

Supporting Information

DBSA catalyzed one-pot three component “on water” green protocol for the synthesis of 2,3-disubstituted 4-thiazolidinones

Davinder Prasad, Amreeta Preetam and Mahendra Nath*

Department of Chemistry, University of Delhi, Delhi 110007, India

**E-mail: mnath@chemistry.du.ac.in*

S.No.	List of Figures	Page No.
1	^1H NMR spectrum of 4a	3
2	^{13}C NMR spectrum of 4a	4
3	^1H NMR spectrum of 4b	5
4	^{13}C NMR spectrum of 4b	6
5	^1H NMR spectrum of 4c	7
6	^{13}C NMR spectrum of 4c	8
7	^1H NMR spectrum of 4d	9
8	^{13}C NMR spectrum of 4d	10
9	^1H NMR spectrum of 4e	11
10	^{13}C NMR spectrum of 4e	12
11	^1H NMR spectrum of 4f	13
12	^{13}C NMR spectrum of 4f	14
13	^1H NMR spectrum of 4g	15
14	^{13}C NMR spectrum of 4g	16
15	DEPT NMR spectrum of 4g	17
16	^1H NMR spectrum of 4h	18
17	^{13}C NMR spectrum of 4h	19
18	^1H NMR spectrum of 4i	20
19	^{13}C NMR spectrum of 4i	21
20	^1H NMR spectrum of 4j	22
21	^{13}C NMR spectrum of 4j	23
22	^1H NMR spectrum of 4k	24
23	^{13}C NMR spectrum of 4k	25

S.No.	List of Figures	Page No.
24	^1H NMR spectrum of 4l	26
25	^{13}C NMR spectrum of 4l	27
26	^1H NMR spectrum of 4m	28
27	^{13}C NMR spectrum of 4m	29
28	^1H NMR spectrum of 4n	30
29	^{13}C NMR spectrum of 4n	31
30	^1H NMR spectrum of 4o	32
31	^{13}C NMR spectrum of 4o	33

