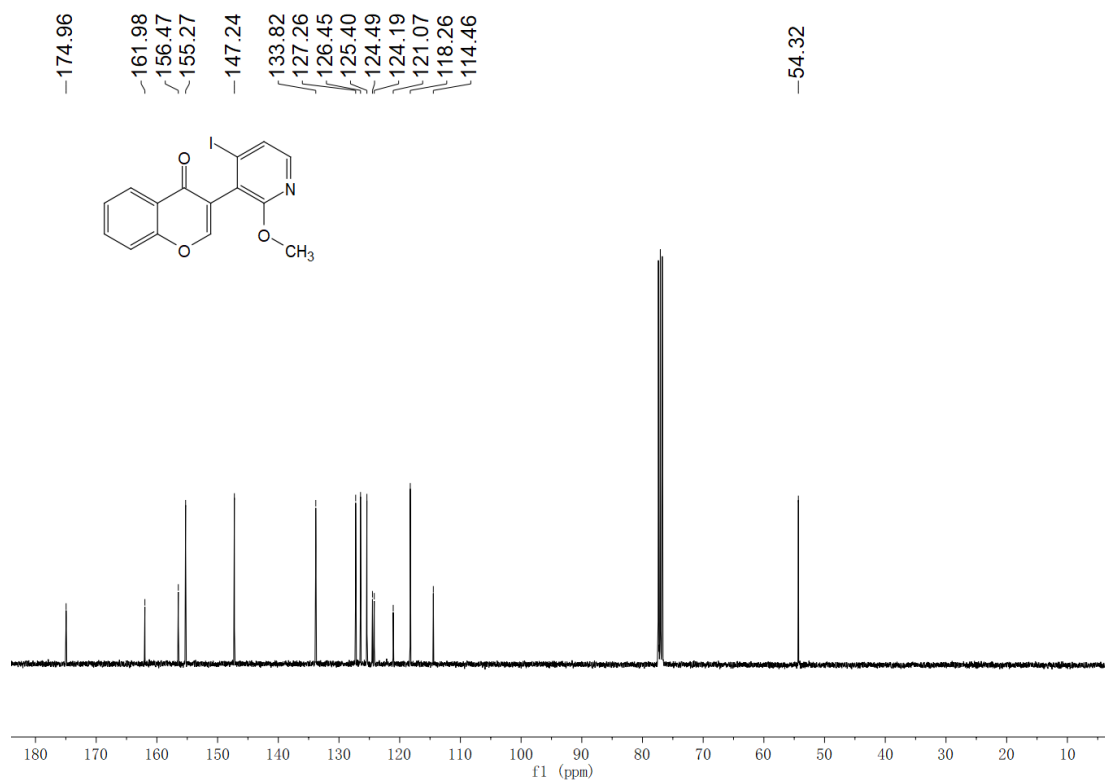
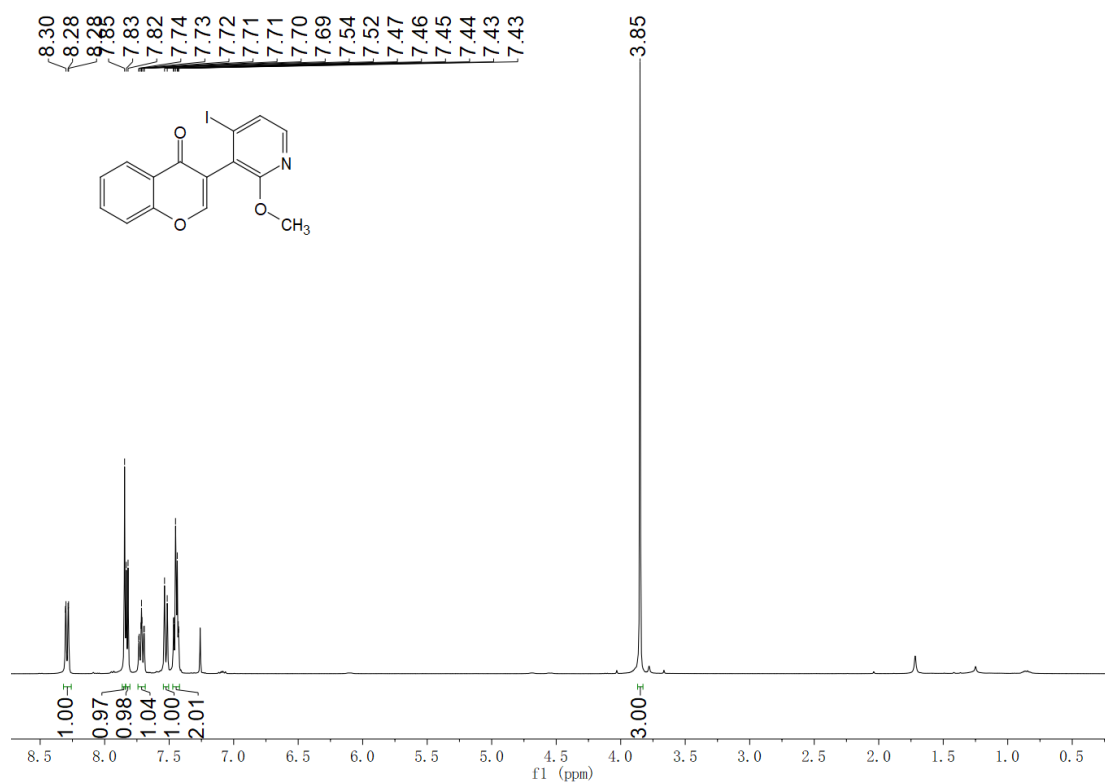
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3d



