

SYNTHESIS OF 4-HYDROXYAURONES AND THEIR HERBICIDAL ACTIVITIES

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Supporting Information

Contents

1. ¹ H NMR of compound 4a	S3
2. ¹³ C NMR of compound 4a	S3
3. ¹ H NMR of compound 4b	S4
4. ¹³ C NMR of compound 4b	S4
5. ¹ H NMR of compound 4c	S5
6. ¹ H NMR of compound 4d	S5
7. ¹³ C NMR of compound 4d	S6
8. ¹ H NMR of compound 4e	S6
9. ¹³ C NMR of compound 4e	S7
10. ¹ H NMR of compound 4f	S7
11. ¹³ C NMR of compound 4f	S8
12. ¹ H NMR of compound 4g	S8
13. ¹³ C NMR of compound 4g	S9
14. ¹ H NMR of compound 4h	S9
15. ¹ H NMR of compound 4i	S10
16. ¹³ C NMR of compound 4i	S10
17. ¹ H NMR of compound 4j	S11
18. ¹³ C NMR of compound 4j	S11
19. ¹ H NMR of compound 4k	S12

20.	¹³ C NMR of compound 4k	S12
21.	¹ H NMR of compound 4l	S13
22.	¹³ C NMR of compound 4l	S13
23.	¹ H NMR of compound 4m	S14
24.	¹³ C NMR of compound 4m	S14
25.	¹ H NMR of compound 4n	S15
26.	¹³ C NMR of compound 4n	S15
27.	¹ H NMR of compound 4o	S16
28.	¹³ C NMR of compound 4o	S16
29.	¹ H NMR of compound 4p	S17
30.	¹³ C NMR of compound 4p	S17
31.	¹ H NMR of compound 4q	S18
32.	¹³ C NMR of compound 4q	S18
33.	¹ H NMR of compound 4r	S19
34.	¹³ C NMR of compound 4r	S19
35.	¹ H NMR of compound 4s	S20
36.	¹ H NMR of compound 4t	S20
37.	¹³ C NMR of compound 4t	S21
38.	¹ H NMR of compound 4u	S21
39.	¹³ C NMR of compound 4u	S22
40.	¹ H NMR of compound 4v	S22