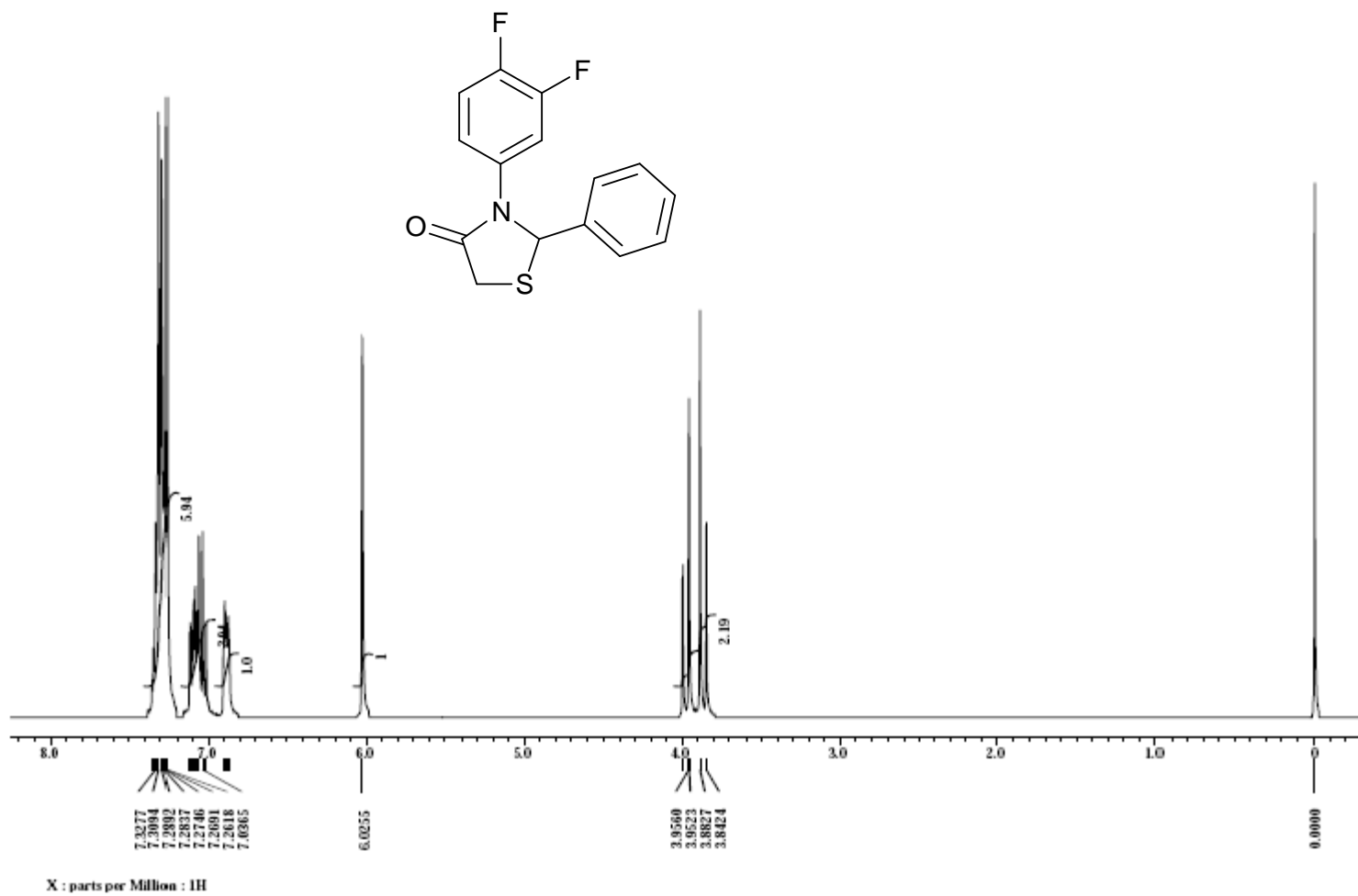


Figure 1. ¹H NMR spectrum of 4a

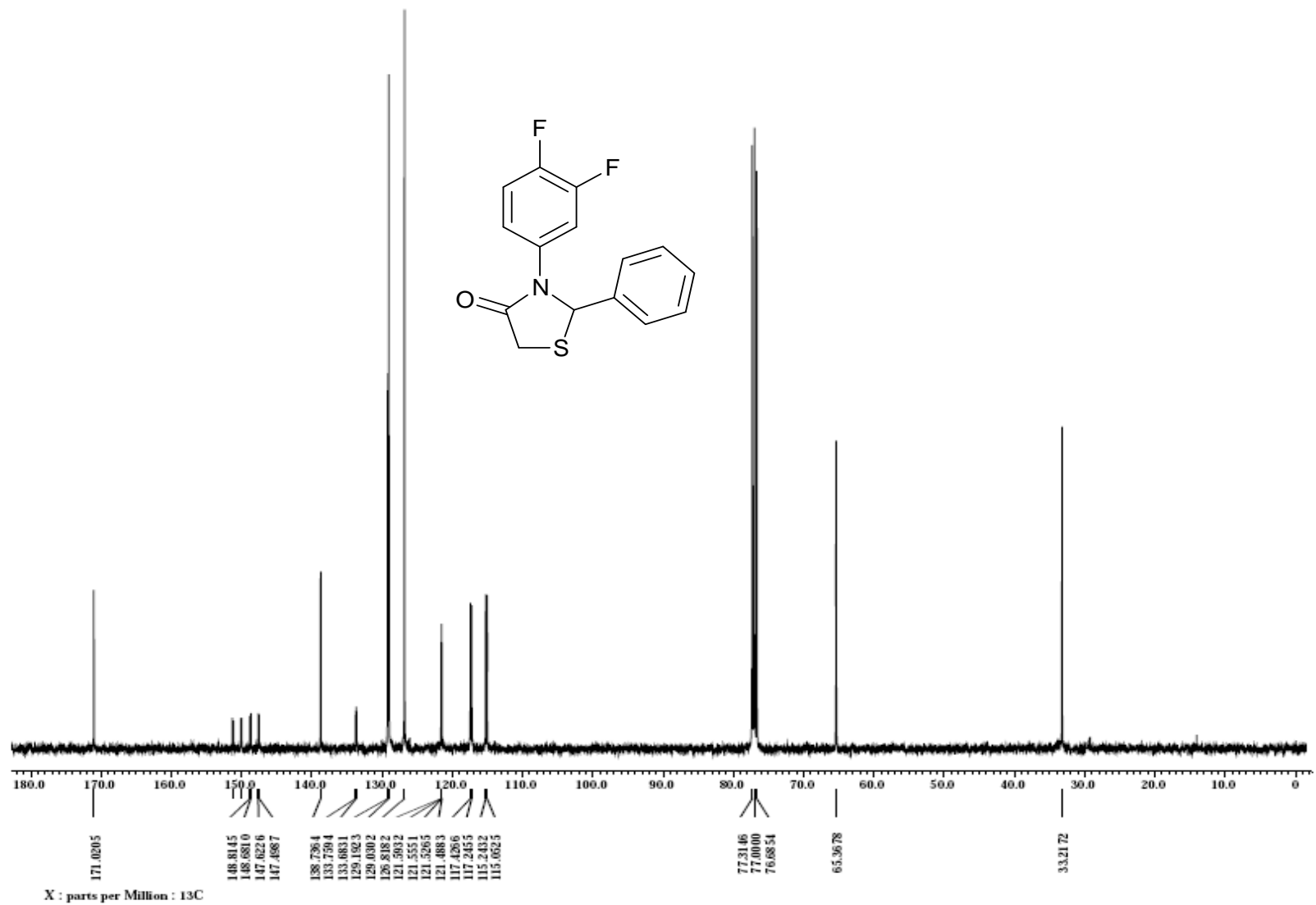


Figure 2. ^{13}C NMR spectrum of **4a**

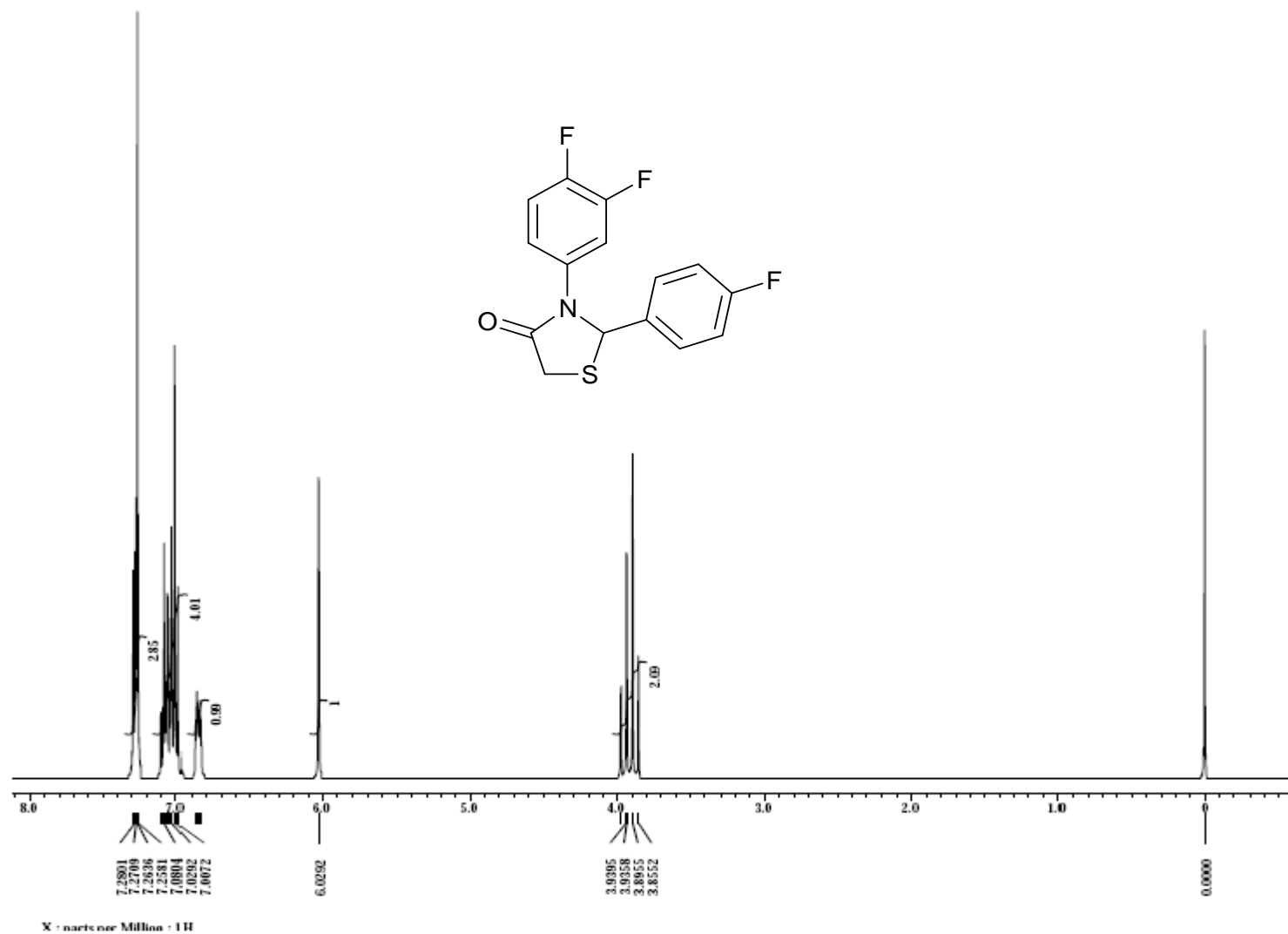


Figure 3. ¹H NMR spectrum of **4b**

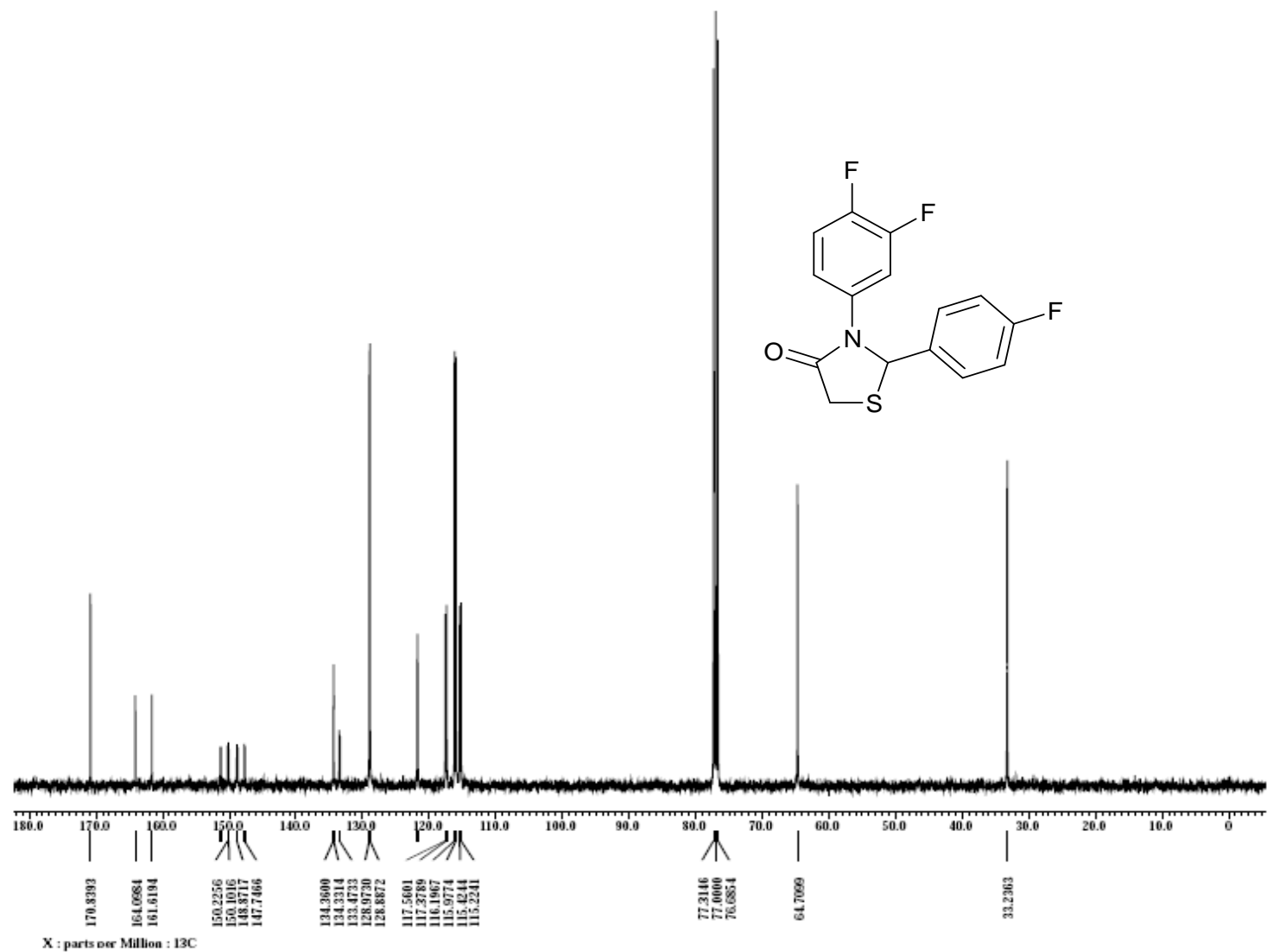


Figure 4. ^{13}C NMR spectrum of **4b**

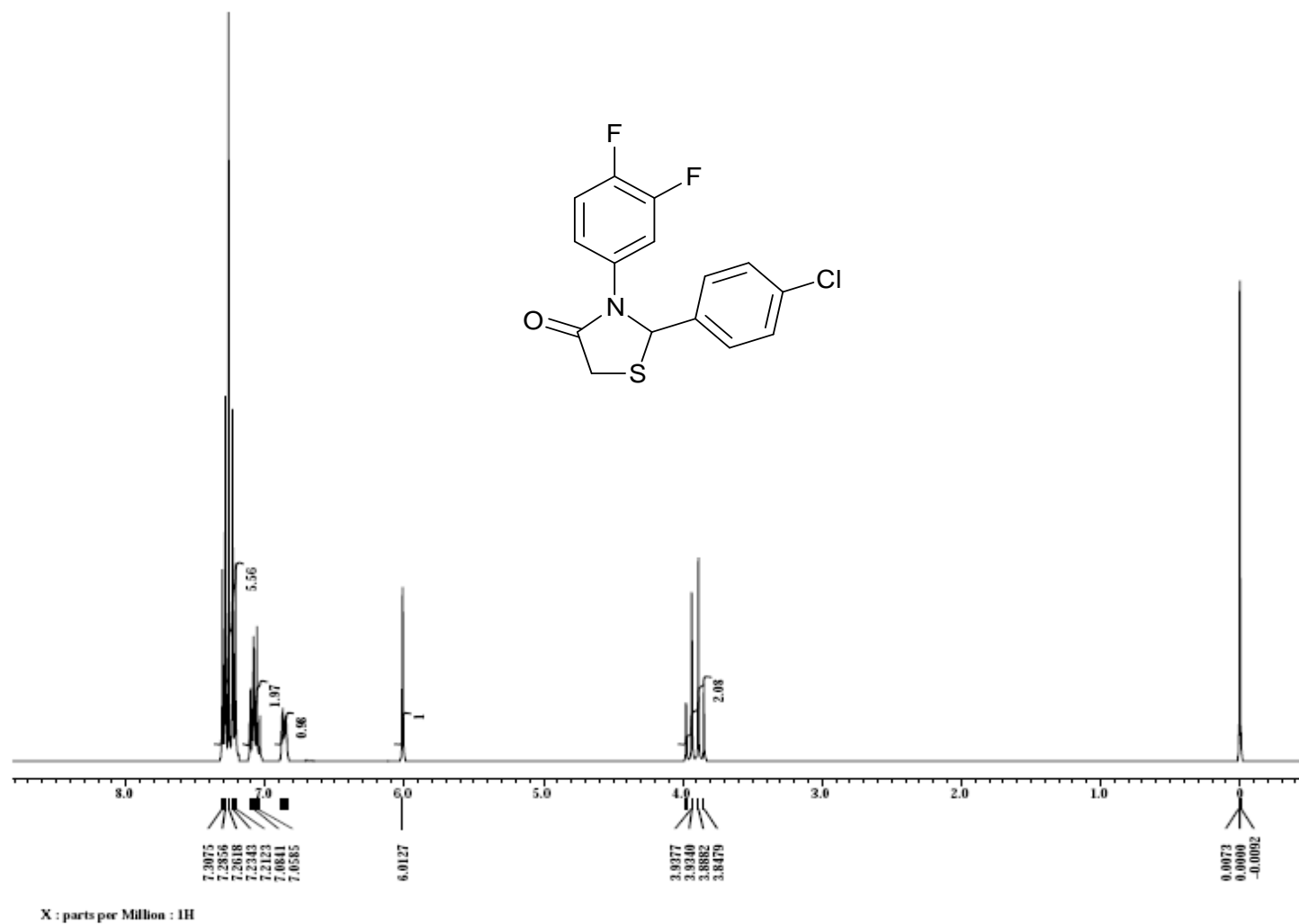