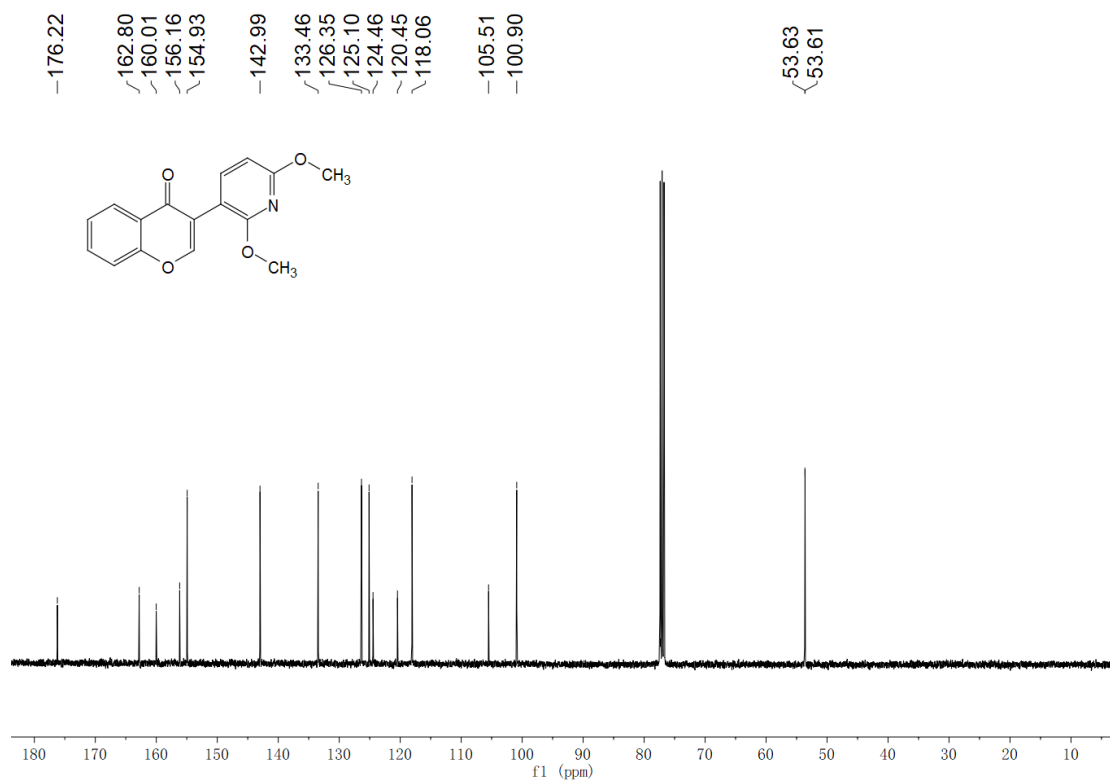
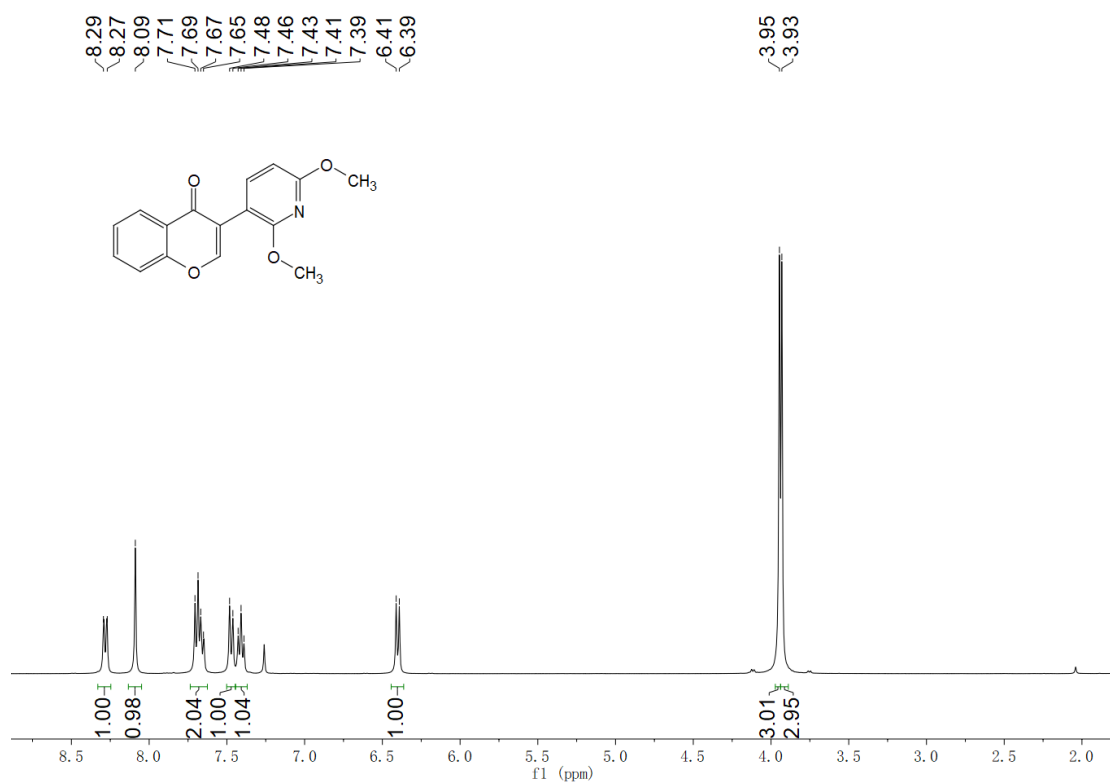
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3e



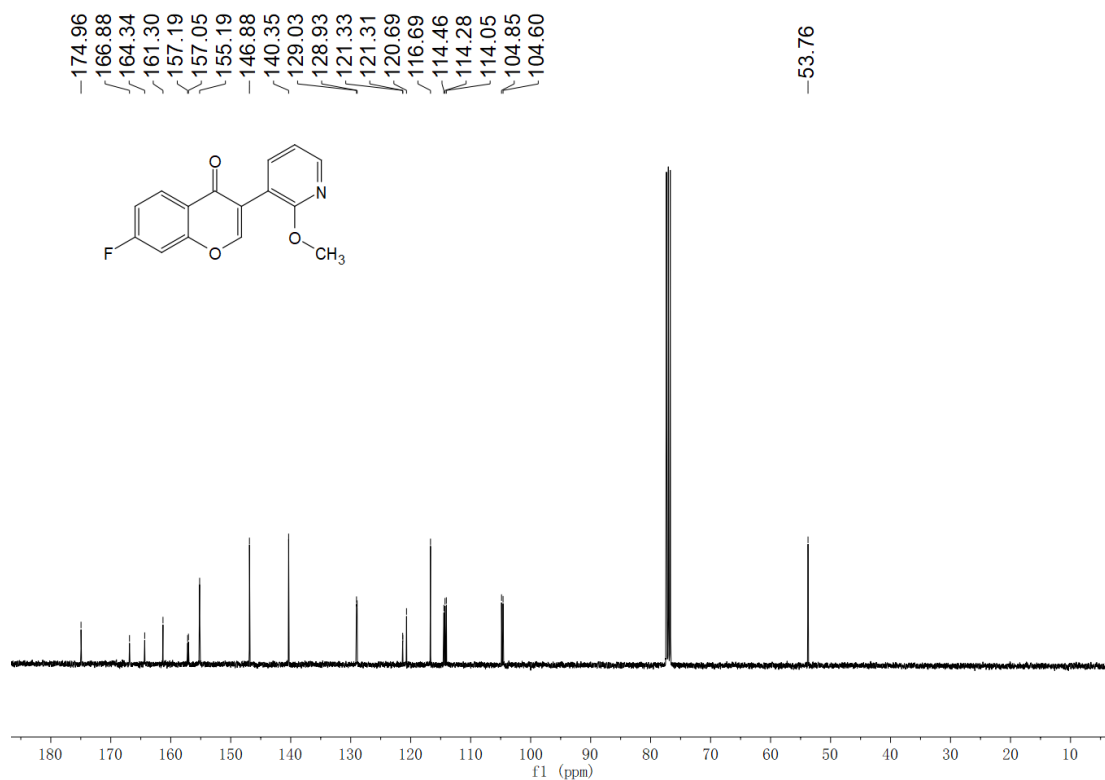
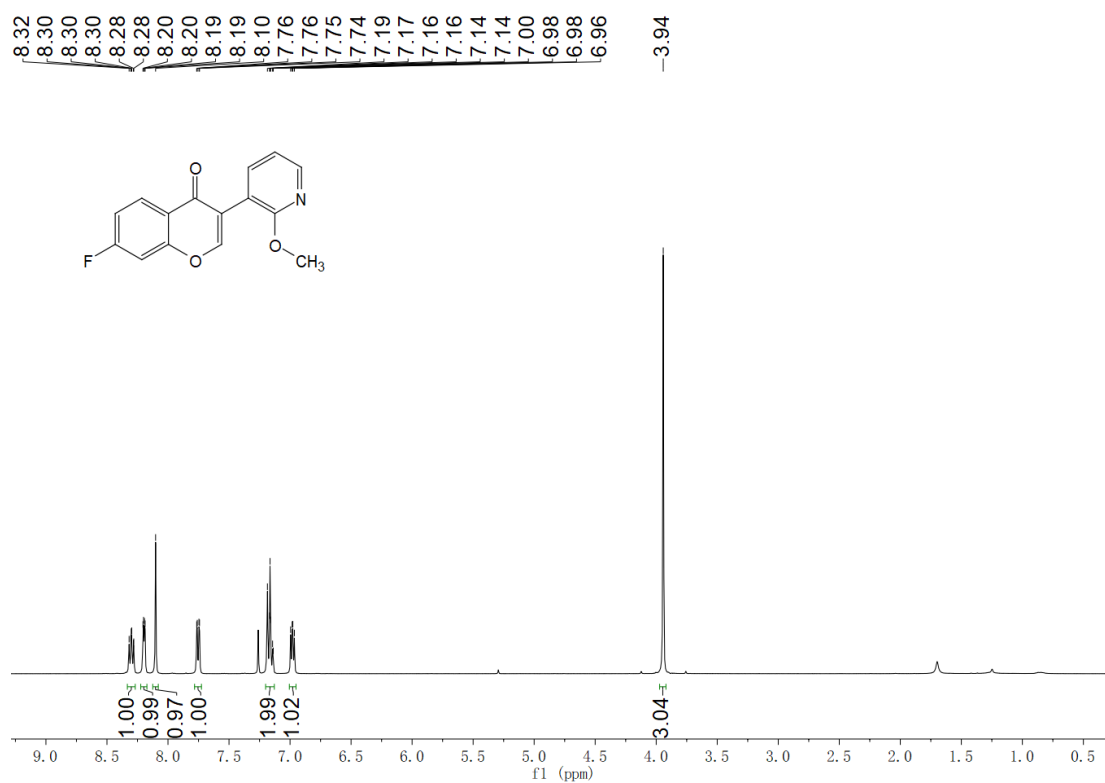
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (101 MHz, CDCl_3)