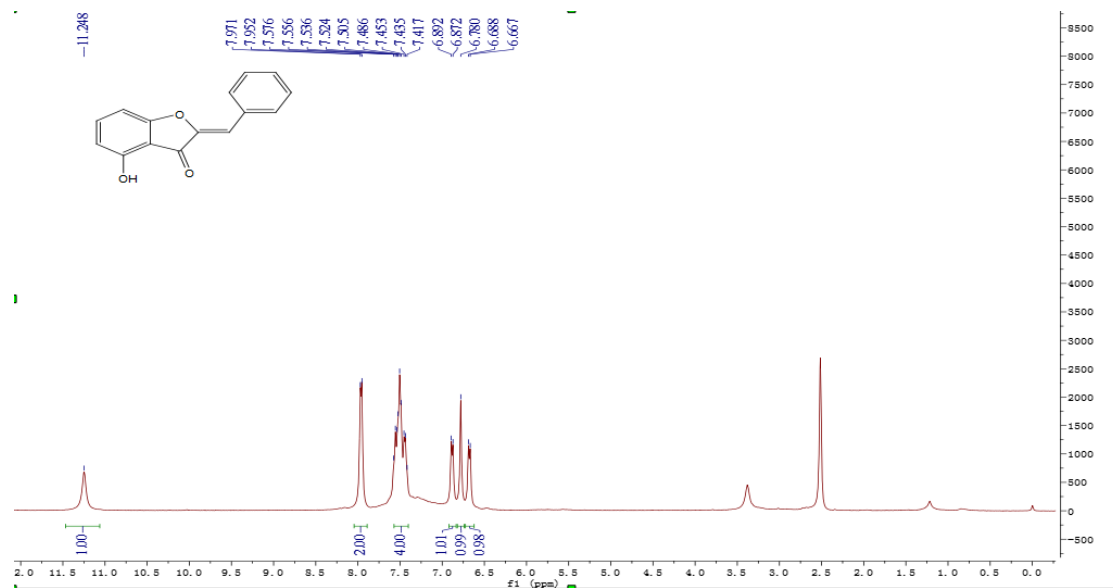


Figure S1 ¹H NMR of compound 4a

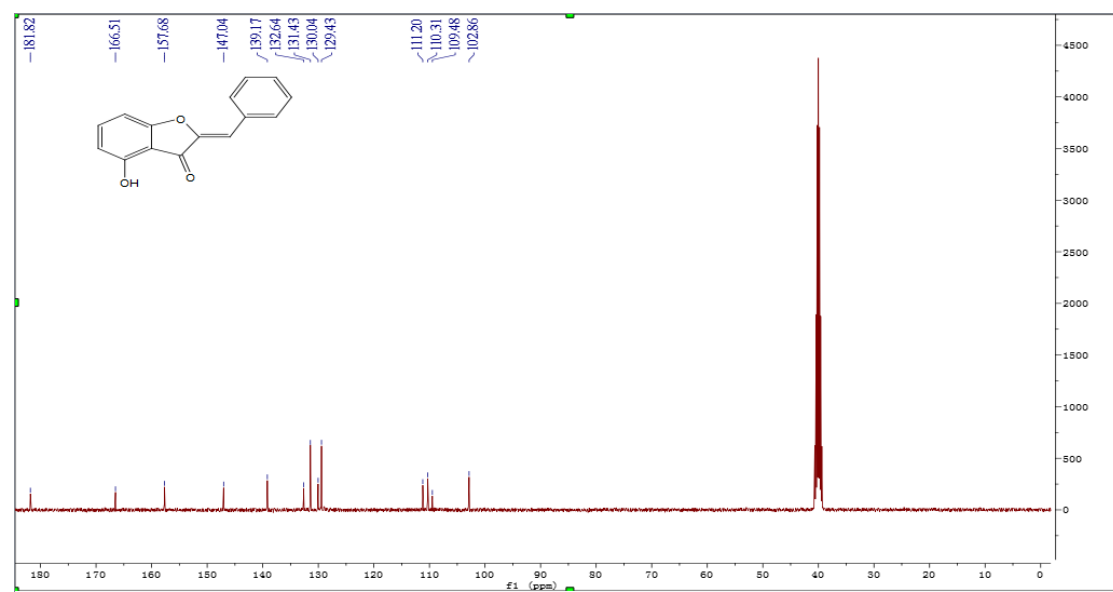


Figure S2 ¹³C NMR of compound 4a

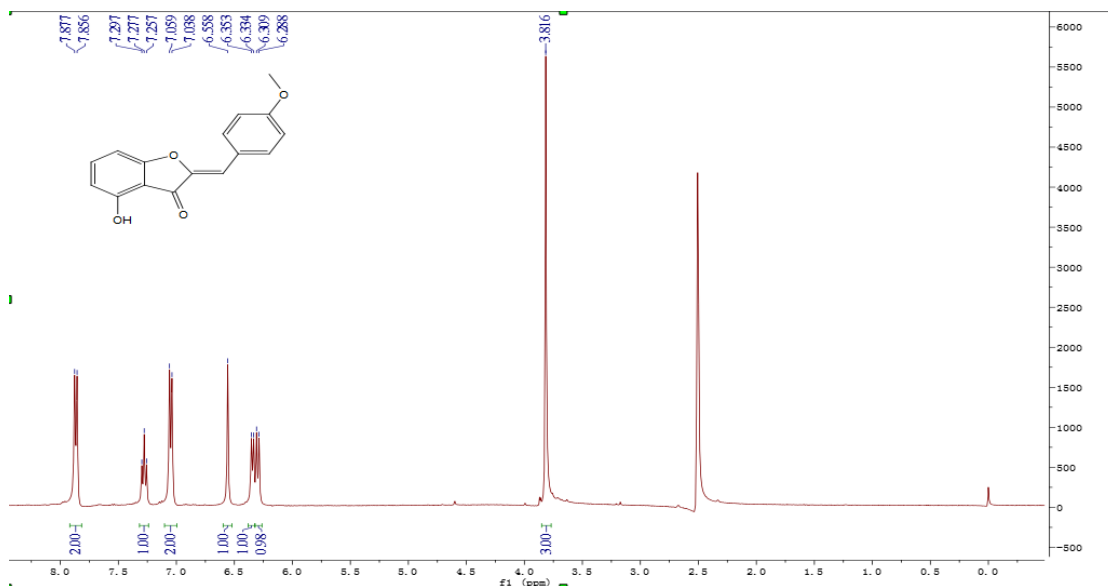


Figure S3 ^1H NMR of compound 4b

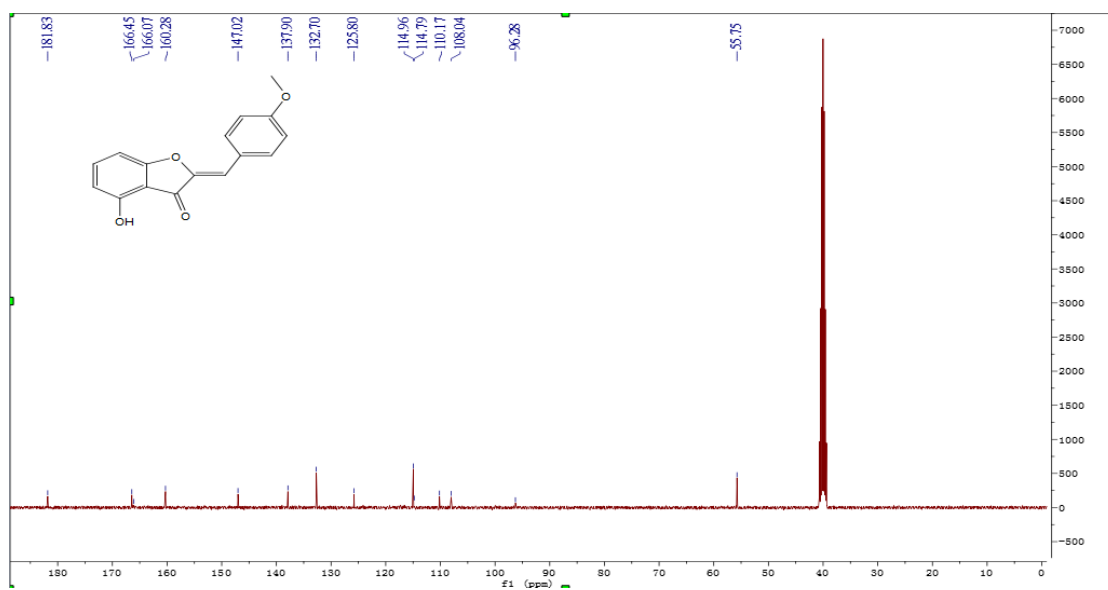


Figure S4 ^{13}C NMR of compound 4b

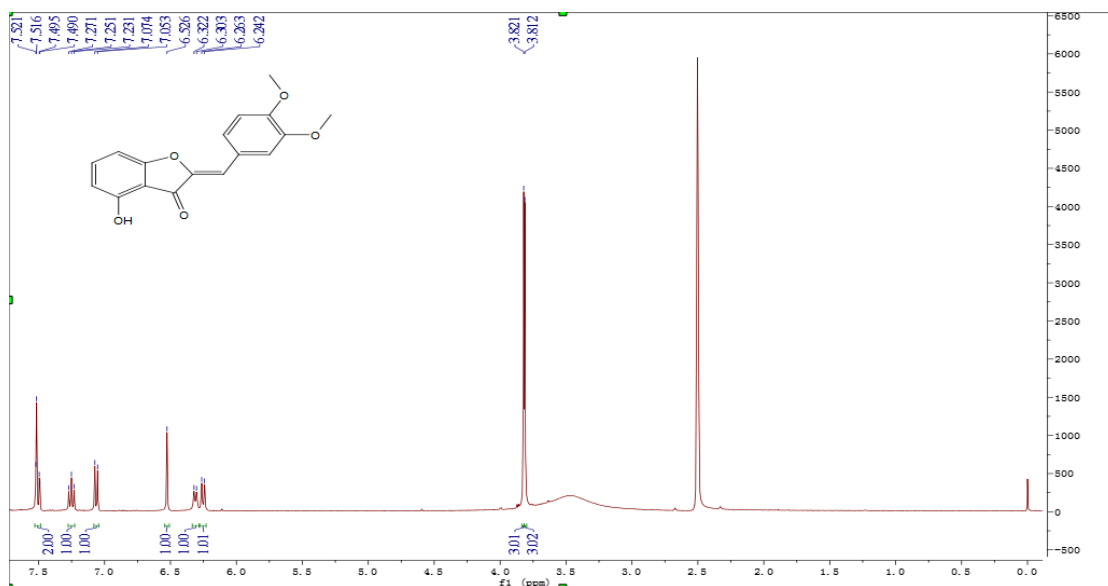


Figure S5 ^1H NMR of compound 4c

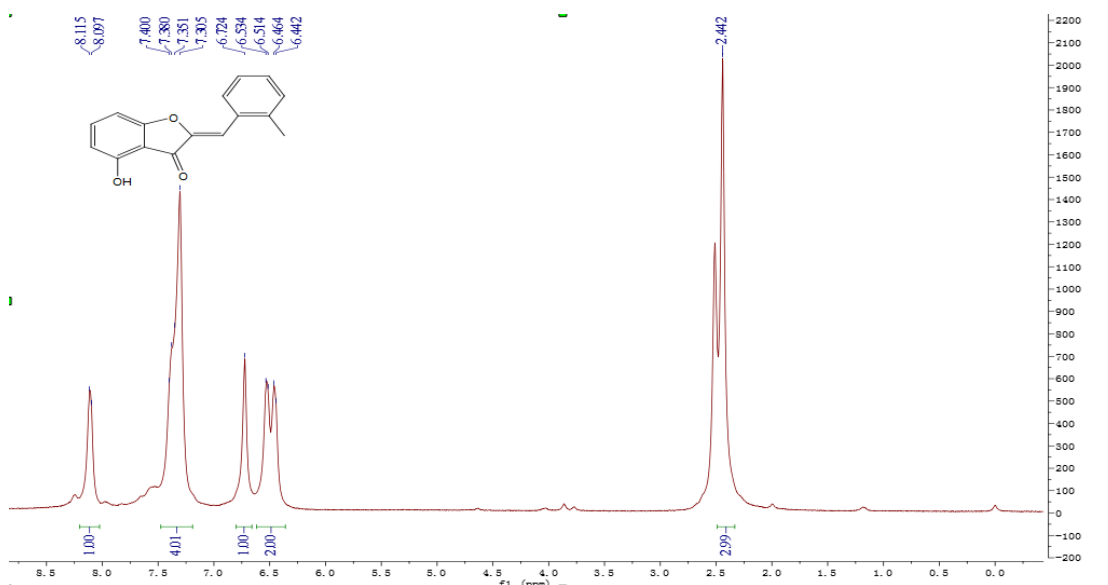