Figure 5. ¹H NMR spectrum of **4c**

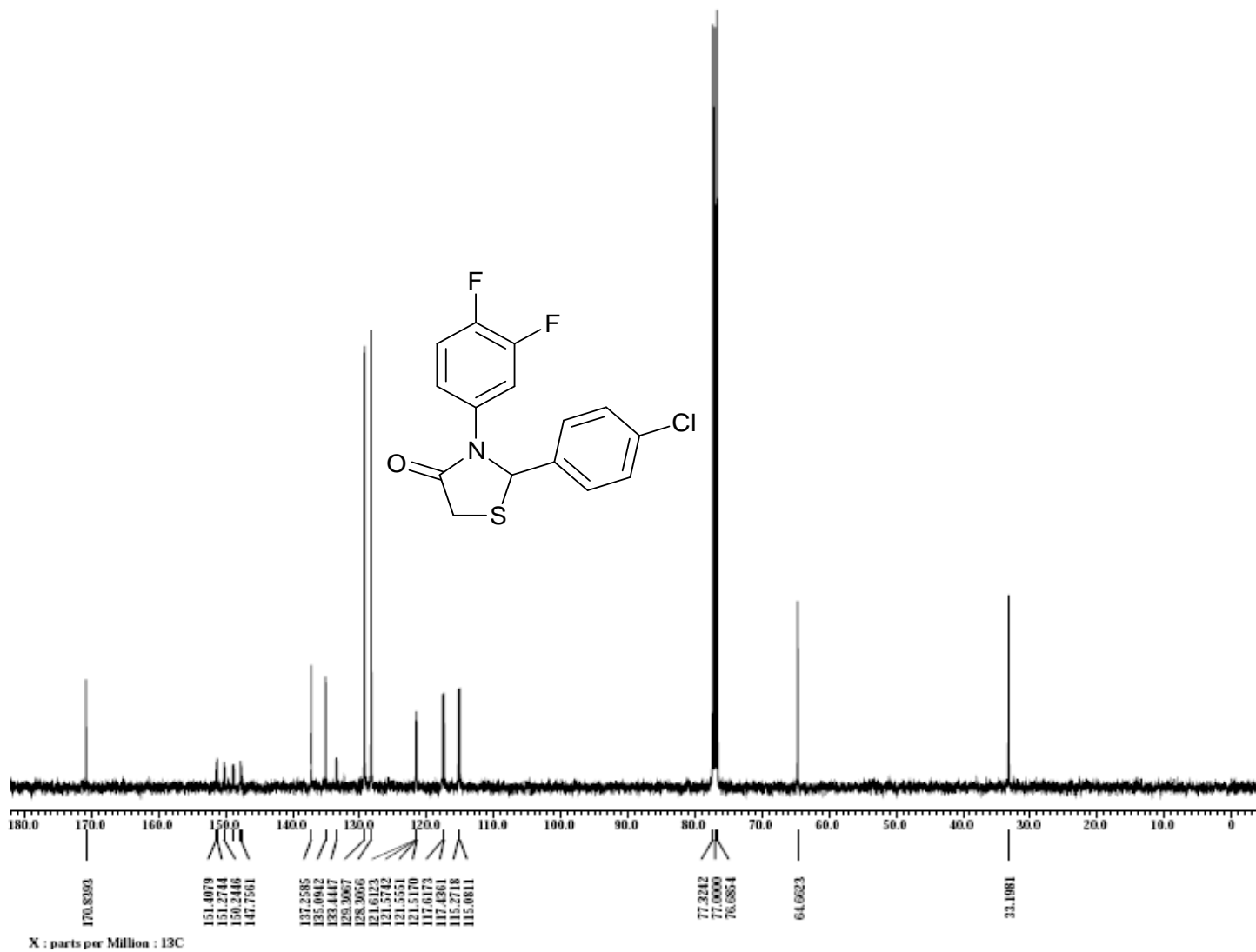


Figure 6. ¹³C NMR spectrum of **4c**

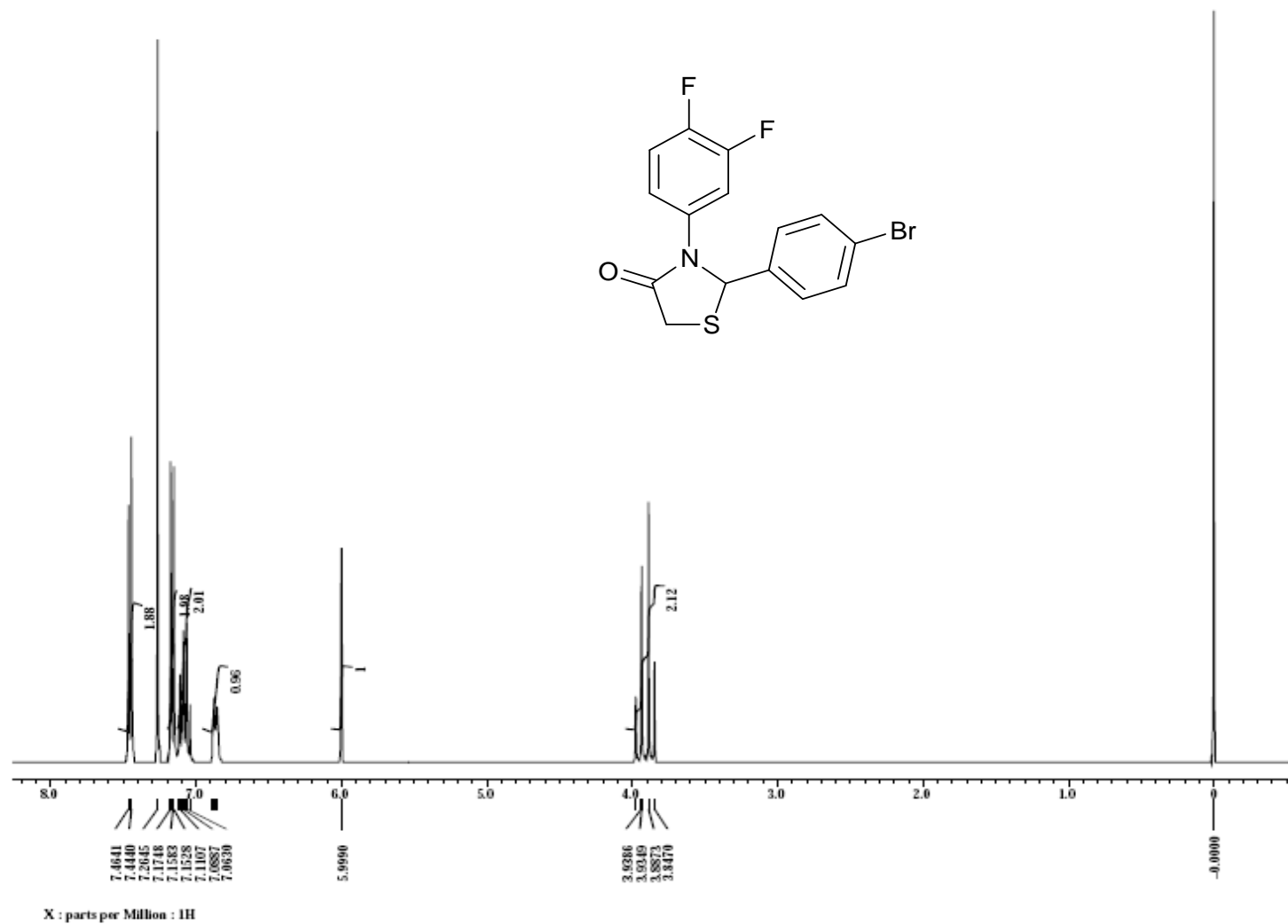


Figure 7. ^1H NMR spectrum of **4d**

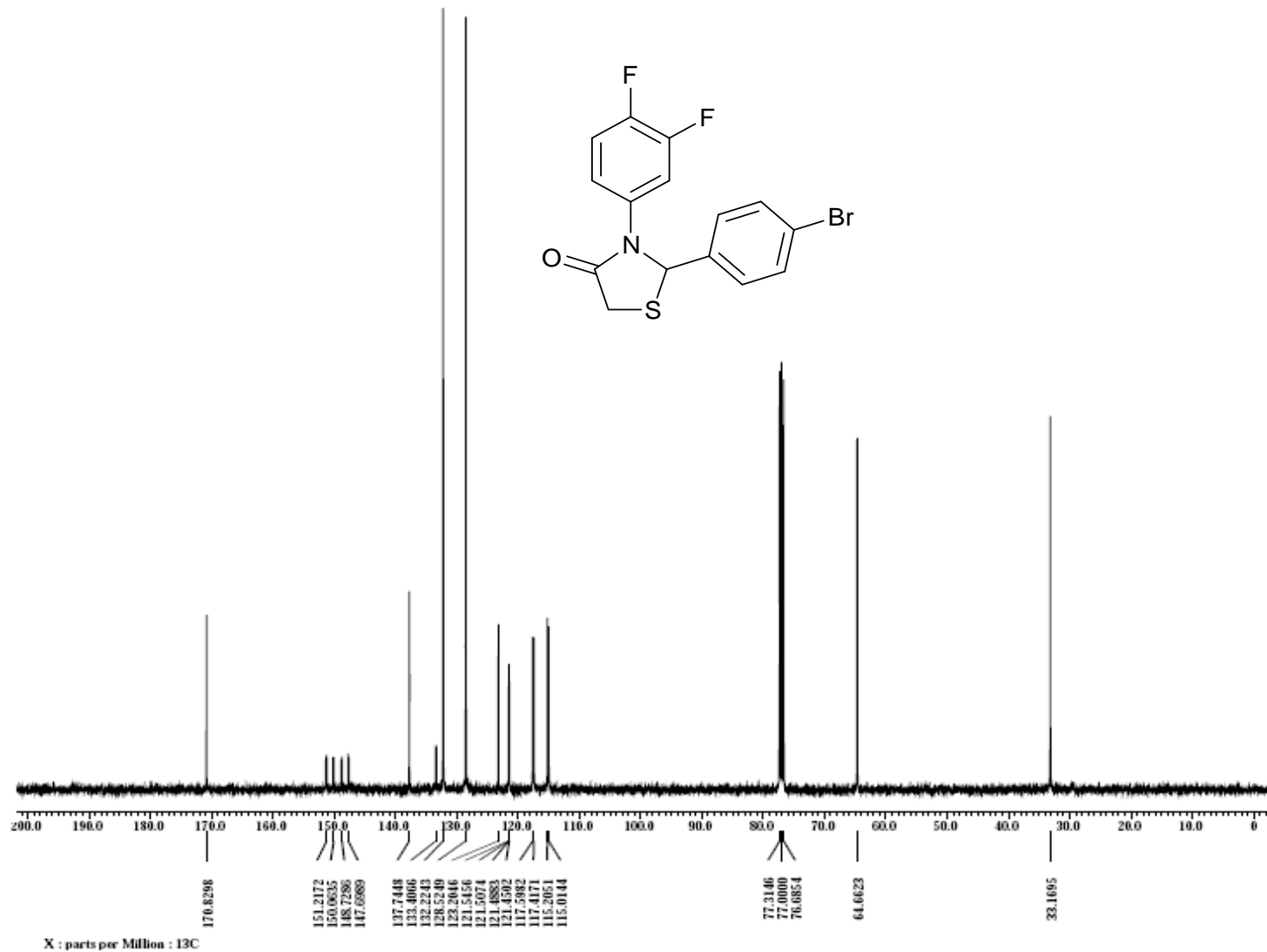


Figure 8. ^{13}C NMR spectrum of **4d**

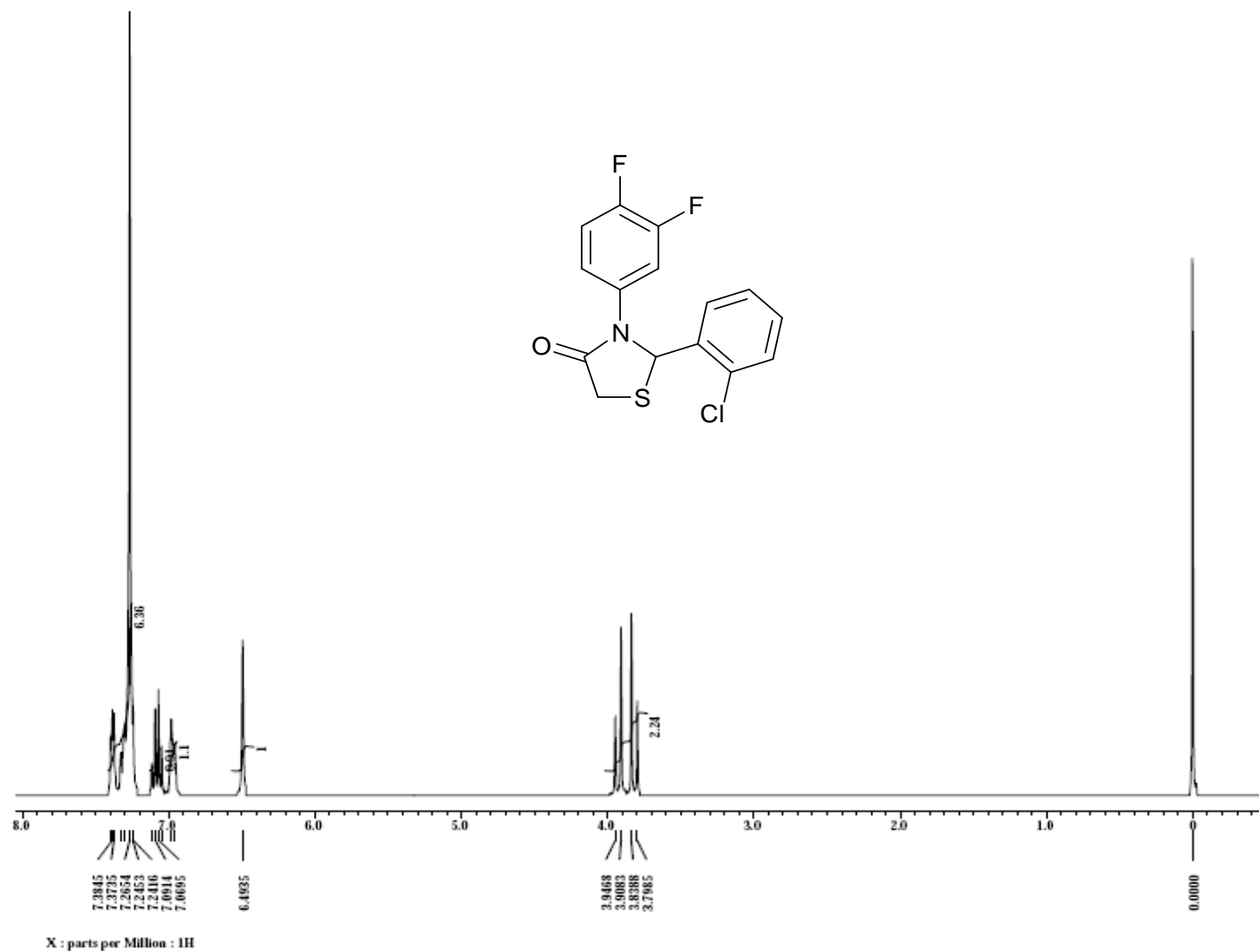


Figure 9. ¹H NMR spectrum of **4e**