spectra of 3f



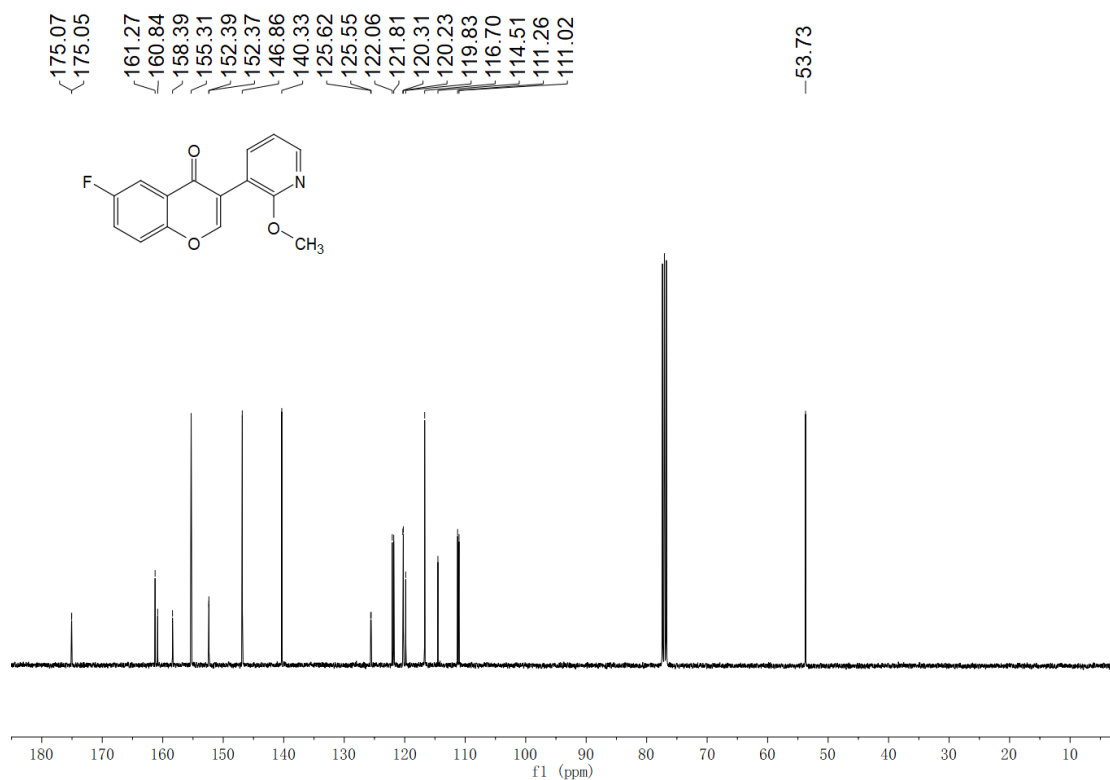
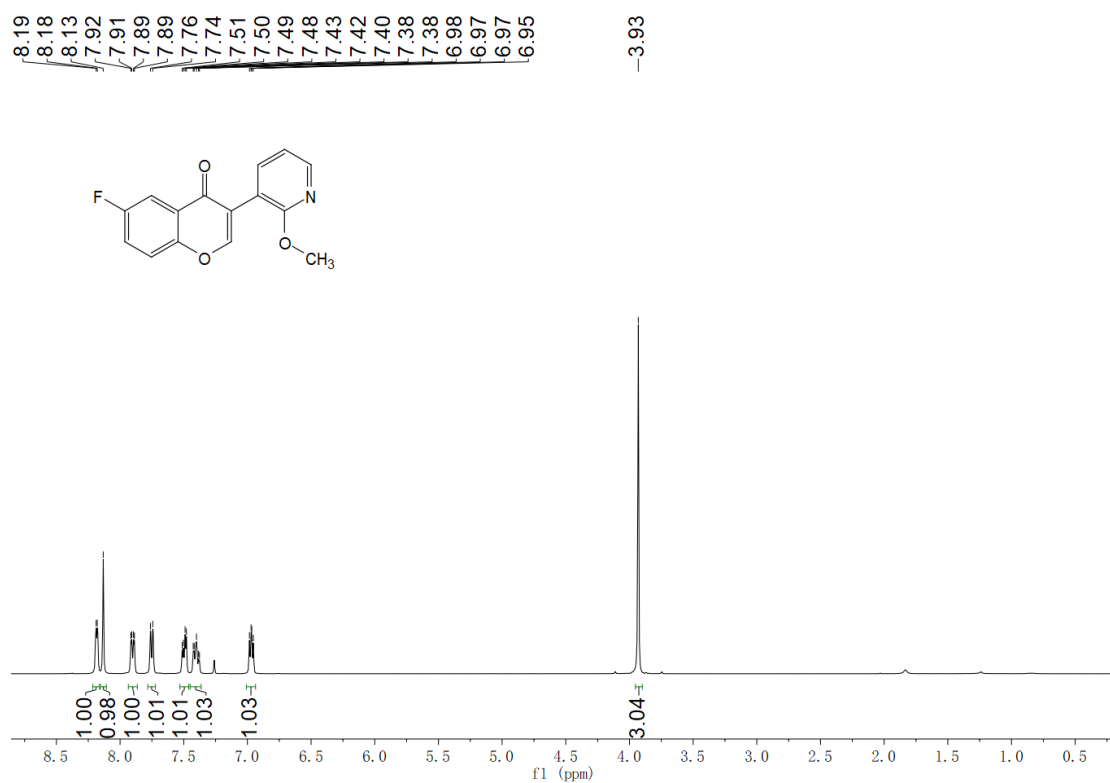
¹H NMR (400 MHz, Chloroform-d) and ¹³C NMR (101 MHz, Chloroform-d)

