

Supplementary Material

An efficient and recyclable L-proline triflate ionic liquid catalyst for one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones via the multi-component Biginelli reaction

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¹ H and ¹³ C NMR spectra	S2
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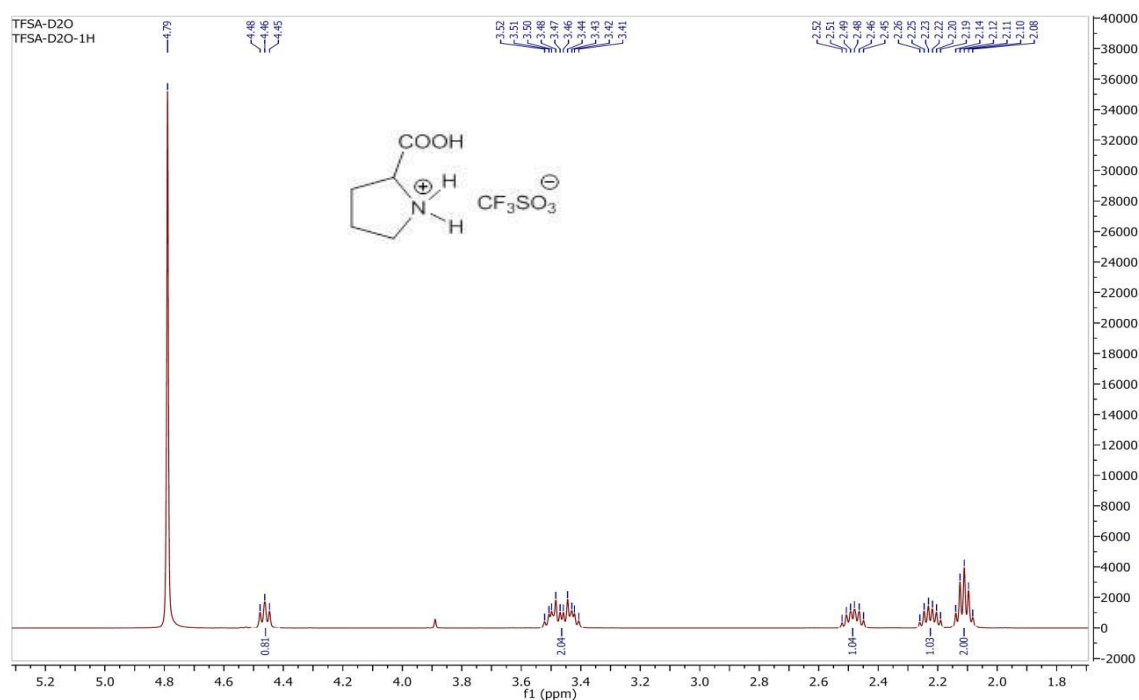
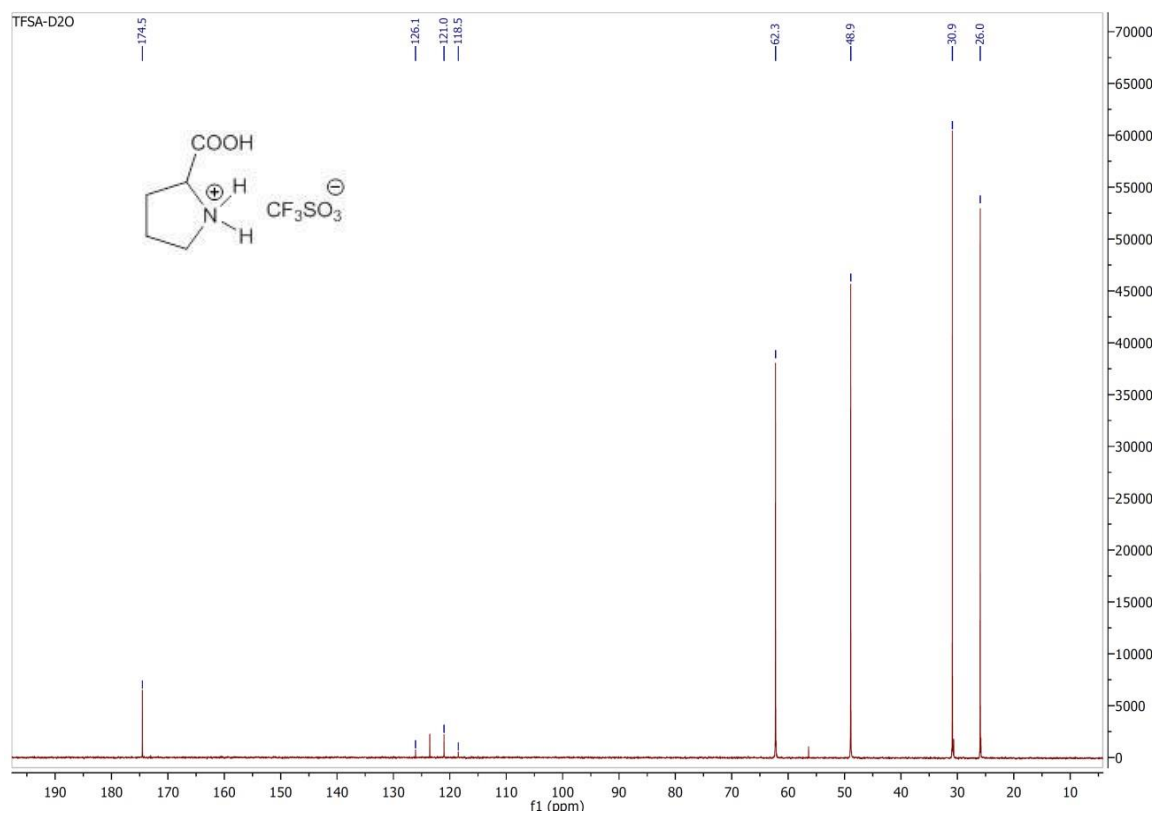