Figure S6 ^1H NMR of compound 4d

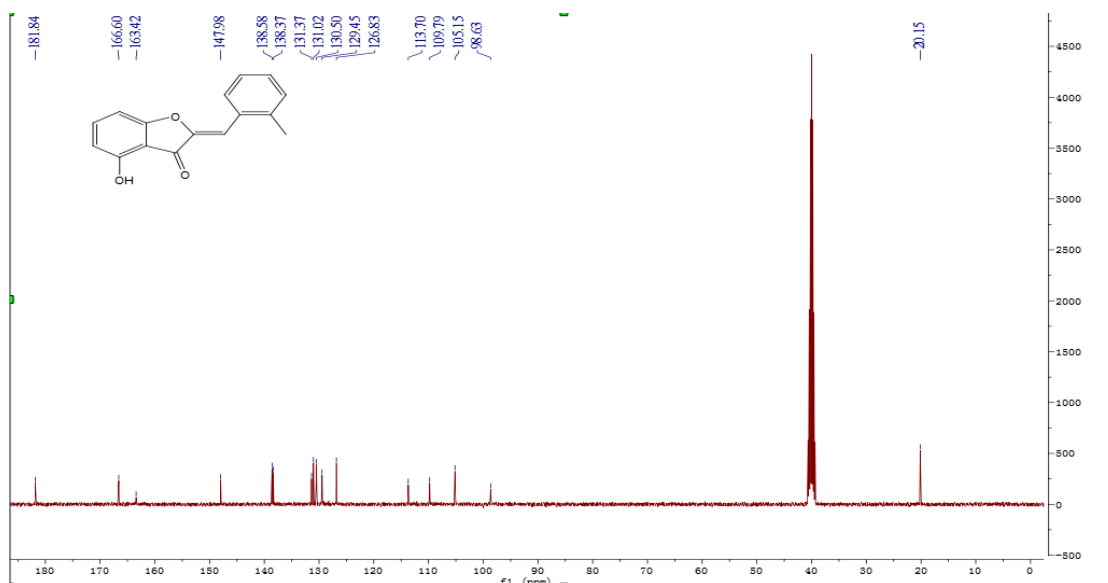


Figure S7 ¹³C NMR of compound 4d

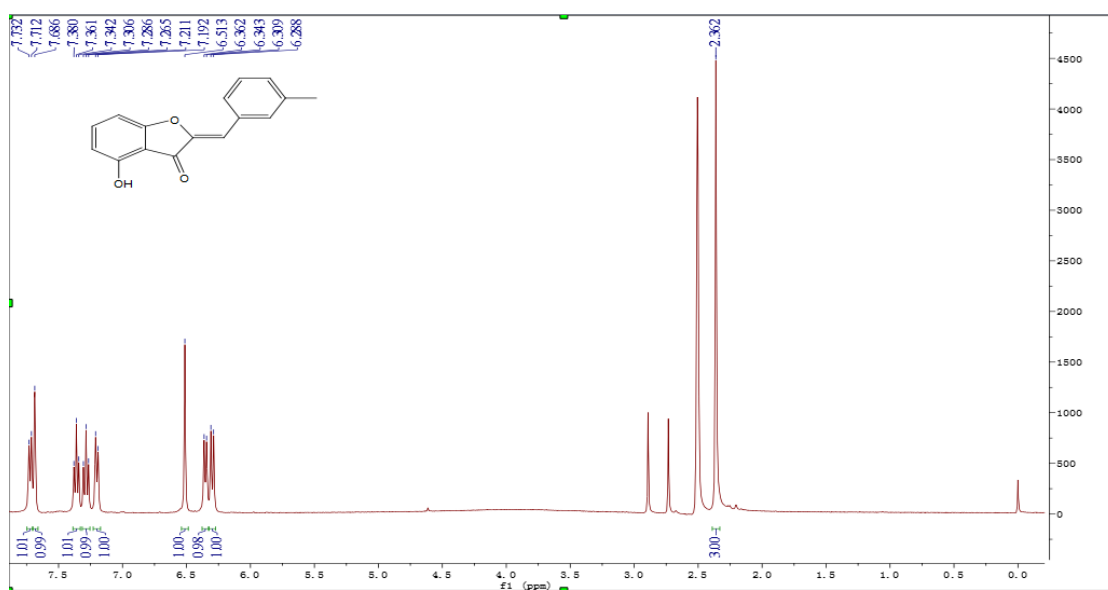


Figure S8 ¹H NMR of compound 4e

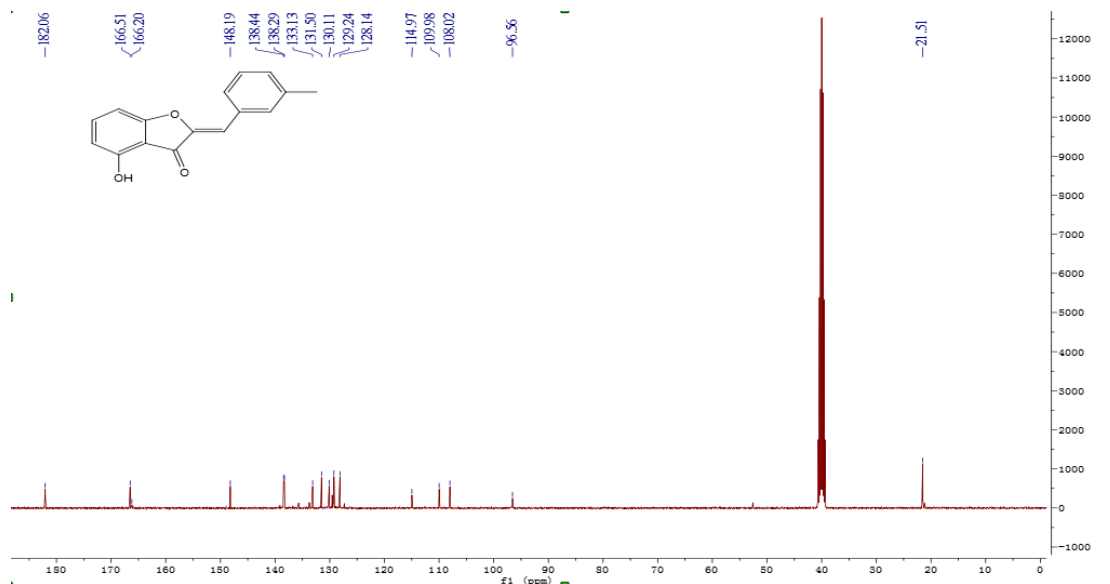


Figure S9 ¹³C NMR of compound 4e

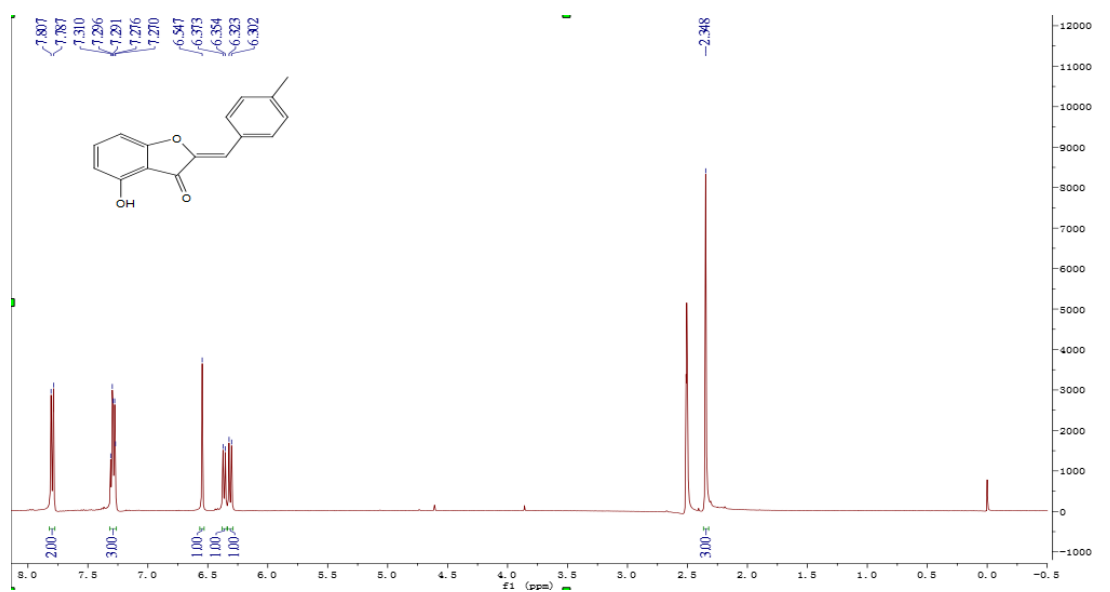


Figure S10 ¹H NMR of compound 4f

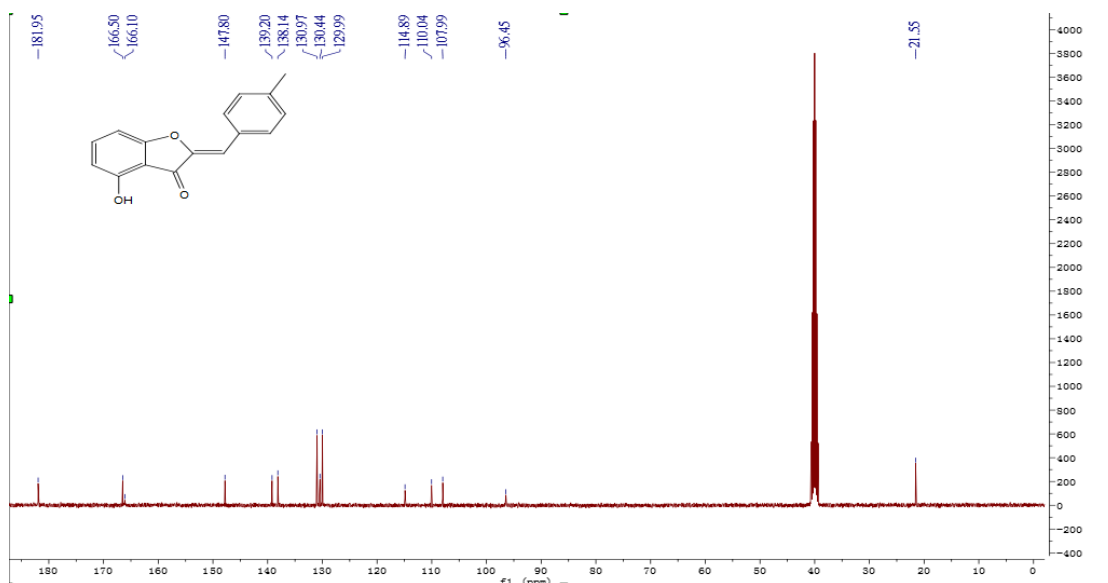


Figure S11 ¹³C NMR of compound 4f

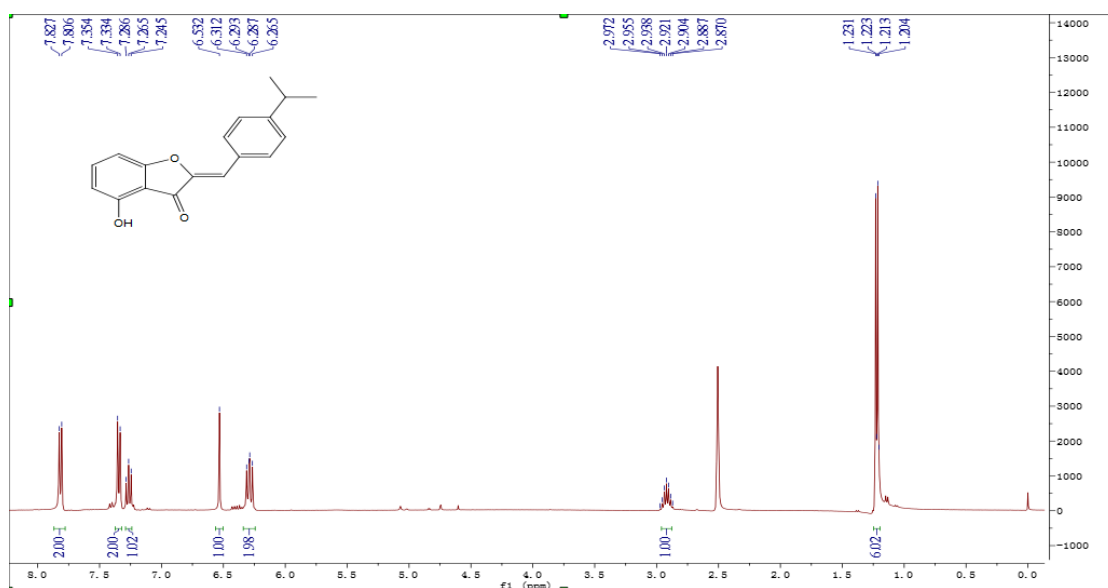