spectra of 3g



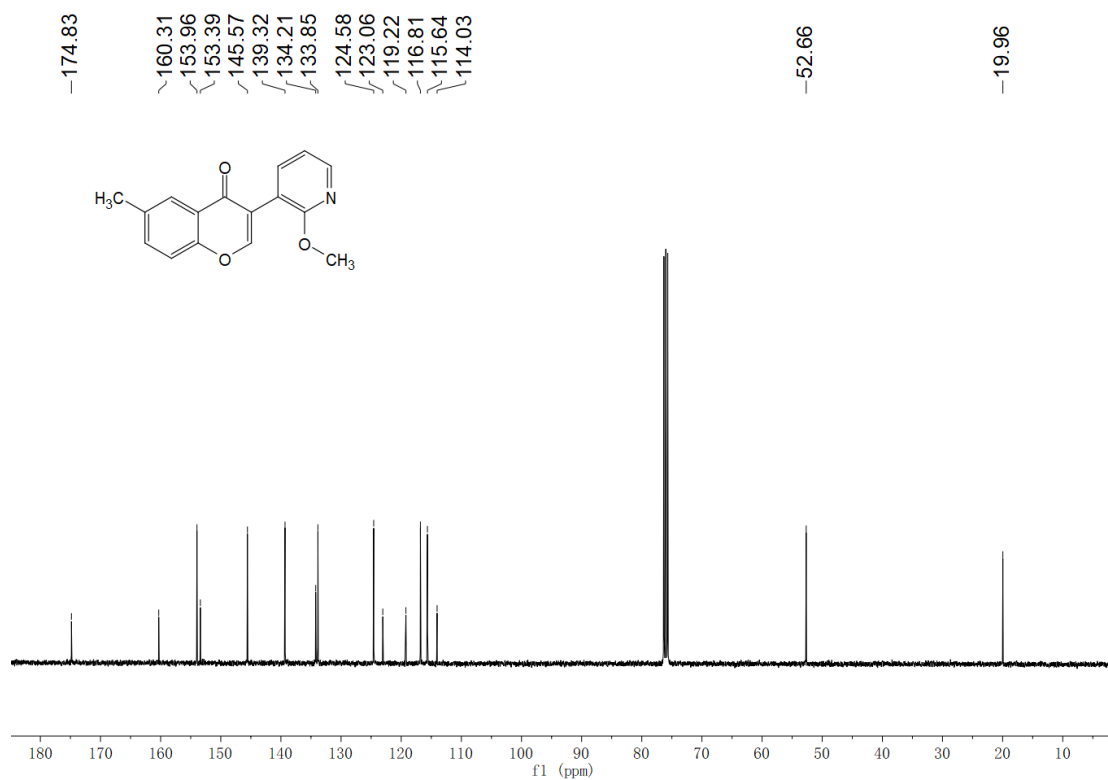
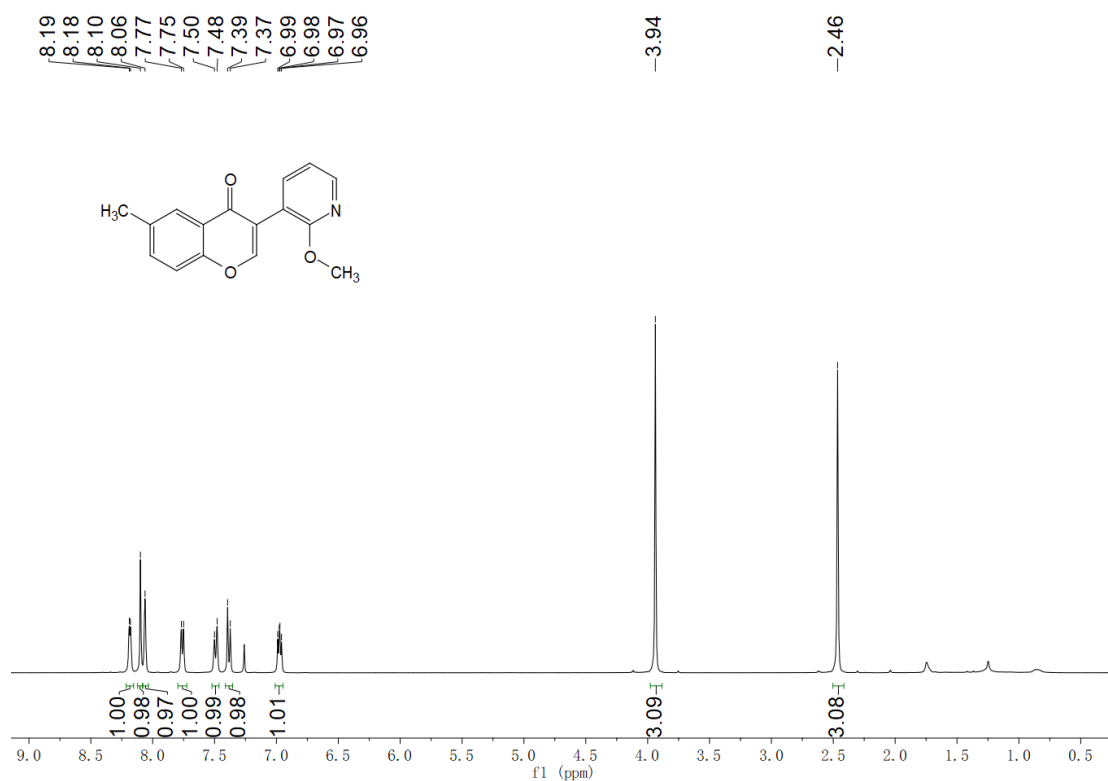
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3h



