

Supplementary File

Figure S1. ^1H -NMR spectrum compound **2**.

vs cosh 2,4-diethyl-5-(methoxycarbonyl)-6-phenylpyridine-3-carbothioic S-acid in CDCl_3

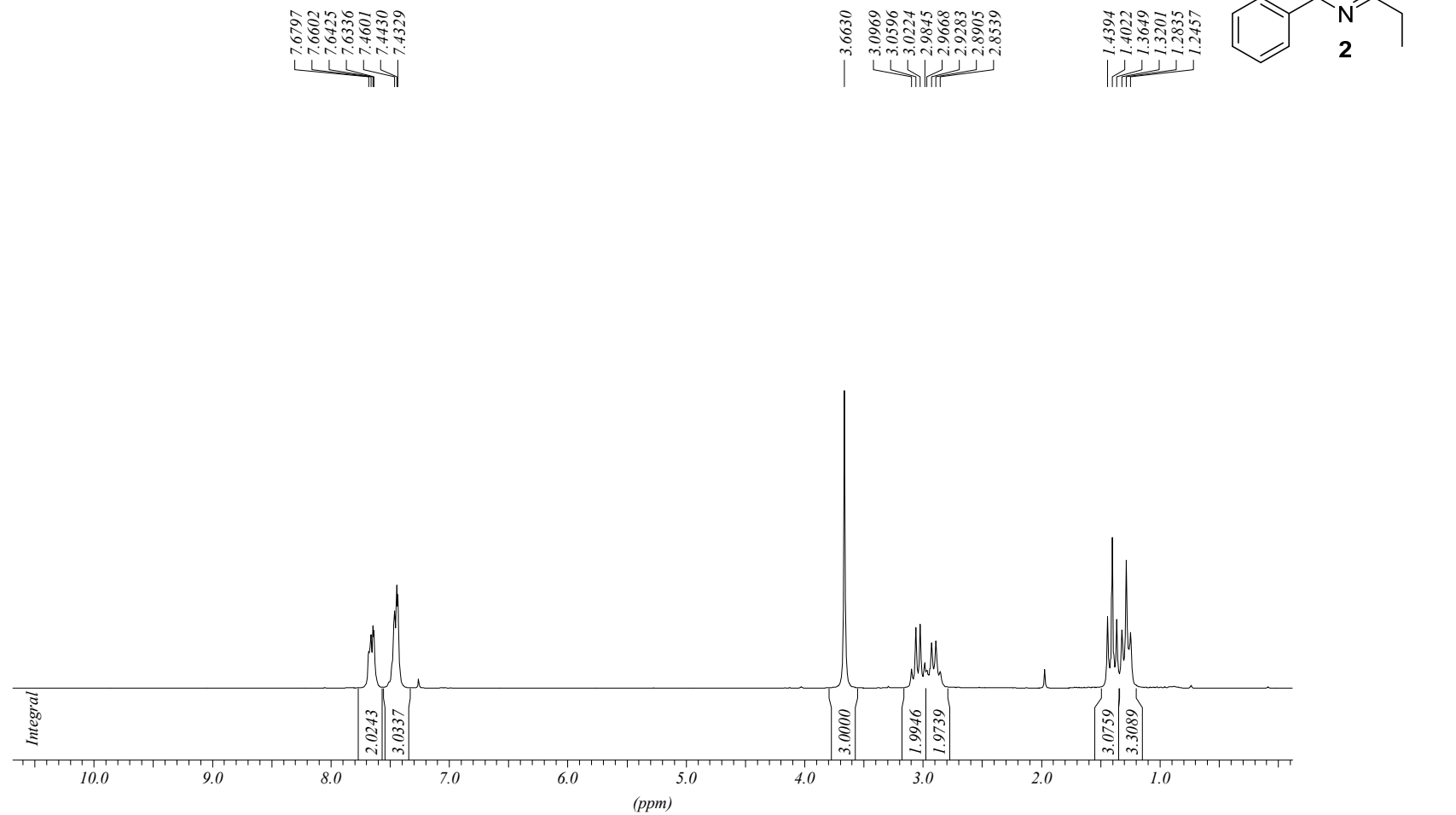


Figure S2. ^{13}C -NMR spectrum compound **2**.

vsosh 2,4-diethyl-5-(methoxycarbonyl)-6-phenylpyridine-3-carbothioic S-acid
in CDCl_3

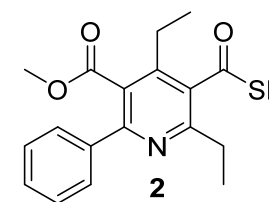
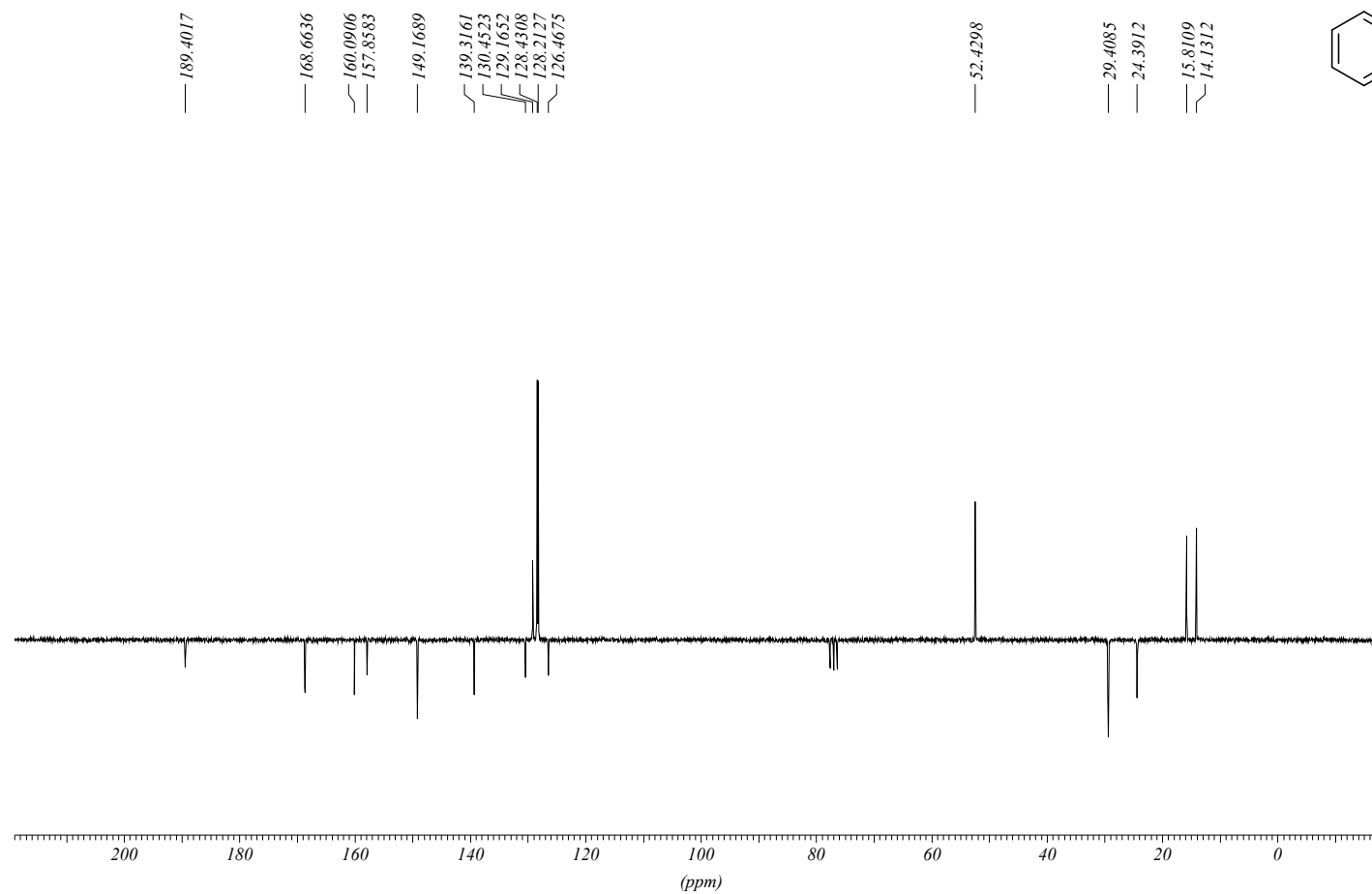


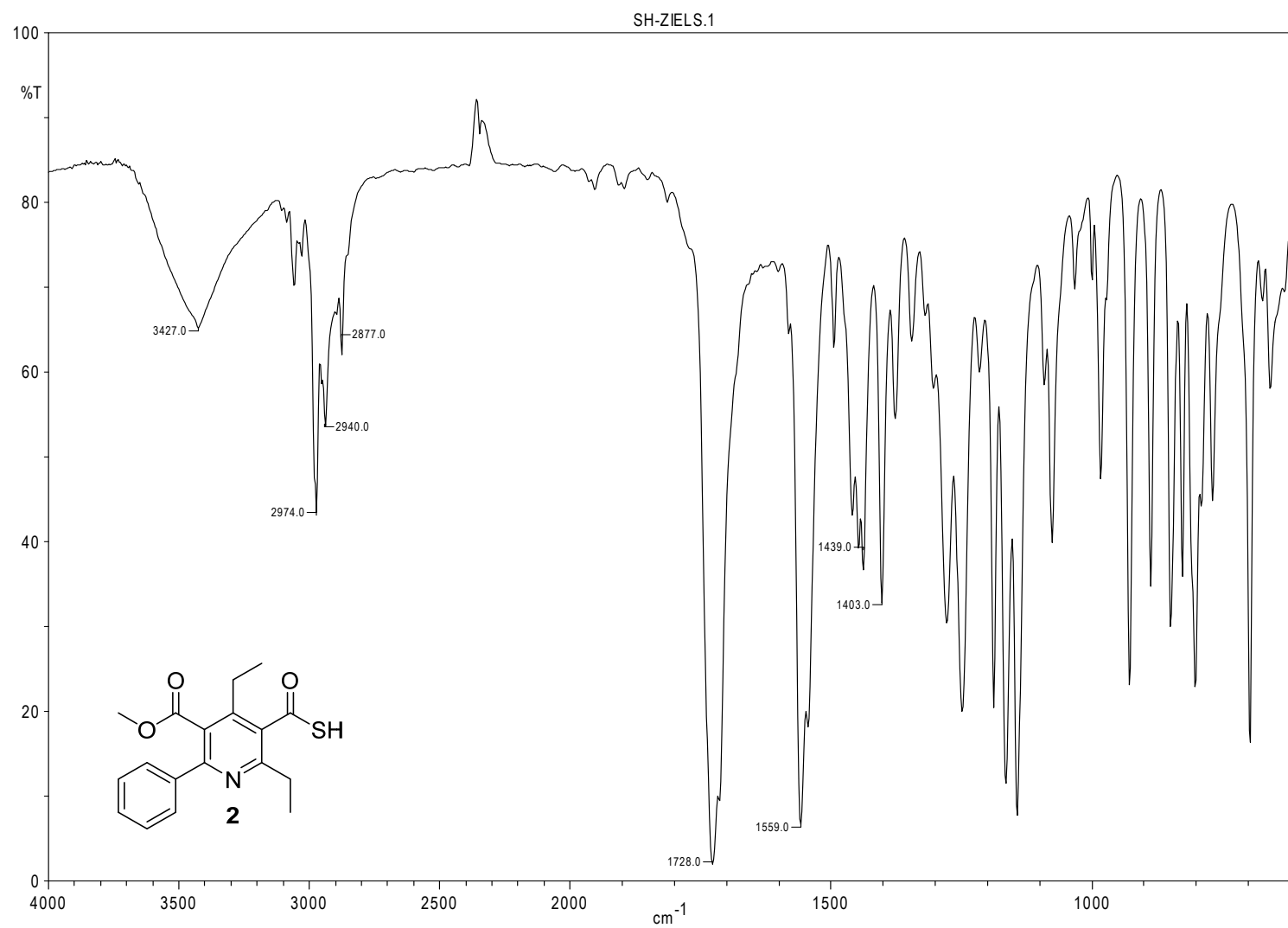
Figure S3. IR spectrum compound **2**.

Figure S4. Mass spectrum compound 2.