Figure S2. ^1H NMR, ^{13}C NMR of L-Proline triflate (3).



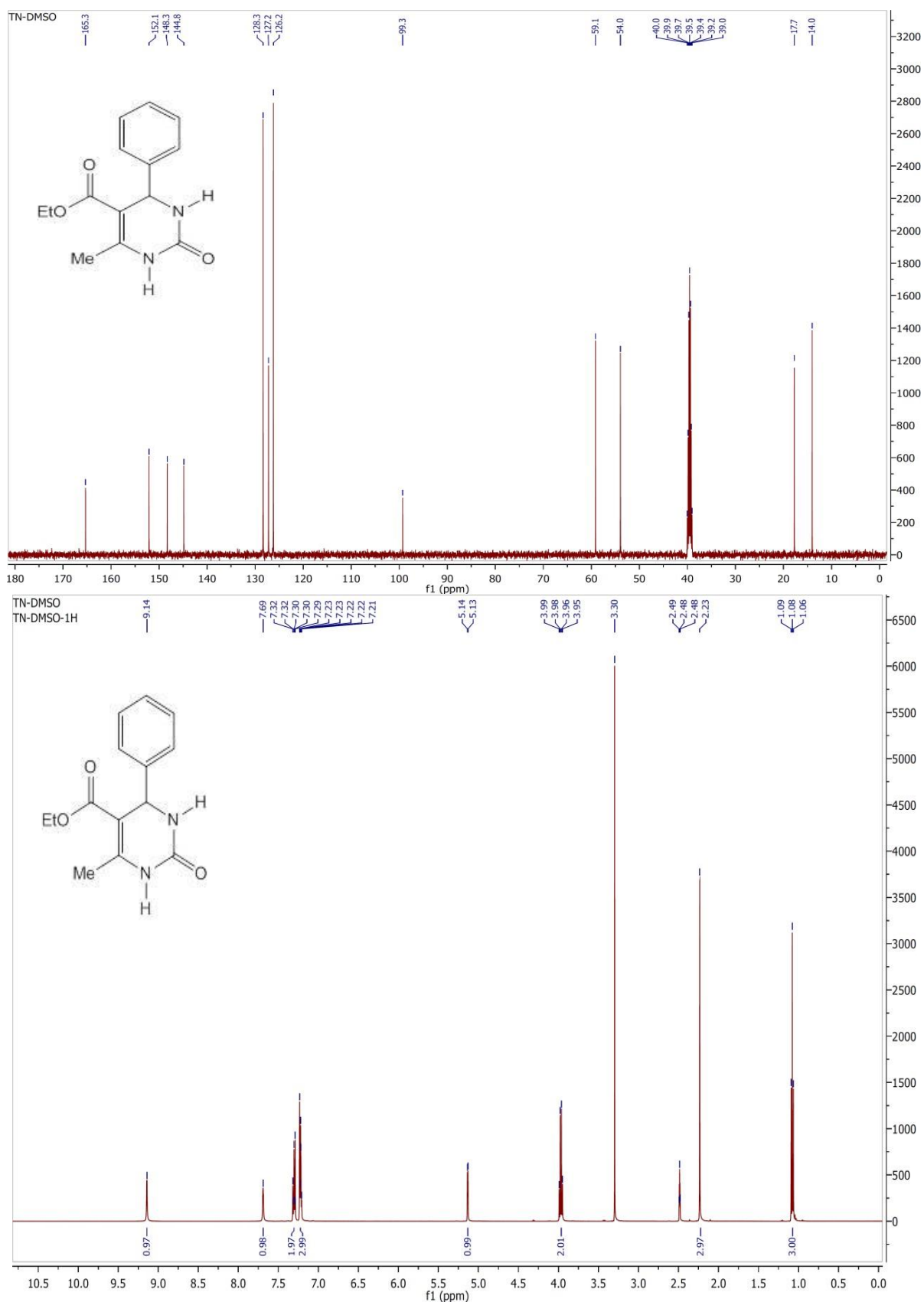


Figure S3. ¹H NMR, ¹³C NMR of 5-ethoxycarbonyl-4-phenyl-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7a**).