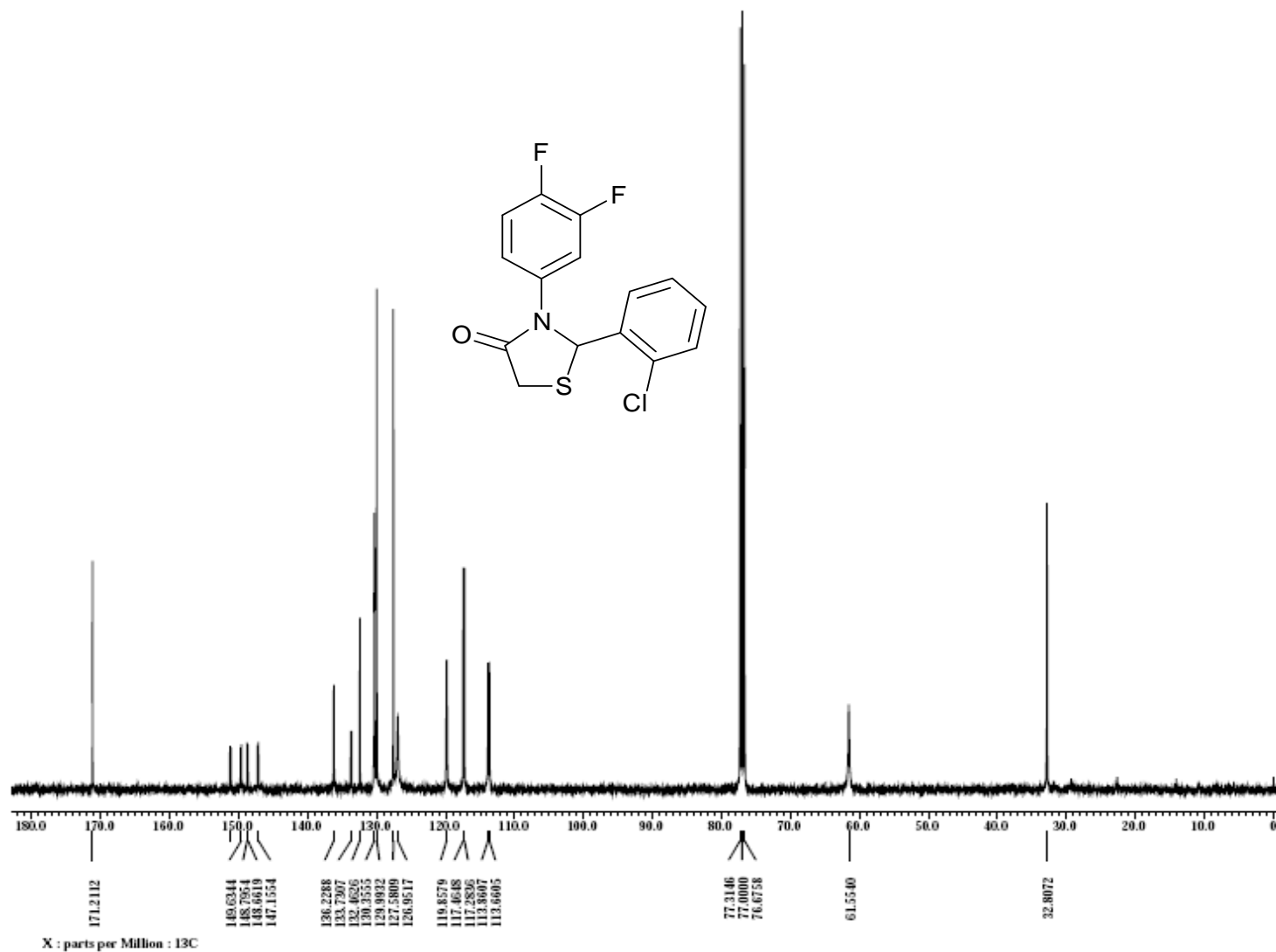


Figure 10. ^{13}C NMR spectrum of **4e**

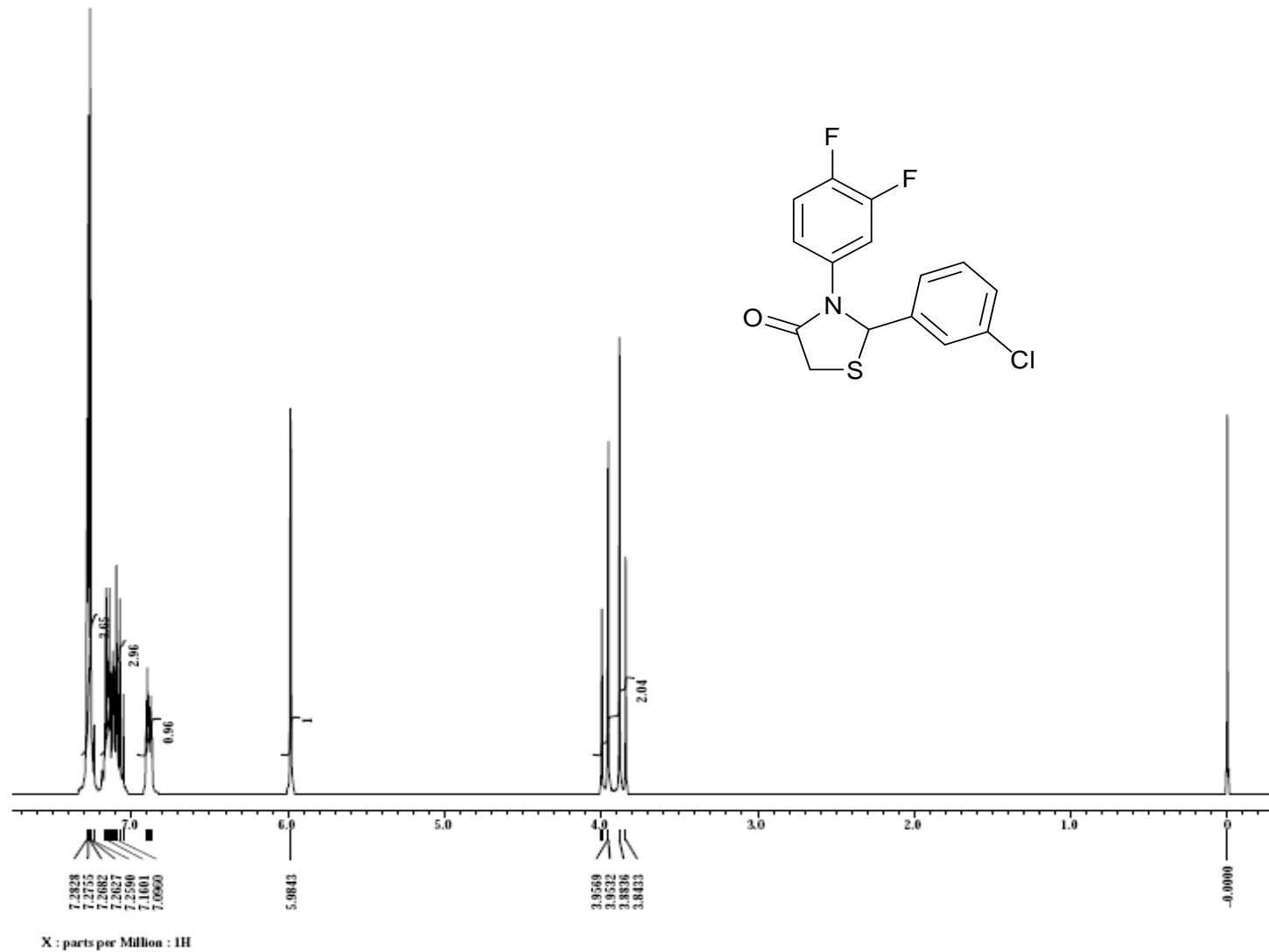


Figure 11. ¹H NMR spectrum of **4f**

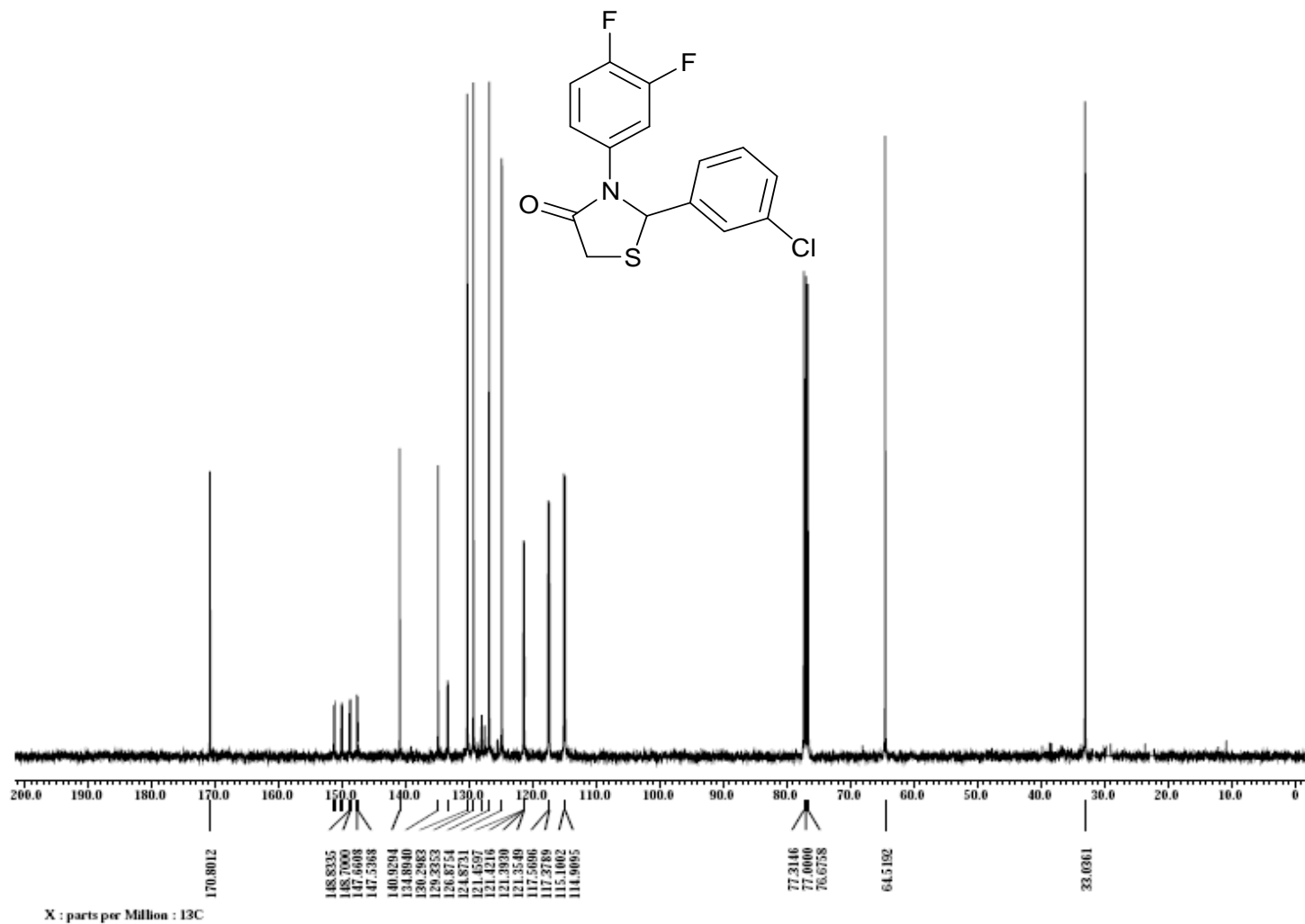


Figure 12. ^{13}C NMR spectrum of **4f**

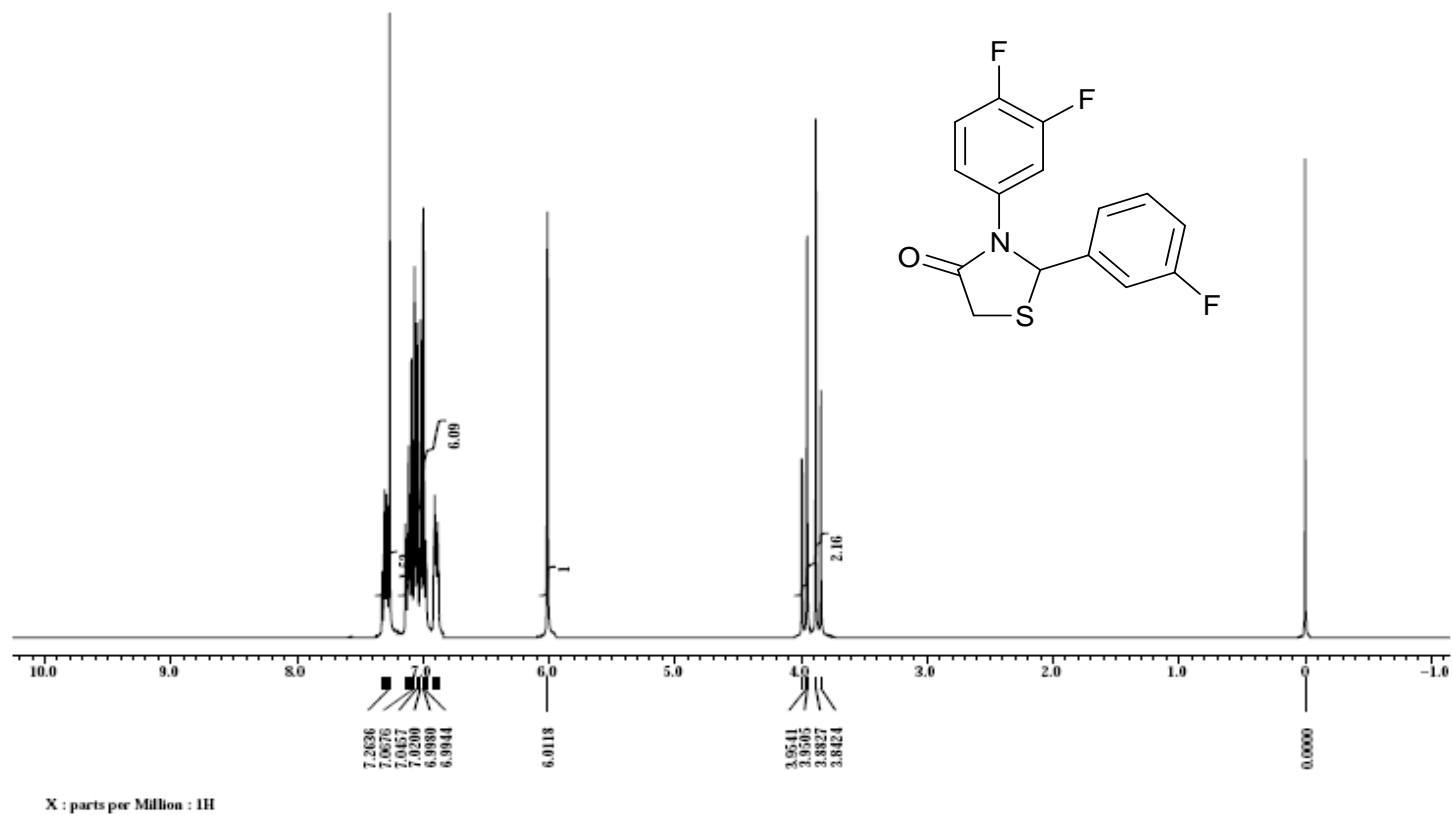


Figure 13. ^1H NMR spectrum of **4g**

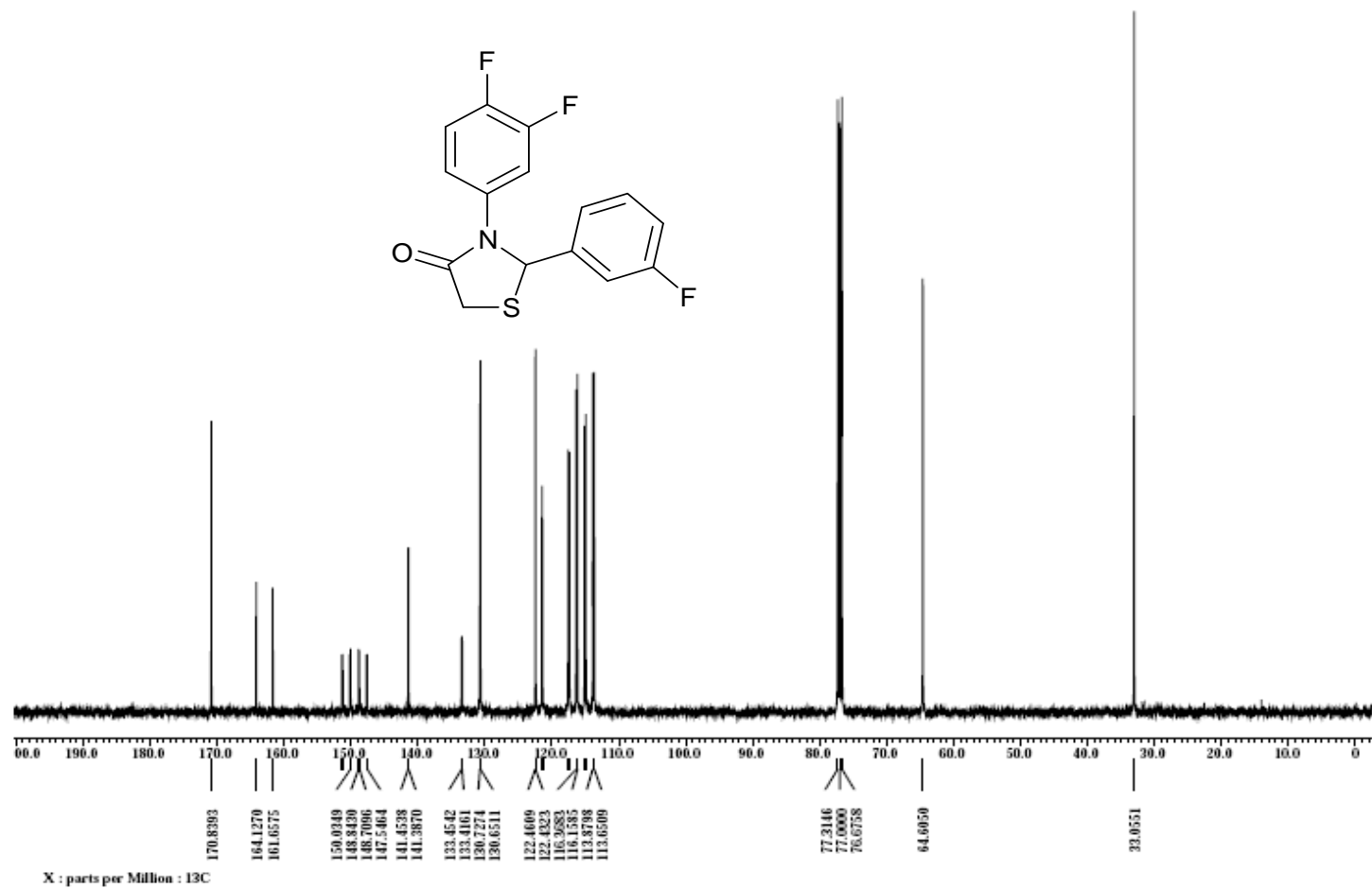