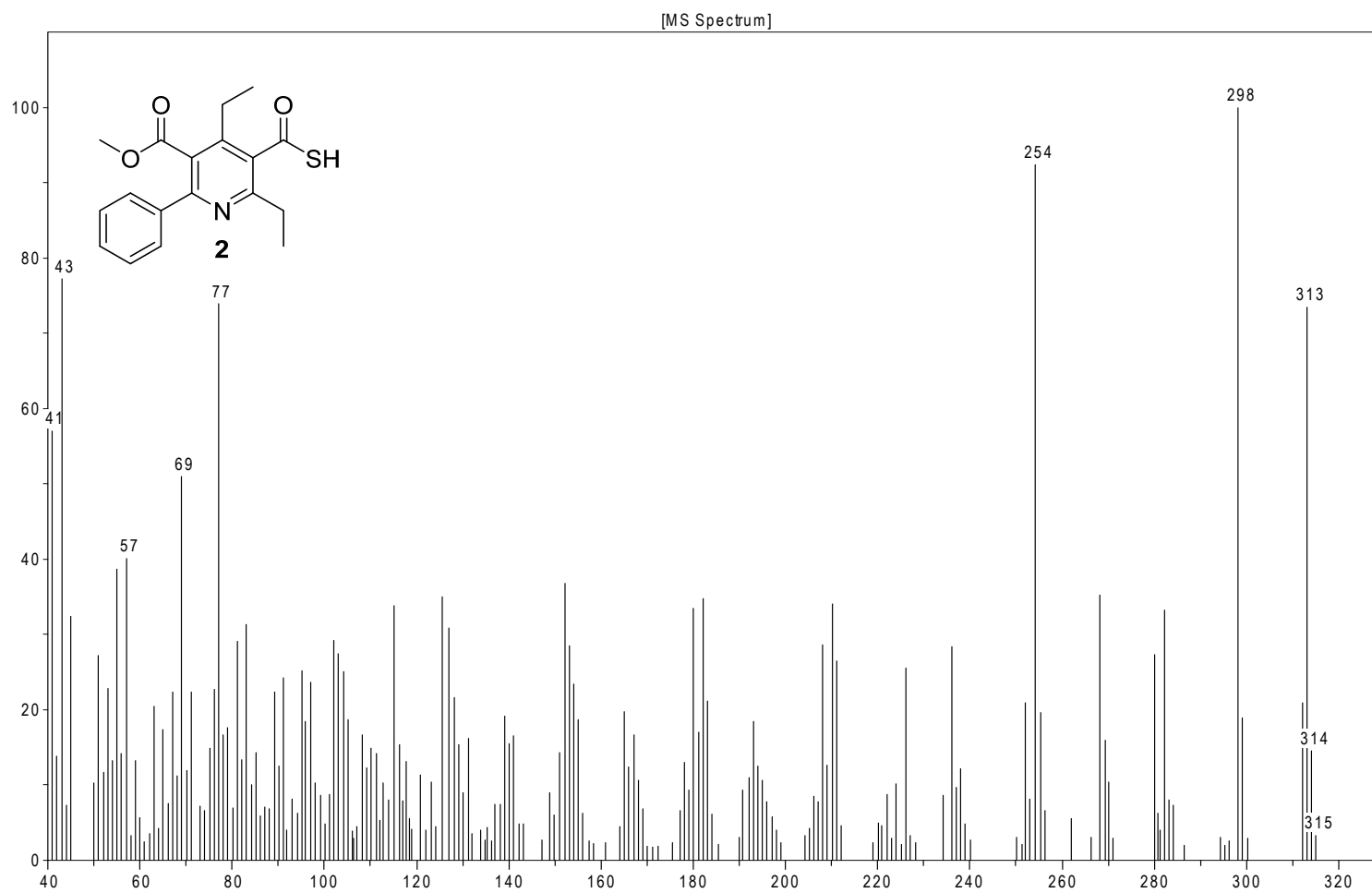


Figure S5. ^1H -NMR spectrum compound **3**.

kss2a 5-(ethoxycarbonyl)-2,4-diethyl-6-phenylpyridine-3-carbothioic S-acid in CDCl_3 9/3/2007

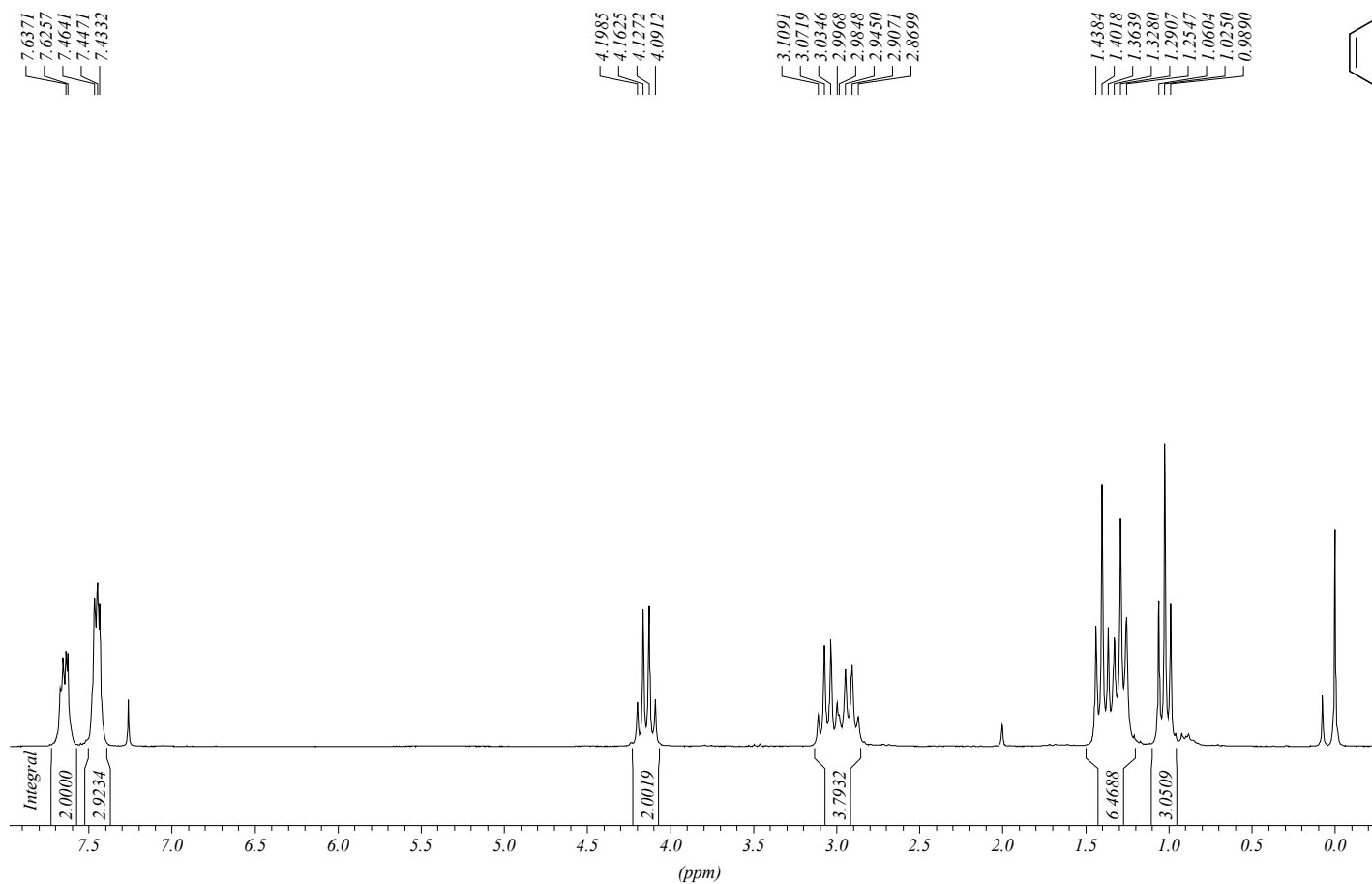


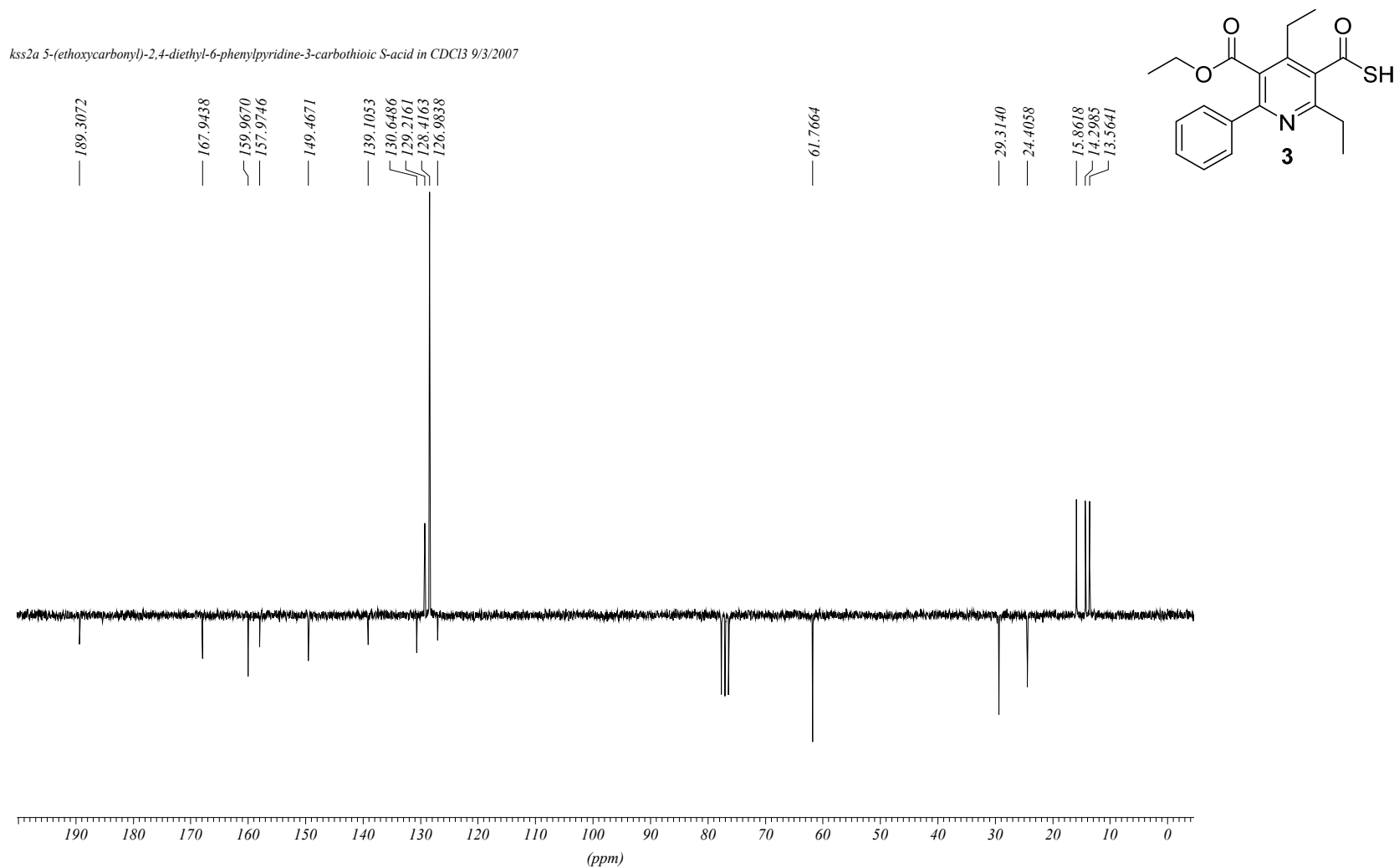
Figure S6. ^{13}C -NMR spectrum compound **3**.

Figure S7. IR spectrum compound 3.