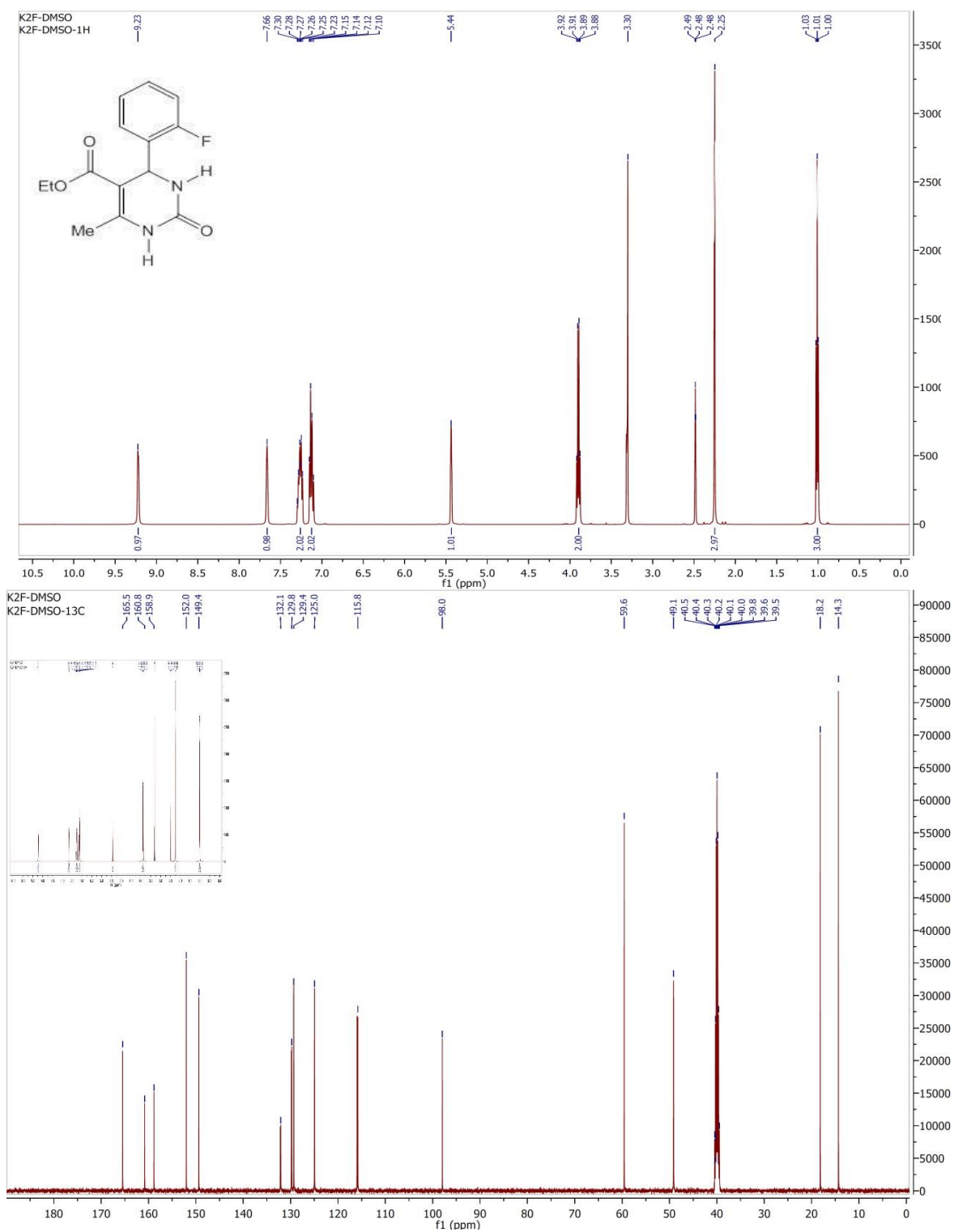


Figure S4. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-fluorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (7b).