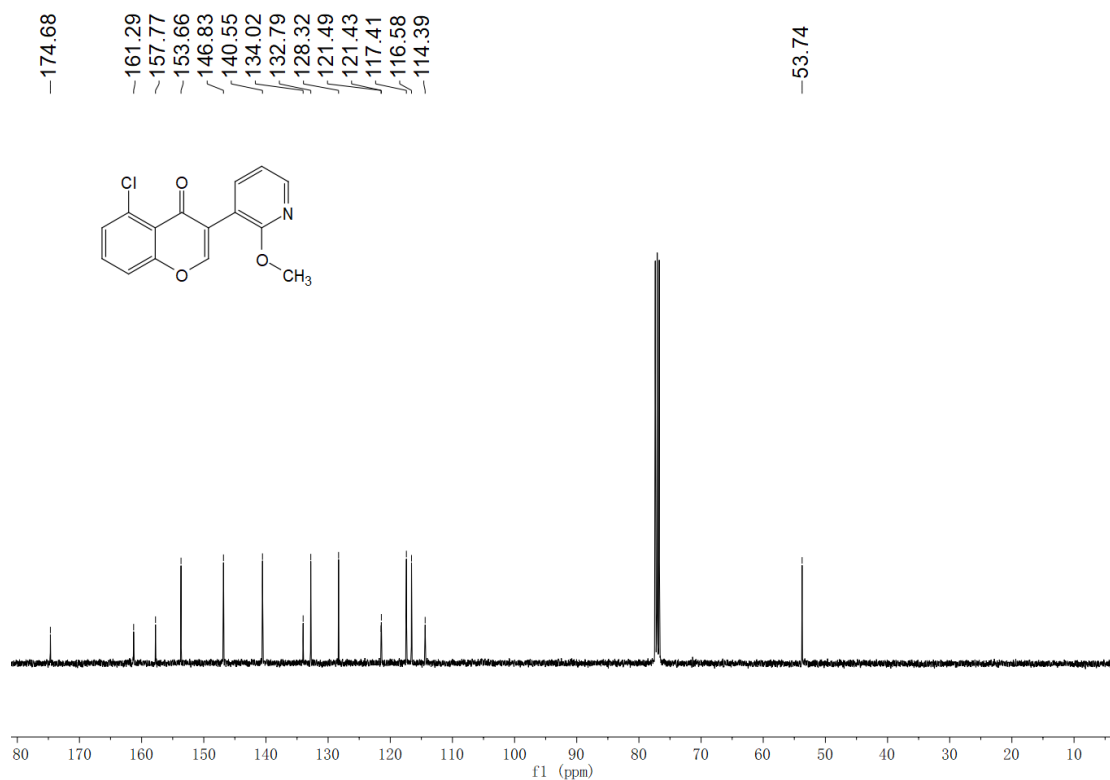
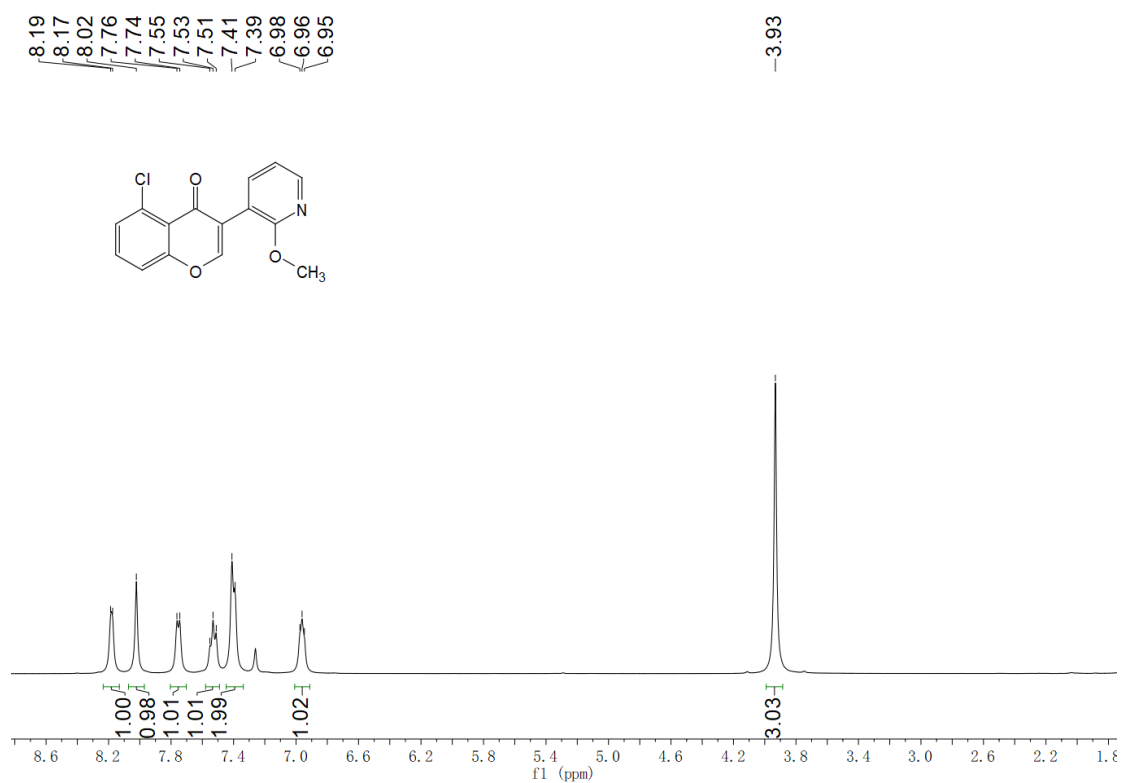
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3i