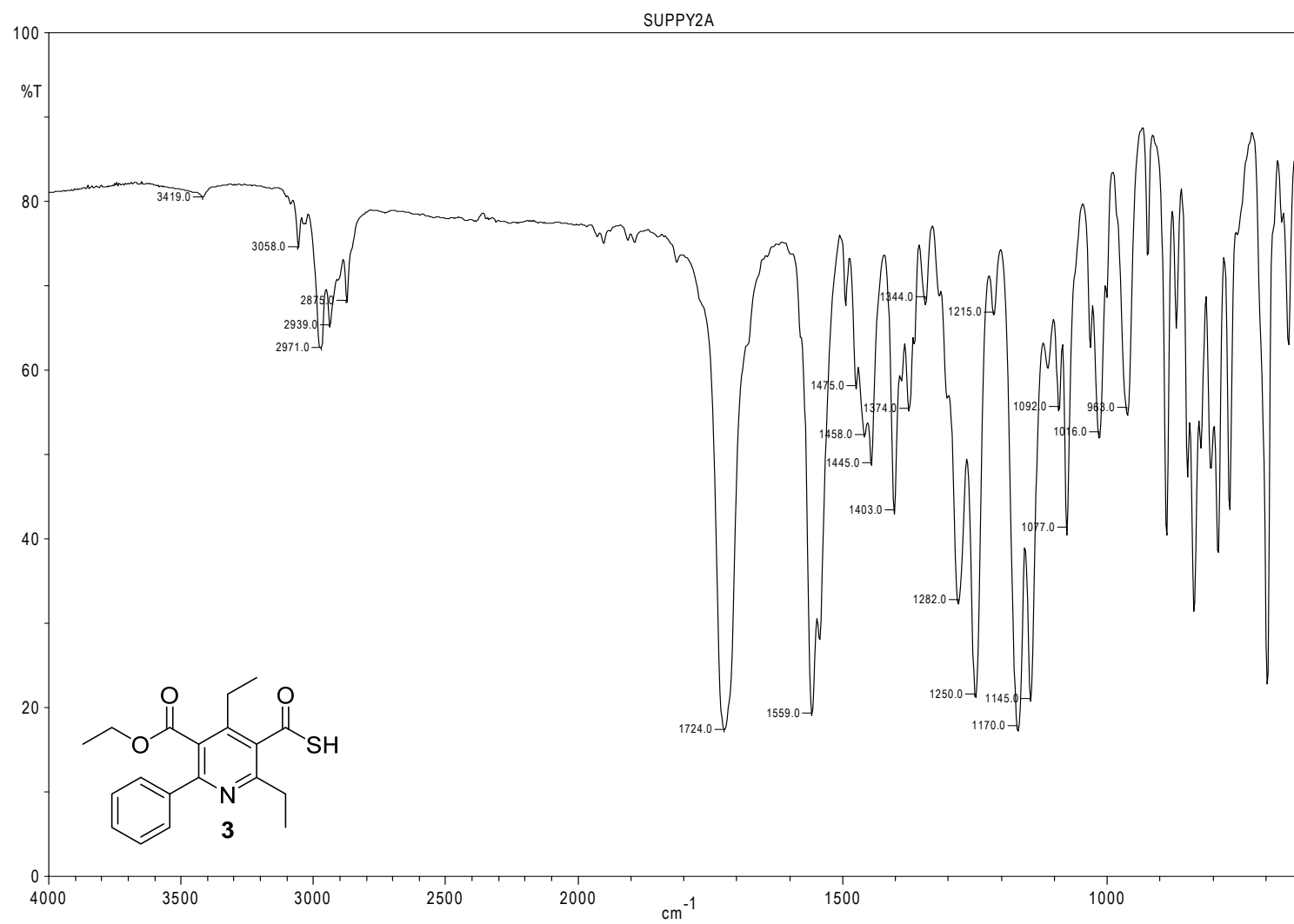


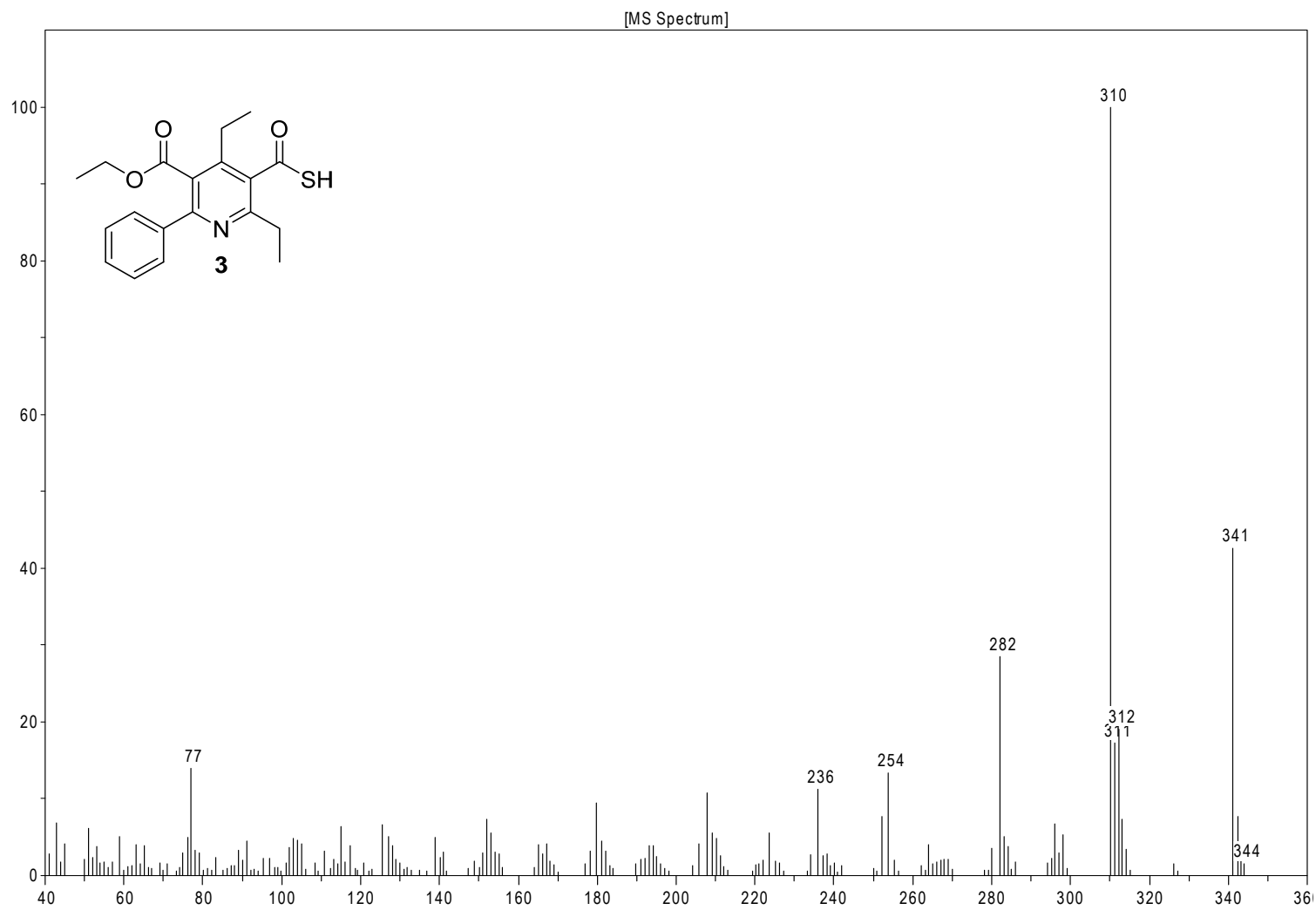
Figure S8. Mass spectrum compound **3**.

Figure S9. ^1H -NMR spectrum compound **4**.

kss4 2,4-diethyl-5-((2-fluoroethoxy)carbonyl)-6-phenylpyridine-3-carbothioic S-acid in CDCl₃ 05/03/2007

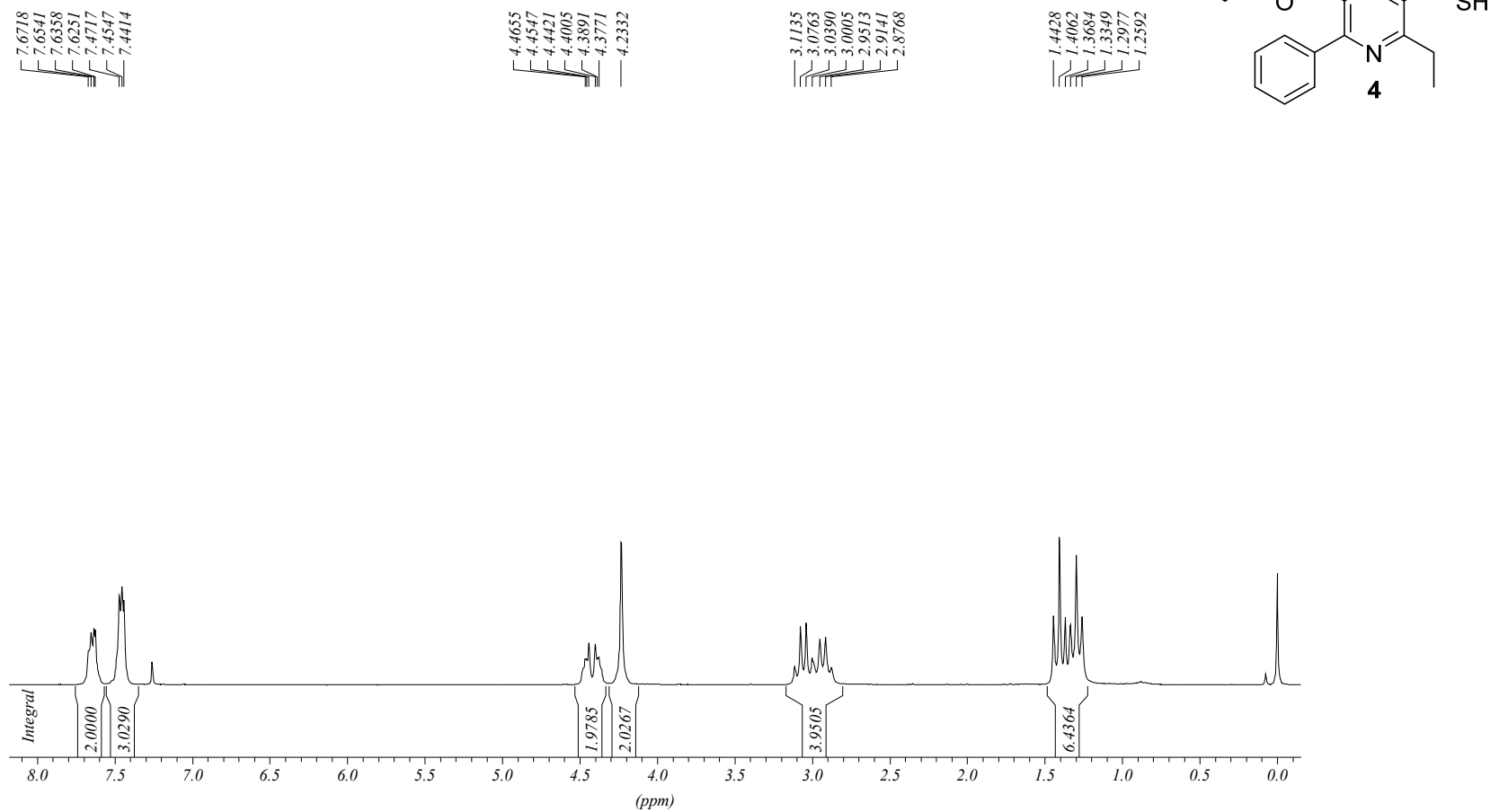


Figure S10. ^{13}C -NMR spectrum compound 4.

kss4 2,4-diethyl-5-((2-fluoroethoxy)carbonyl)-6-phenylpyridine-3-carbothioic S-acid in CDCl_3 5/3/2007

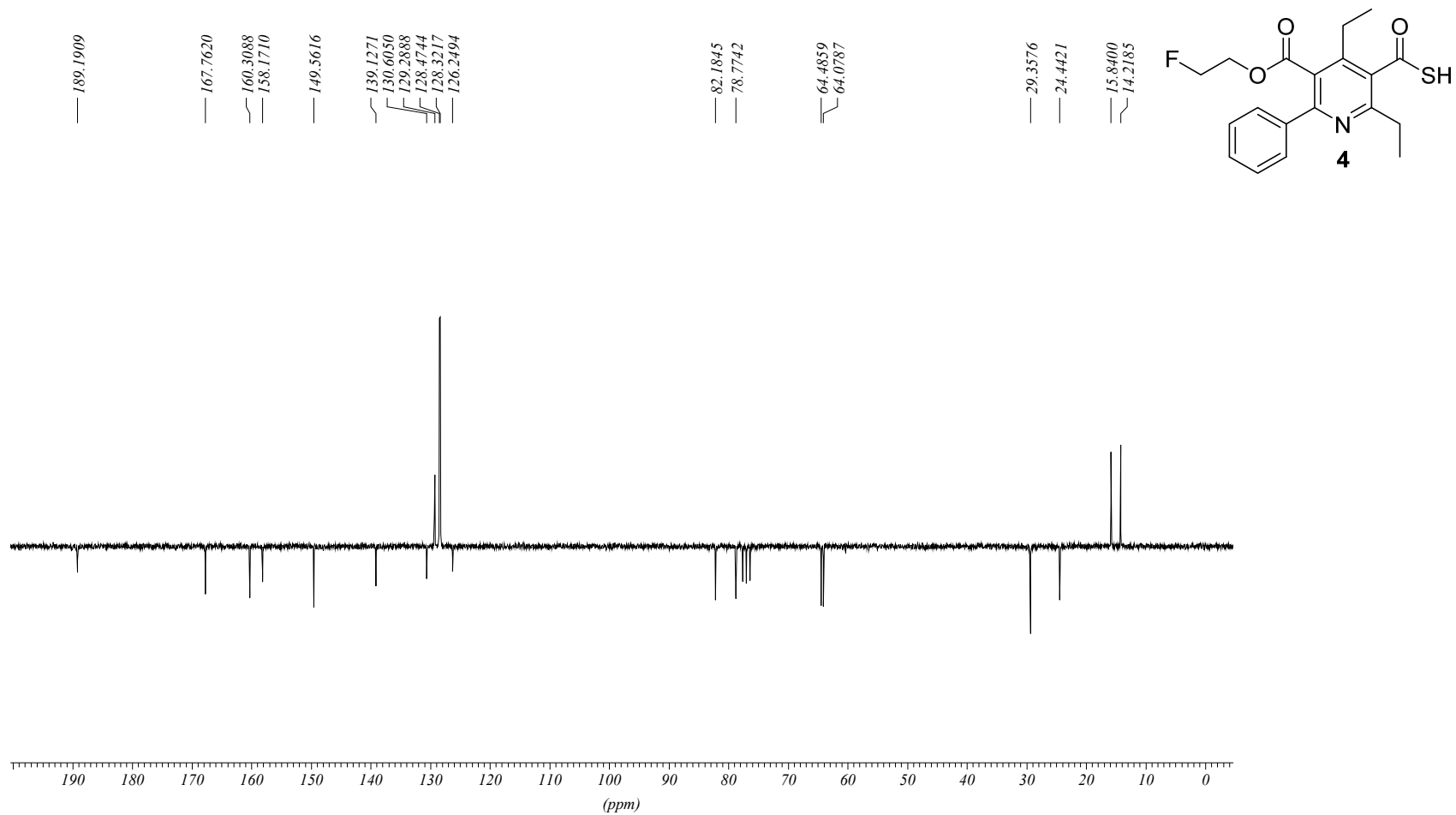


Figure S11. IR spectrum compound 4.