Figure 14. ^{13}C NMR spectrum of **4g**

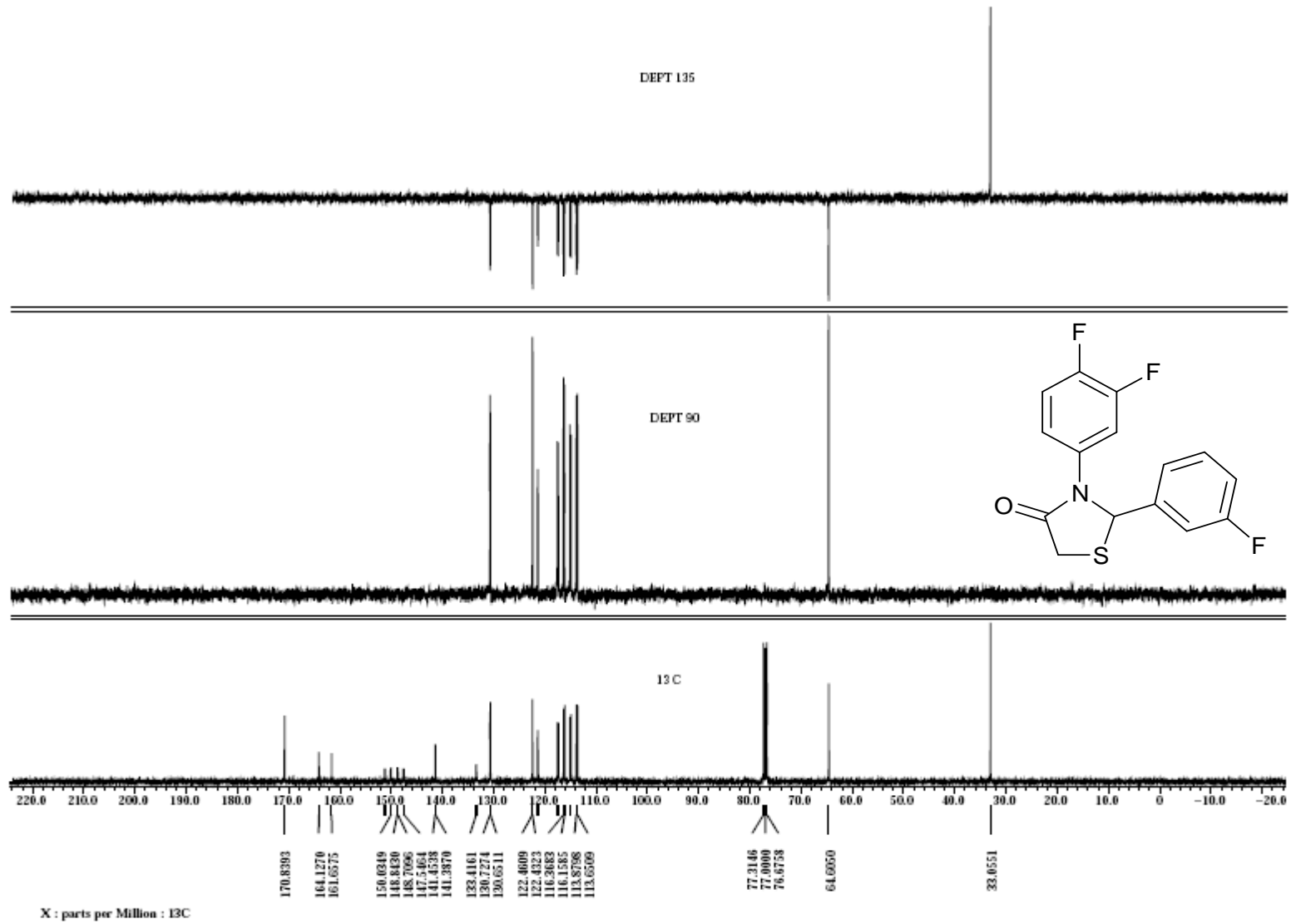


Figure 15. DEPT NMR spectrum of **4g**

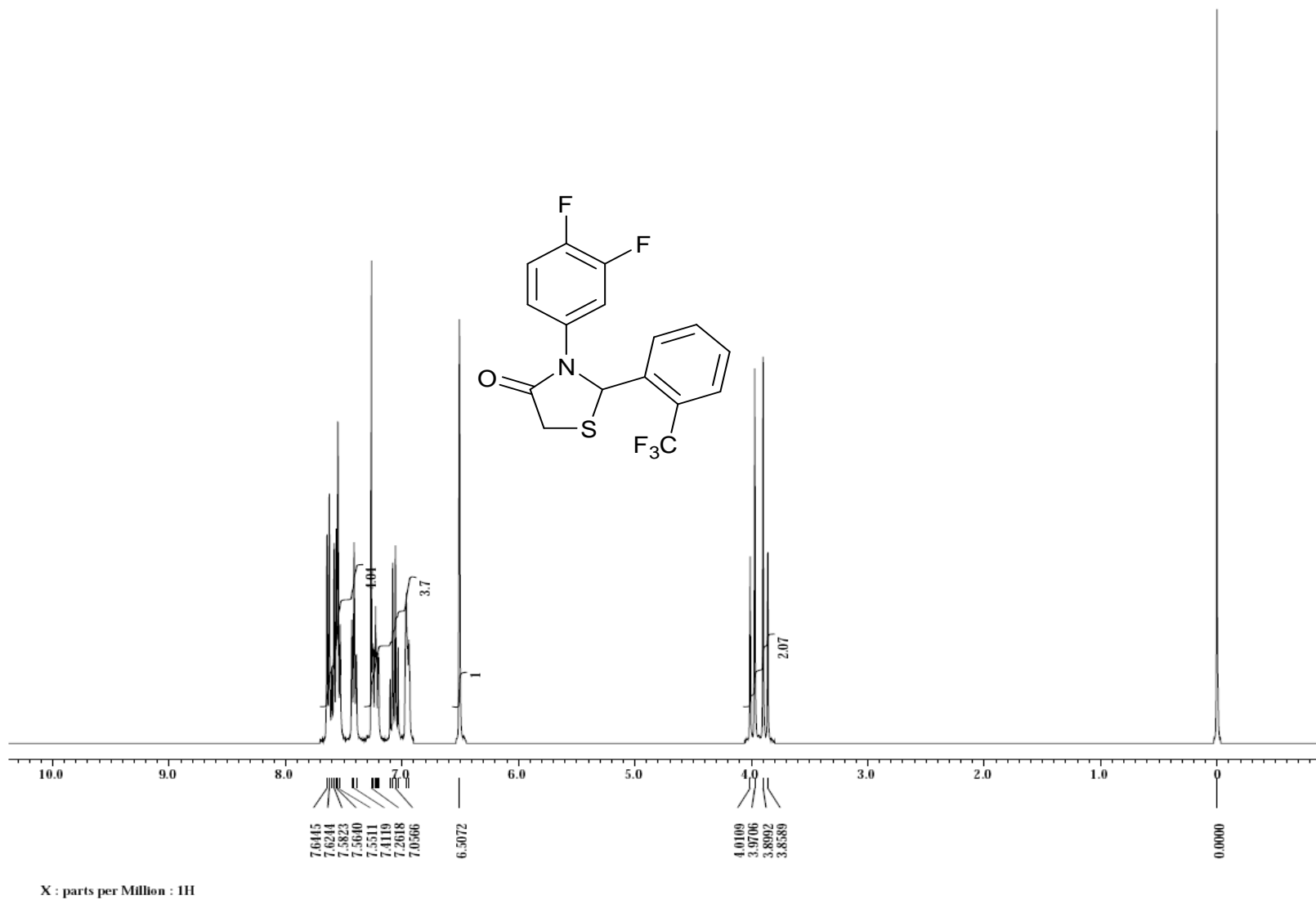


Figure 16. ¹H NMR spectrum of **4h**

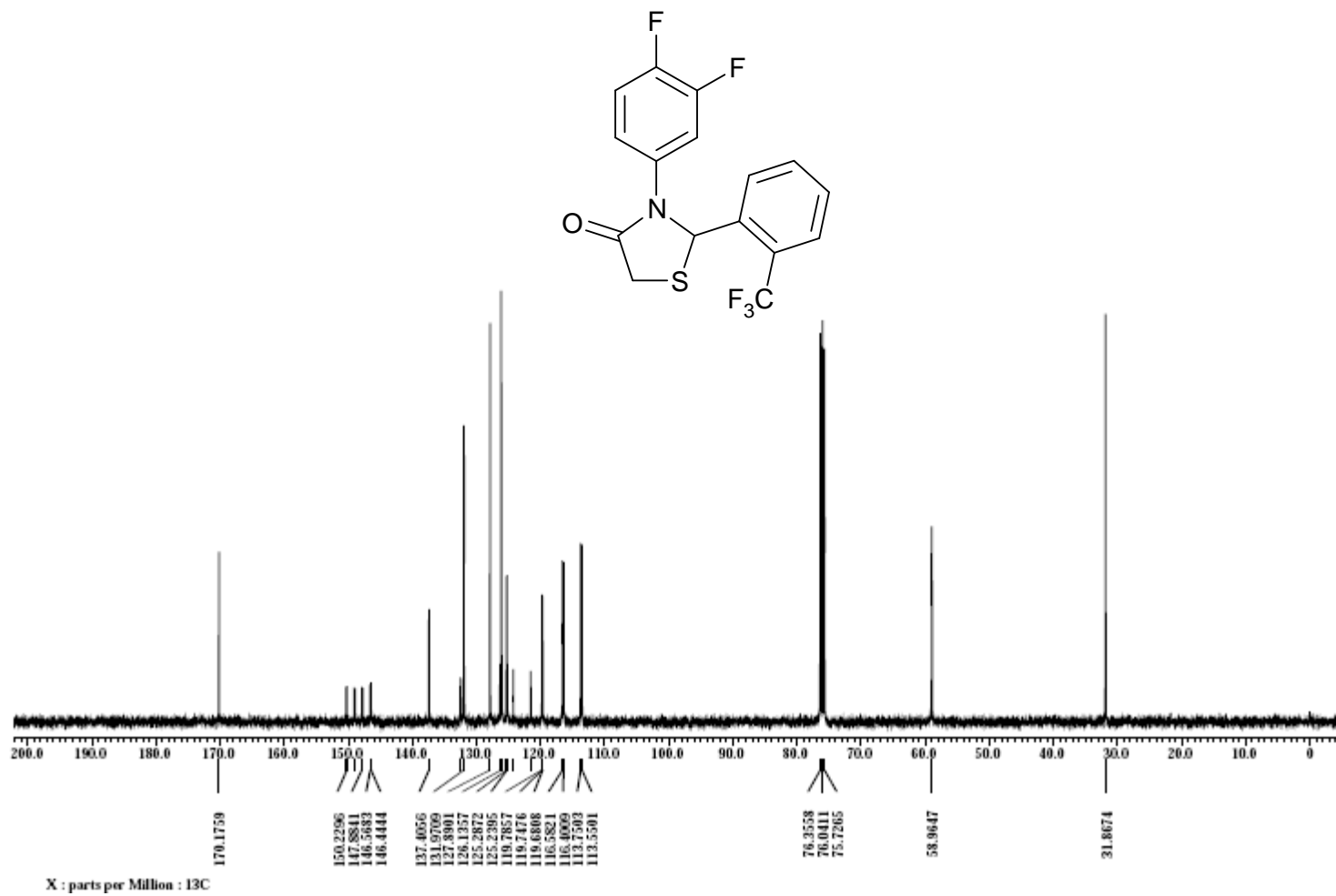


Figure 17. ¹³C NMR spectrum of **4h**

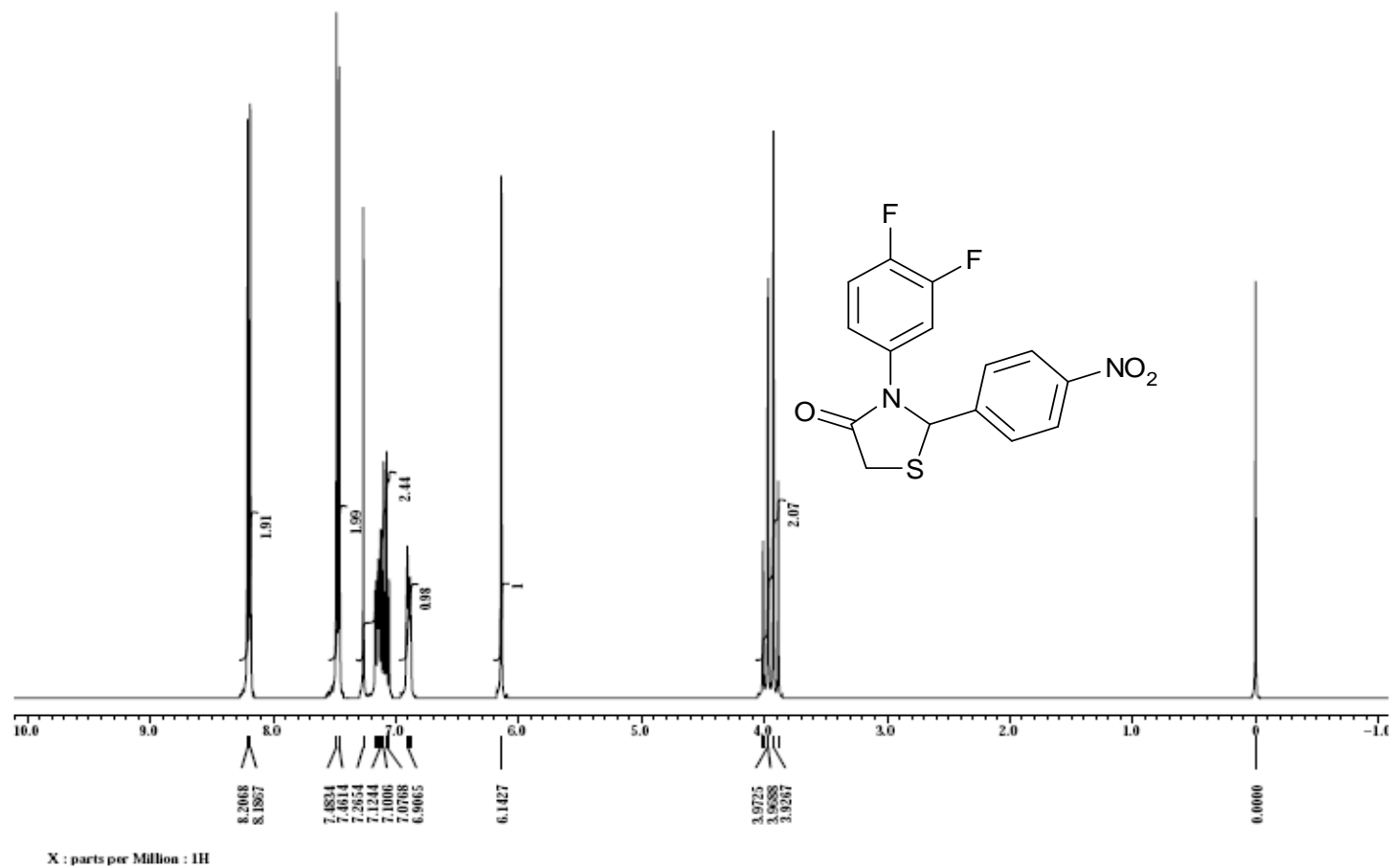


Figure 18. ¹H NMR spectrum of **4i**