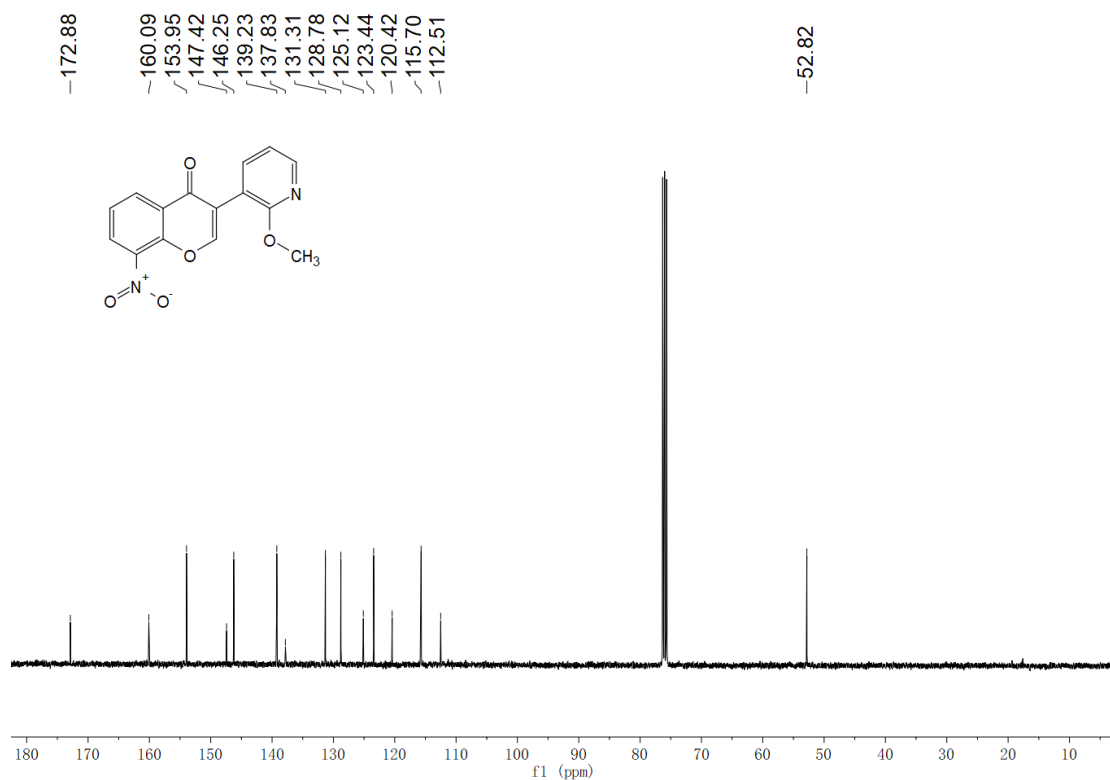
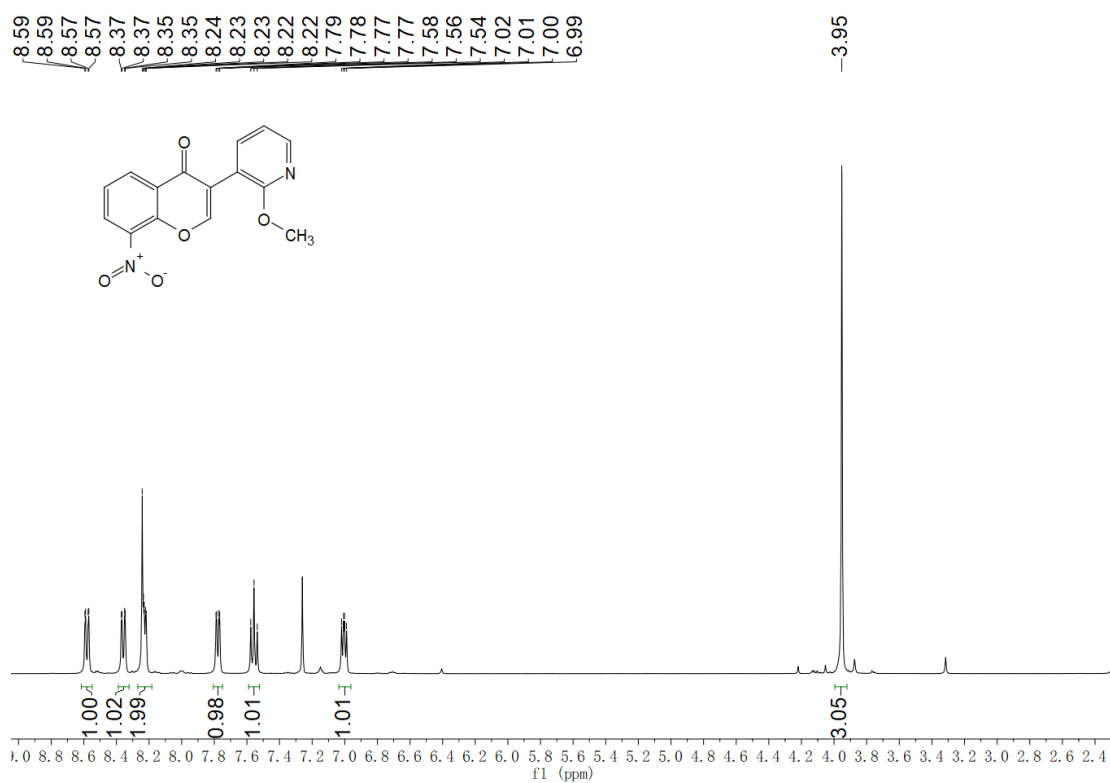
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3j



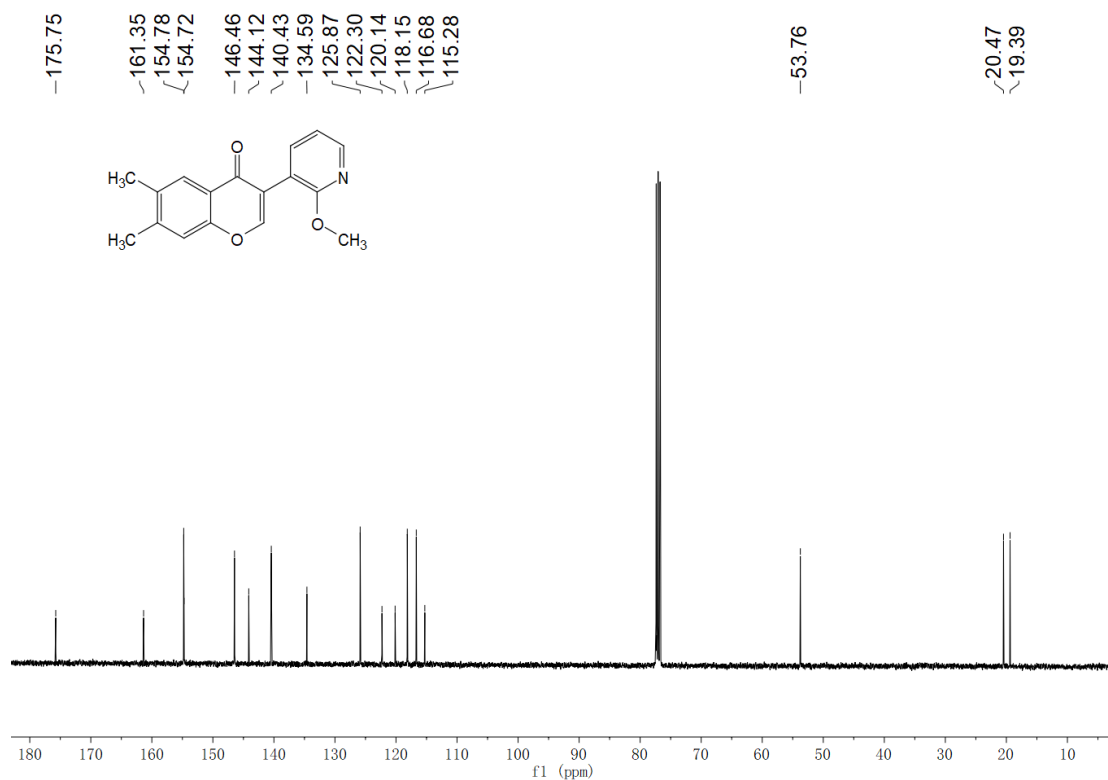
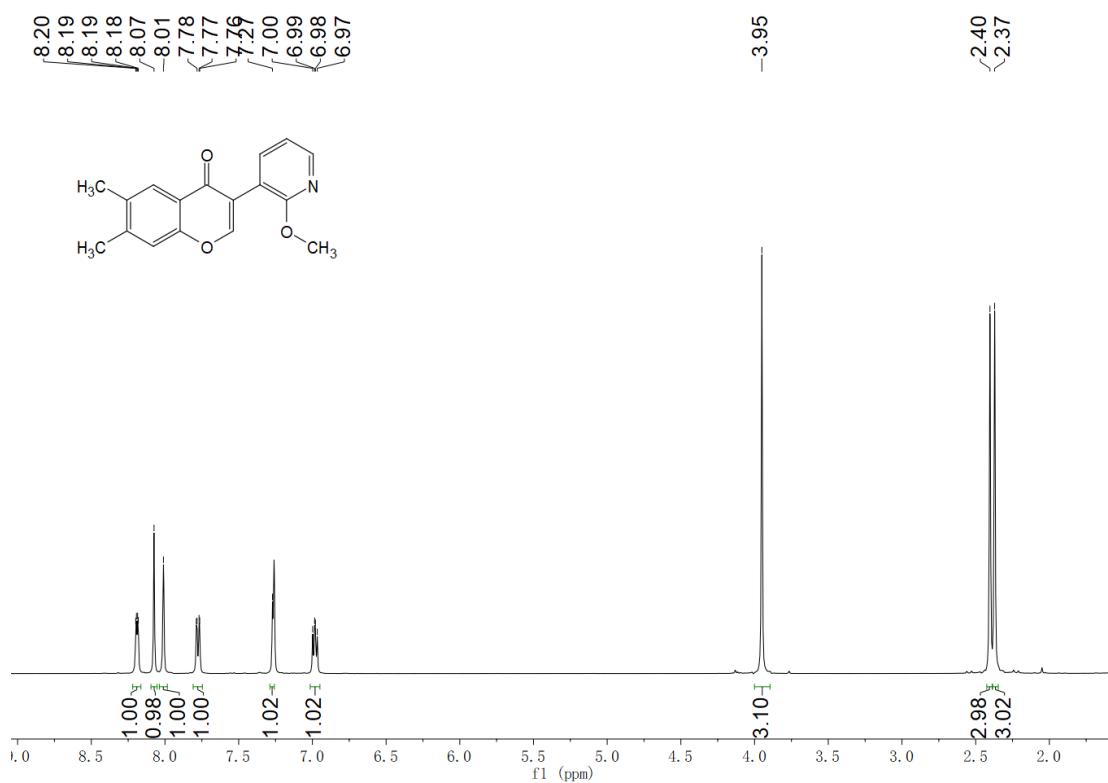
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3k



