

Supplementary Information

Figure S1. The NMR spectrum of 3-acetoxy-7-aza-*B*-homcholest-4-en-6-one (**4**).

Figure S2. The NMR spectrum of 3-hydroxy-7-aza-*B*-homcholest-4-en-6-one (**5**).

Figure S3. The NMR spectrum of 7-aza-*B*-homcholest-4-en-3,6-dione (**6**).

Figure S4. The NMR spectrum of 3-hydroximino-7-aza-*B*-homcholest-4-en-6-one (**7**).

Figure S5. The NMR spectrum of 3-acetoxy-6-aza-*B*-homcholest-7-one (**9**).

Figure S6. The NMR spectrum of 3-hydroxy-6-aza-*B*-homcholest-7-one (**10**).

Figure S7. The NMR spectrum of 6-aza-*B*-homcholest-3,7-dione (**11**).

Figure S8. The NMR spectrum of 3-*O*-methyloximino-6-aza-*B*-homcholest-7-one (**13**).

Figure S9. The NMR spectrum of 3-*O*-benzyloximino-6-aza-*B*-homcholest-7-one (**14**).

Figure S10. The NMR spectrum of 6-aza-7-oxo-*B*-homcholest-3-thiosemicarbazone (**15**).

Figure S11. The NMR spectrum of 3-acetoxy-7a-aza-*B*-homcholest-5-en-7-one (**17**).

Figure S12. The NMR spectrum of 3-hydroxy-7a-aza-*B*-homcholest-5-en-7-one (**18**).

Figure S13. The NMR spectrum of 7a-aza-*B*-homcholest-4-en-3,7-dione (**19**).

Figure S14. The NMR spectrum of 7-oxo-7a-aza-*B*-homcholest-4-en-3-thiosemicarbazone (**21**).

Figure S1. The NMR spectrum of 3-acetoxy-7-aza-*B*-homcholest-4-en-6-one (**4**).

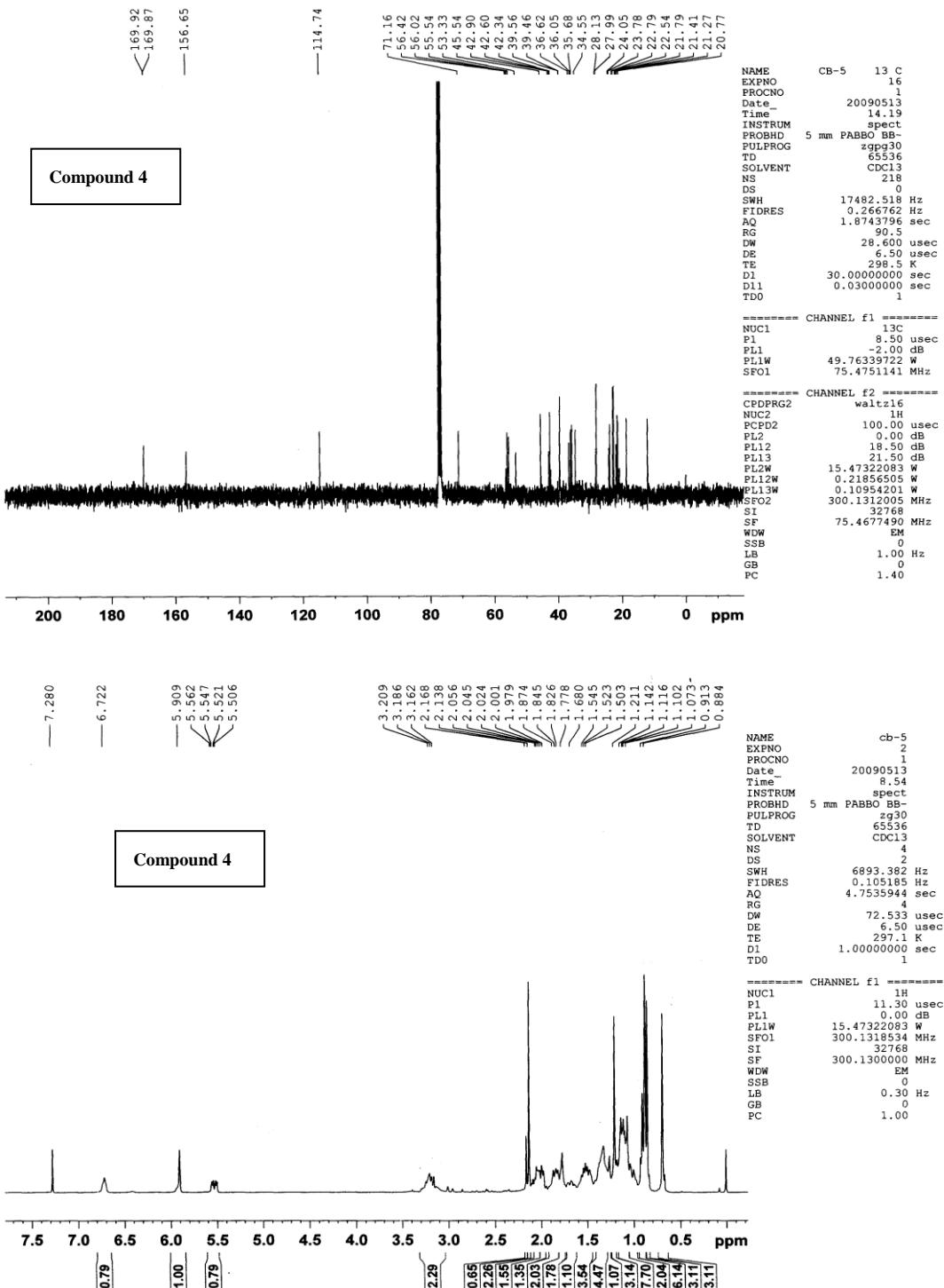


Figure S2. The NMR spectrum of 3-hydroxy-7-aza-*B*-homocholest-4-en-6-one (**5**).