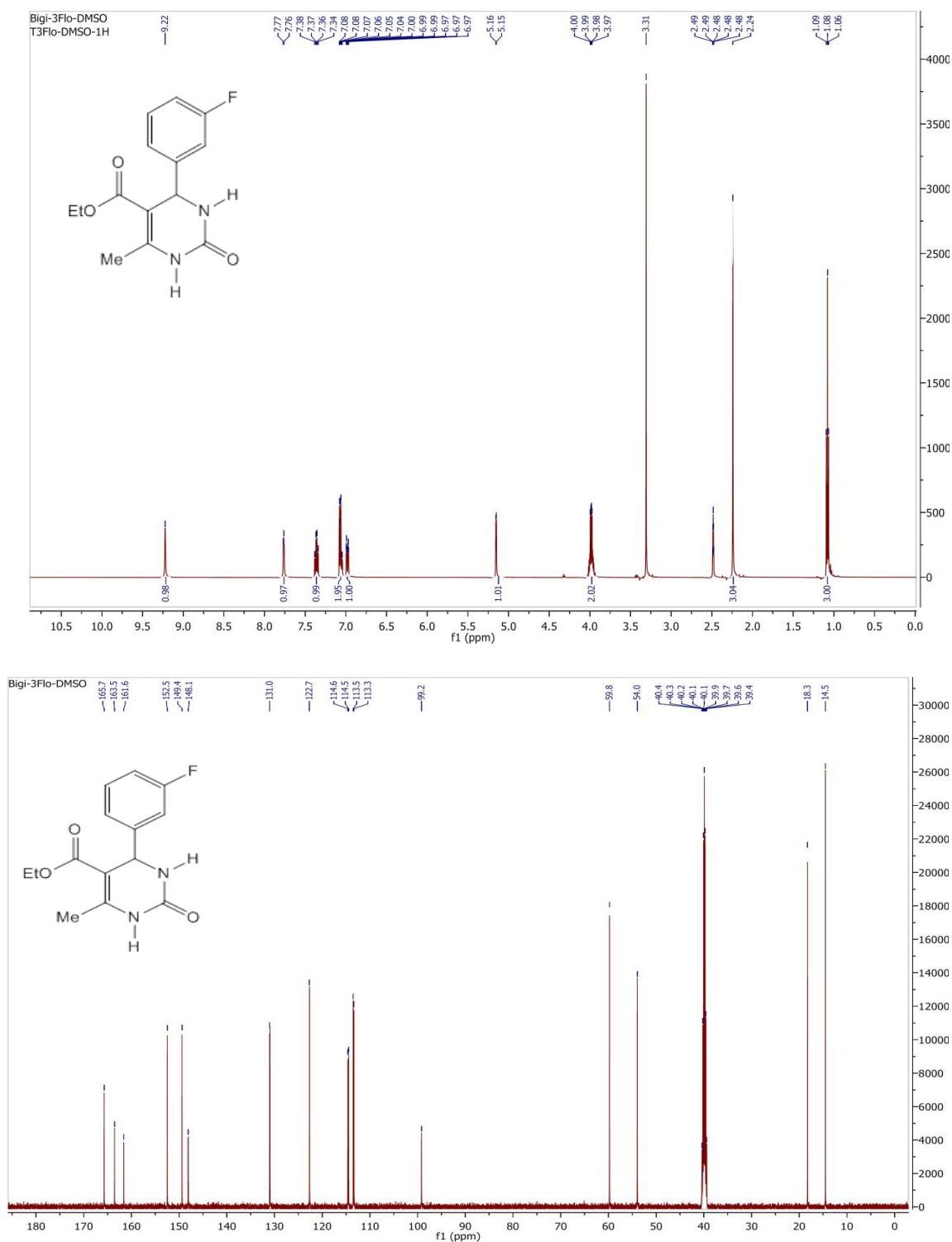


Figure S5. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-fluorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (7c).