Figure S12 ¹H NMR of compound 4g

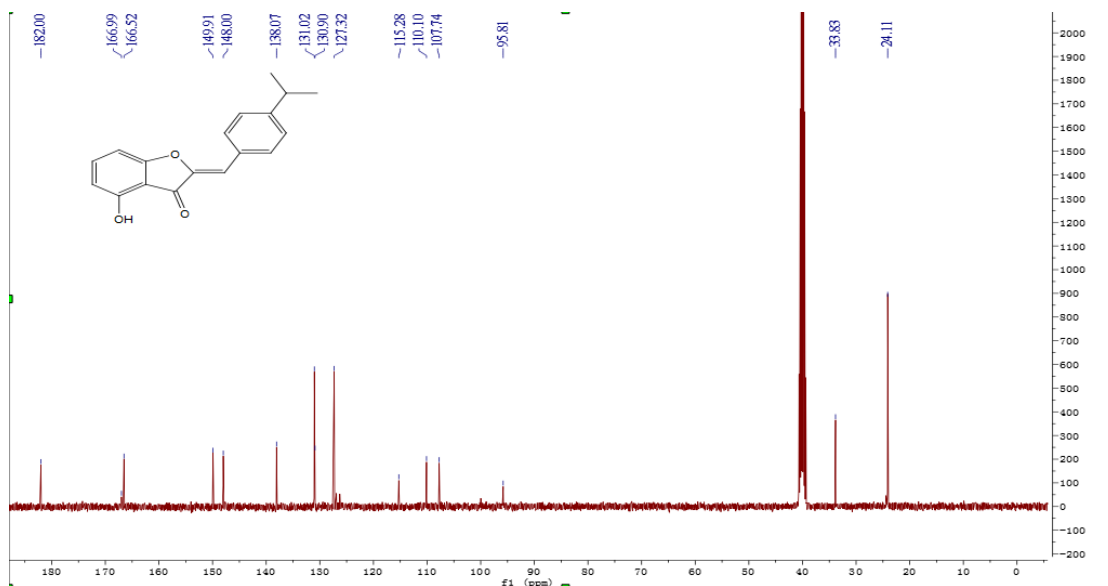


Figure S13 ^{13}C NMR of compound 4g

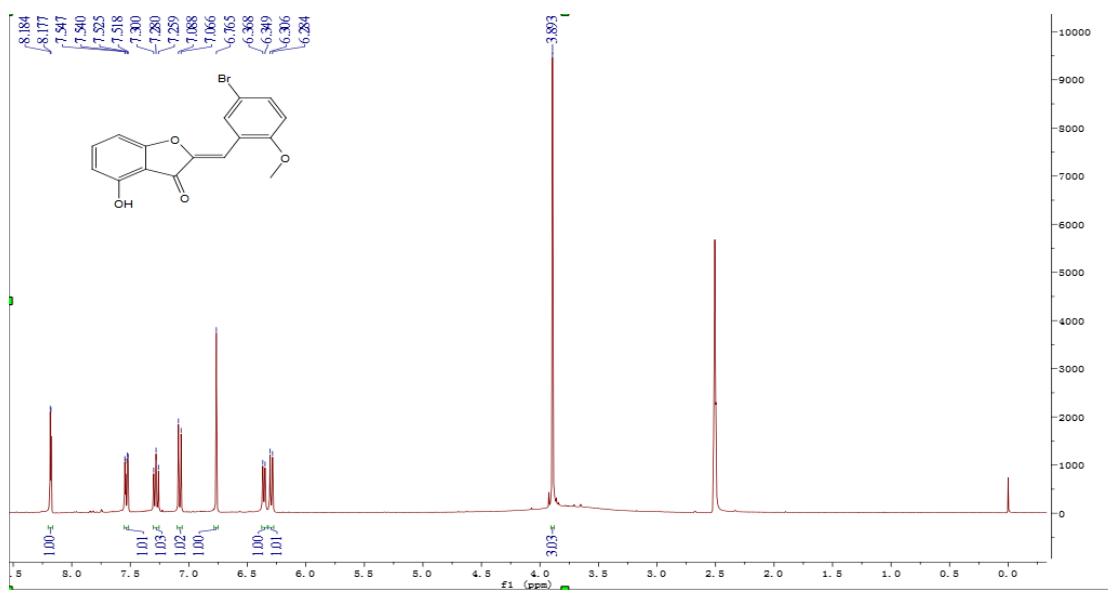


Figure S14 ^1H NMR of compound 4h

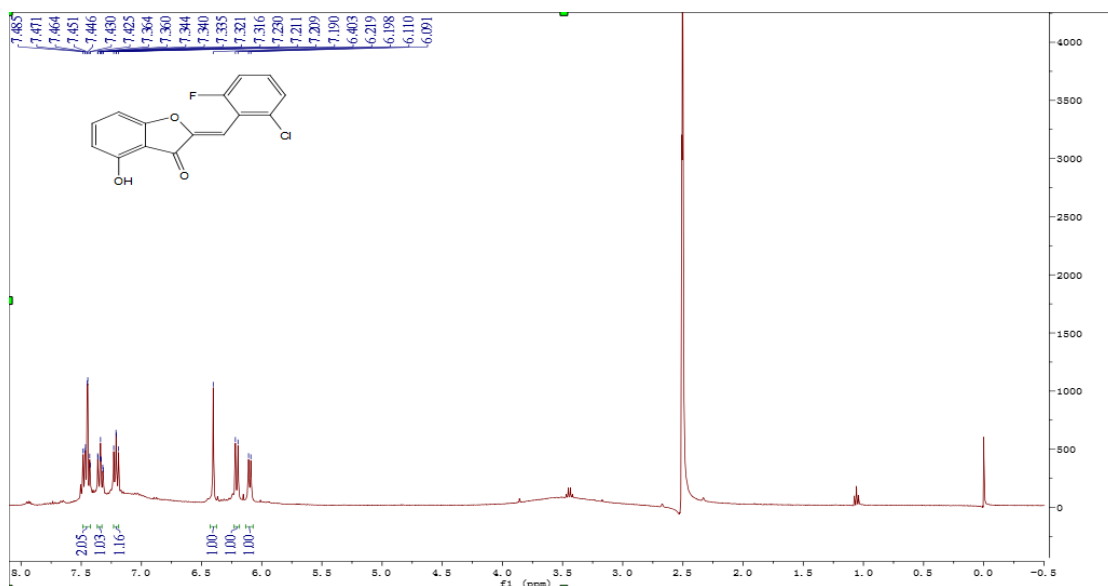


Figure S15 ^1H NMR of compound 4i

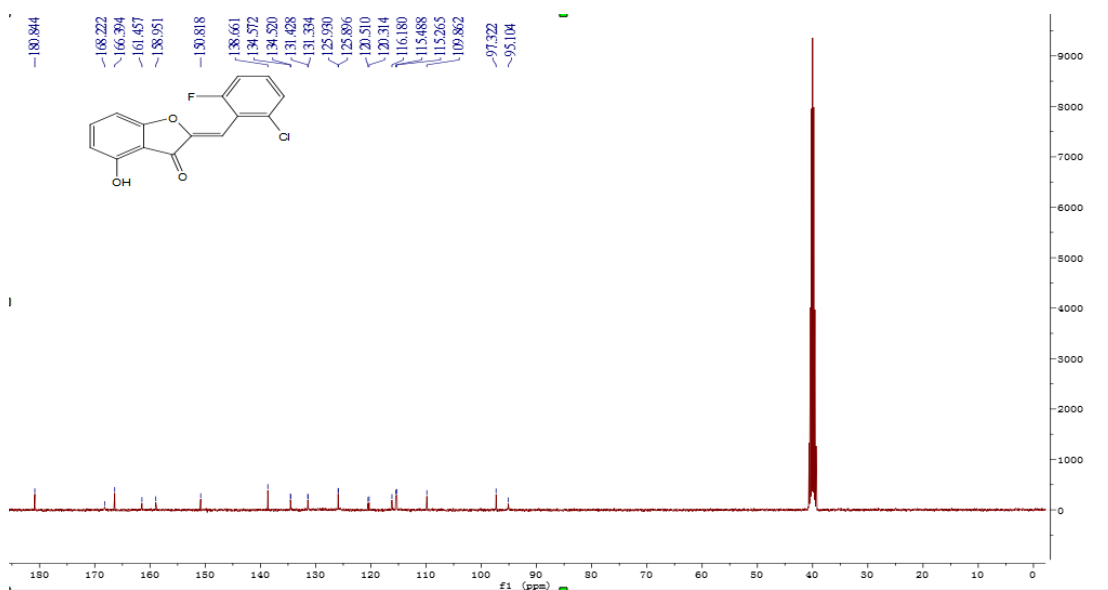


Figure S16 ^{13}C NMR of compound 4i

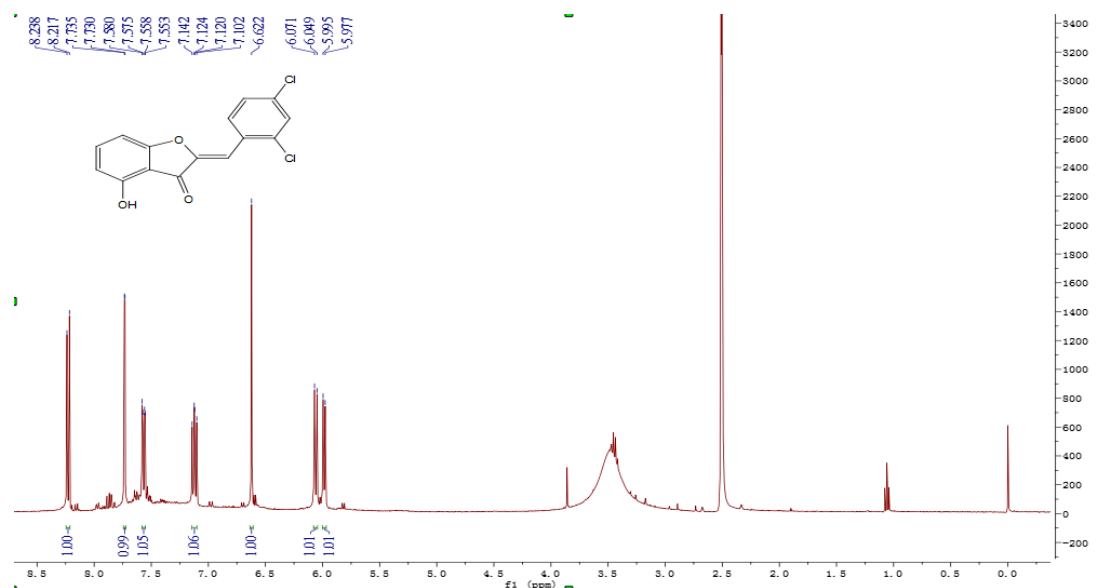


Figure S17 ¹H NMR of compound 4j