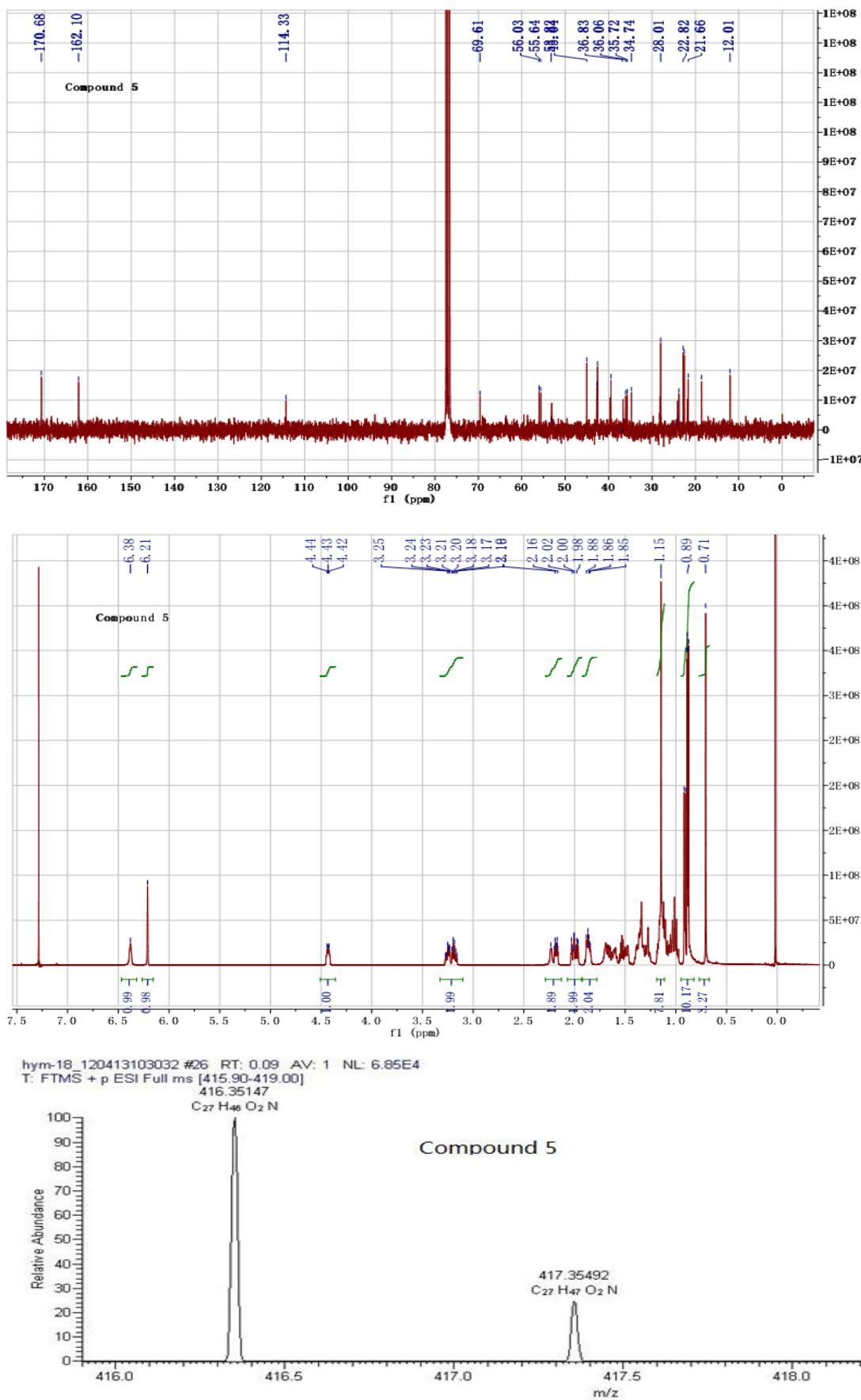


Figure S3. The NMR spectrum of 7-aza-*B*-homocholest-4-en-3,6-dione (**6**).