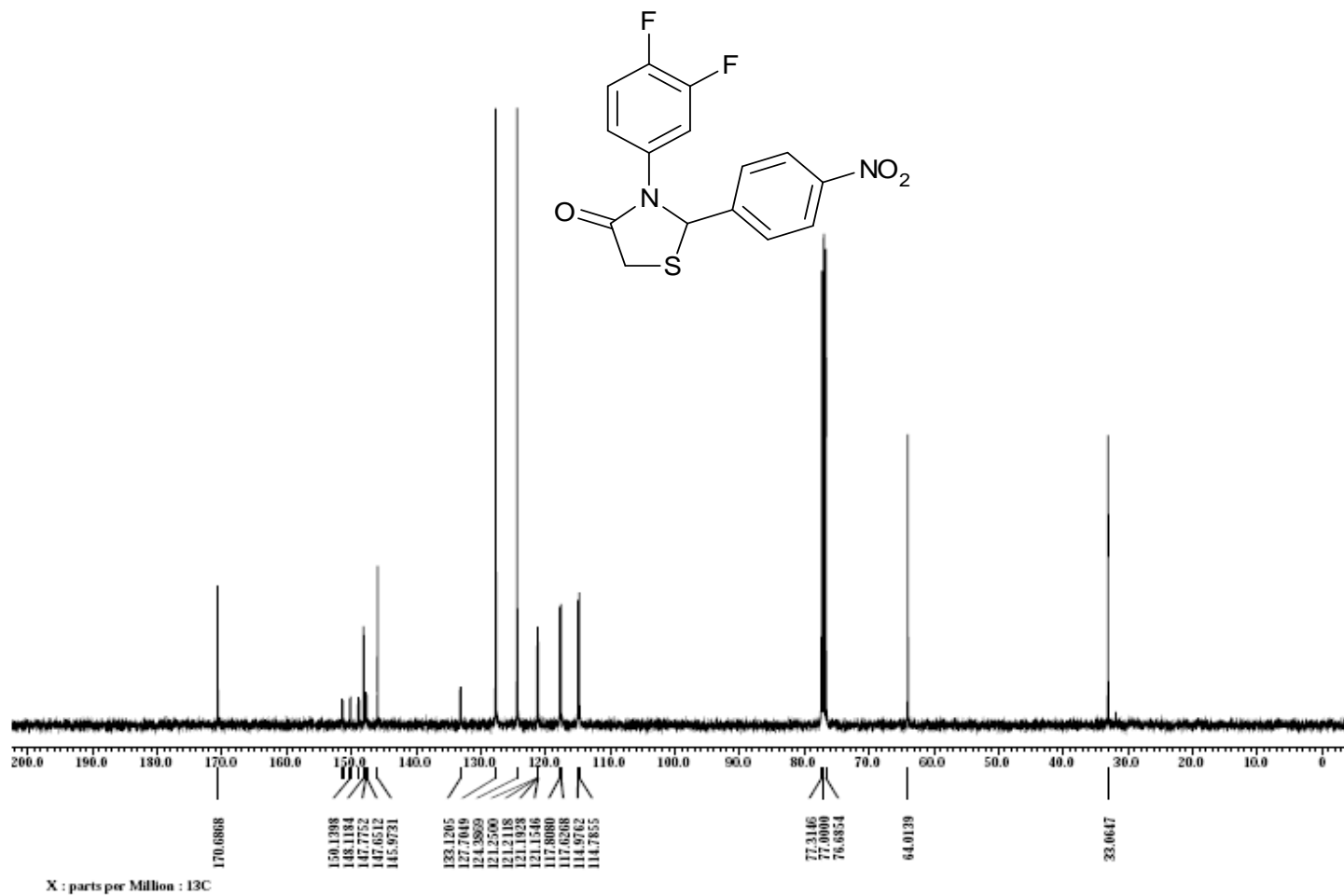


Figure 19. ¹³C NMR spectrum of **4i**

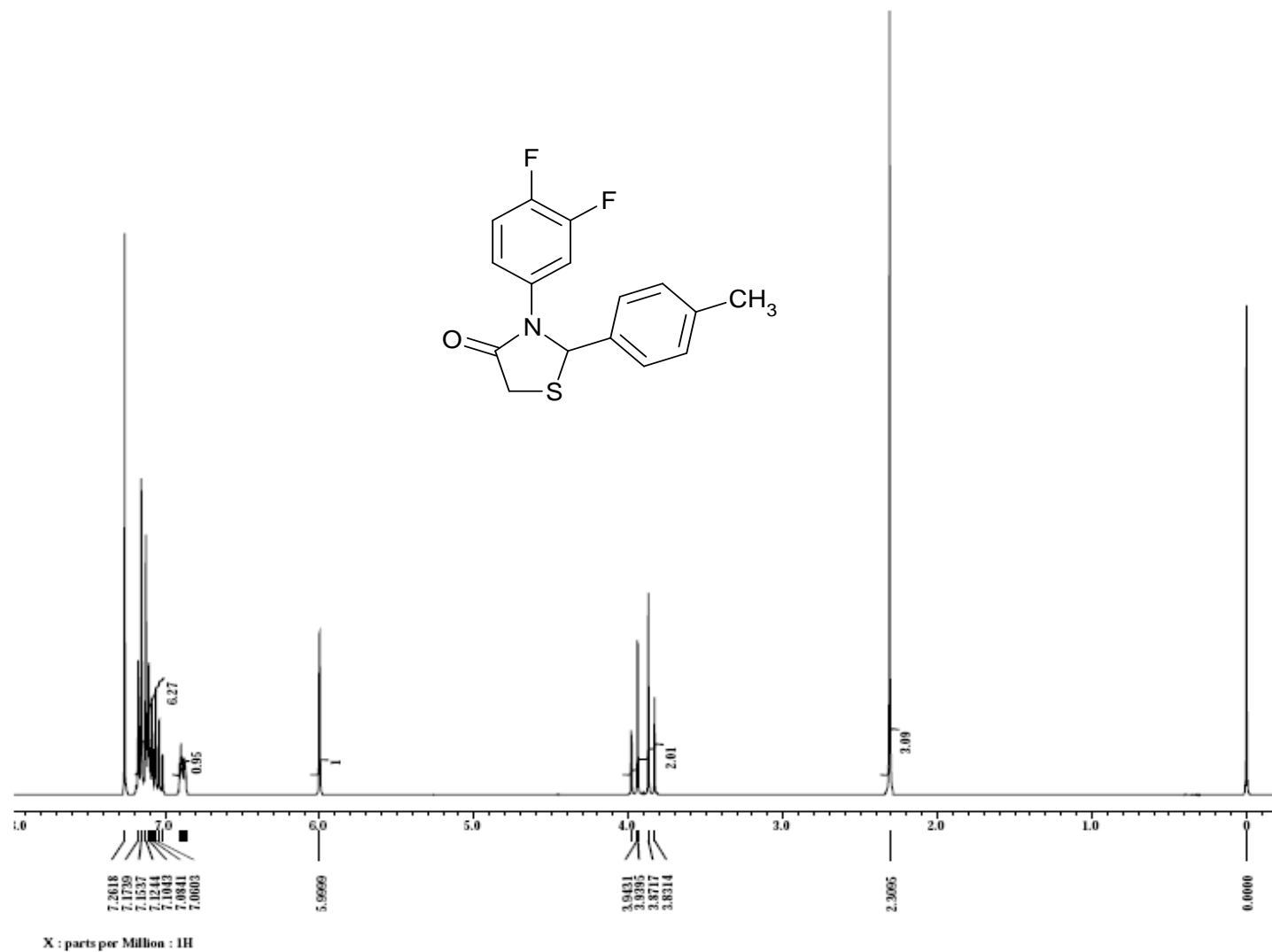


Figure 20. ¹H NMR spectrum of **4j**

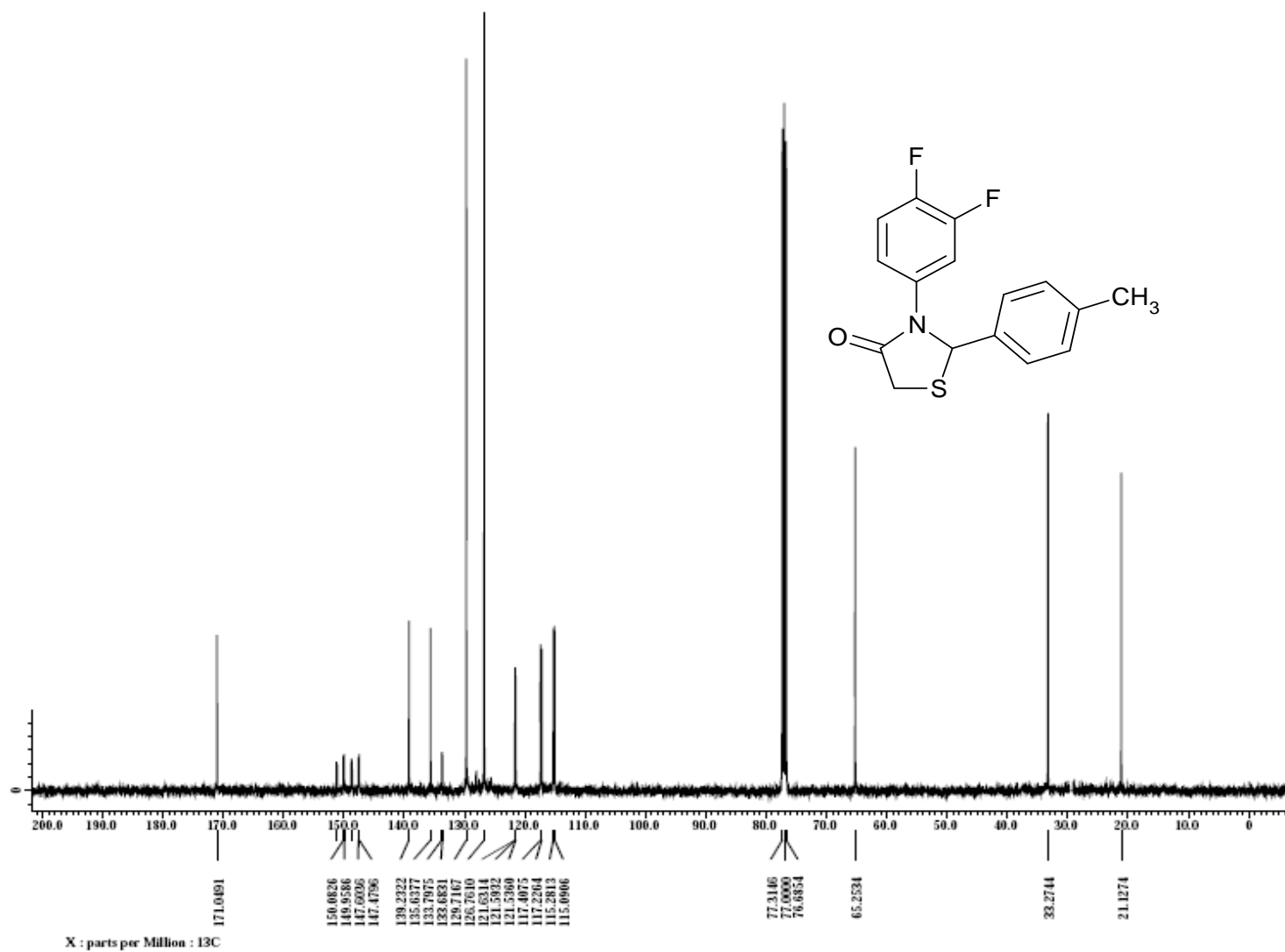


Figure 21. ^{13}C NMR spectrum of **4j**

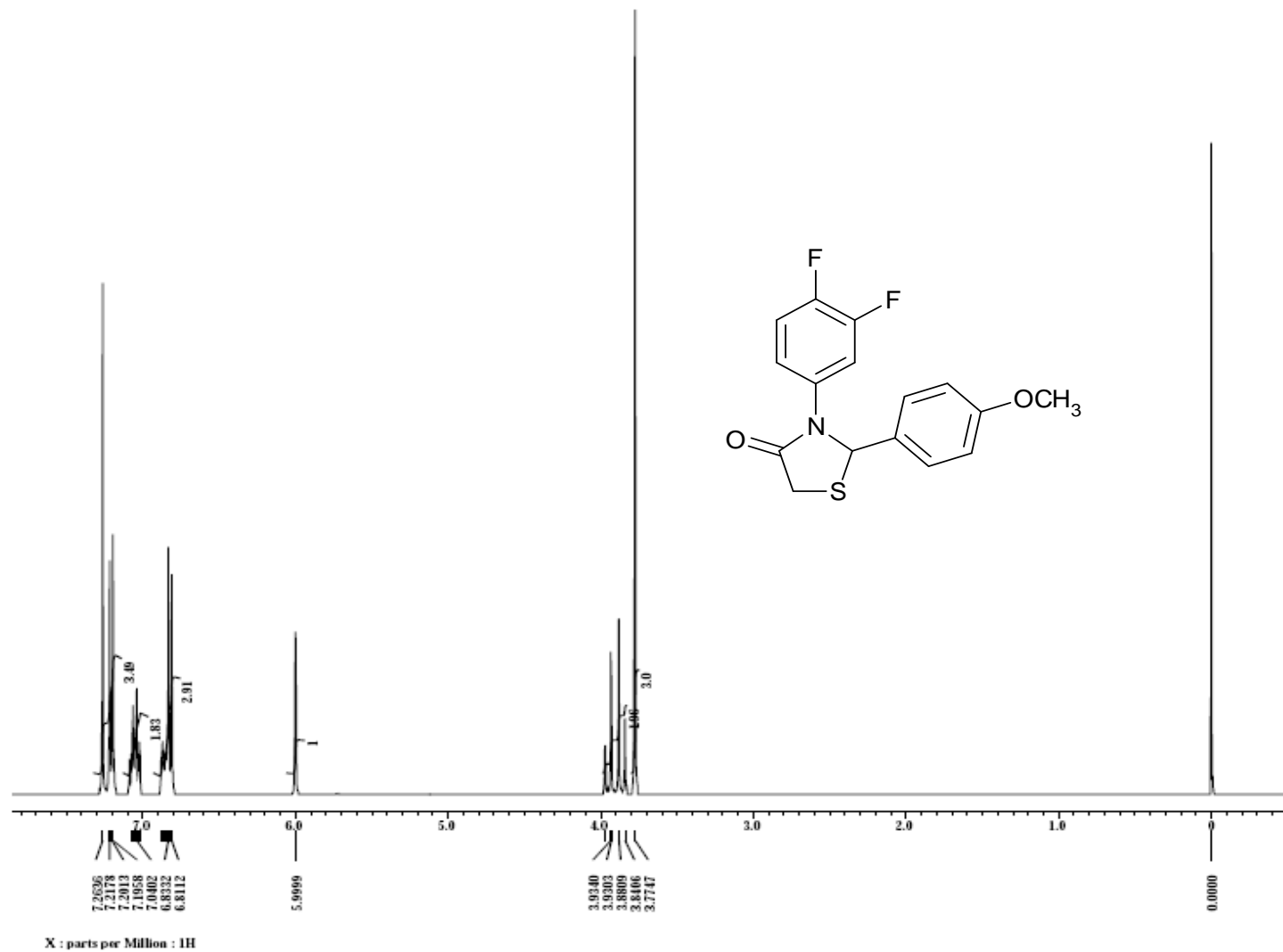


Figure 22. ¹H NMR spectrum of **4k**