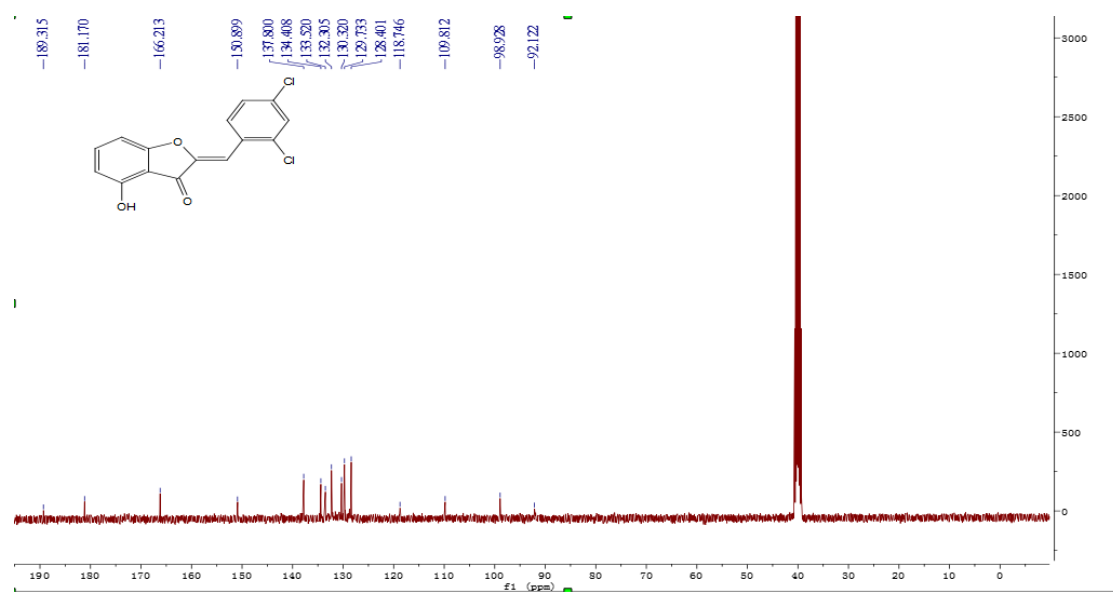


Figure S18 ¹³C NMR of compound 4j

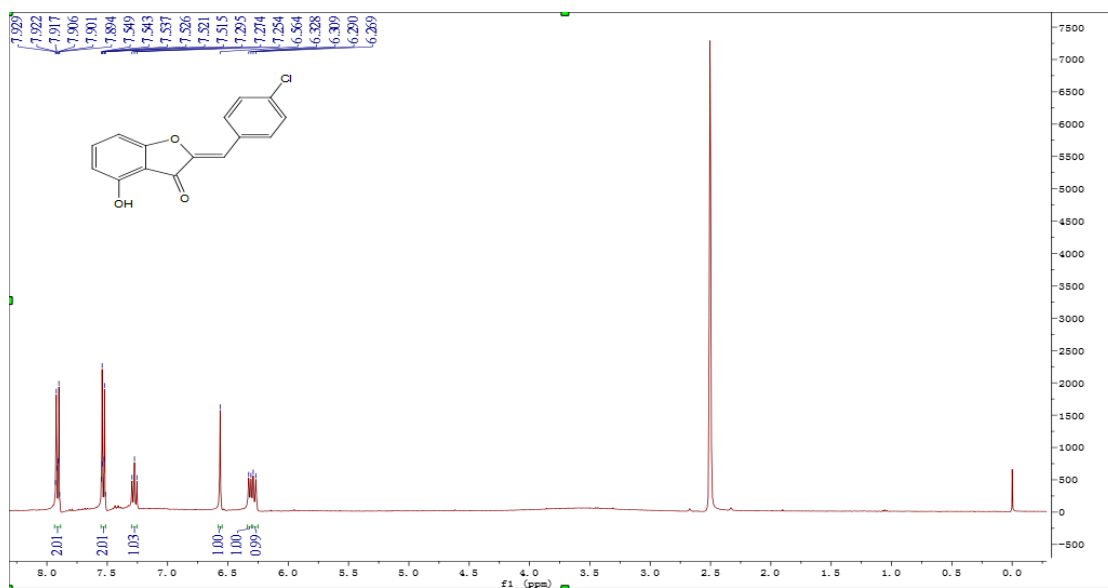


Figure S19 ^1H NMR of compound 4k

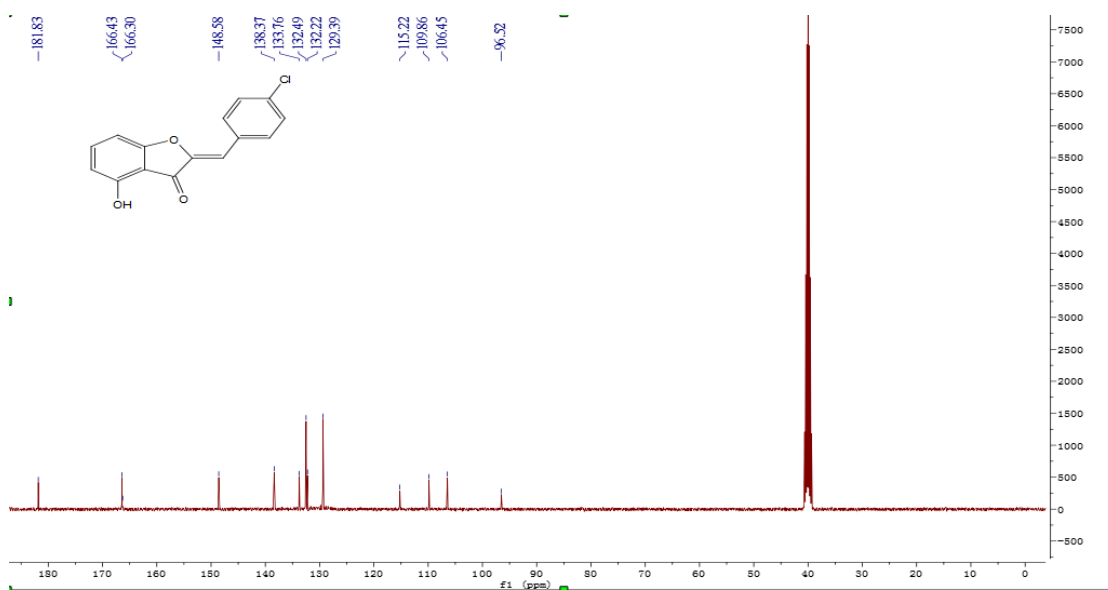


Figure S20 ^{13}C NMR of compound 4k

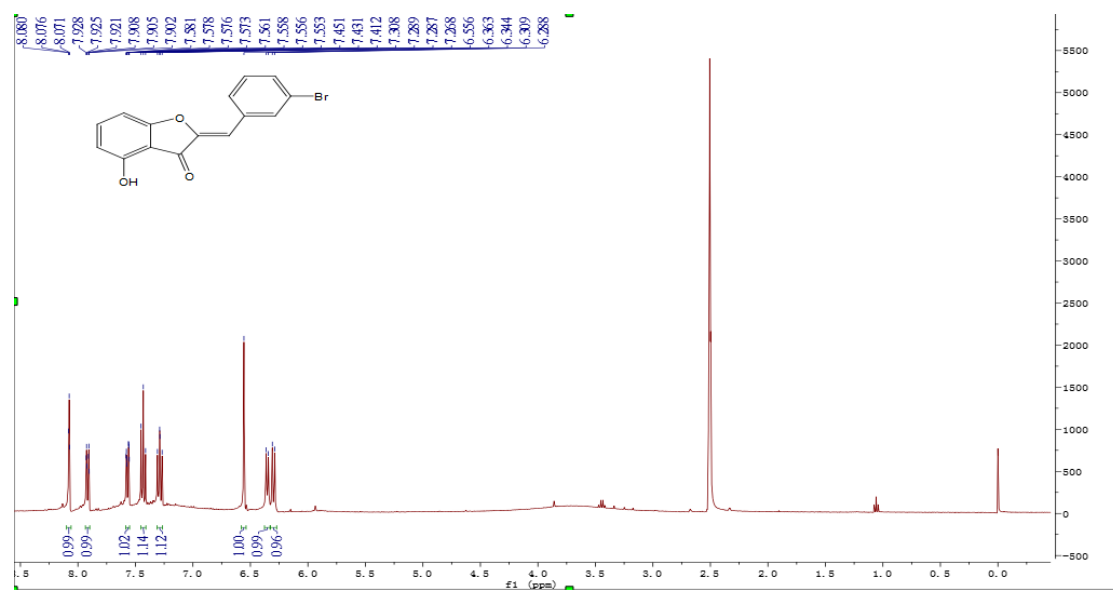


Figure S21 ¹H NMR of compound 41

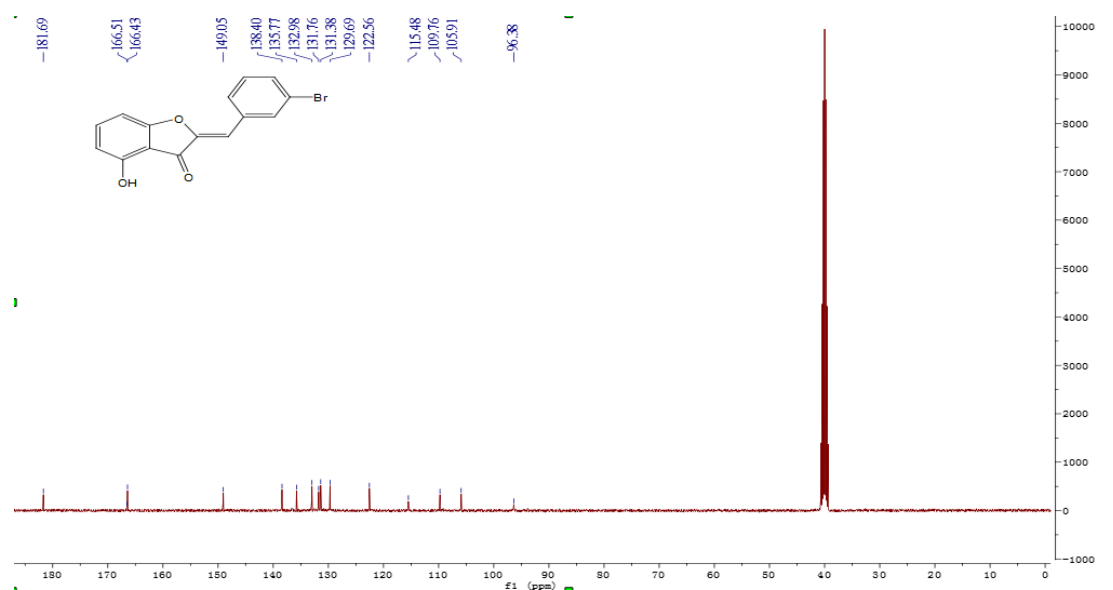


Figure S22 ¹³C NMR of compound 41

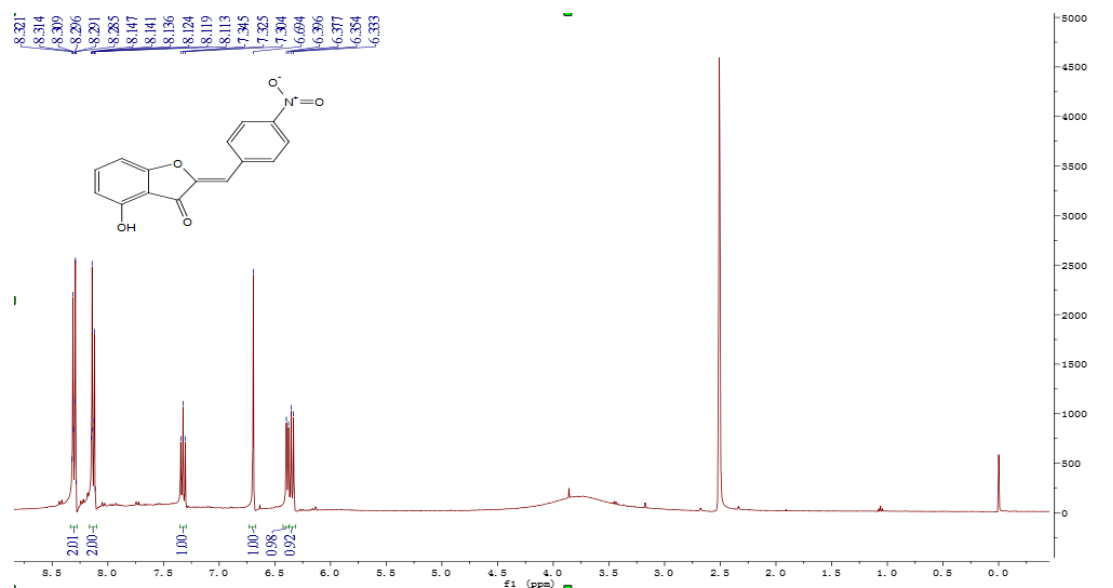


Figure S23 ¹H NMR of compound 4m