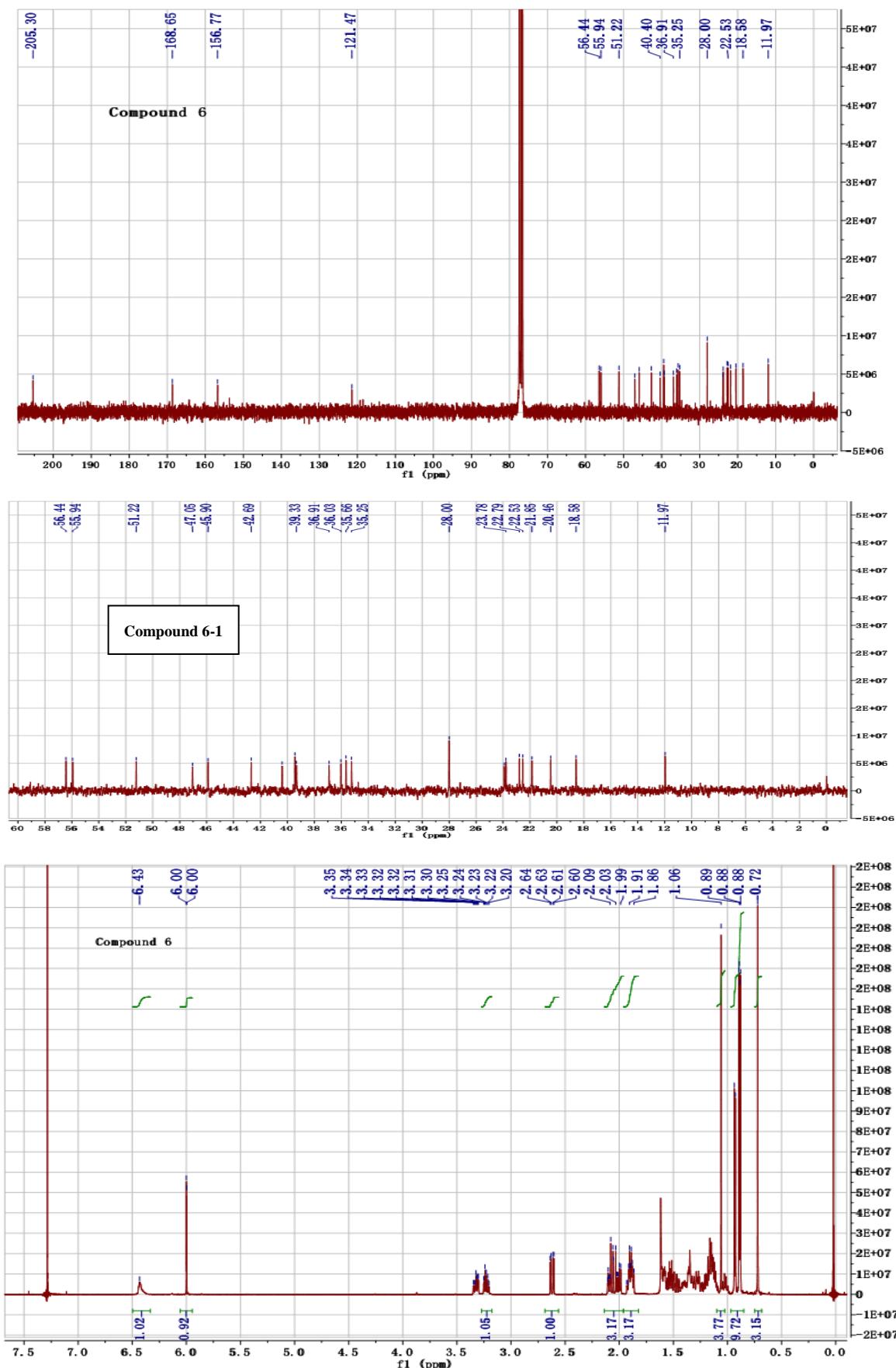


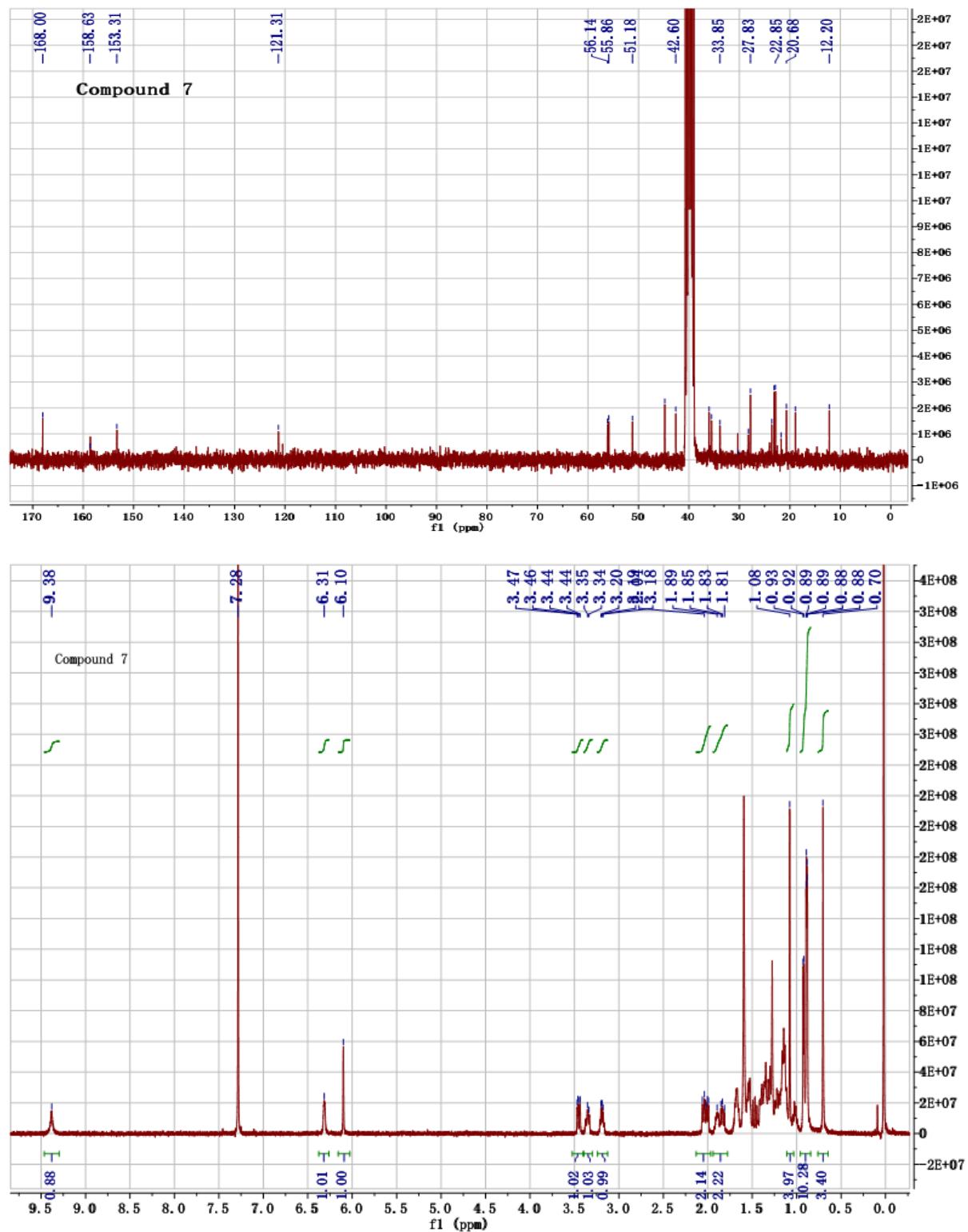
Figure S4. The NMR spectrum of 3-hydroximino-7-aza-B-homocholest-4-en-6-one (7).

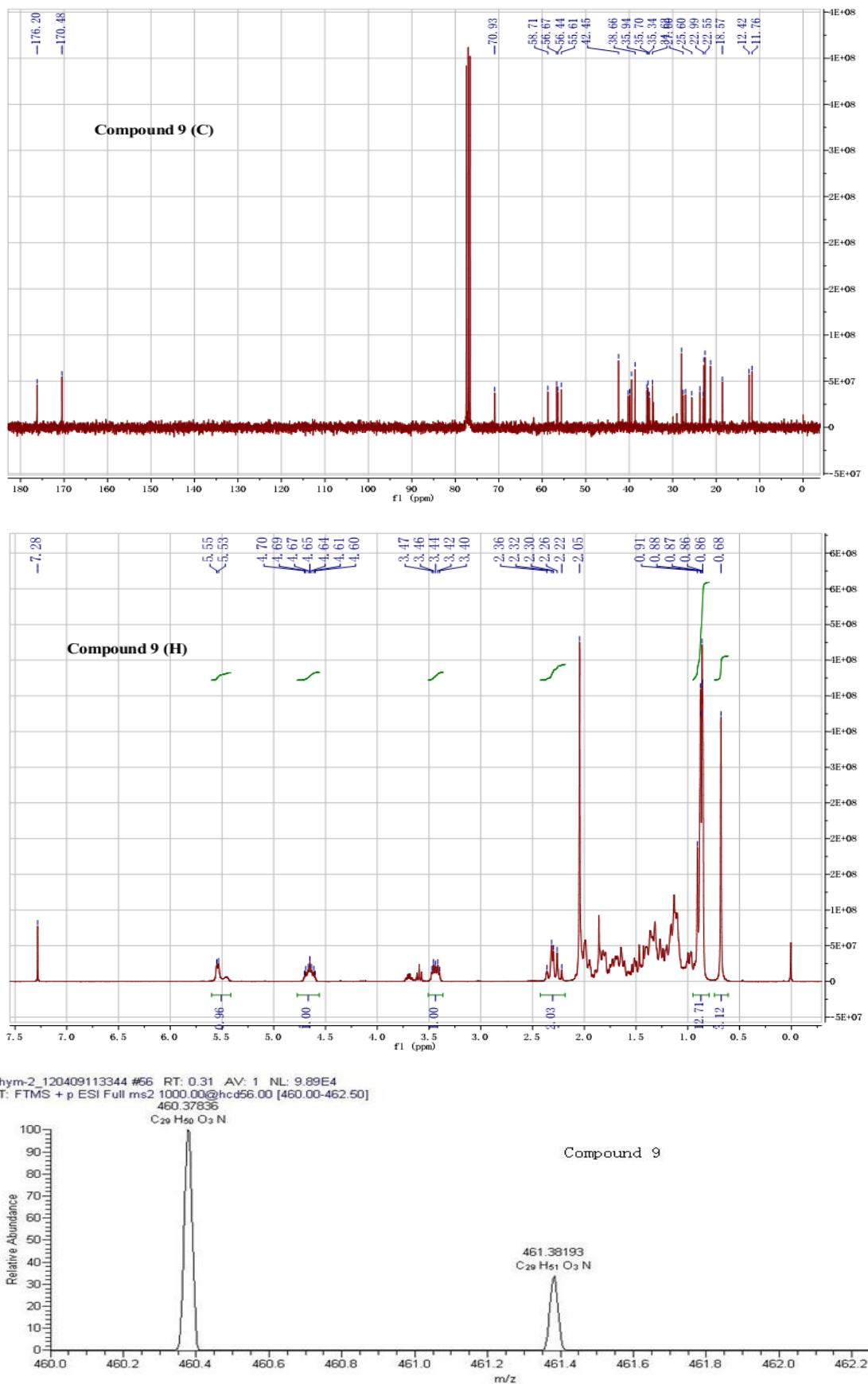
Figure S5. The NMR spectrum of 3-acetoxy-6-aza-*B*-homocholest-7-one (**9**).