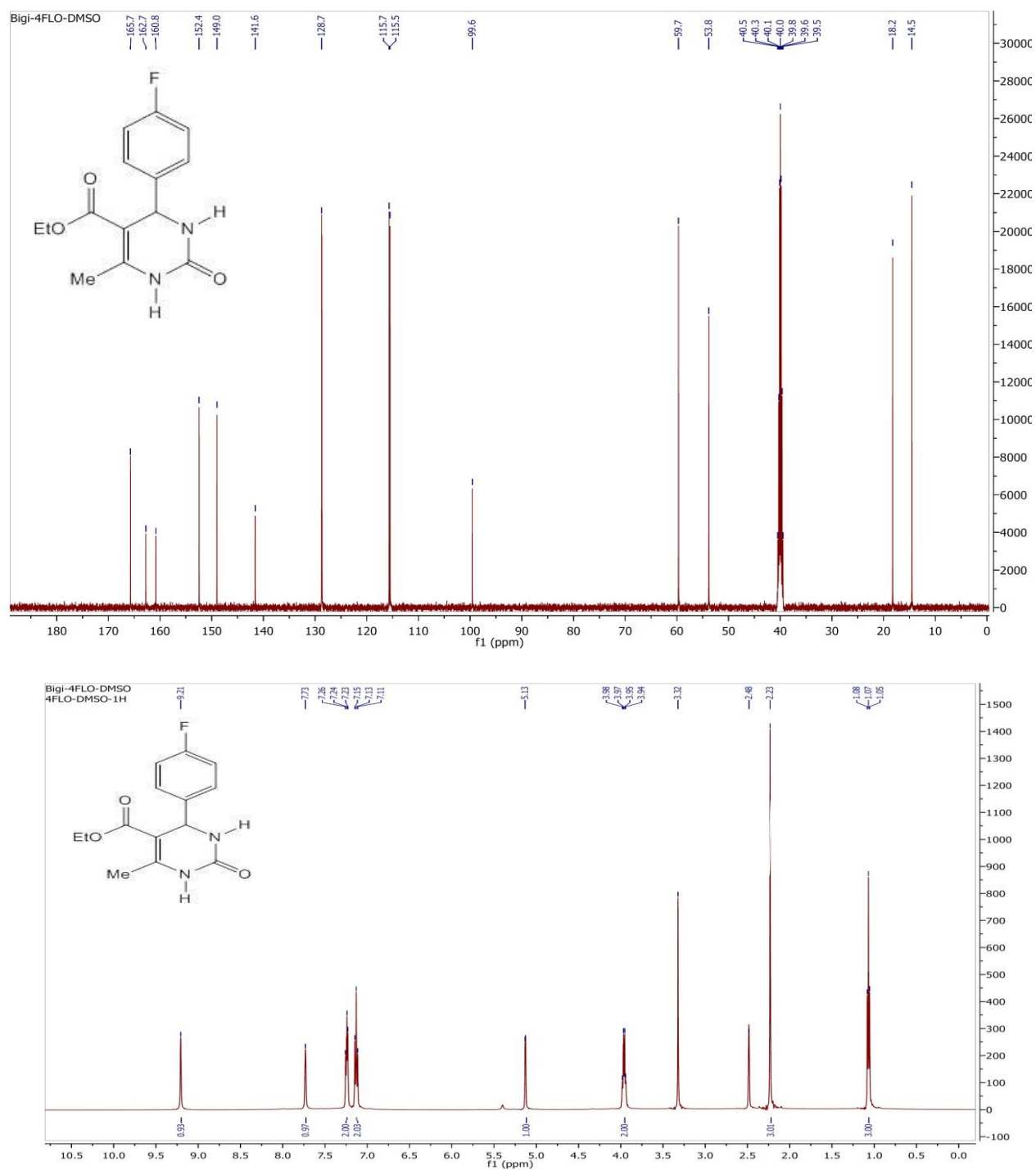


Figure S6. ¹H NMR, ¹³C NMR of 5-ethoxycarbonyl-4-(4-fluorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7d**).