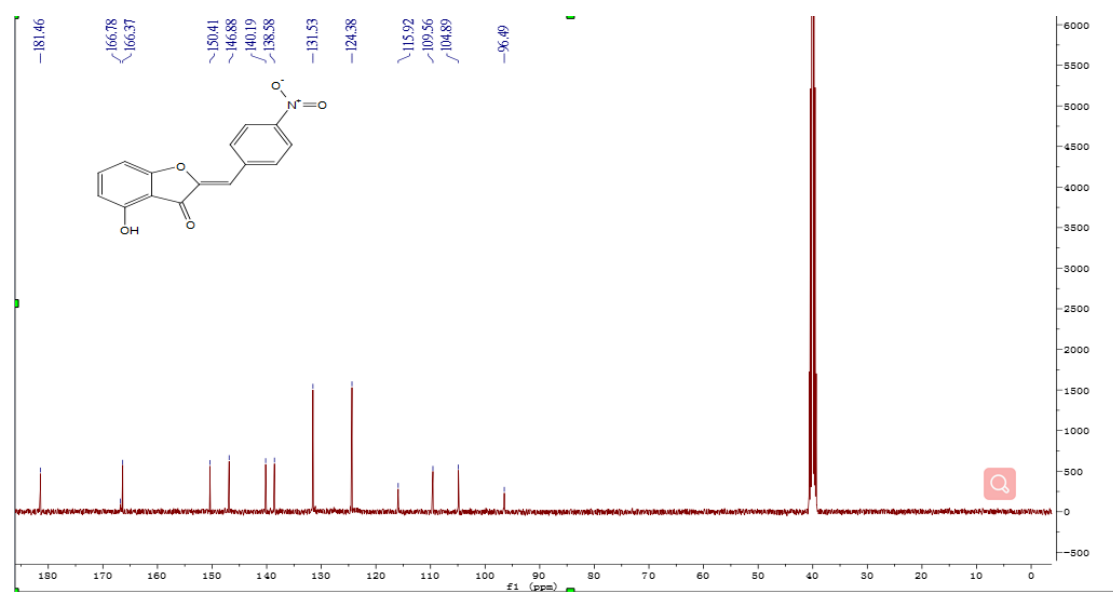


Figure S24 ¹³C NMR of compound 4m

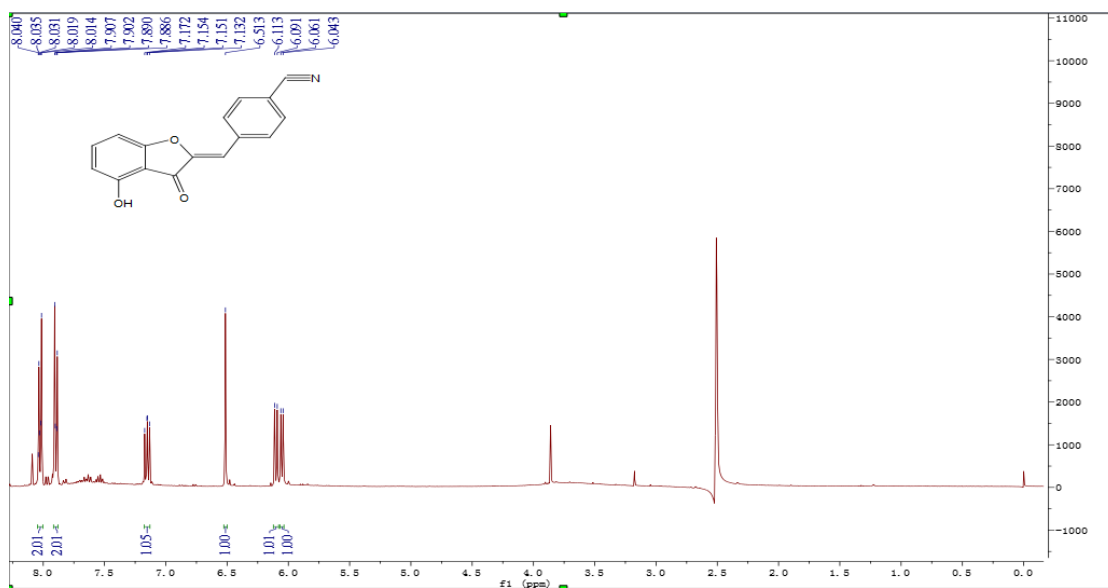


Figure S25 ^1H NMR of compound 4n

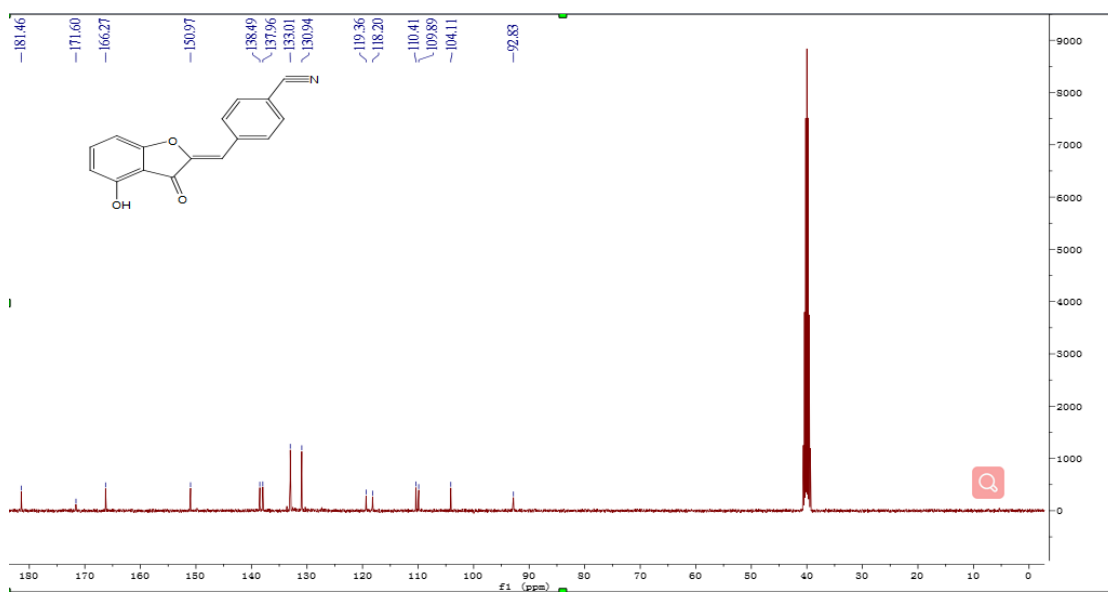


Figure S26 ^{13}C NMR of compound 4n

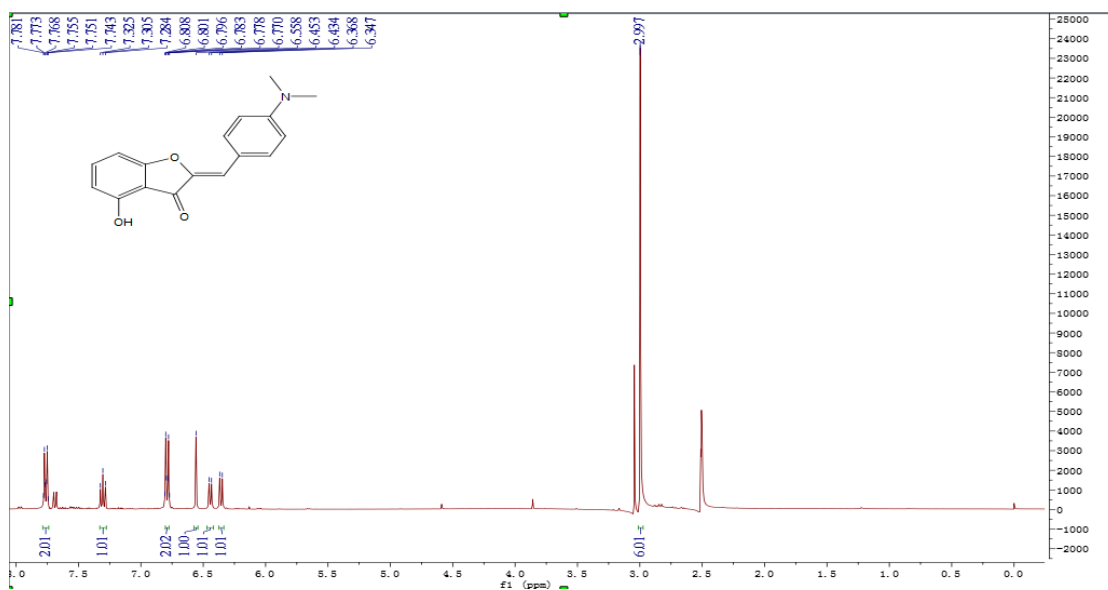


Figure S27 ^1H NMR of compound 4o

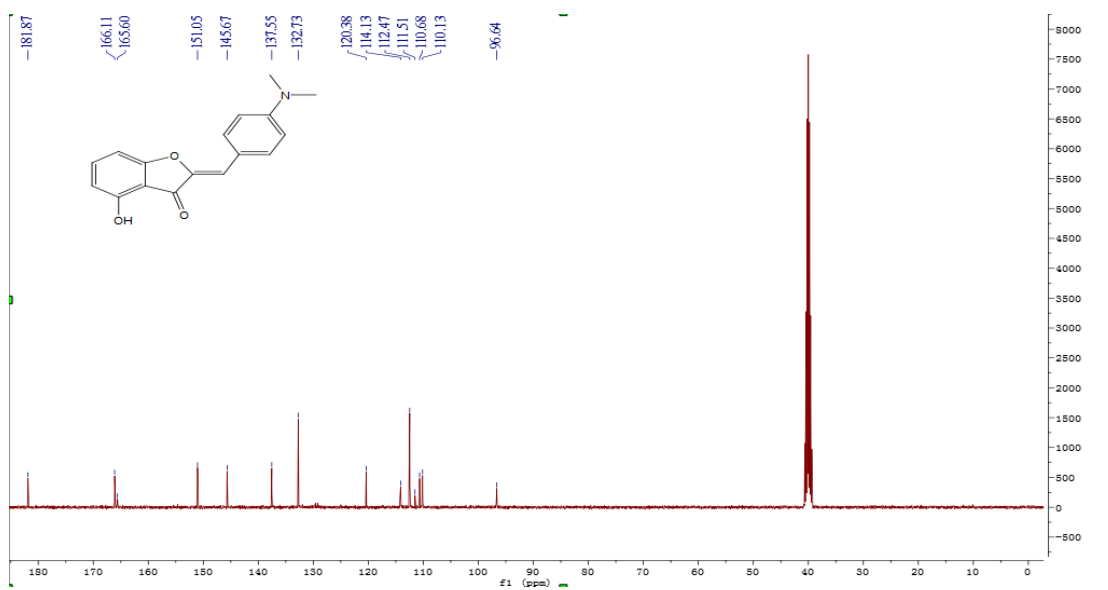


Figure S28 ^{13}C NMR of compound 4o

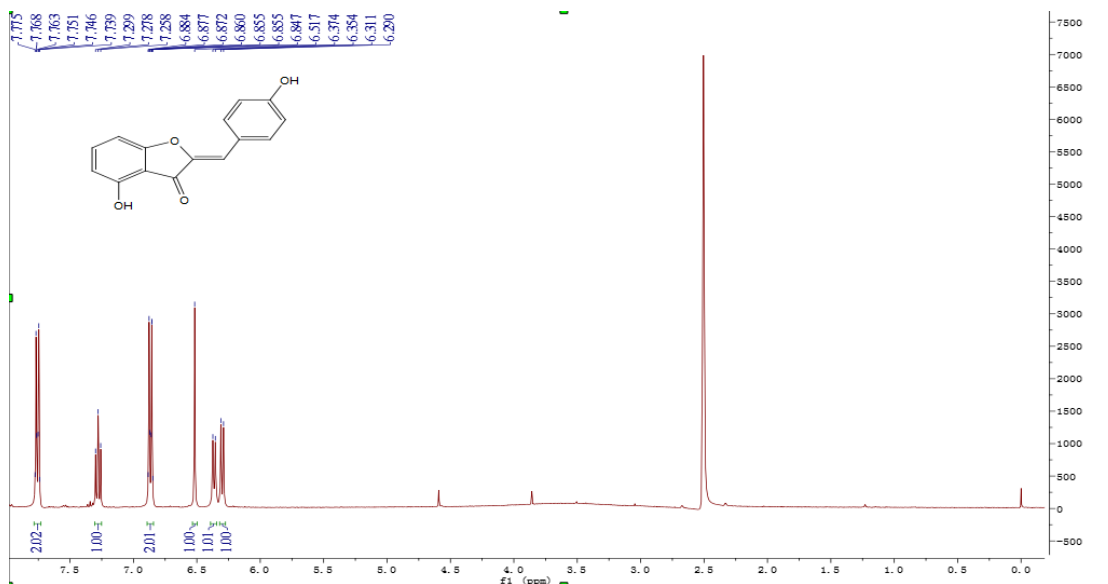