Figure S6. The NMR spectrum of 3-hydroxy-6-aza-*B*-homocholest-7-one (**10**).

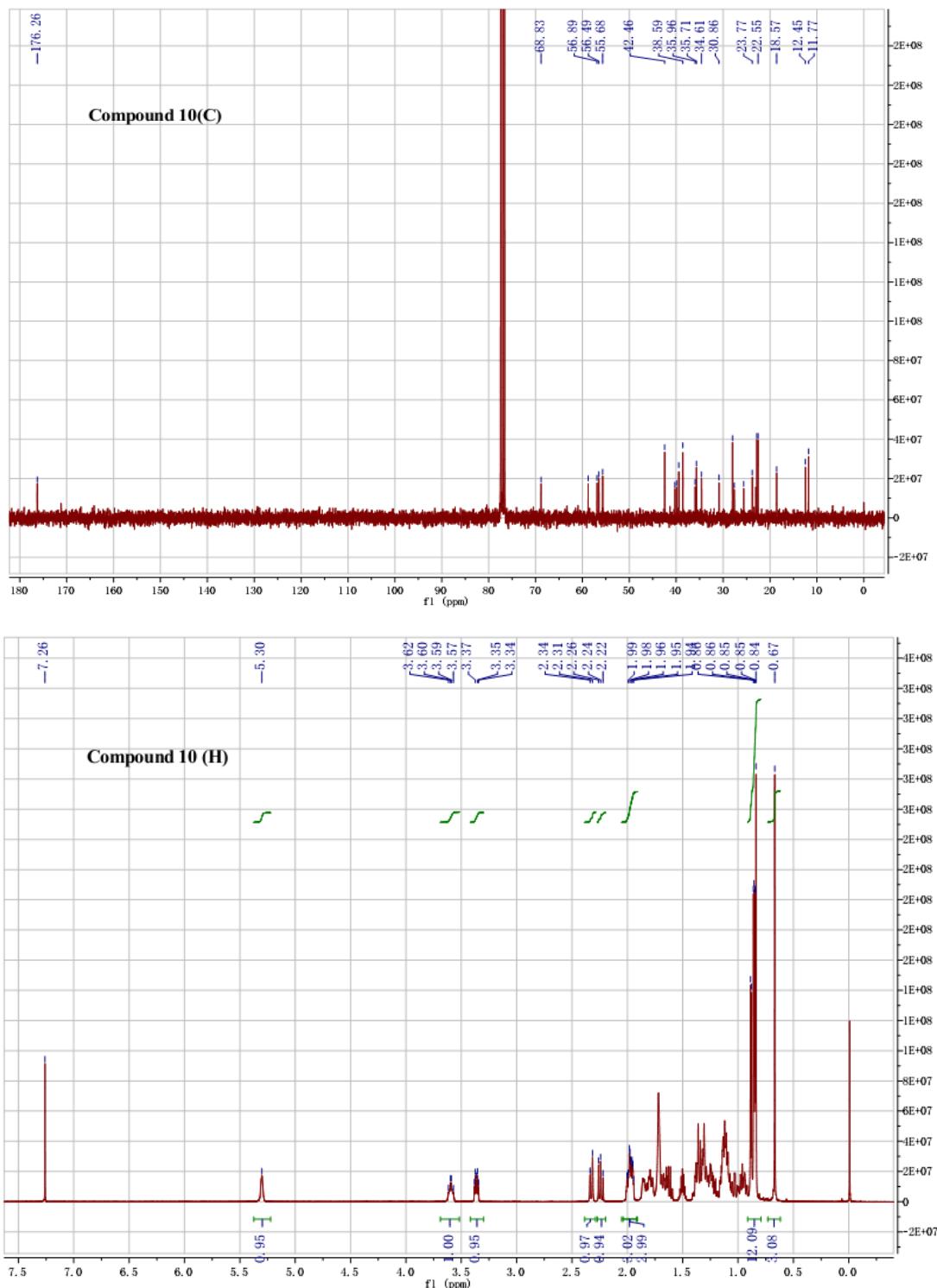


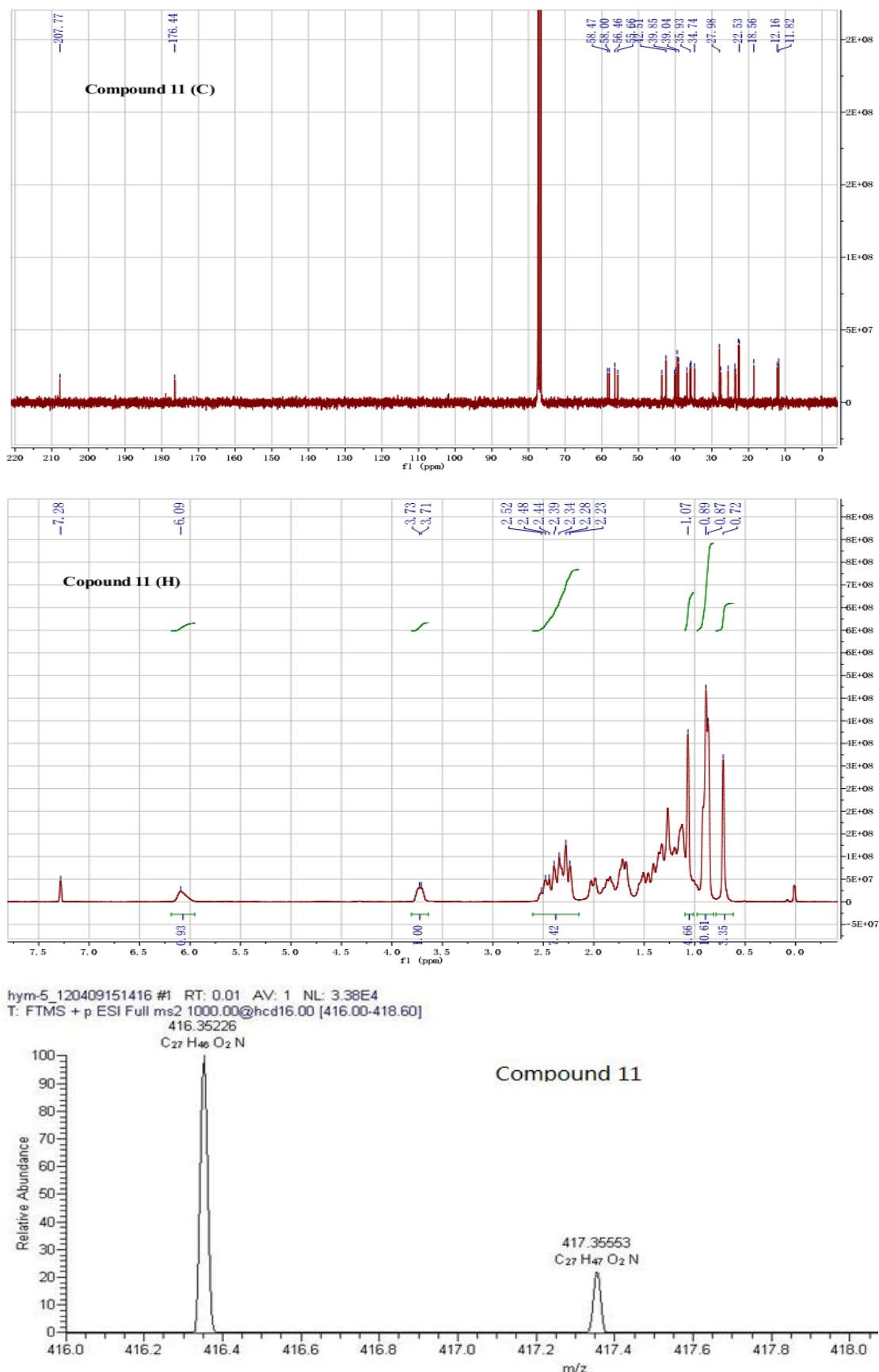
Figure S7. The NMR spectrum of 6-aza-*B*-homcholest-3,7-dione (**11**).