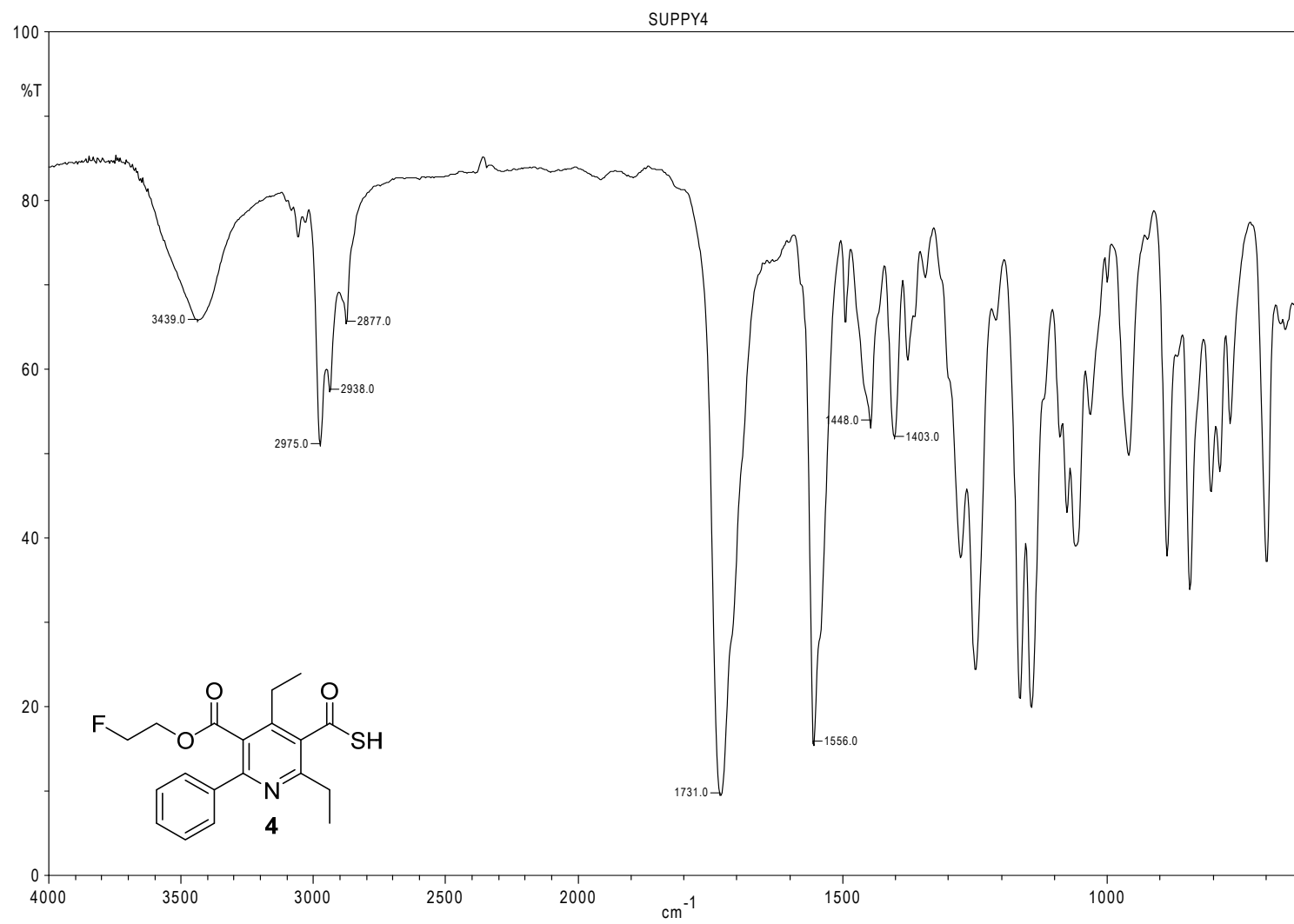


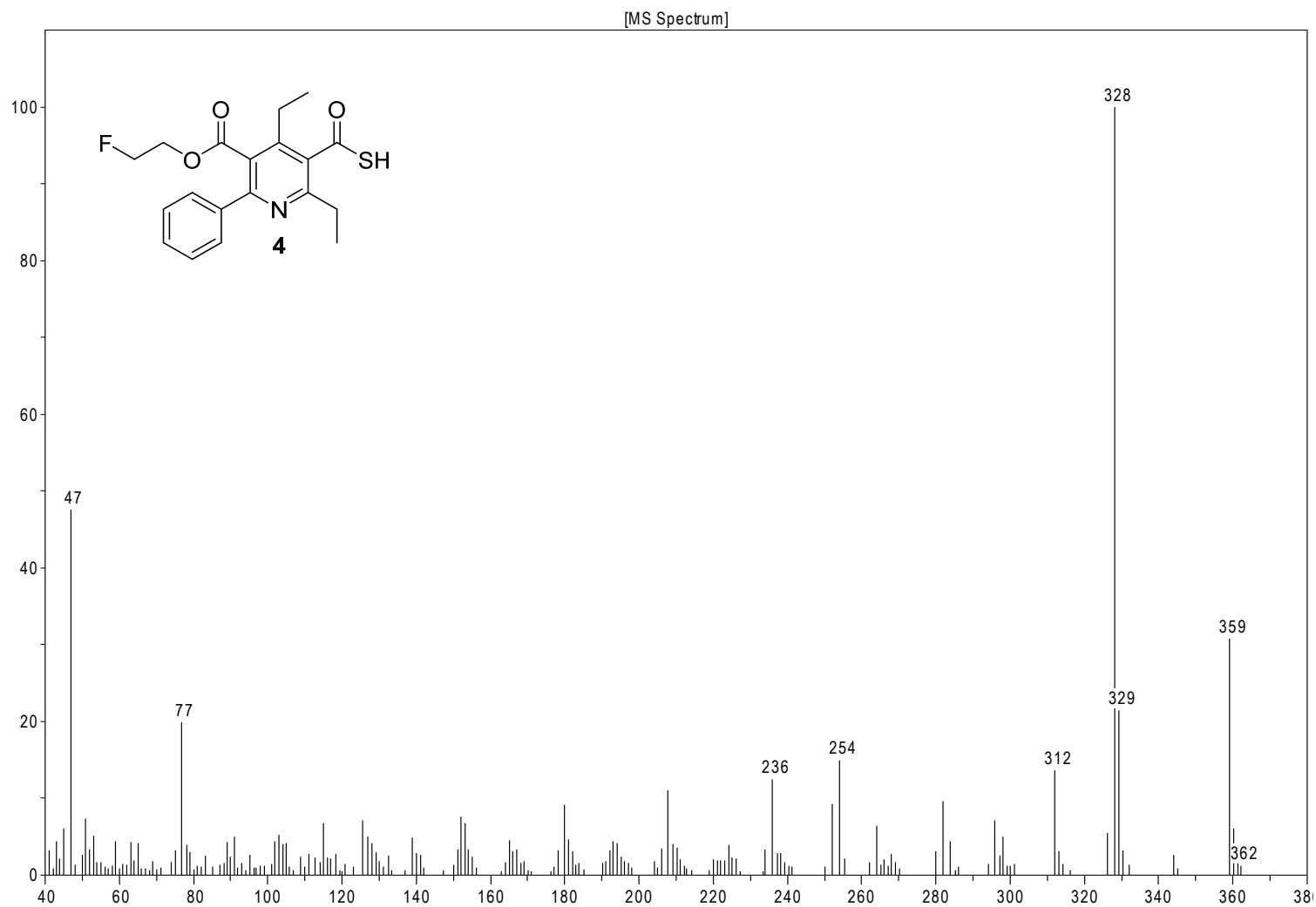
Figure S12. Mass spectrum compound **4**.

Figure S13. ^1H -NMR spectrum compound **5**.

vscoohsch3 4,6-diethyl-5-(methylthiocarbonyl)-2-phenylnicotinic acid in DMSO

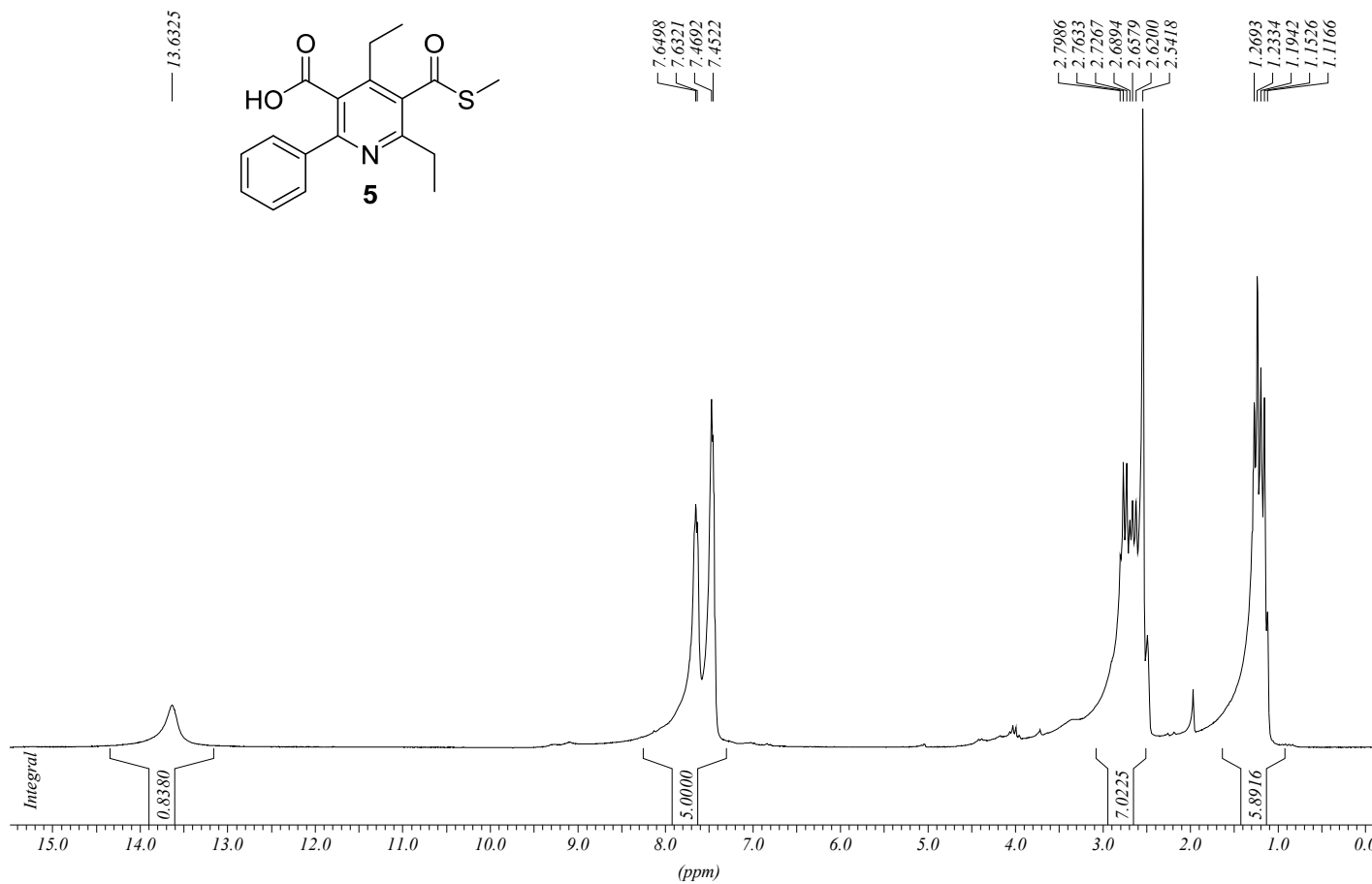


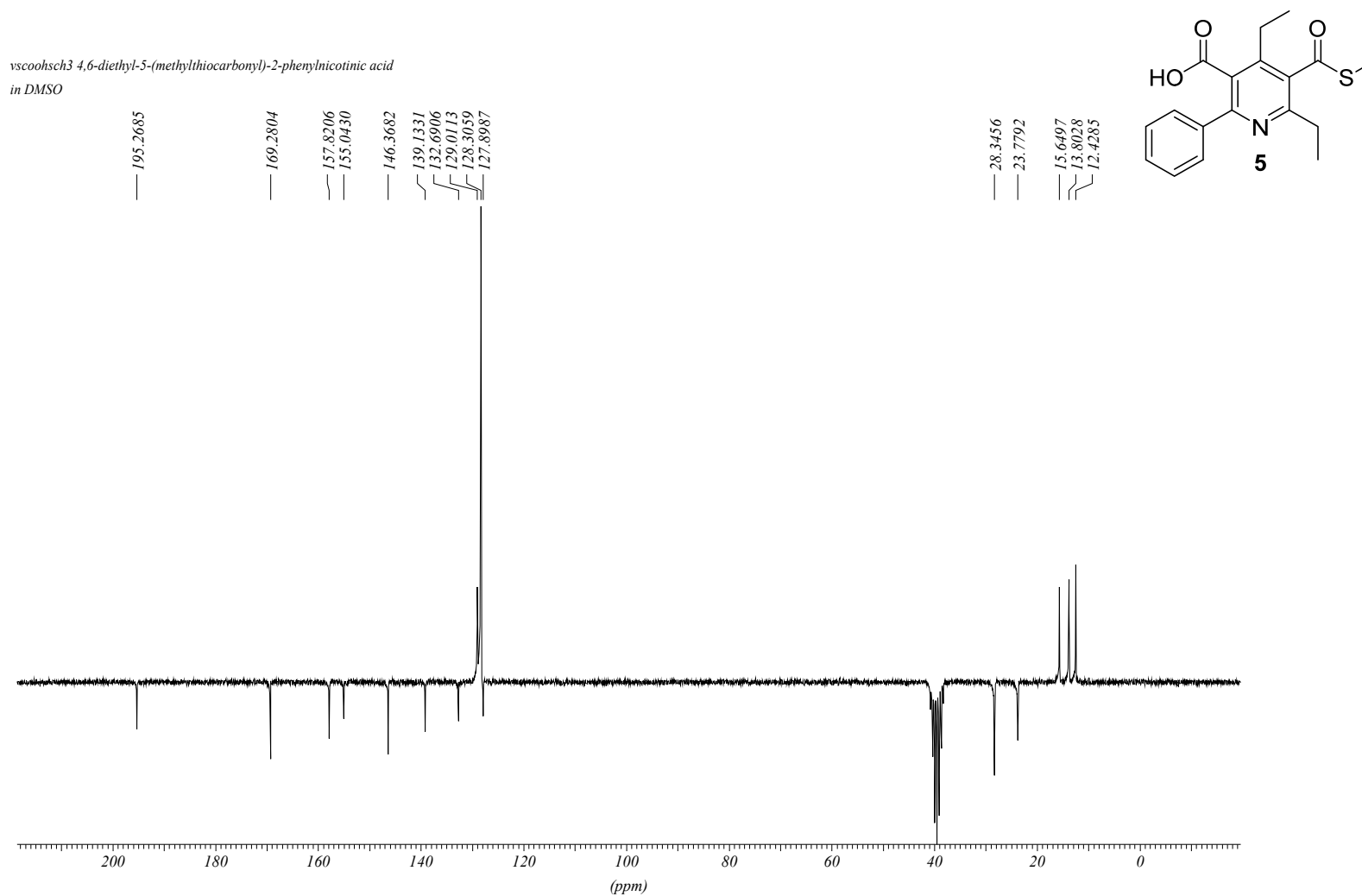
Figure S14. ^{13}C -NMR spectrum compound 5.