Figure S29 ^1H NMR of compound 4p

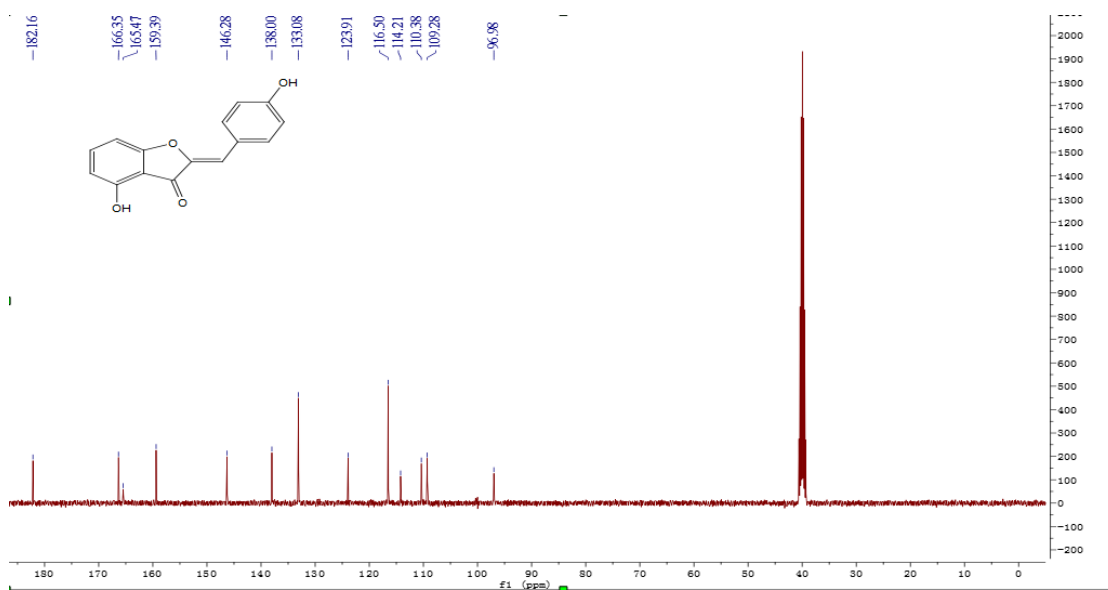


Figure S30 ^{13}C NMR of compound 4p

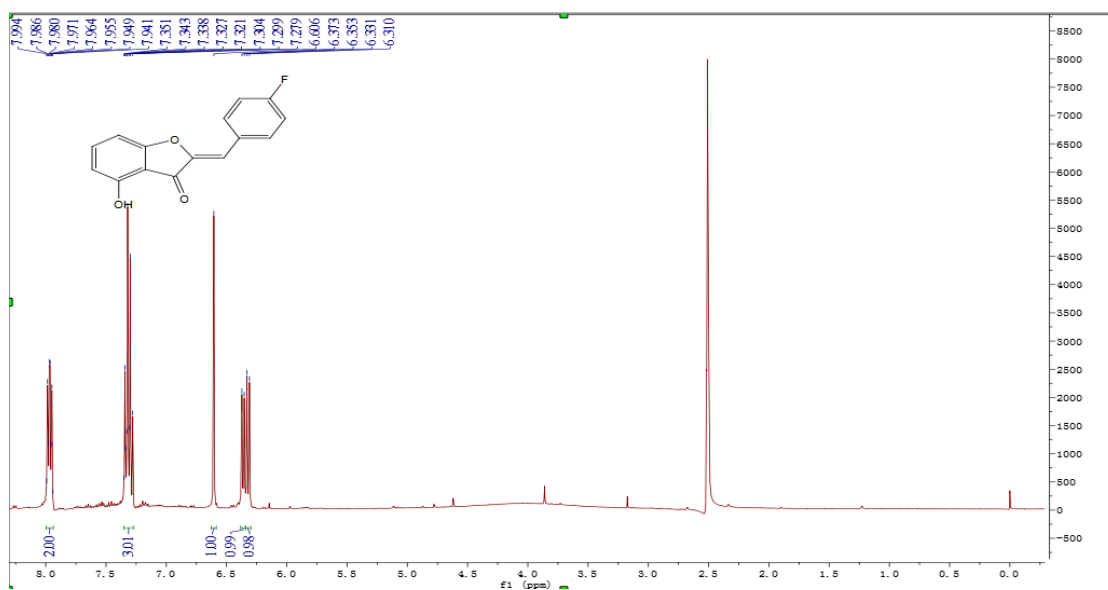


Figure S31 ^1H NMR of compound 4q

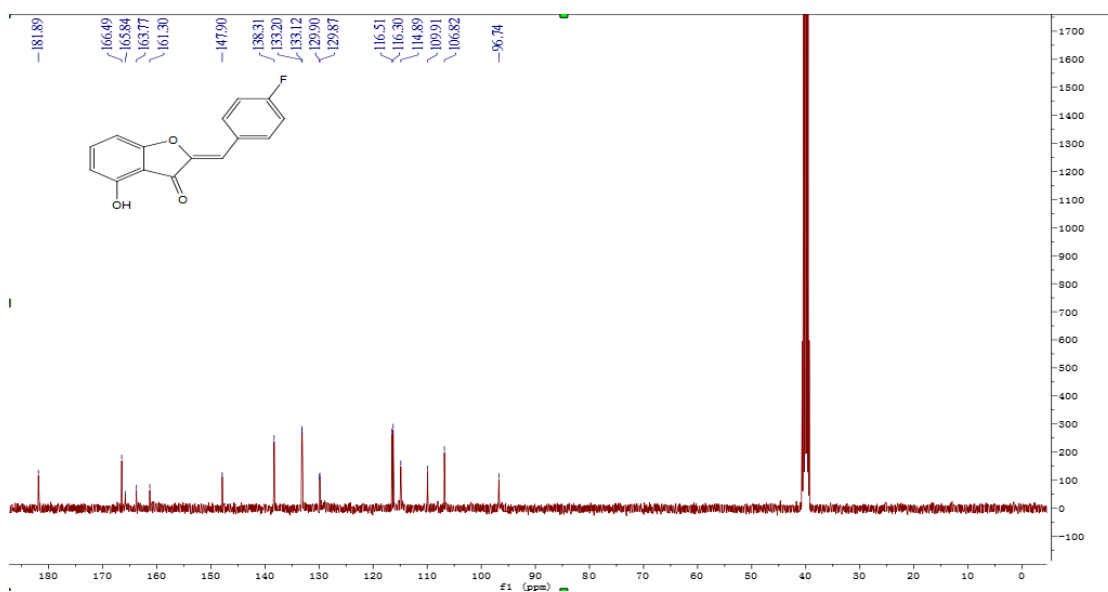


Figure S32 ^{13}C NMR of compound 4q

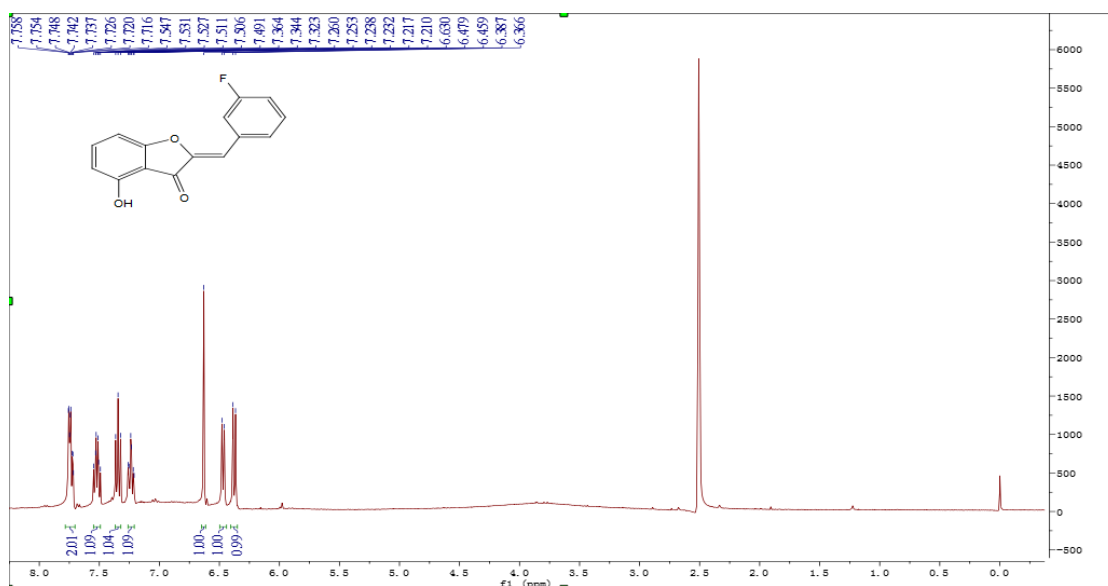


Figure S33 ¹H NMR of compound 4r

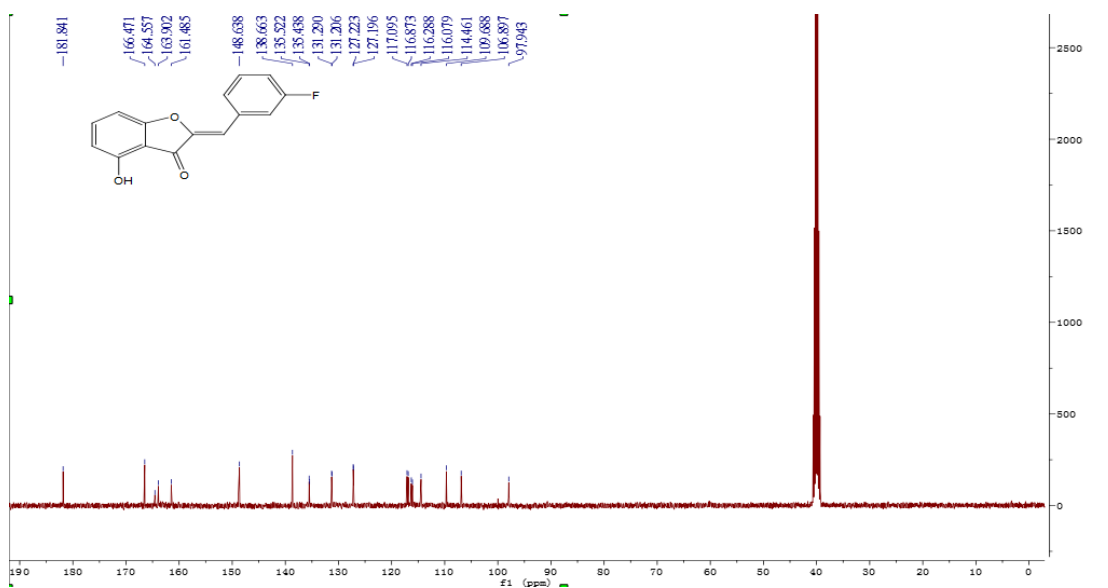


Figure S34 ¹³C NMR of compound 4r