Figure S8. The NMR spectrum of 3-*O*-methyloximino-6-aza-*B*-homcholest-7-one (**13**).

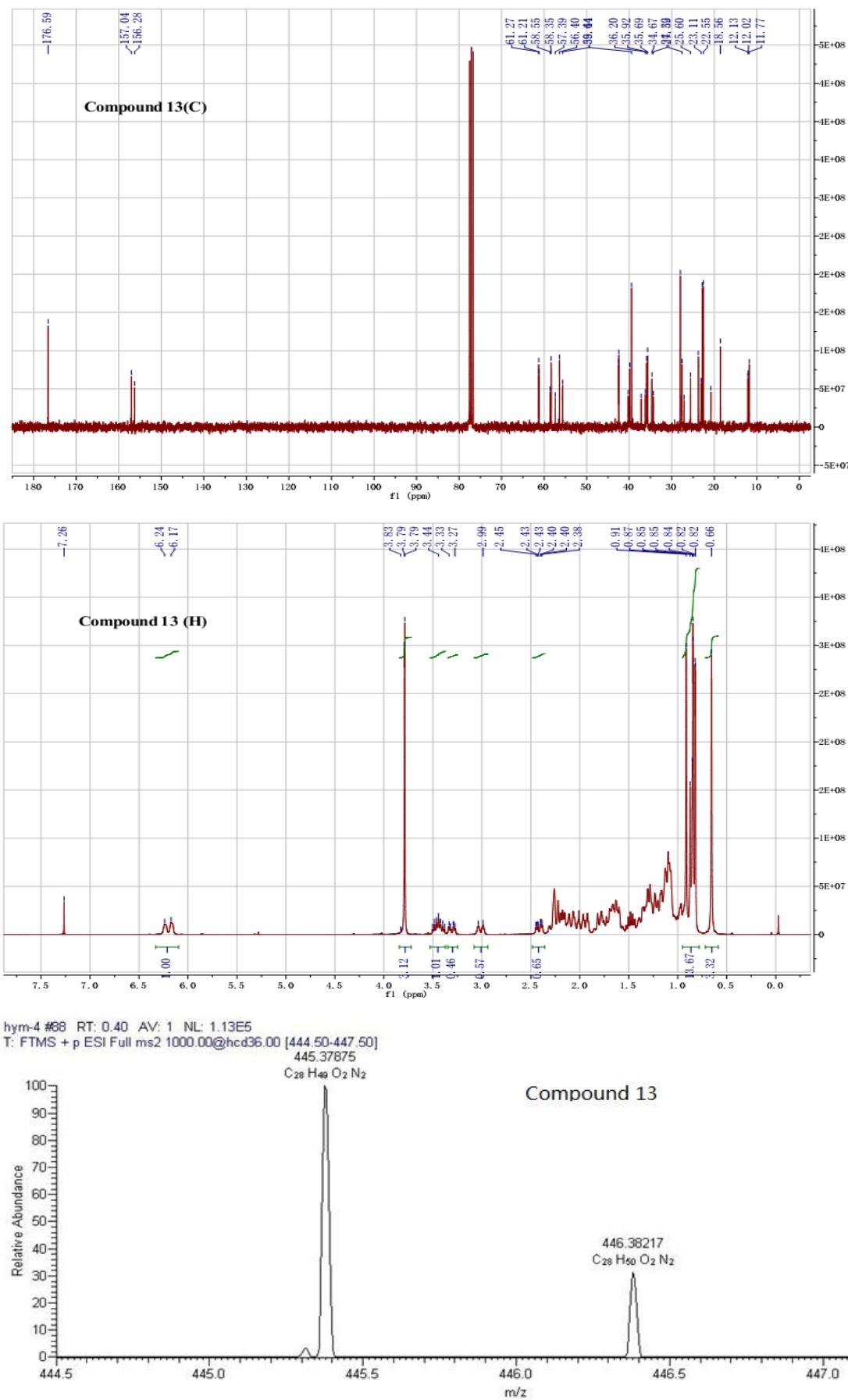


Figure S9. The NMR spectrum of 3-*O*-benzyloximino-6-aza-*B*-homcholest-7-one (**14**).