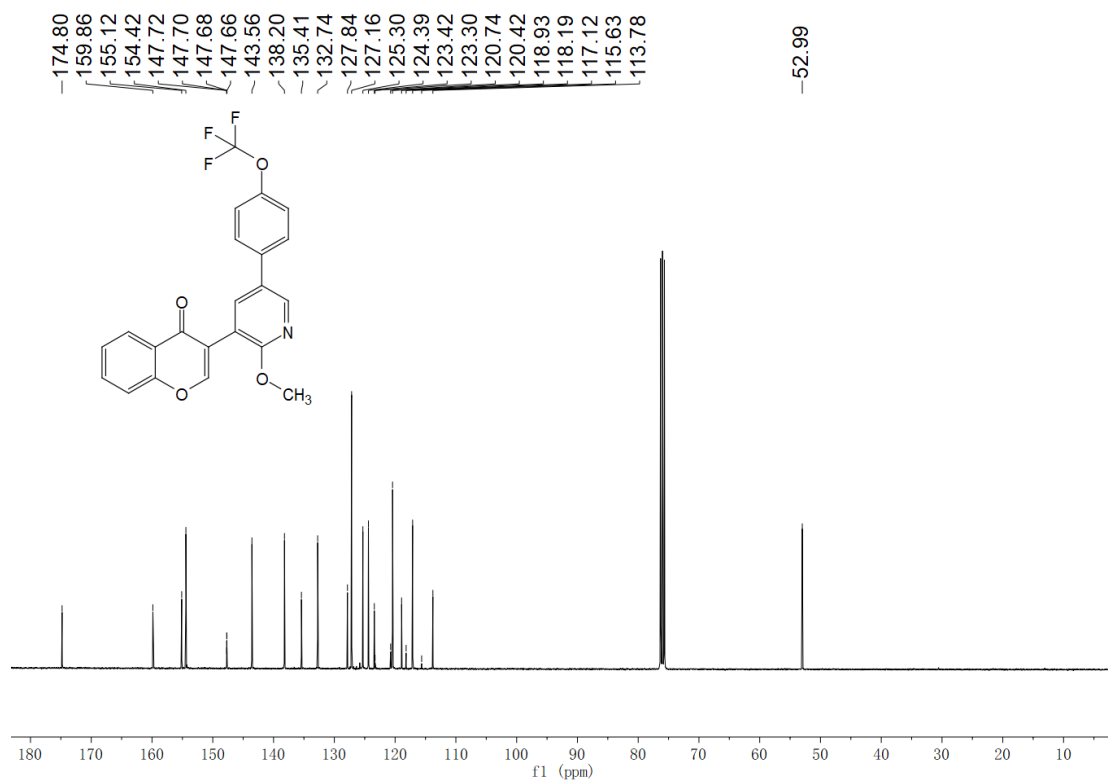
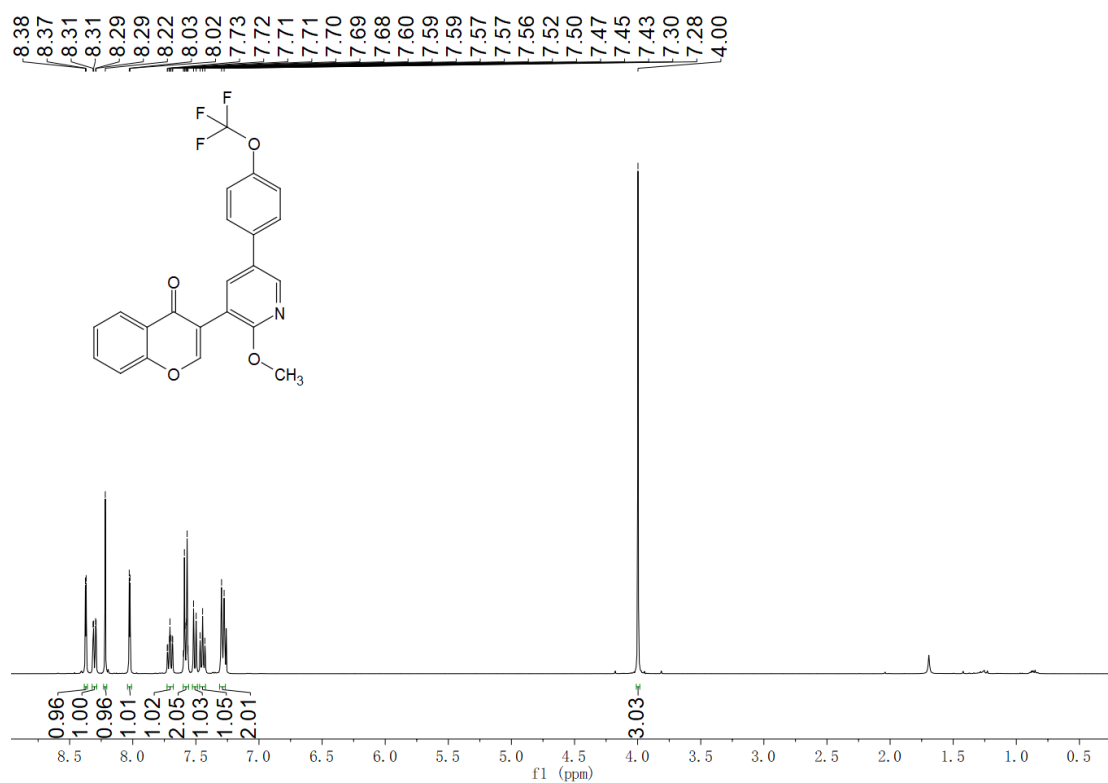
¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 3l