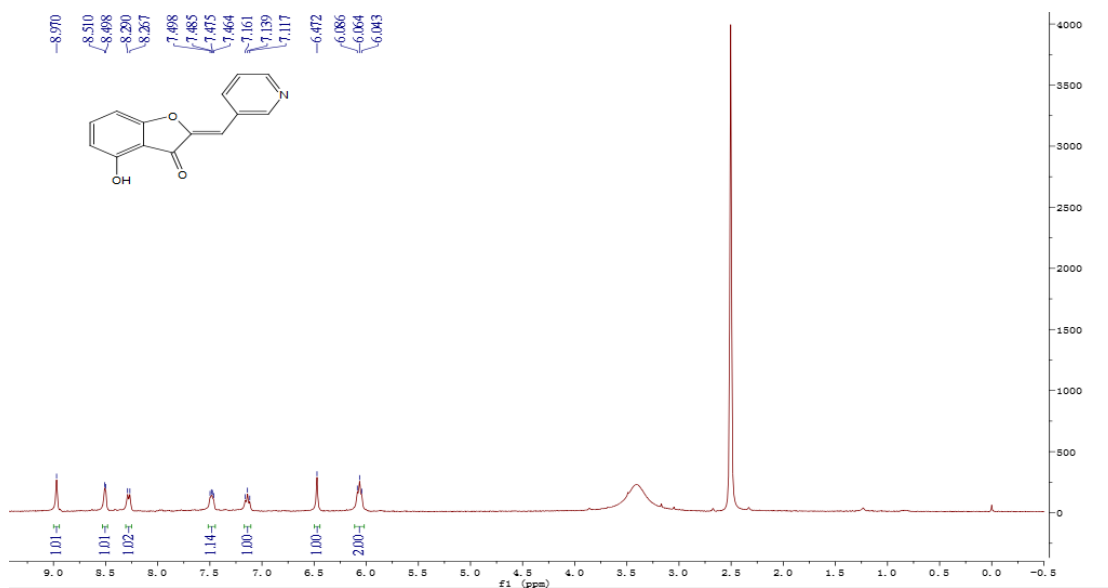


Figure S35 ¹H NMR of compound 4s

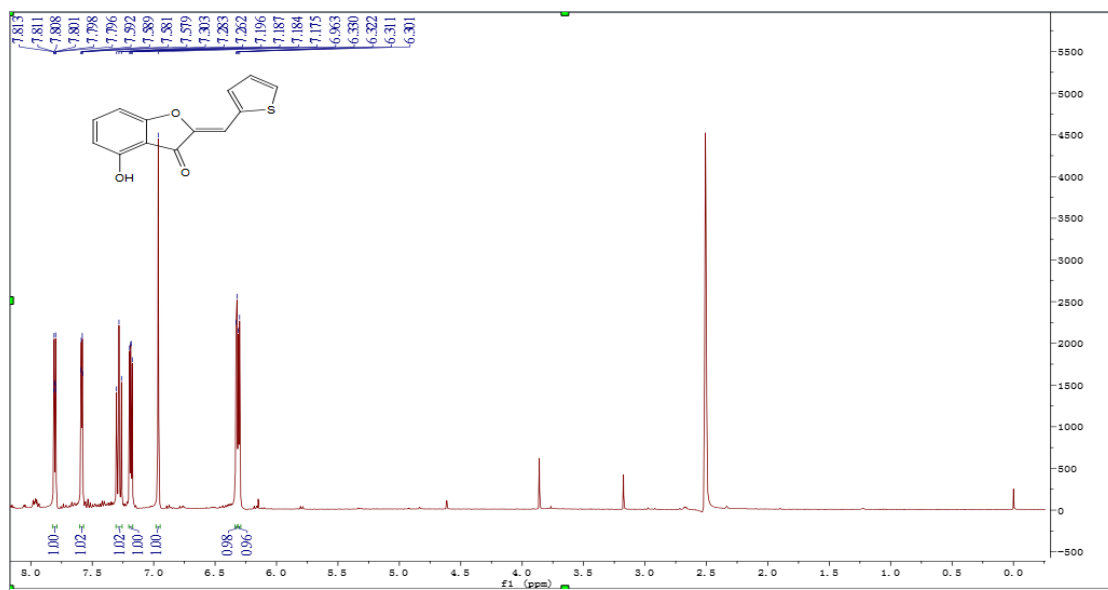


Figure S36 ¹H NMR of compound 4t

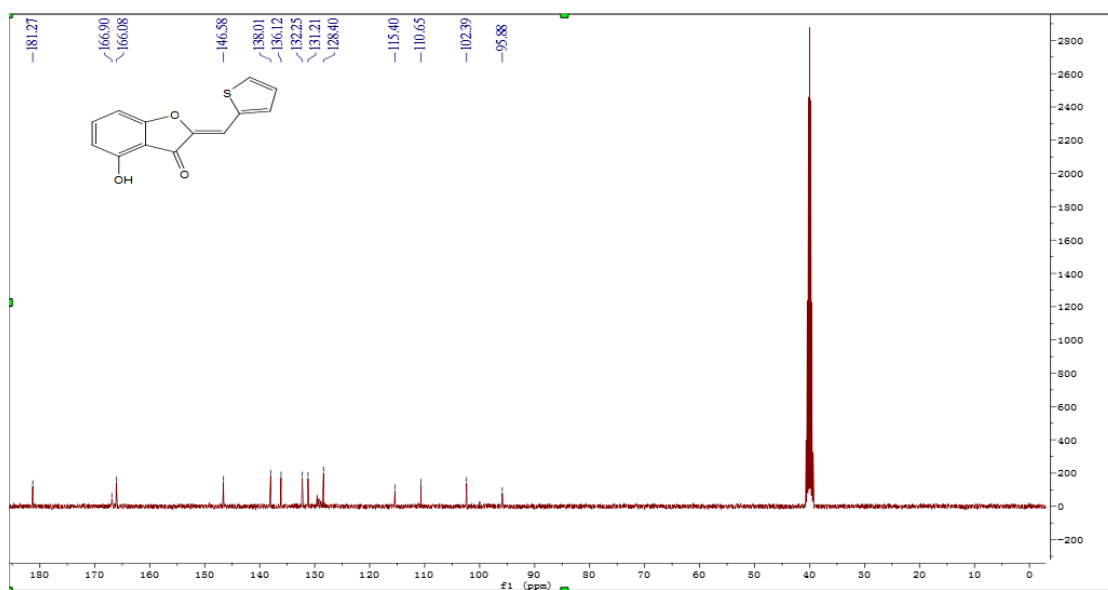


Figure S37 ^{13}C NMR of compound 4t

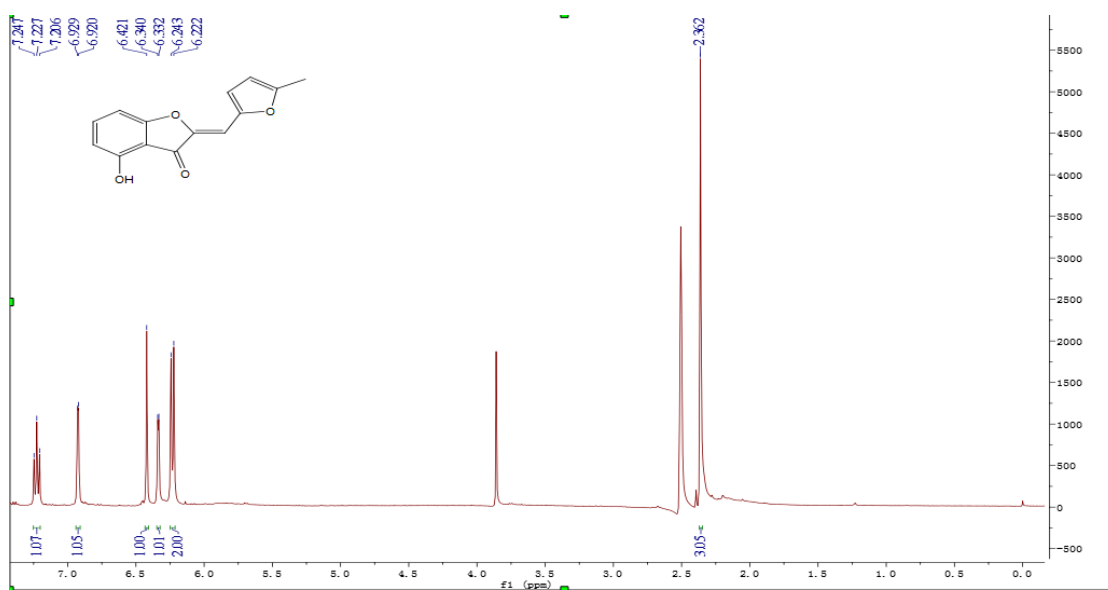


Figure S38 ^1H NMR of compound 4u

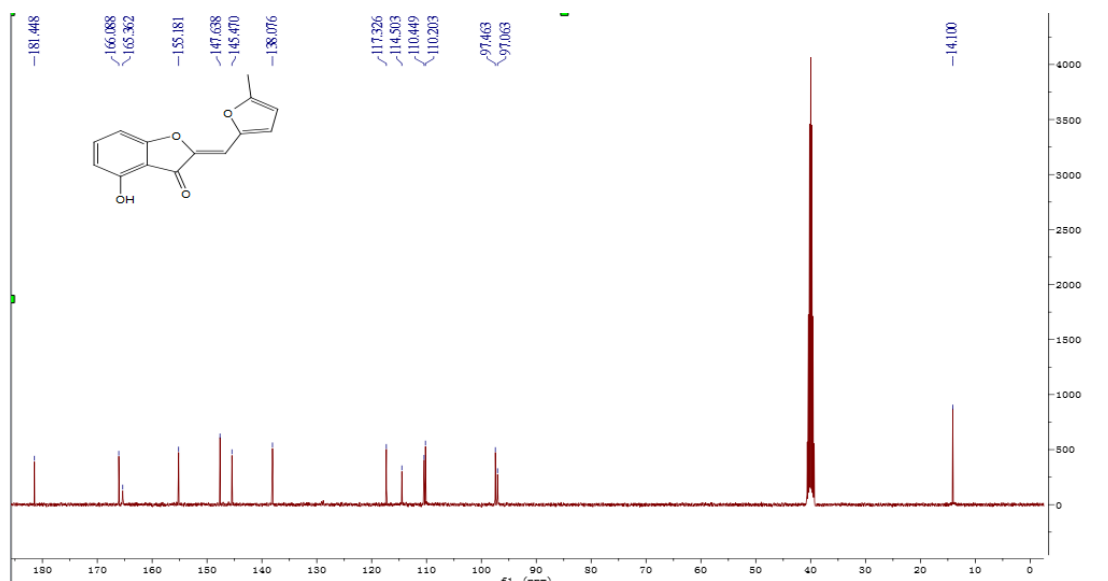


Figure S39 ¹³C NMR of compound 4u

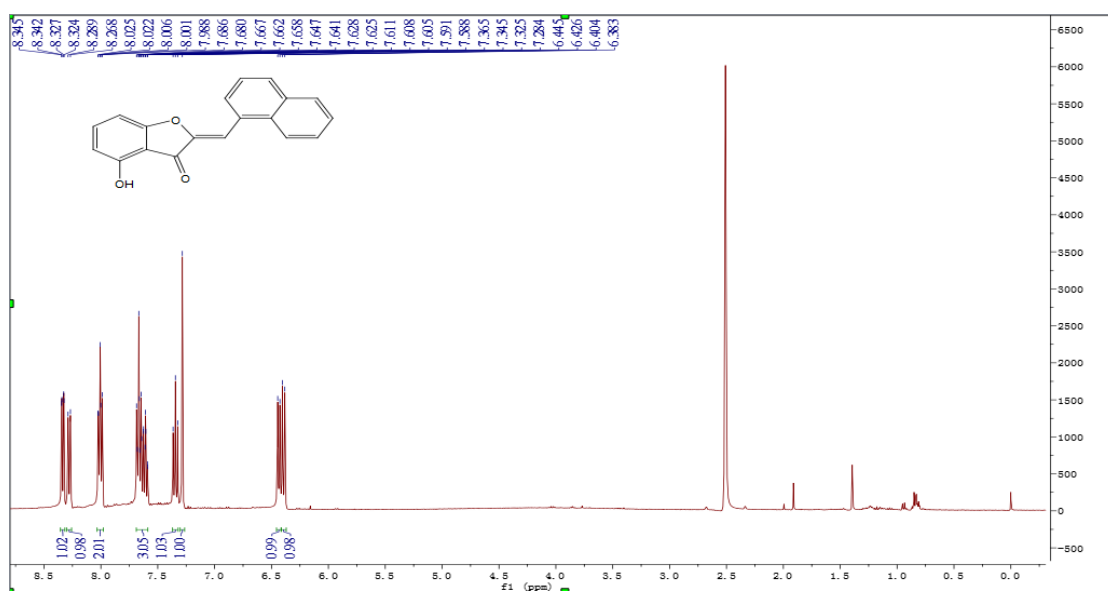


Figure S40 ¹H NMR of compound 4v