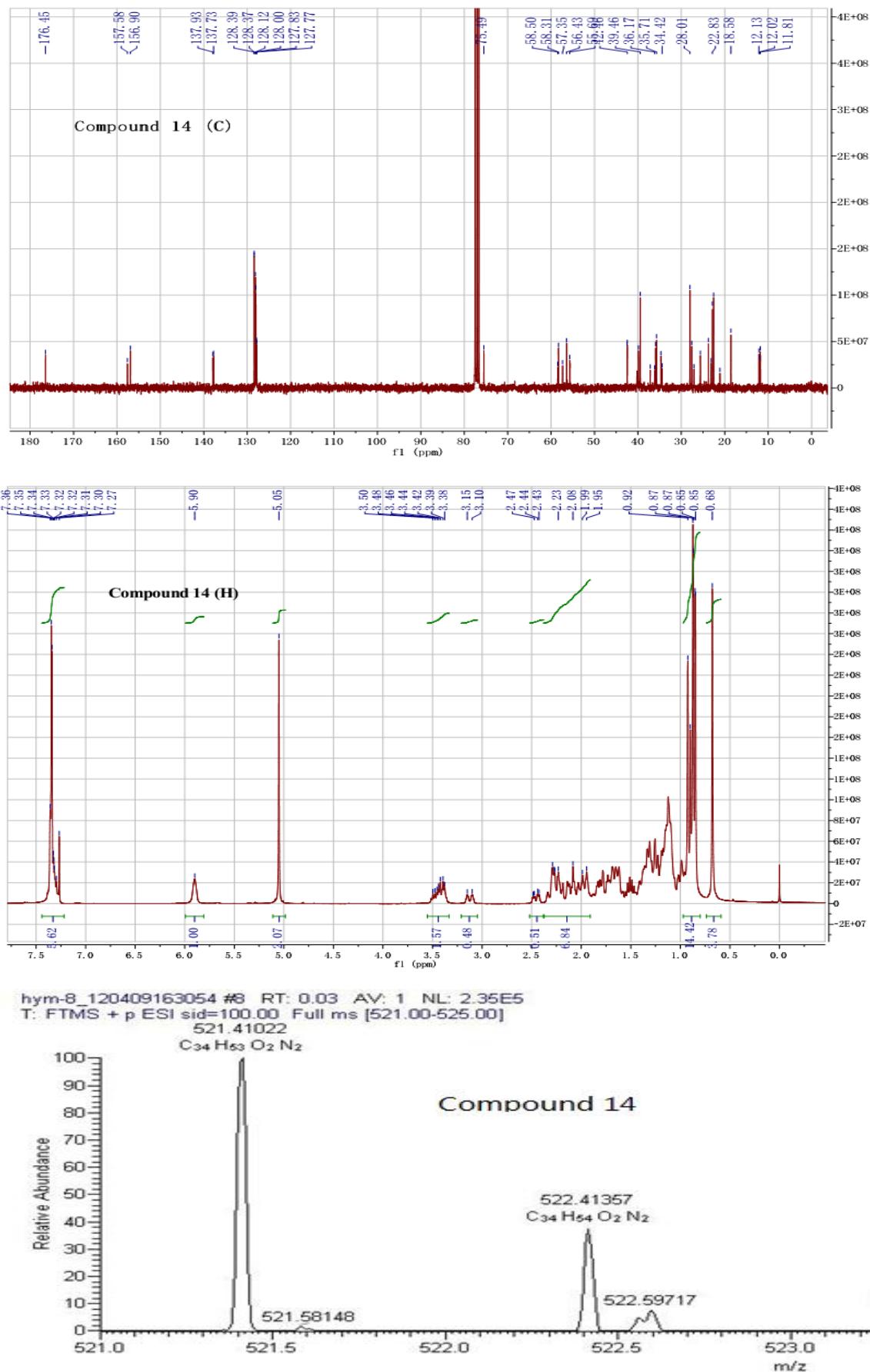


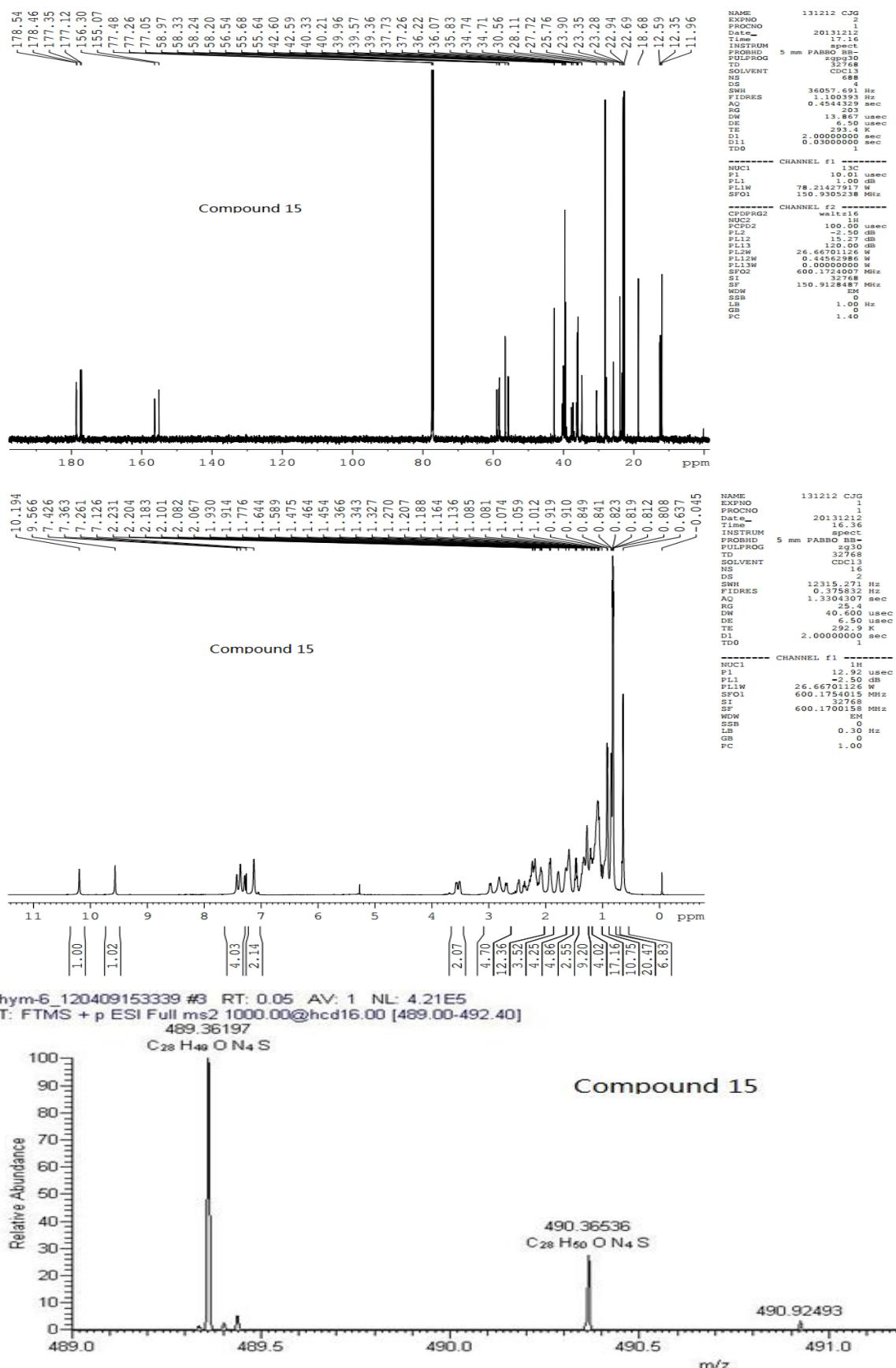
Figure S10. The NMR spectrum of 6-aza-7-oxo-*B*-homocholest-3-thiosemicarbazone (**15**).