Figure S15. IR spectrum compound 5.

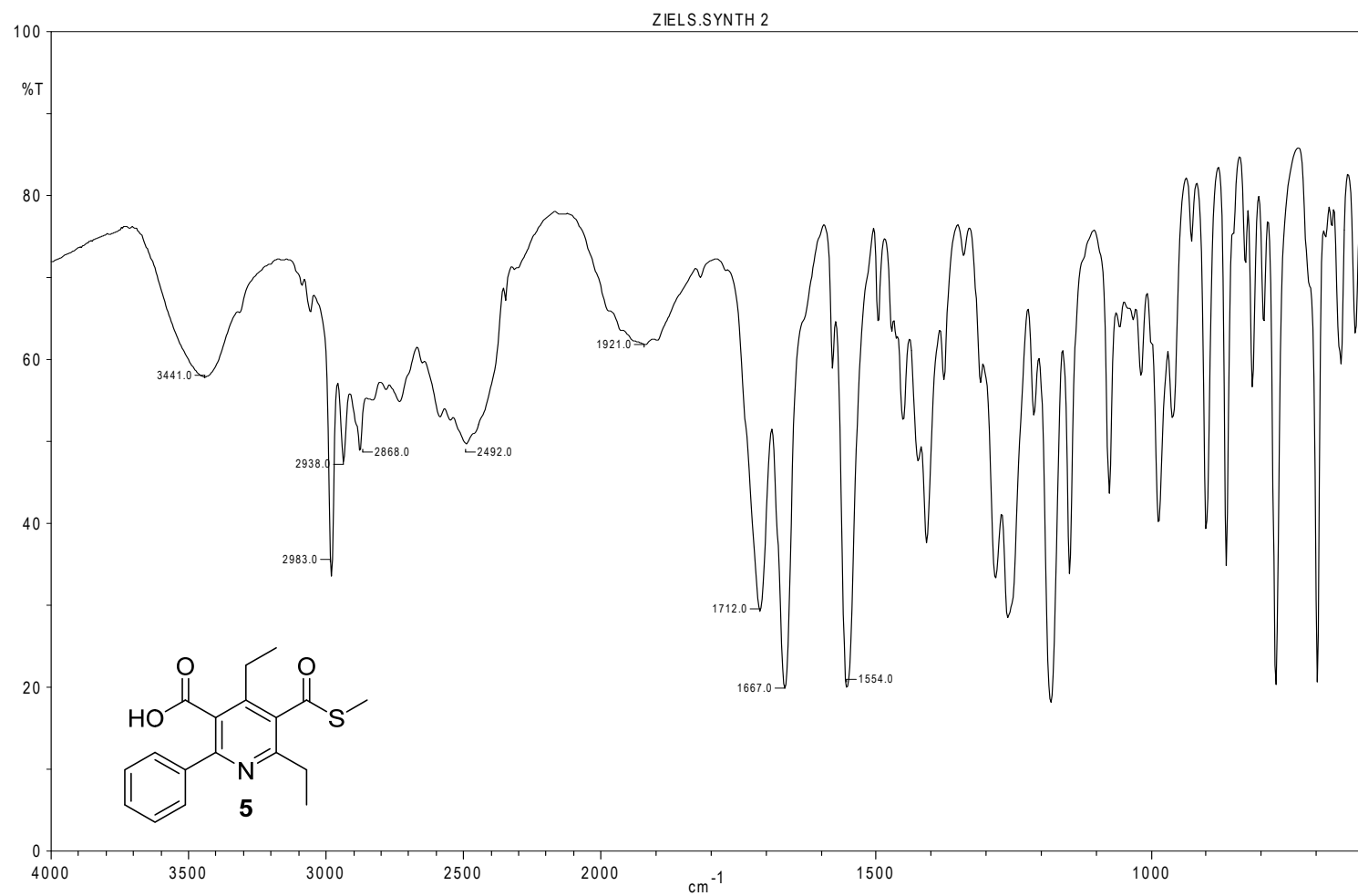


Figure S16. Mass spectrum compound 5.

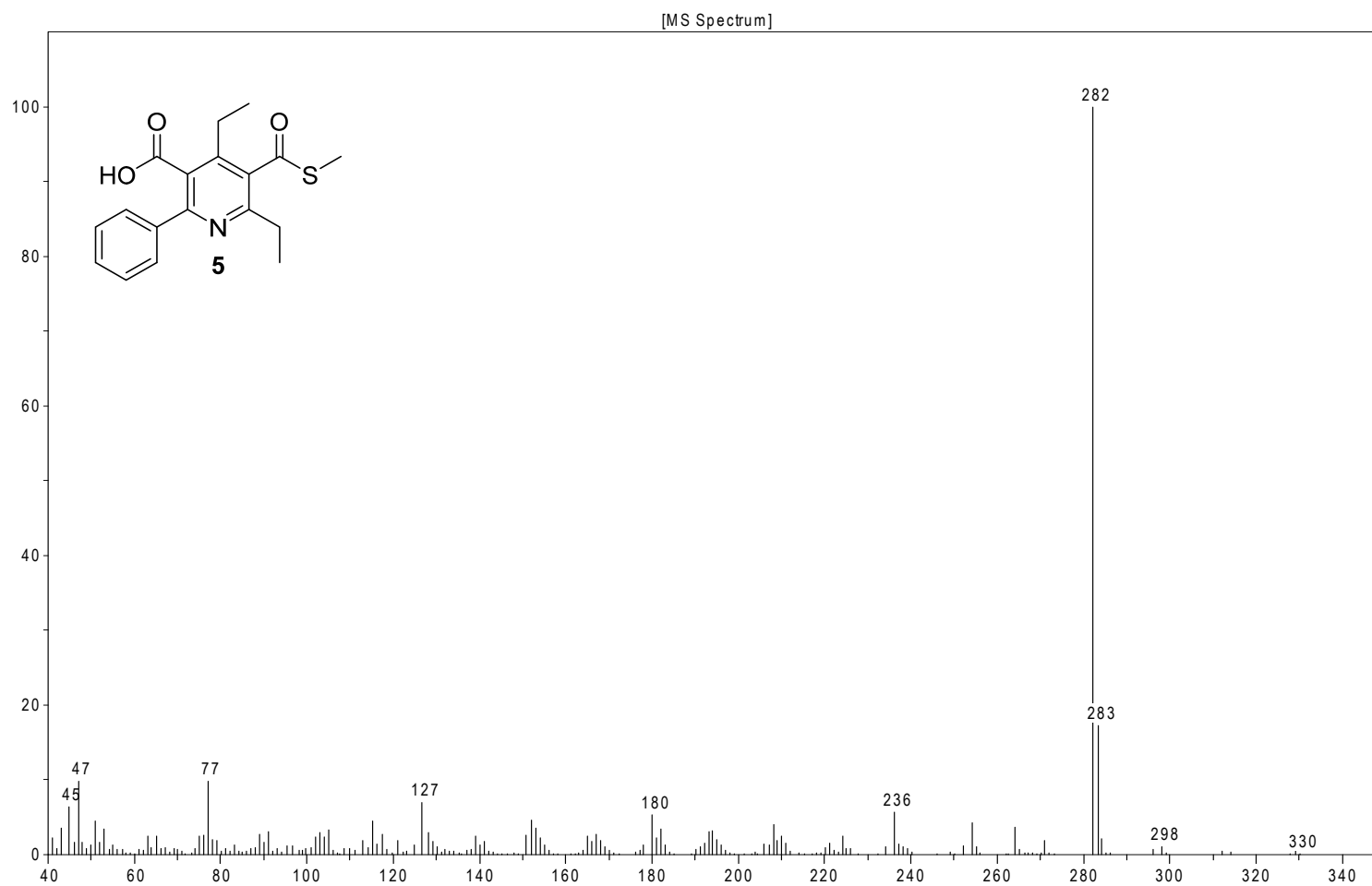


Figure S17. ^1H -NMR spectrum compound **6**.

ks343COOH 4,6-Diethyl-5-(ethylthiocarbonyl)-2-phenylnicotinic acid in DMSO

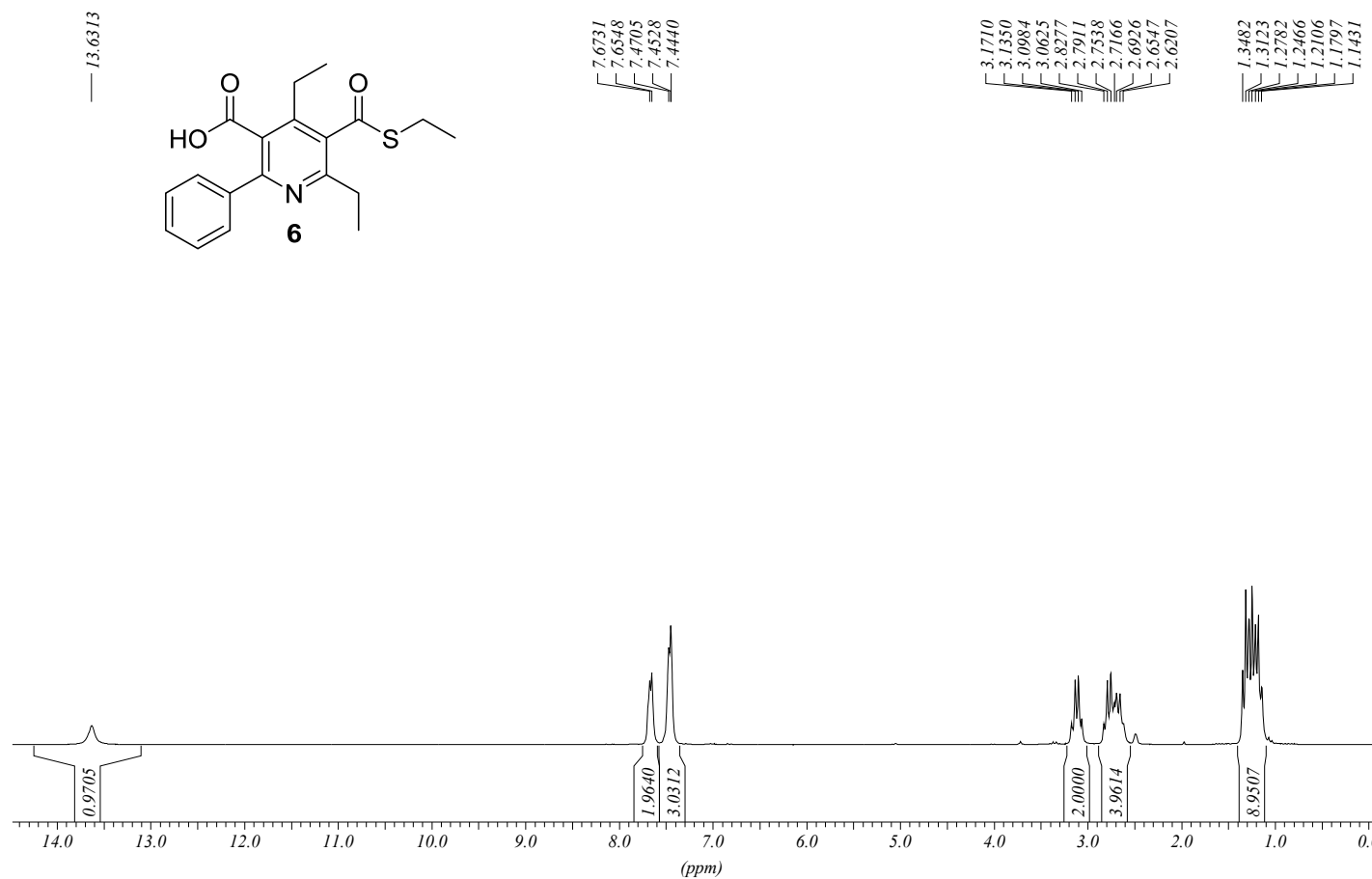


Figure S18. ^{13}C -NMR spectrum compound 6.

ks343s1COOH 4,6-Diethyl-5-(ethylthiocarbonyl)-2-phenylnicotinic acid in DMSO

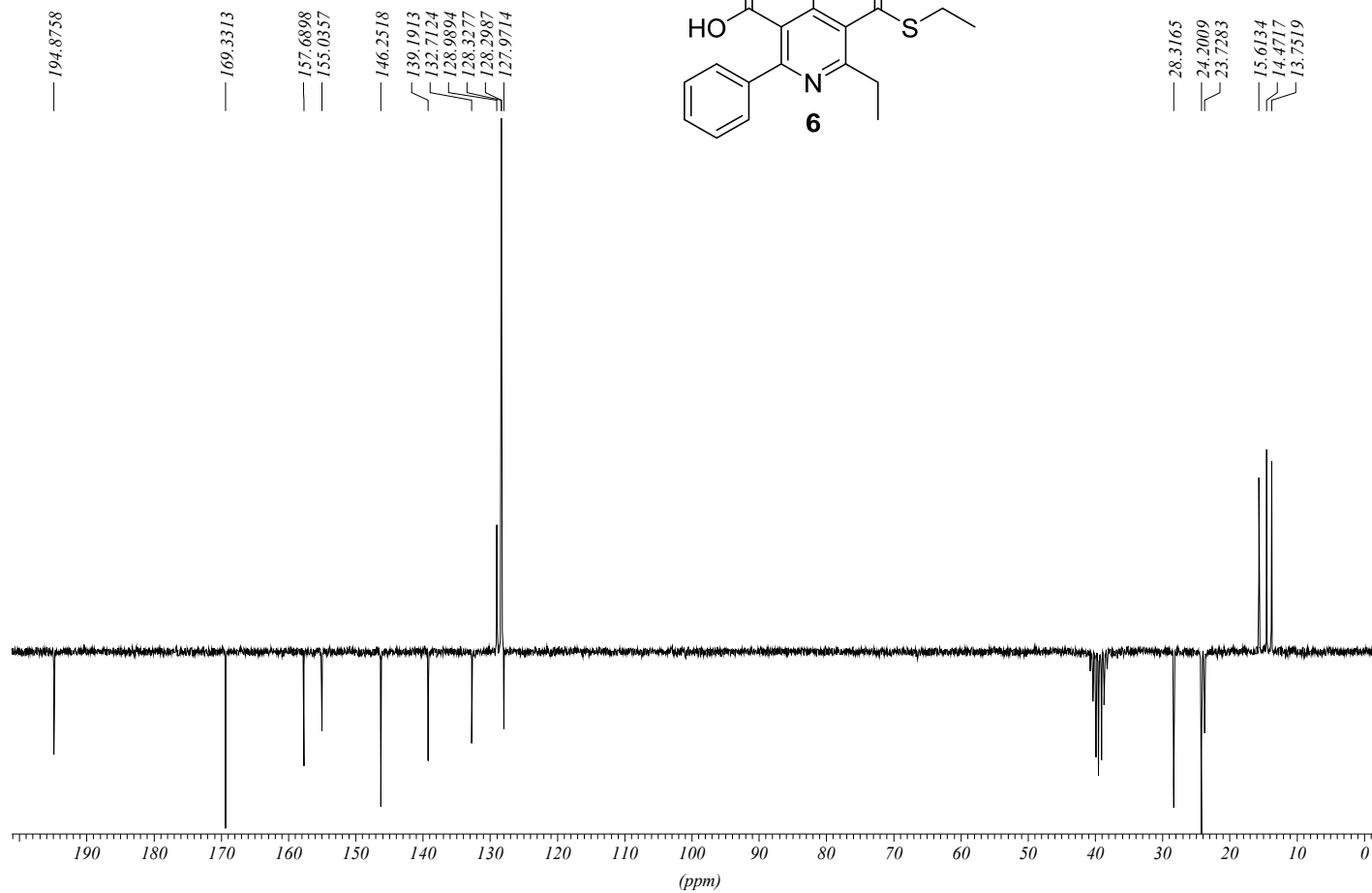


Figure S19. IR spectrum compound 6.