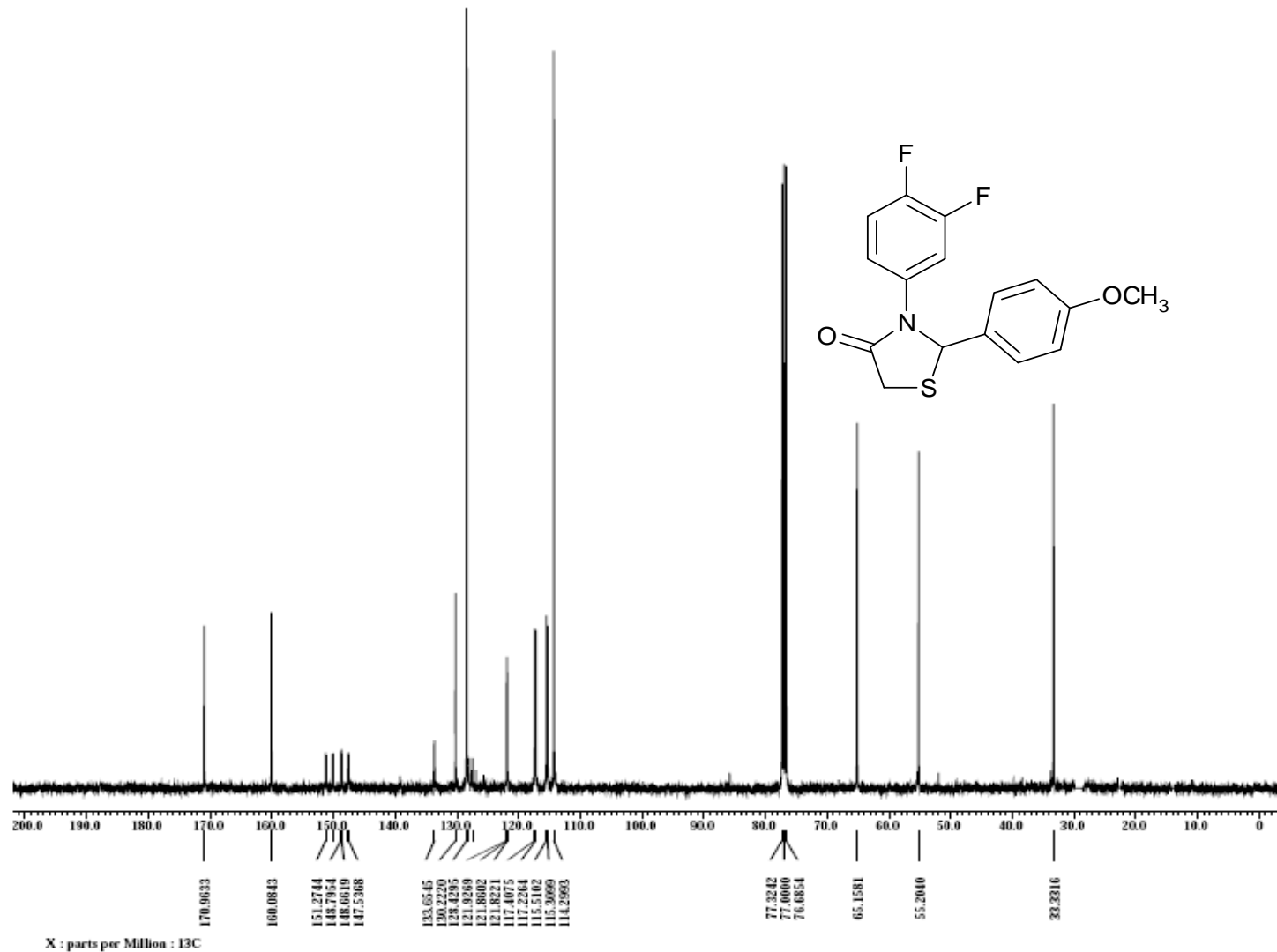


Figure 23. ^{13}C NMR spectrum of **4k**

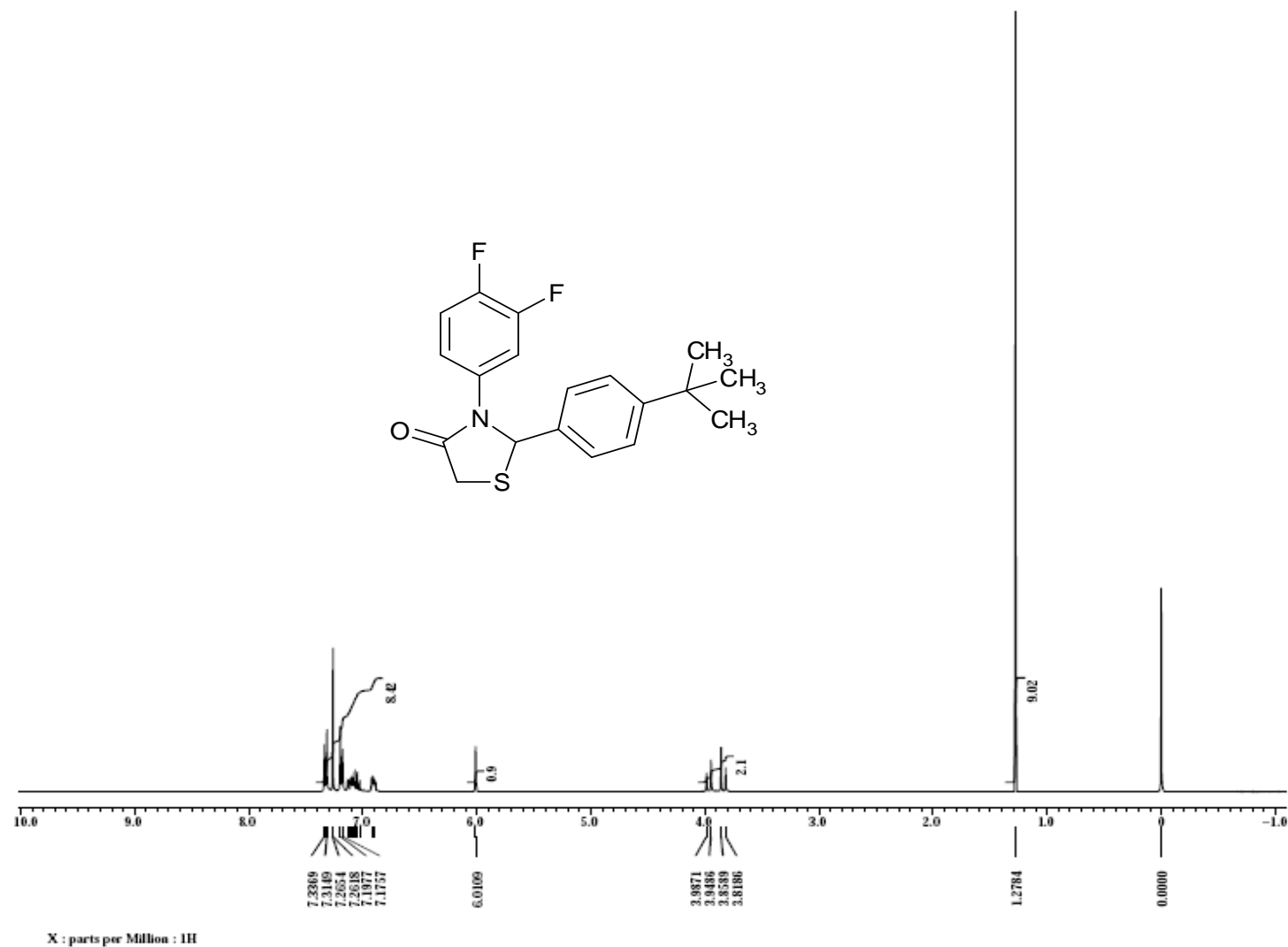


Figure 24. ^1H NMR spectrum of **4l**

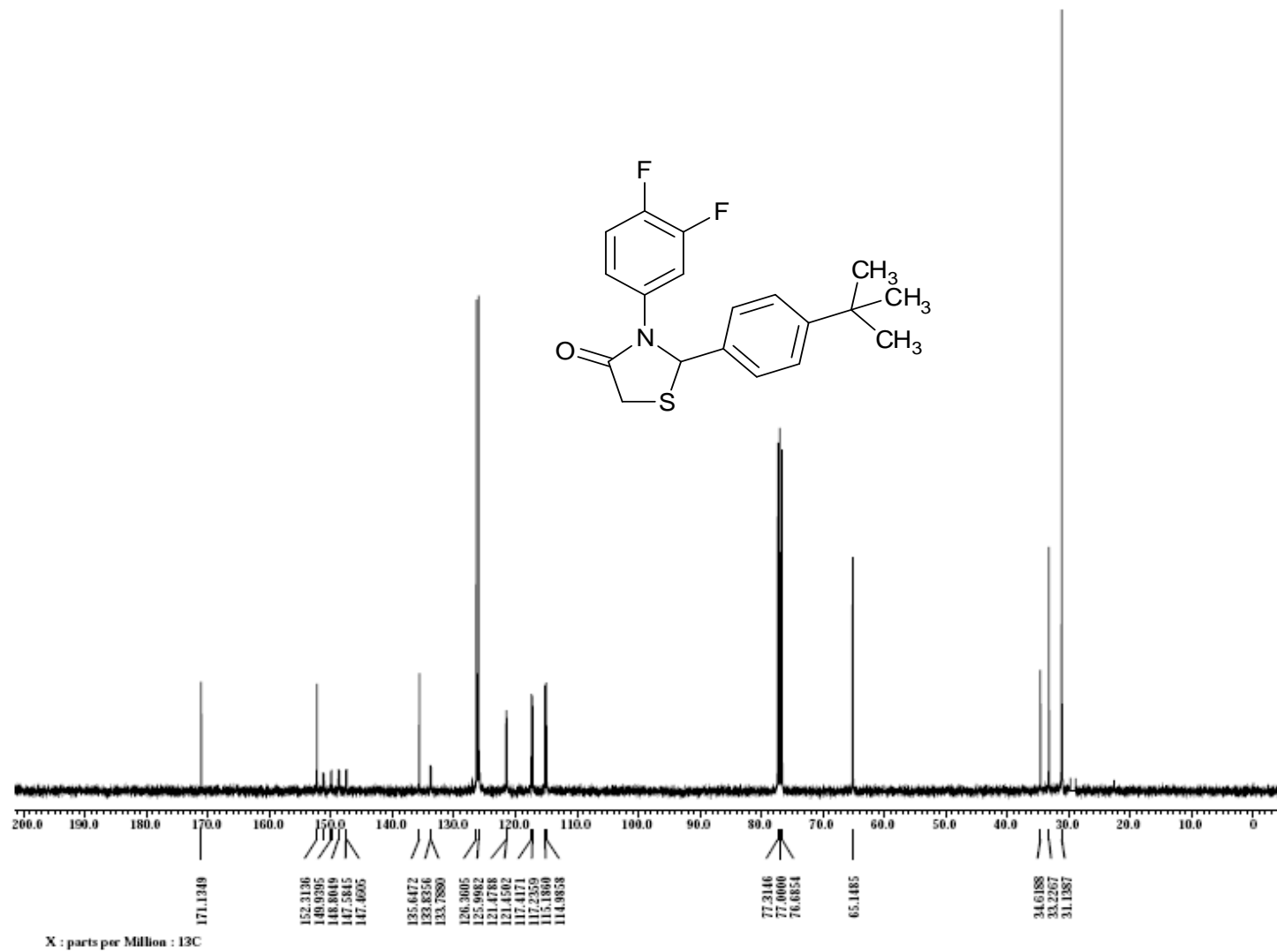


Figure 25. ^{13}C NMR spectrum of **41**

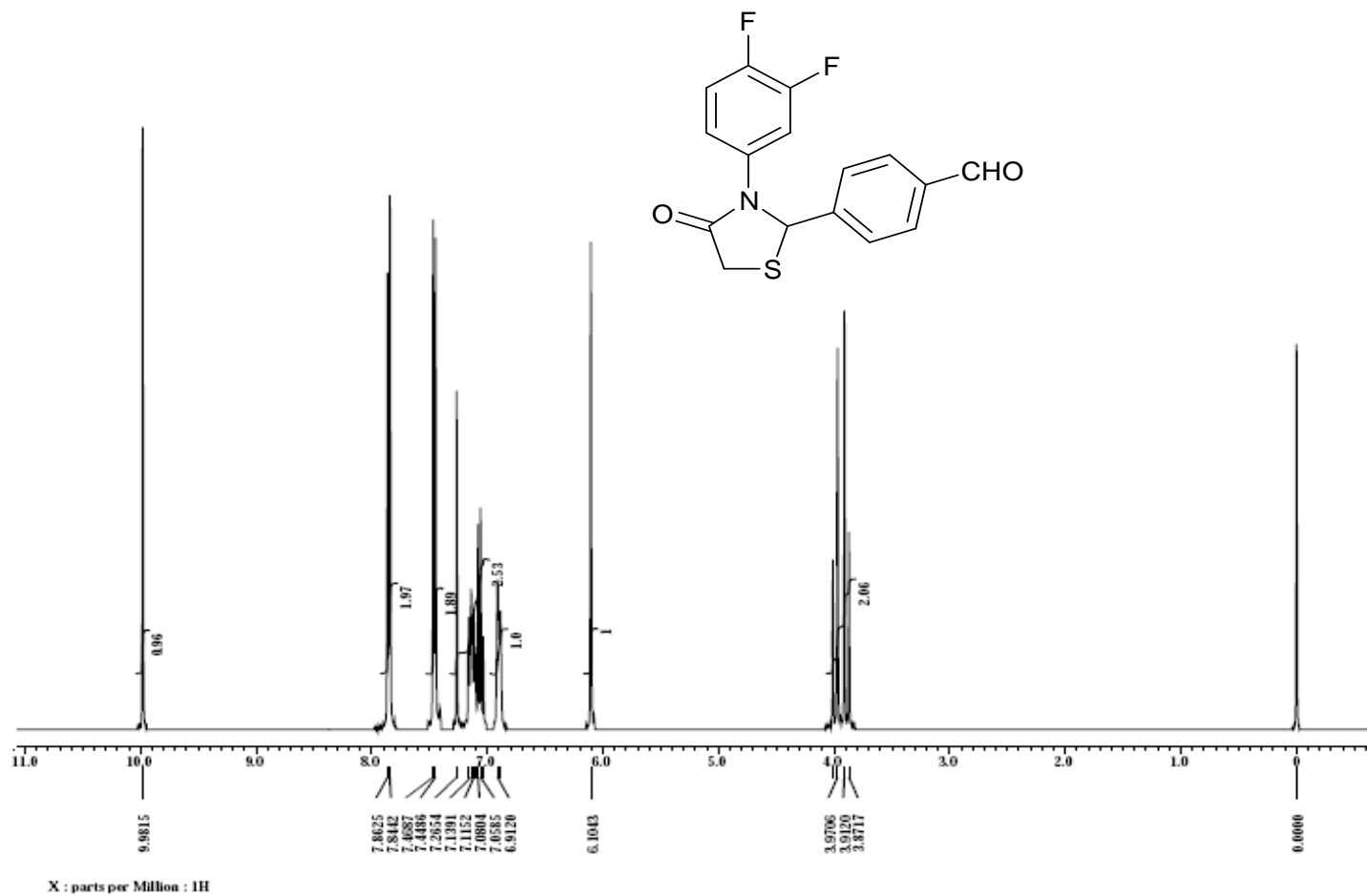


Figure 26. ¹H NMR spectrum of **4m**

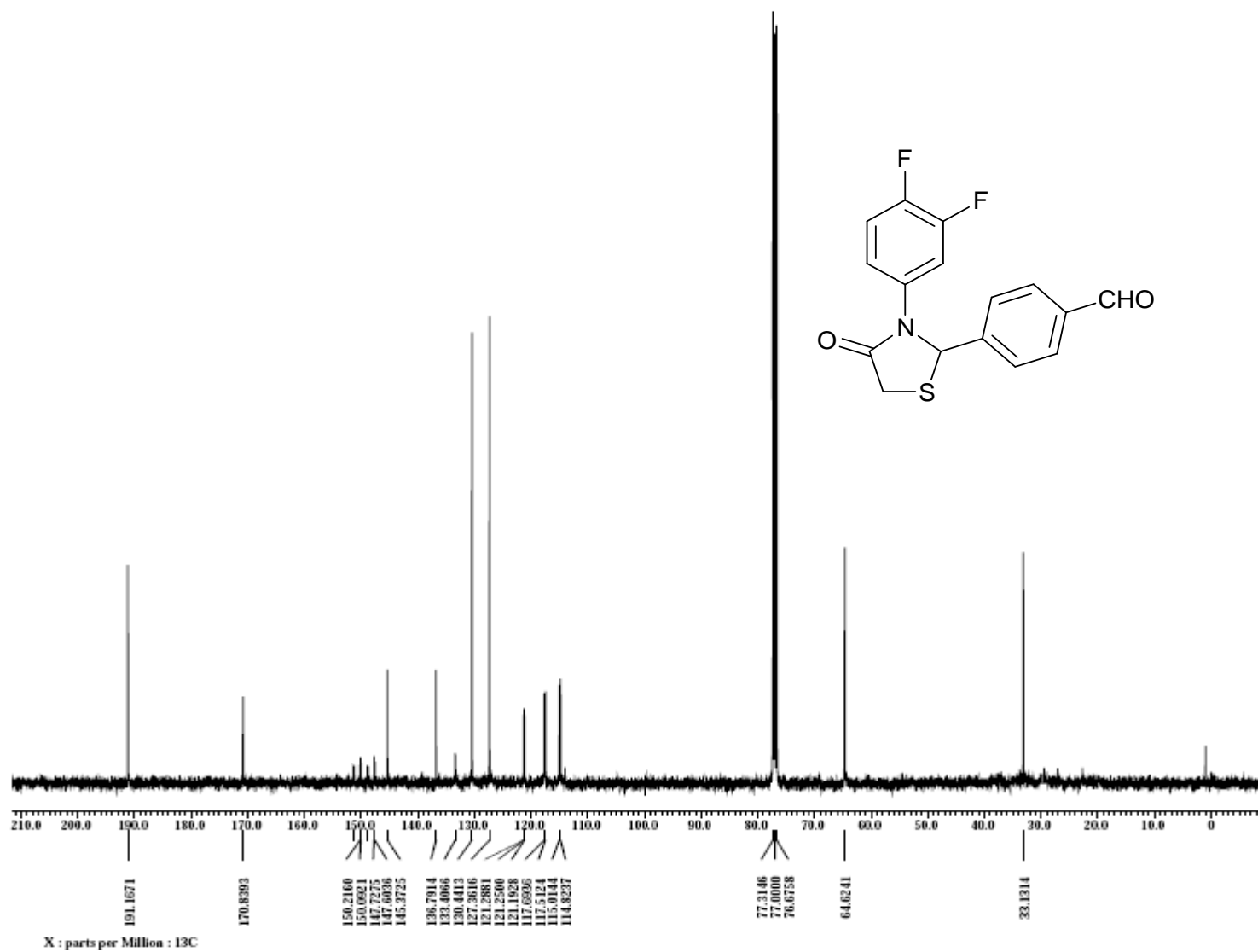