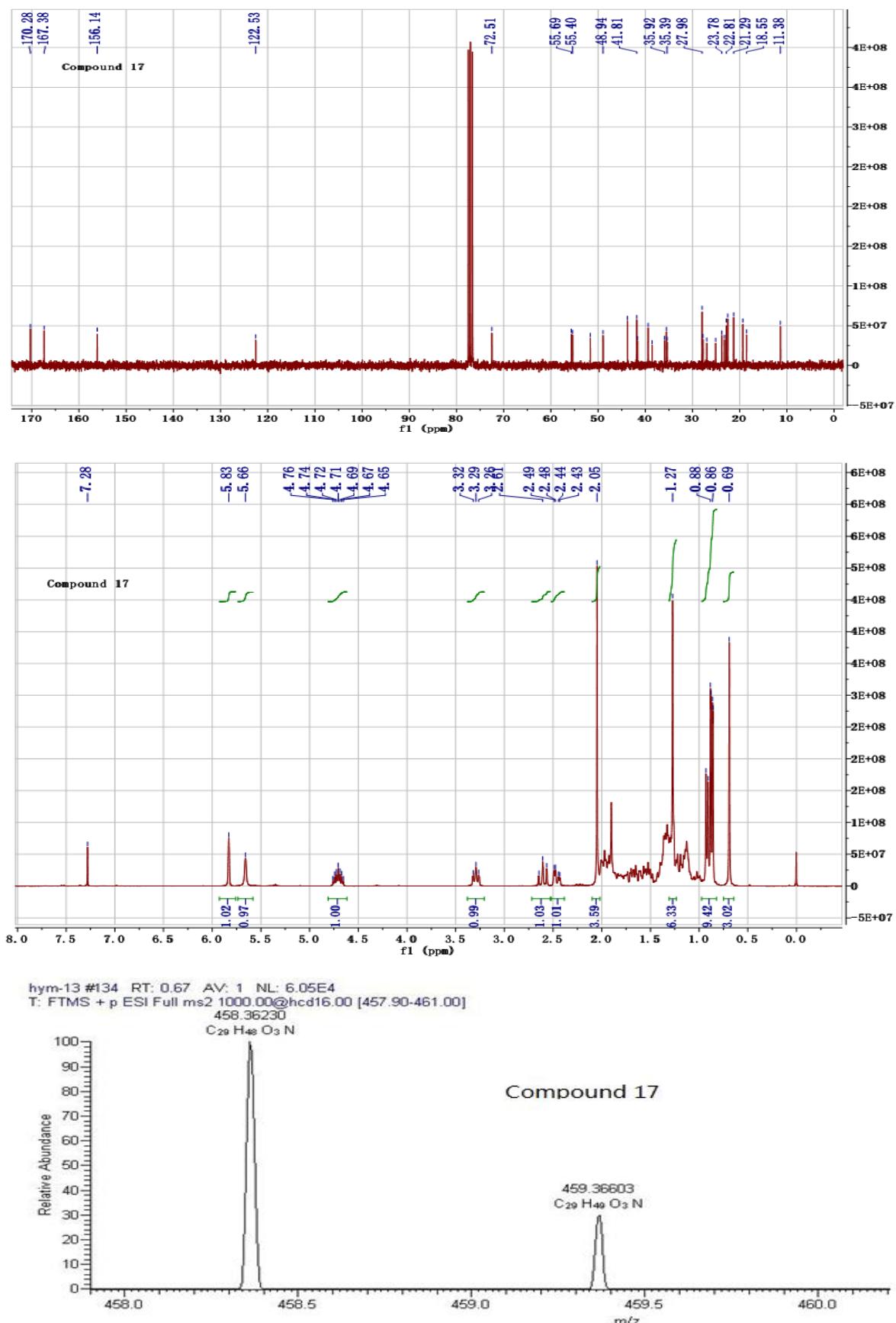
Figure S11. The NMR spectrum of 3-acetoxy-7a-aza-B-homocholest-5-en-7-one (**17**).

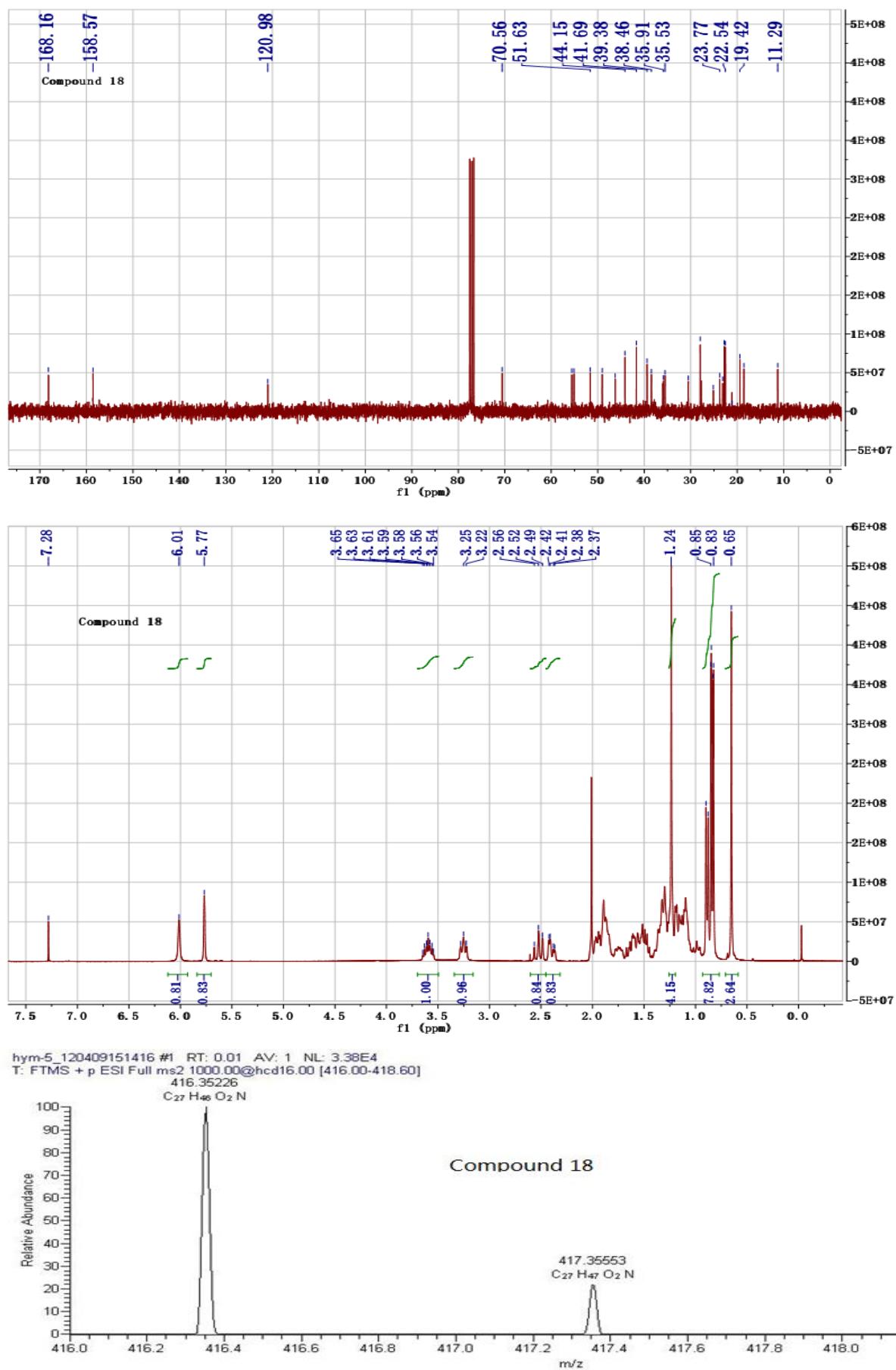
Figure S12. The NMR spectrum of 3-hydroxy-7a-aza-B-homocholest-5-en-7-one (**18**).