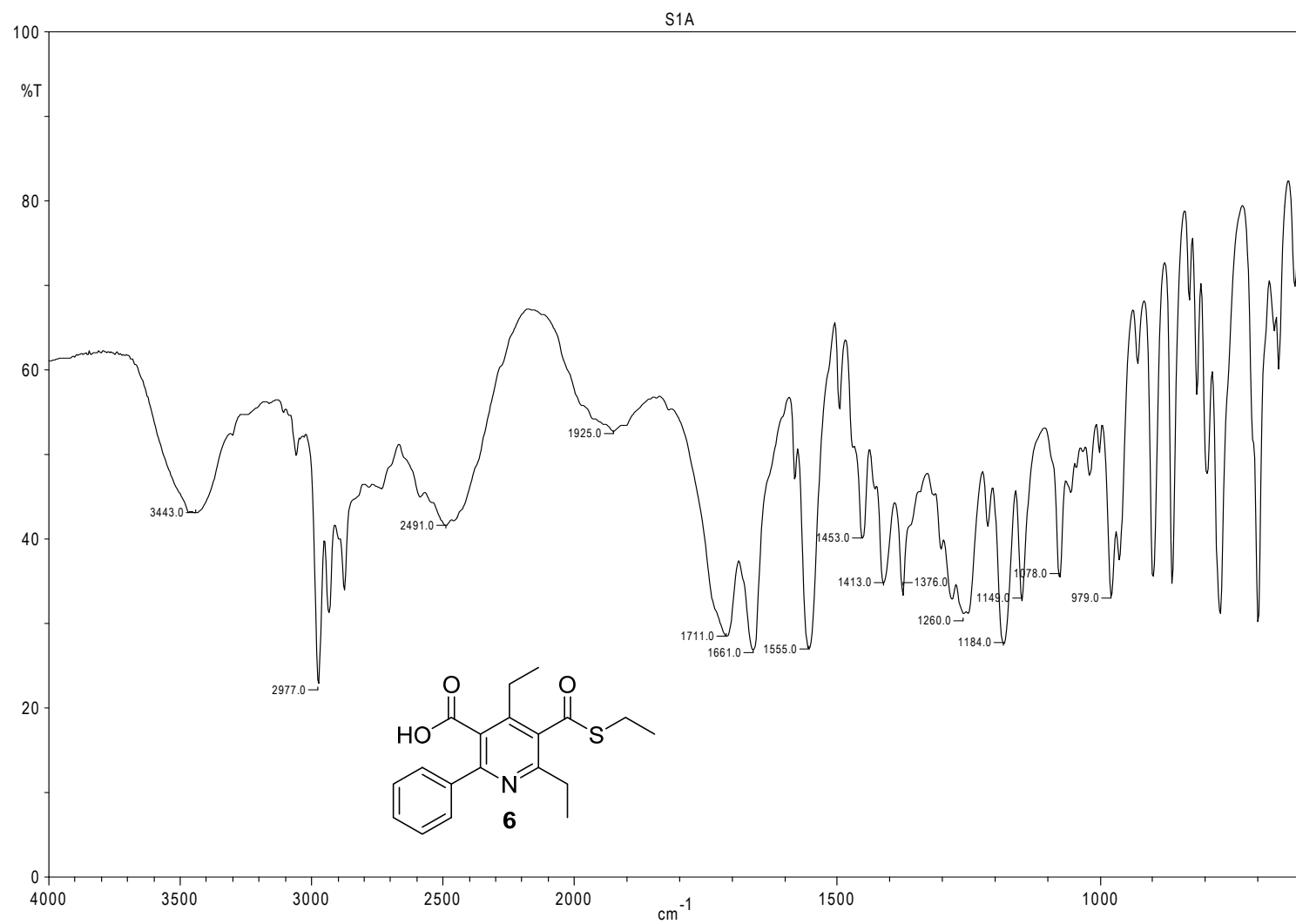


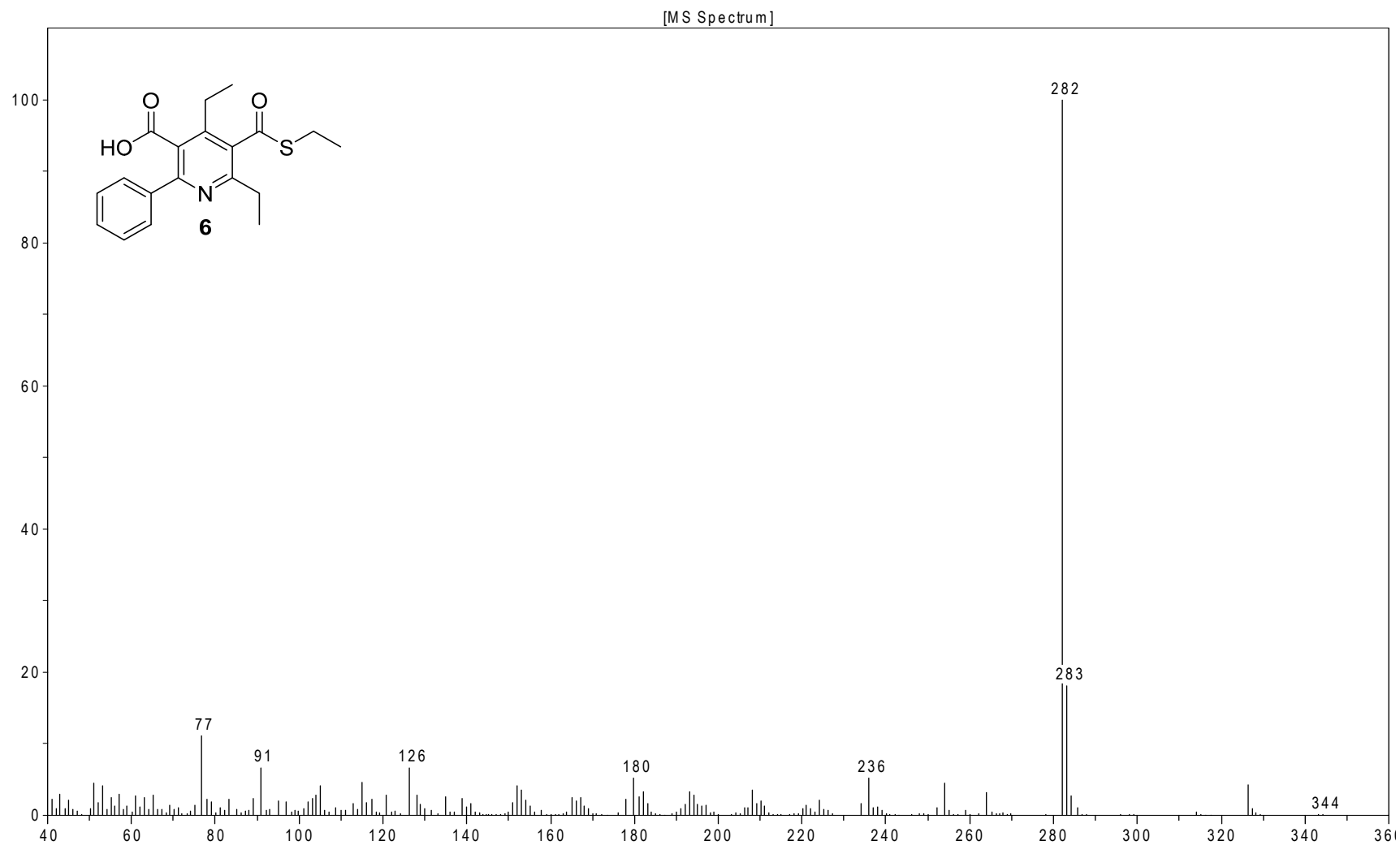
Figure S20. Mass spectrum compound **6**.

Figure S21. ^1H -NMR spectrum compound 7.

kss5 4,6-diethyl-5-((2-fluoroethylthio)carbonyl)-2-phenylnicotinic acid in DMSO 31/5/2007

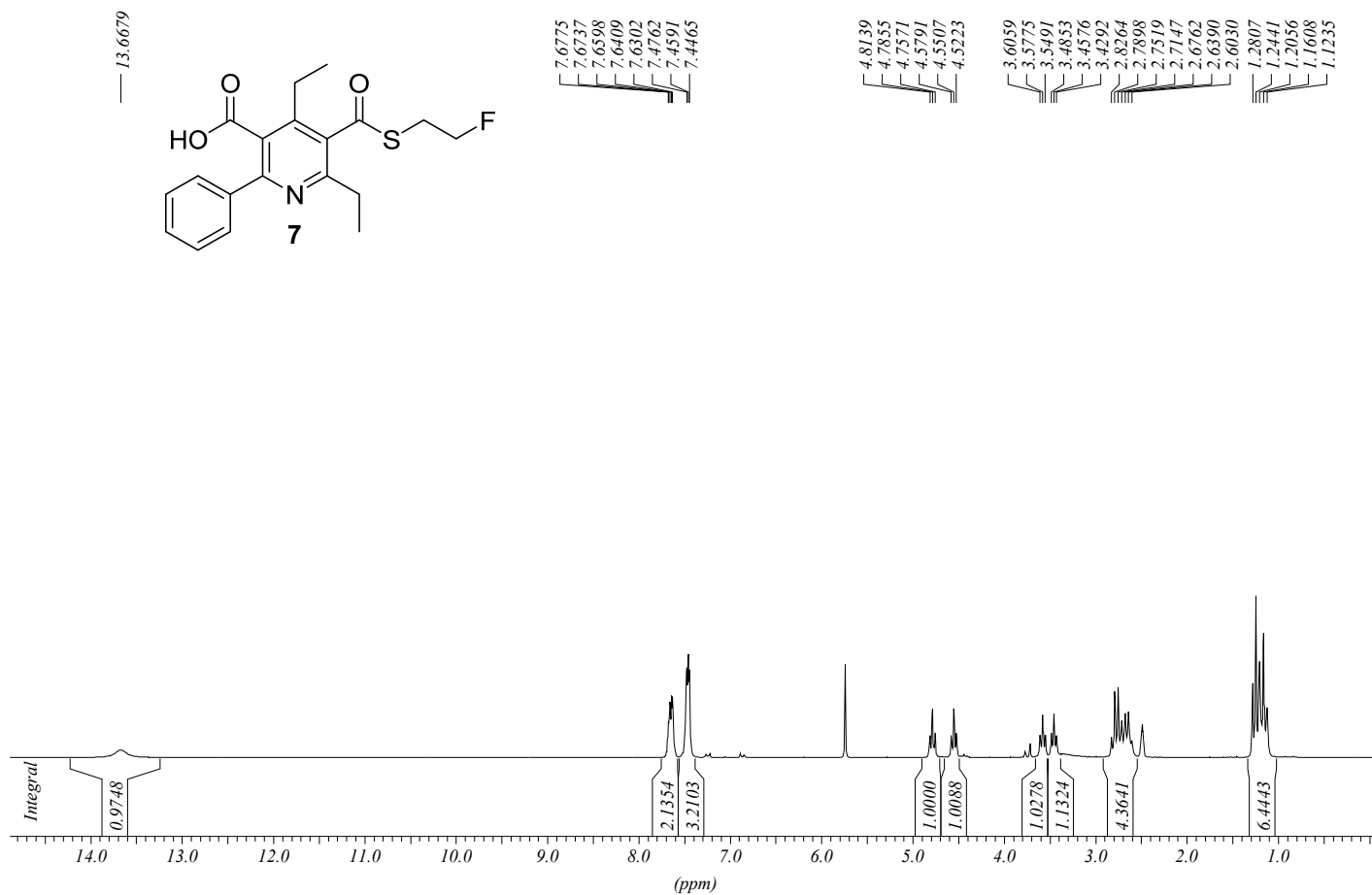


Figure S22. ^{13}C -NMR spectrum compound 7.

kss5 4,6-diethyl-5-((2-fluoroethylthio)carbonyl)-2-phenylnicotinic acid in DMSO 31/5/2007