Figure 27. ^{13}C NMR spectrum of **4m**

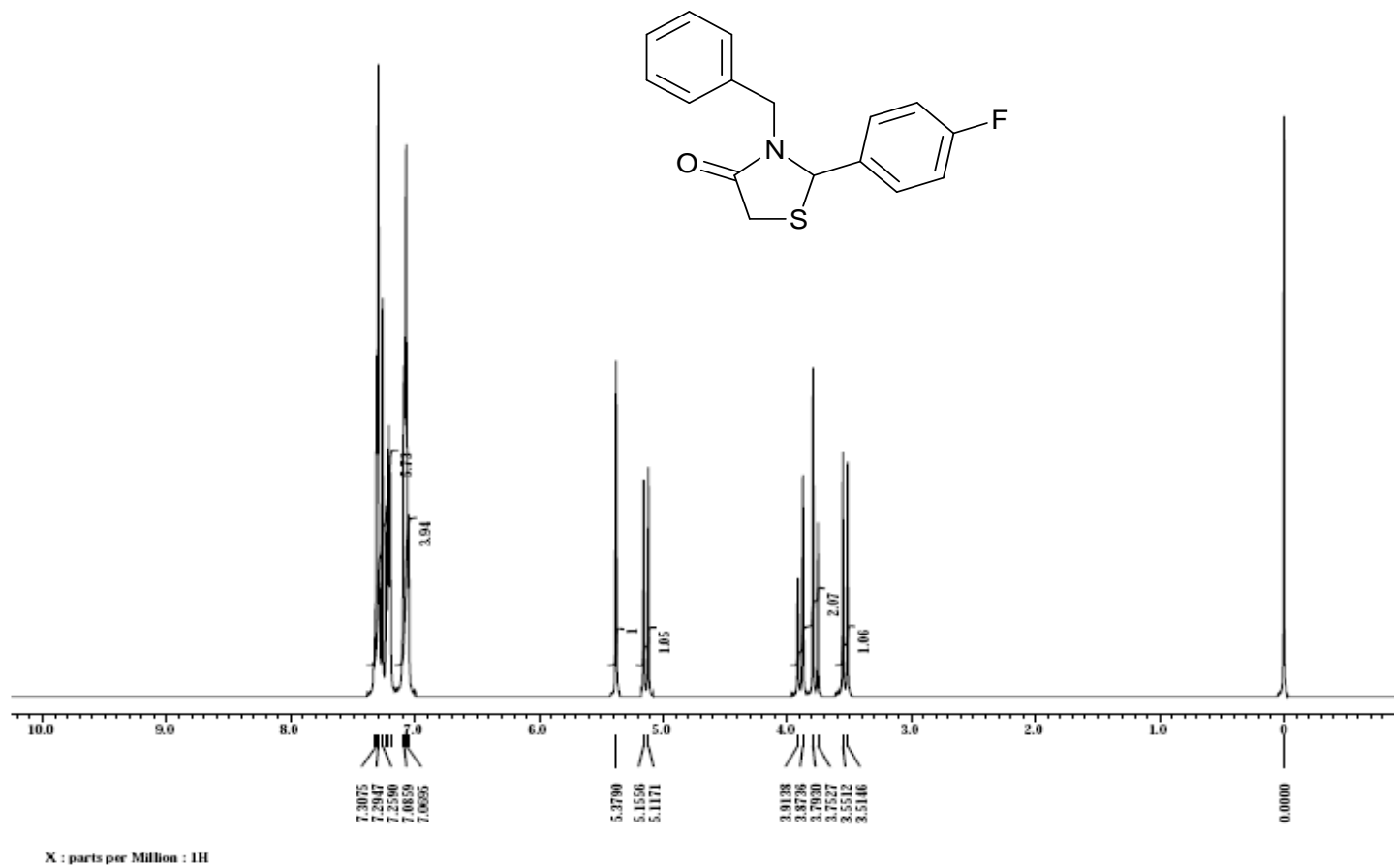


Figure 28. ¹H NMR spectrum of **4n**

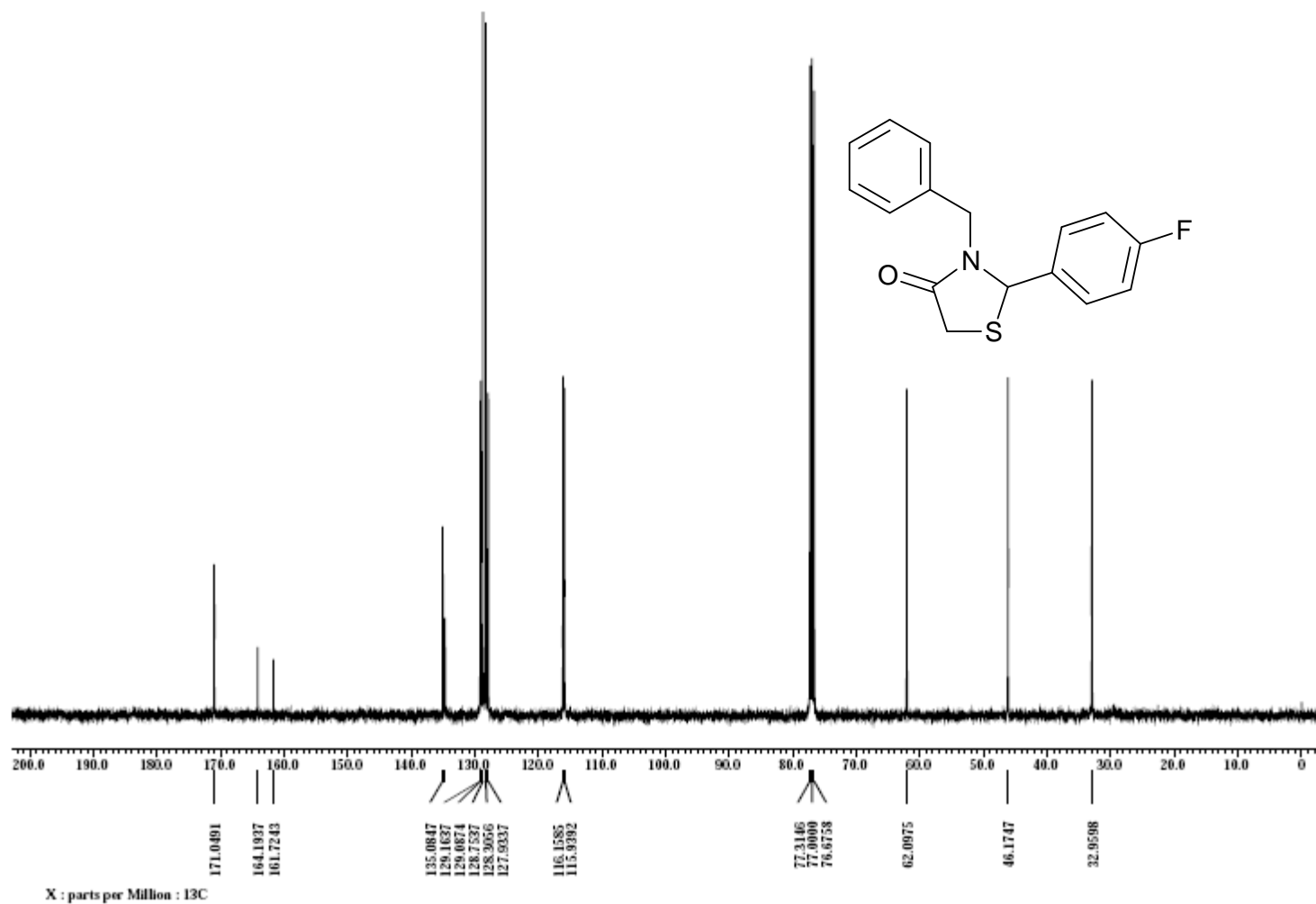


Figure 29. ^{13}C NMR spectrum of **4n**

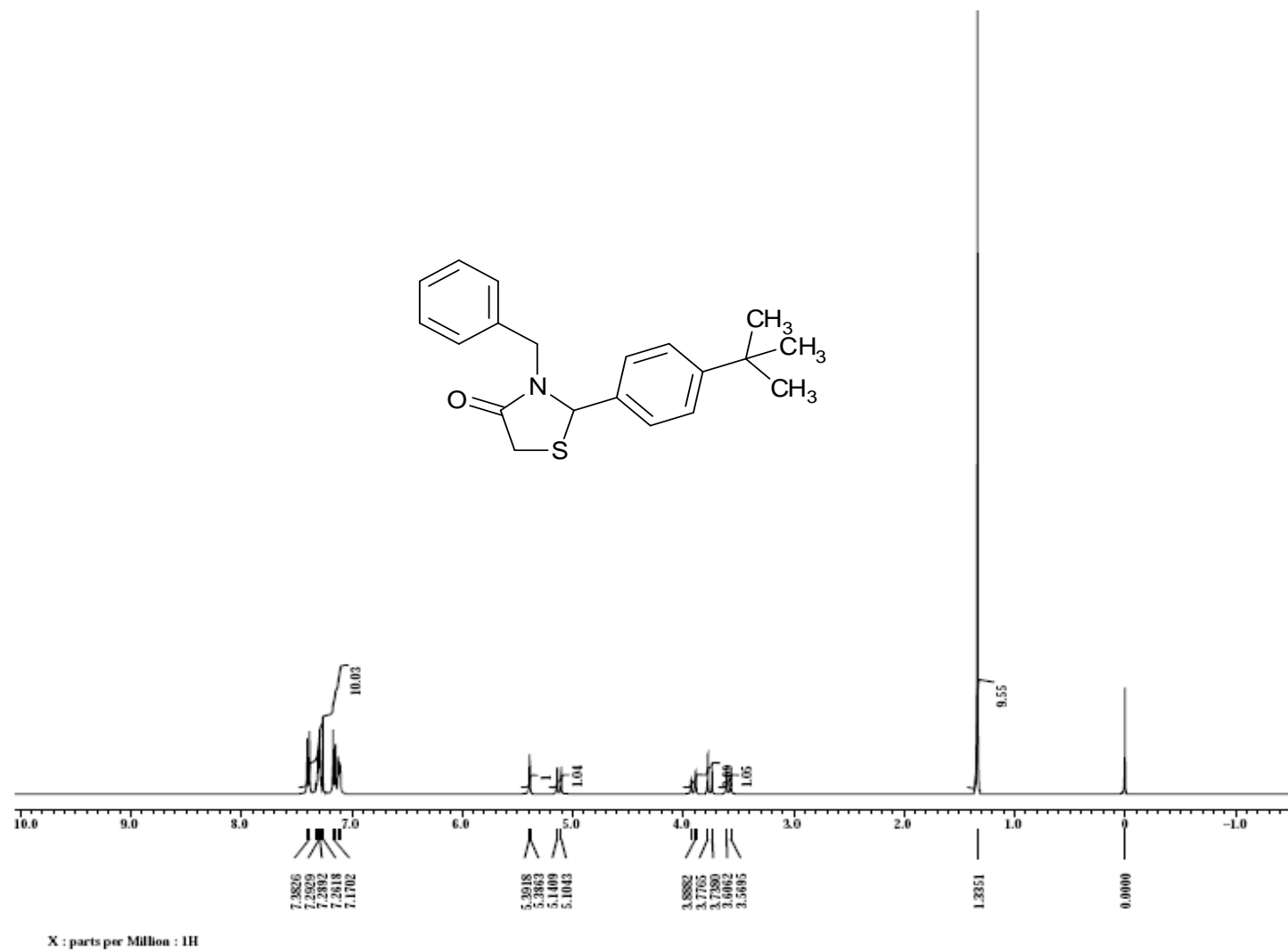


Figure 30. ¹H NMR spectrum of **4o**

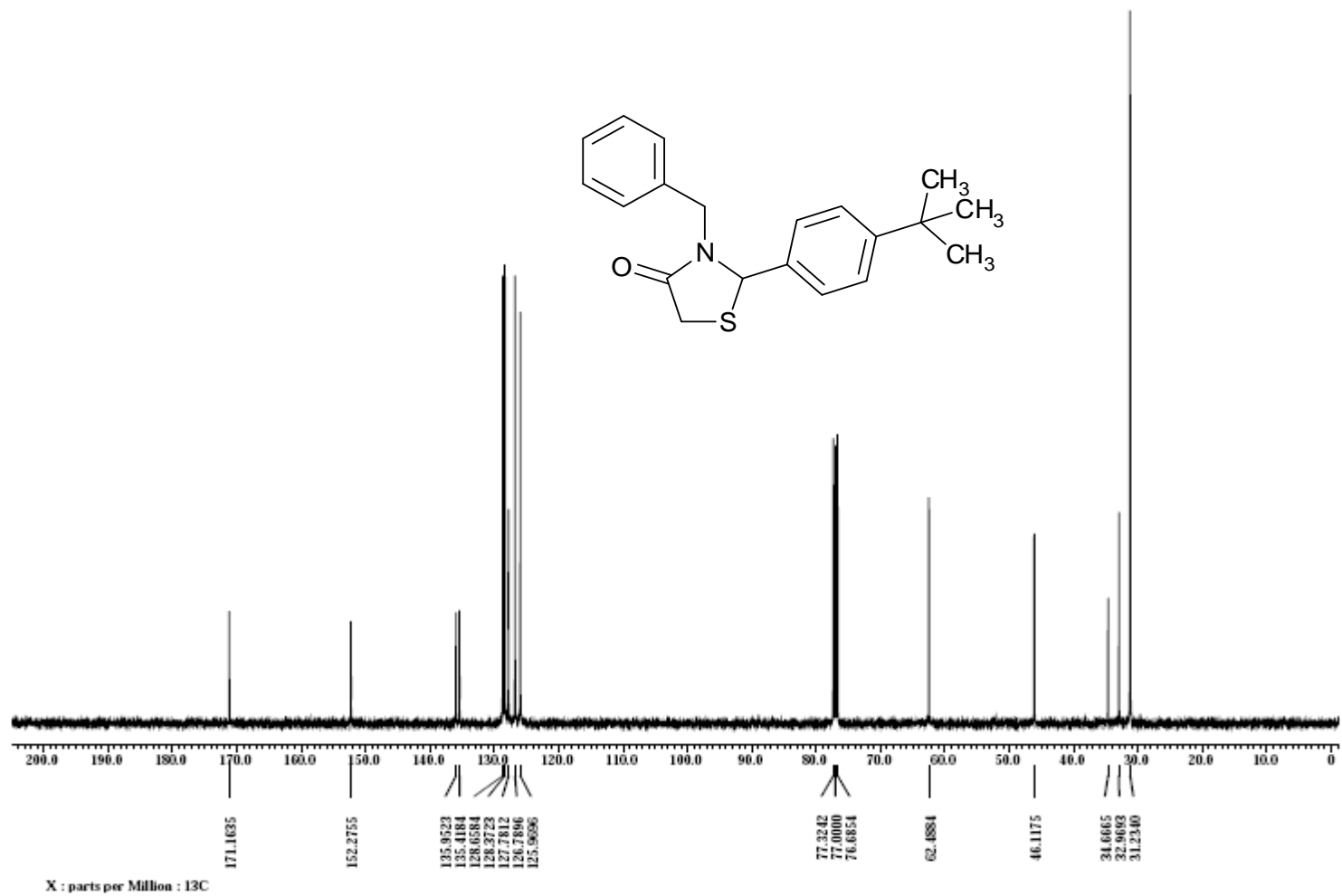


Figure 31. ^{13}C NMR spectrum of **4o**