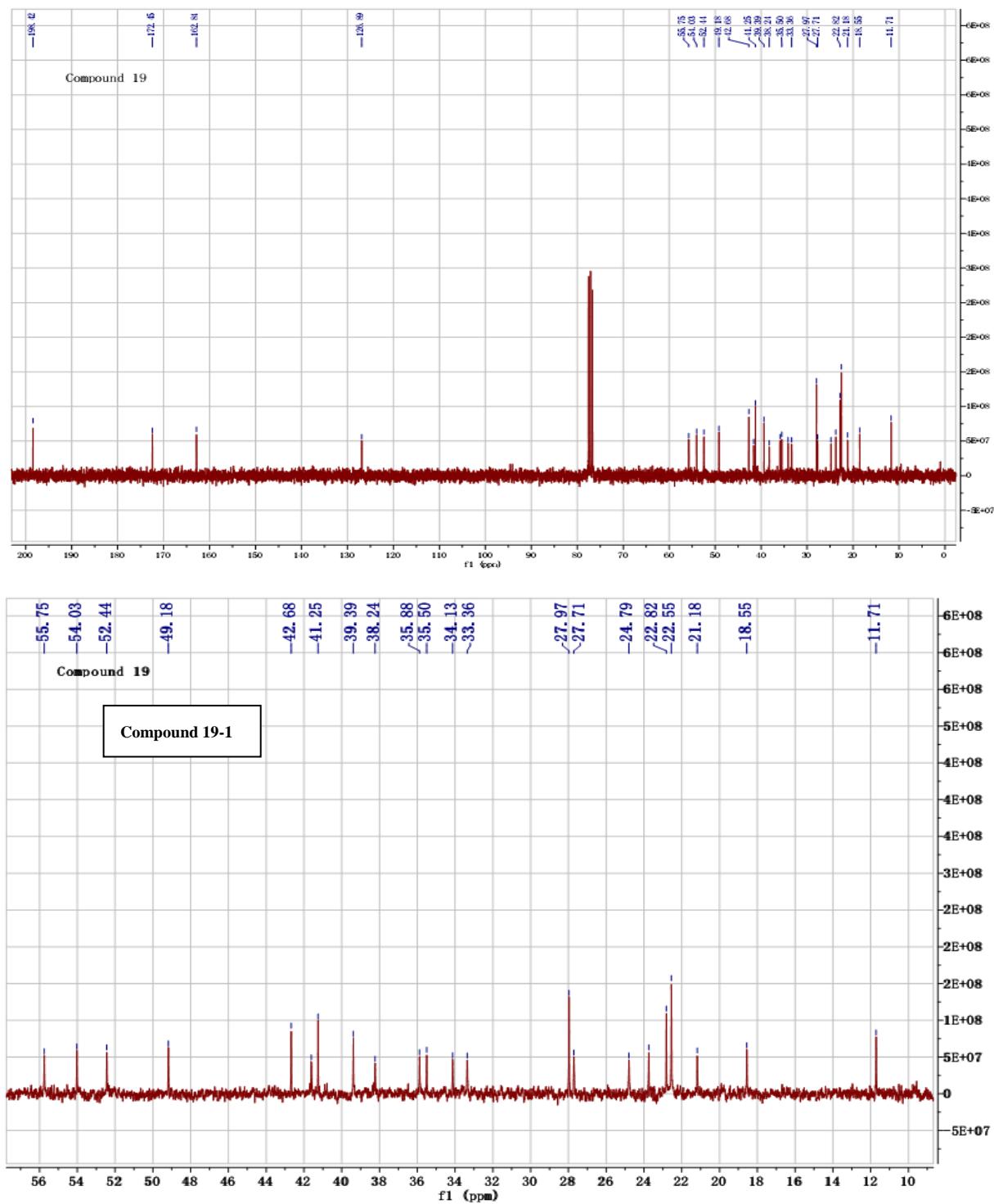
Figure S13. The NMR spectrum of 7a-aza-*B*-homocholest-4-en-3,7-dione (**19**).

Figure S13. Cont.

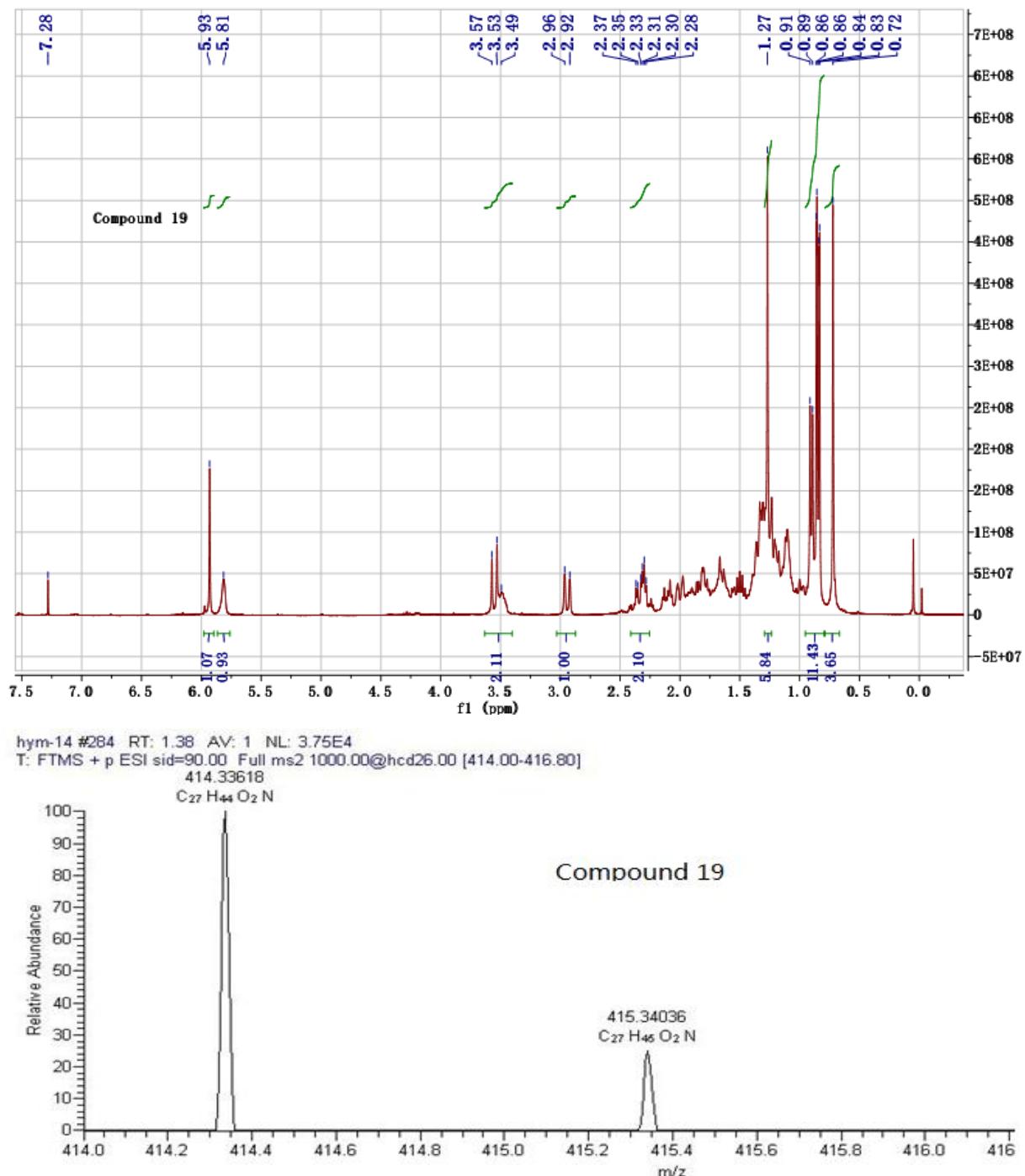


Figure S14. The NMR spectrum of 7-oxo-7a-aza-B-homocholest-4-en-3-thiosemicarbazone (21).