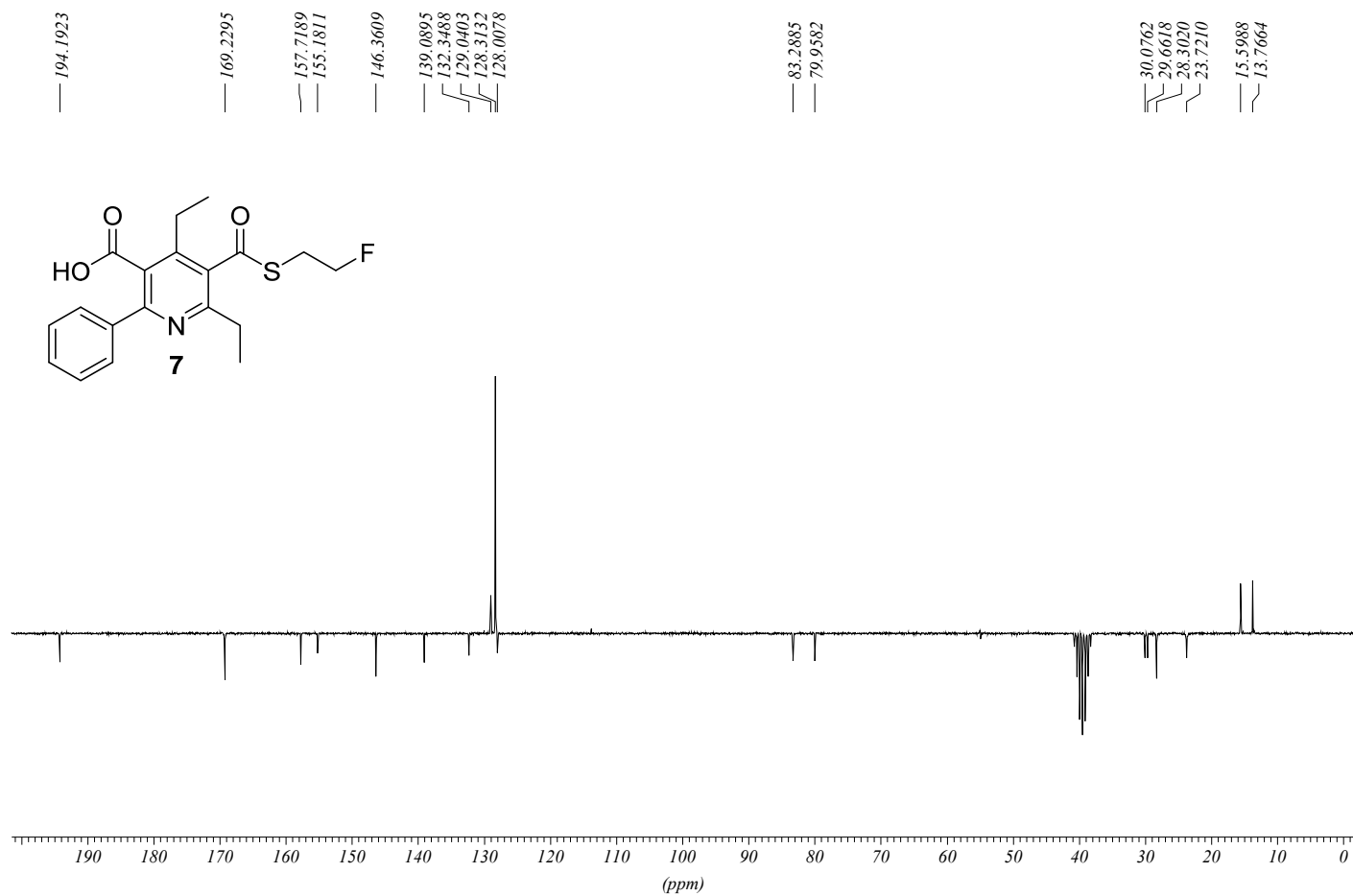


Figure S23. IR spectrum compound 7.

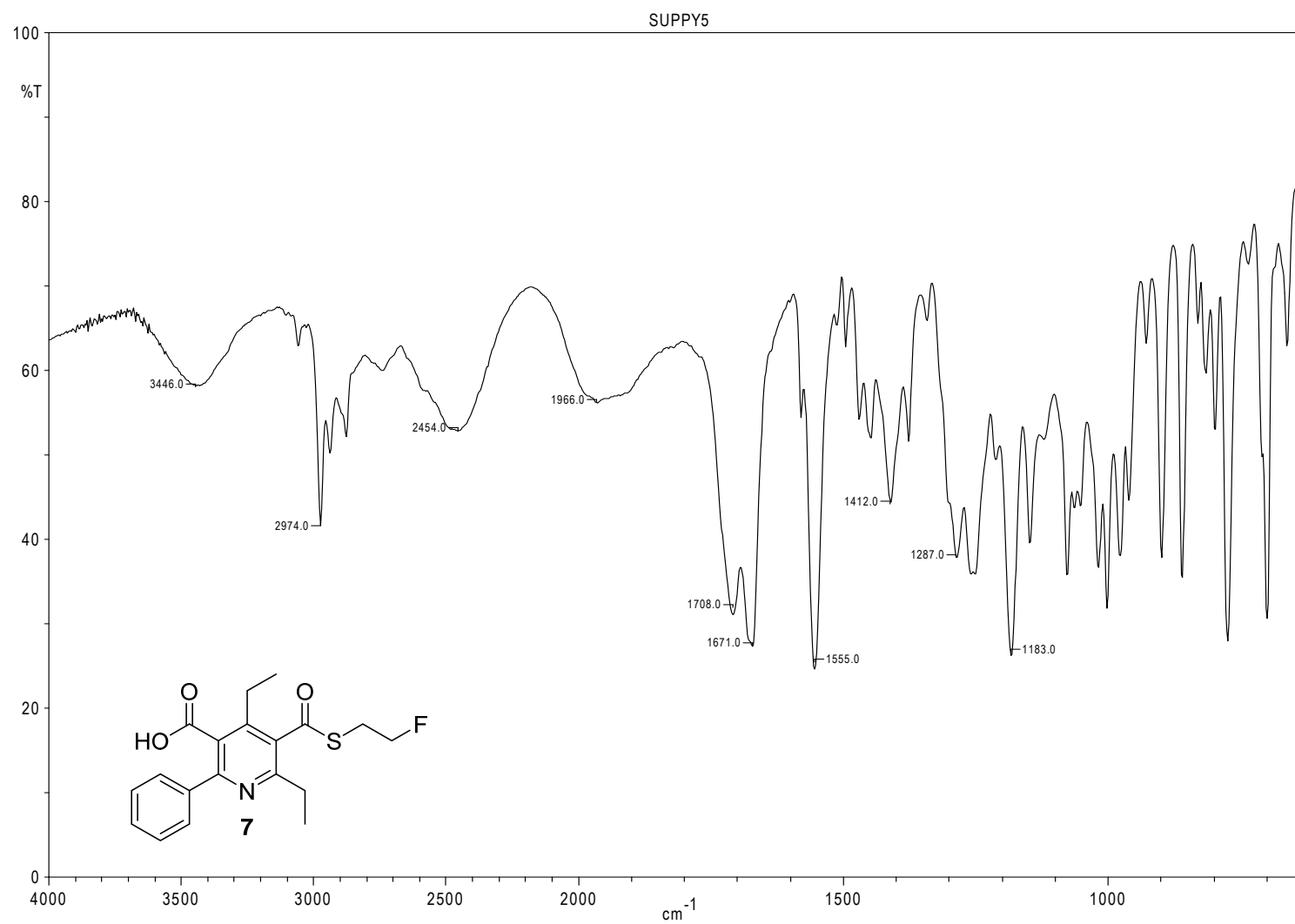


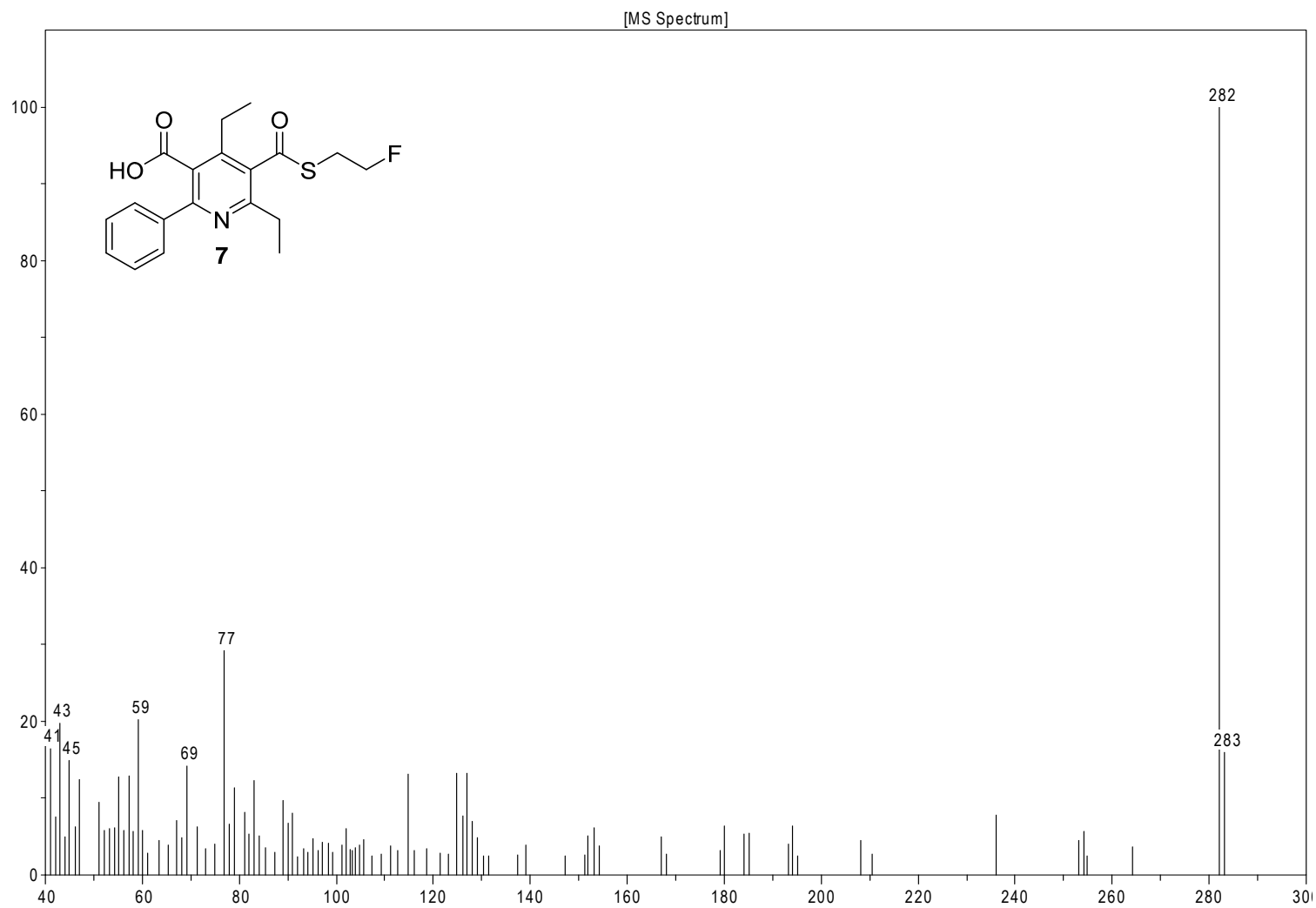
Figure S24. Mass spectrum compound 7.

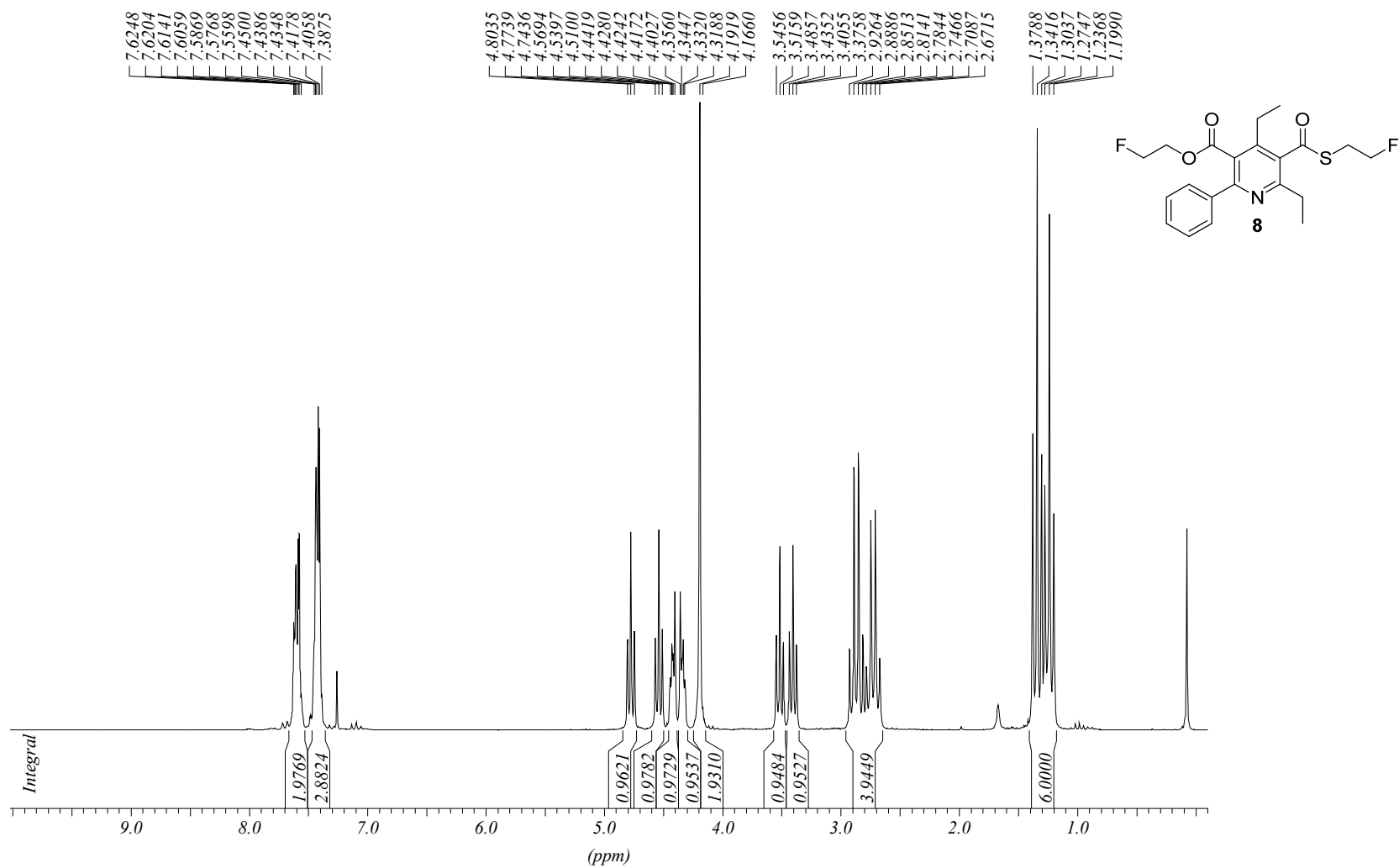
Figure S25. ^1H -NMR spectrum compound 8.