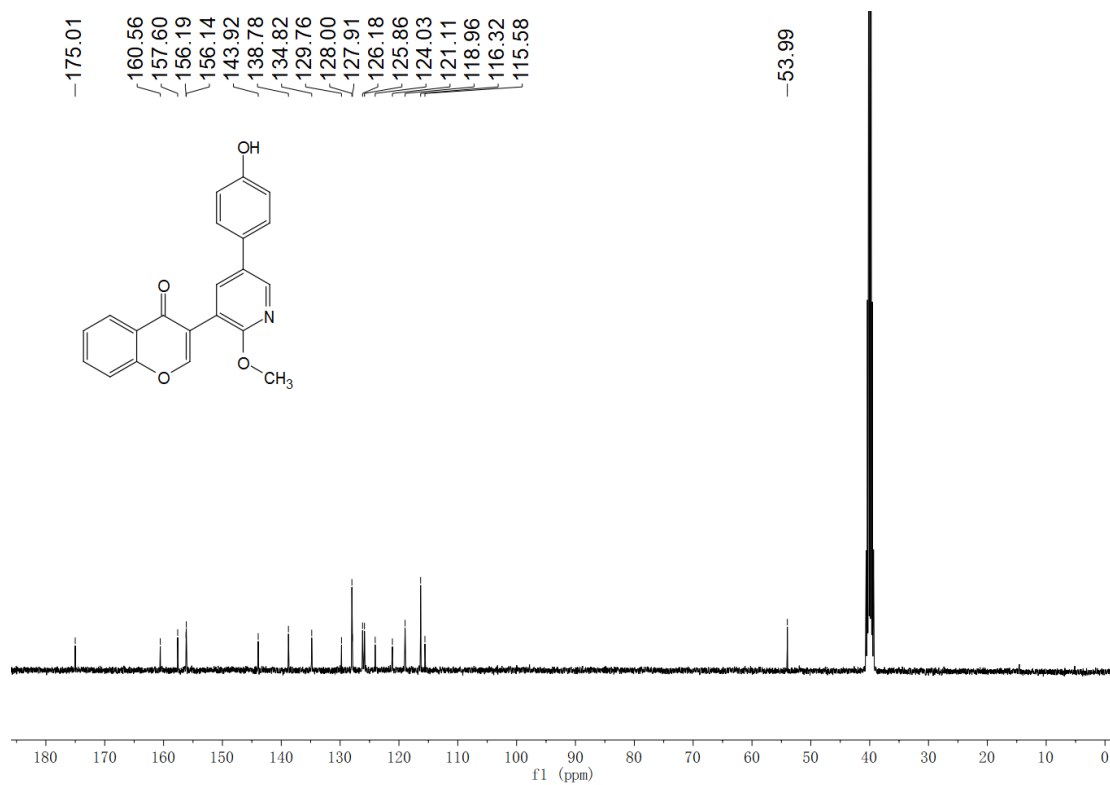
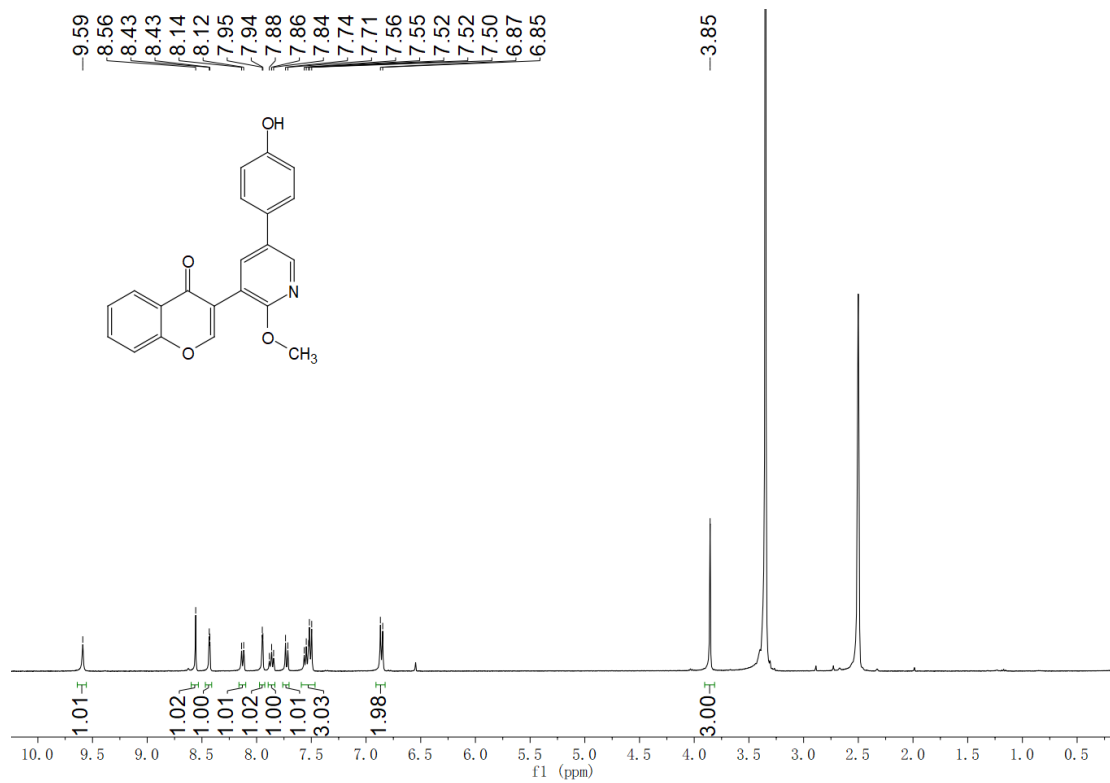


¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 4a



¹H NMR (400 MHz, DMSO-*d*₆) and ¹³C NMR (101 MHz, DMSO-*d*₆) spectra of 4b



¹H NMR (400 MHz, Chloroform-*d*) and ¹³C NMR (101 MHz, Chloroform-*d*)

spectra of 4c