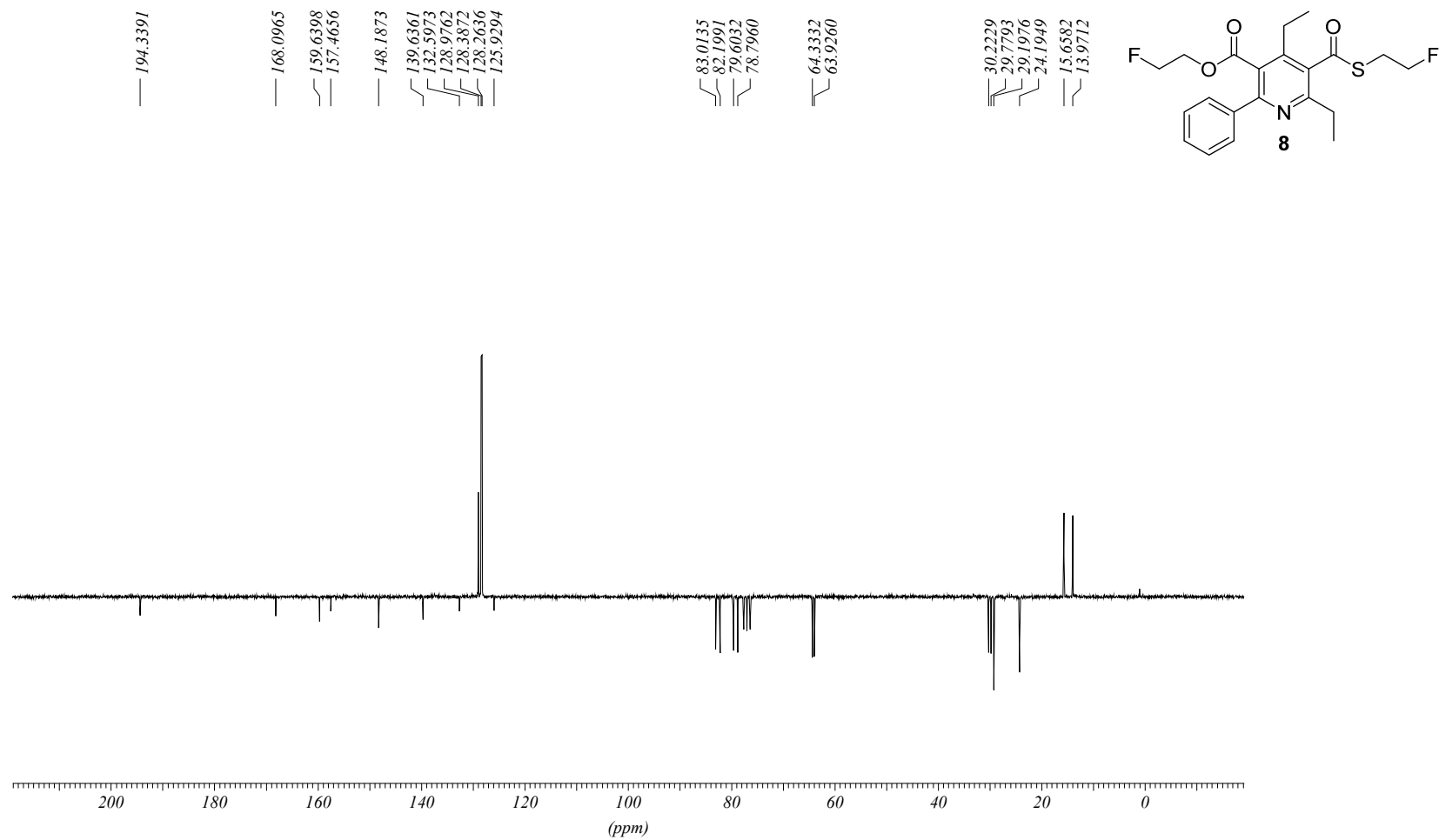
Figure S26. ^{13}C -NMR spectrum compound **8**.

Figure S27. IR spectrum compound 8.

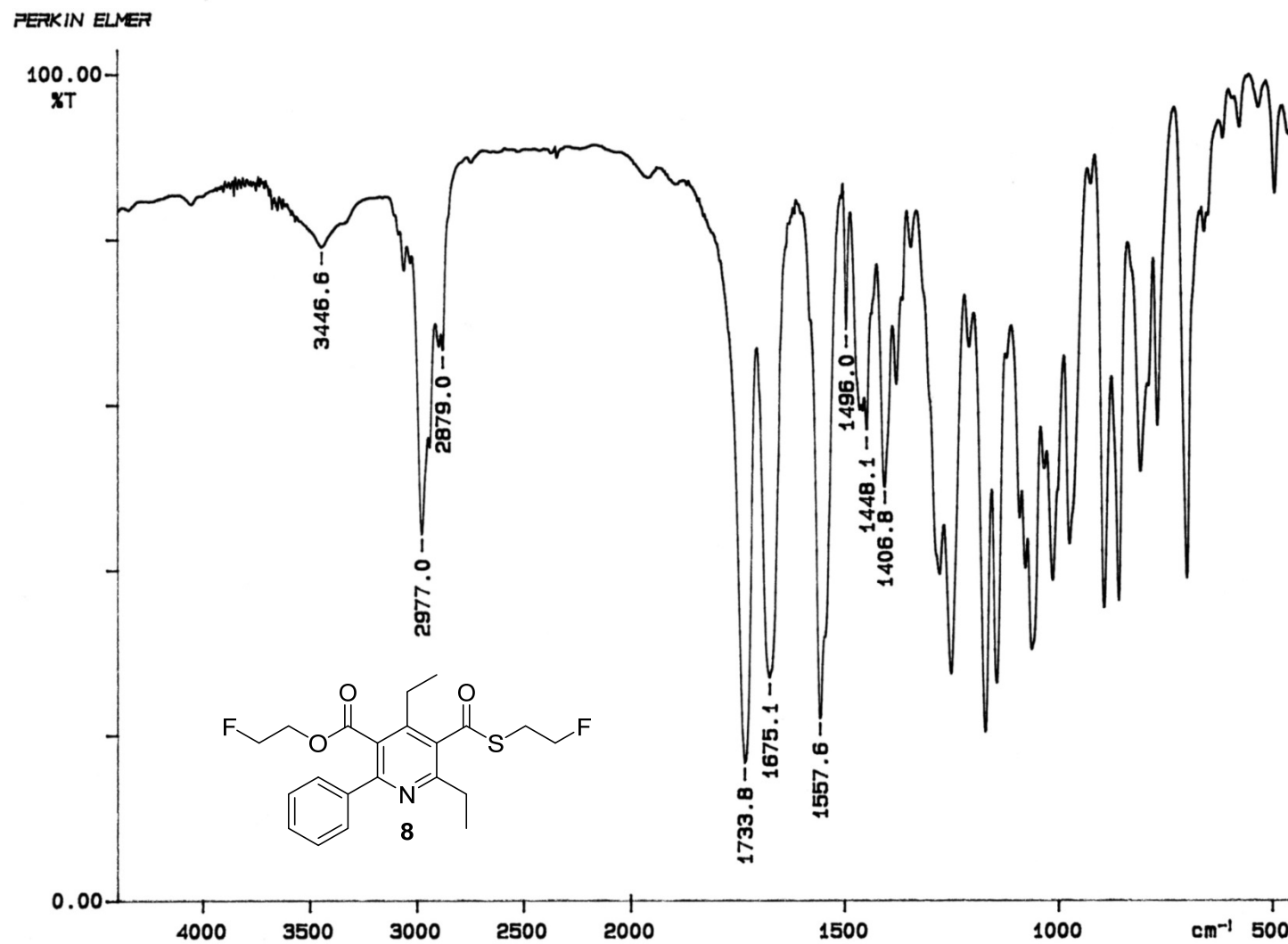


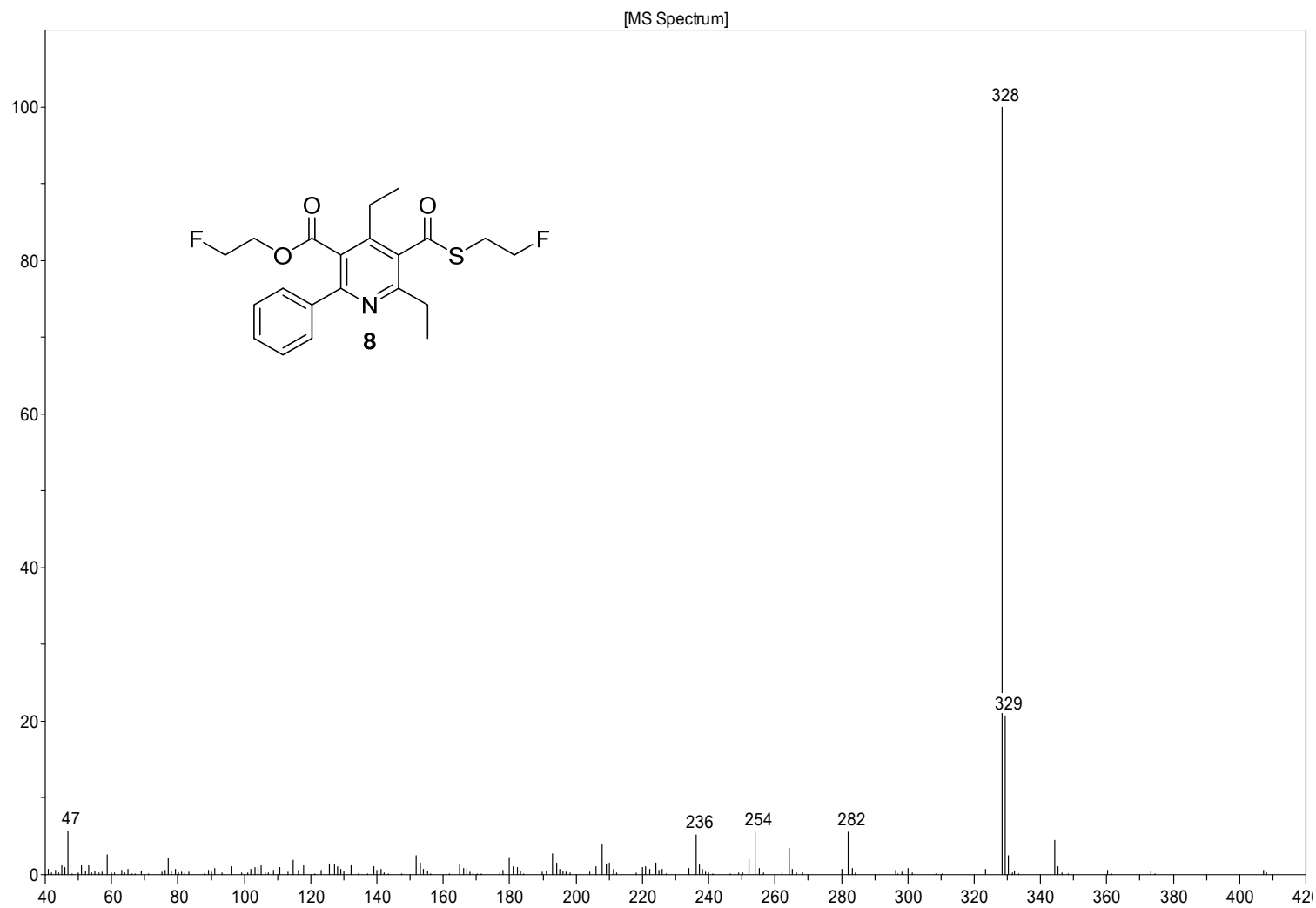
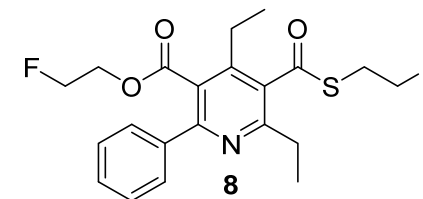
Figure S28. Mass spectrum compound **8**.

Figure S29. Mass spectrum compound 8



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Oper: phu Client: Nagel/Pharm Inlet :
Base: 408.2 Inten : 851245 Masses: 100 > 1298
Norm: 408.2 RIC : 1632384 #peaks: 1241
Peak: 1000.00 mmu
Data: AVER : Scans 1-10 from /usr/users/finnigan/data/36074_1.dat