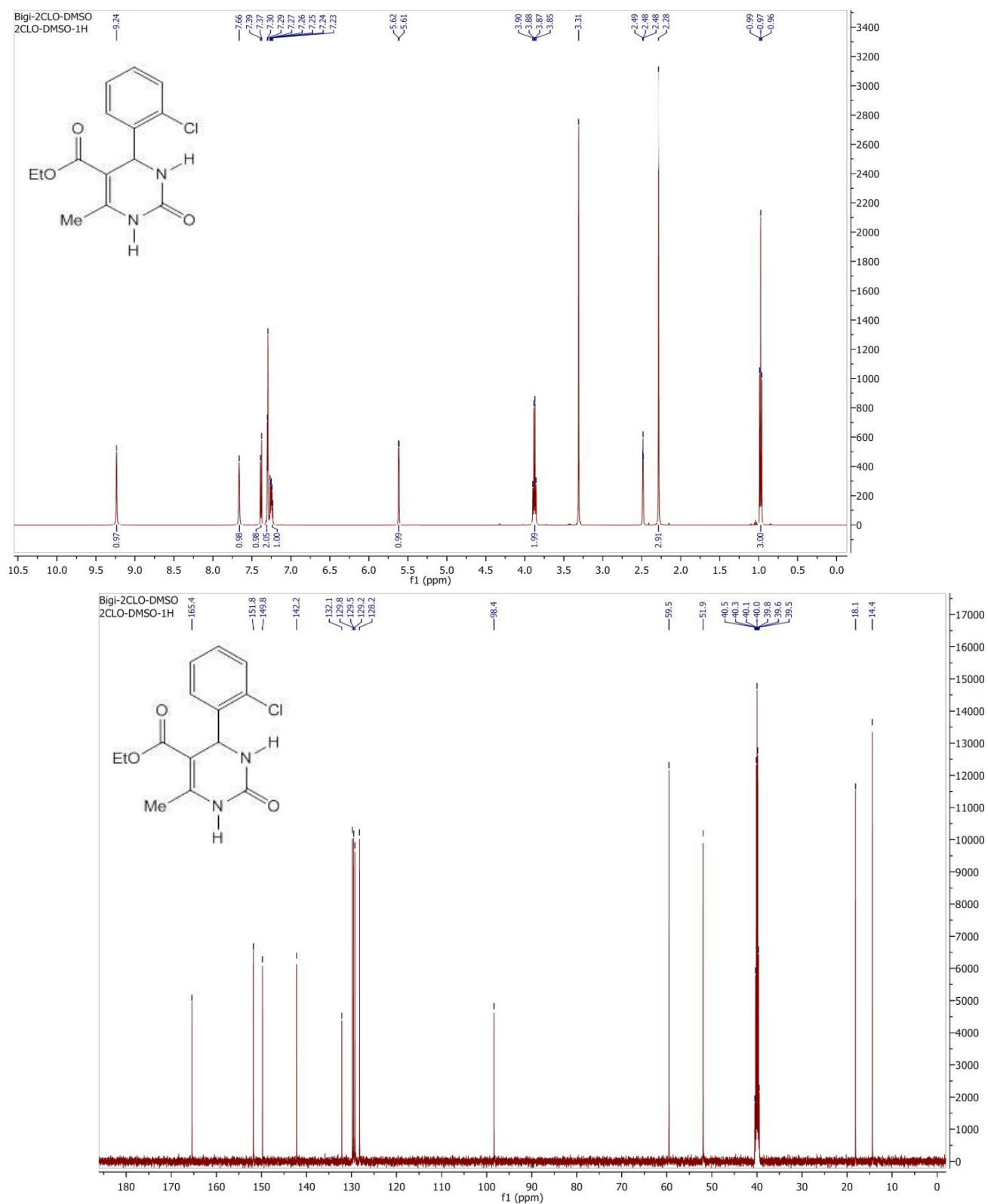


Figure S7. ¹H NMR, ¹³C NMR of 5-ethoxycarbonyl-4-(2-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (7e).

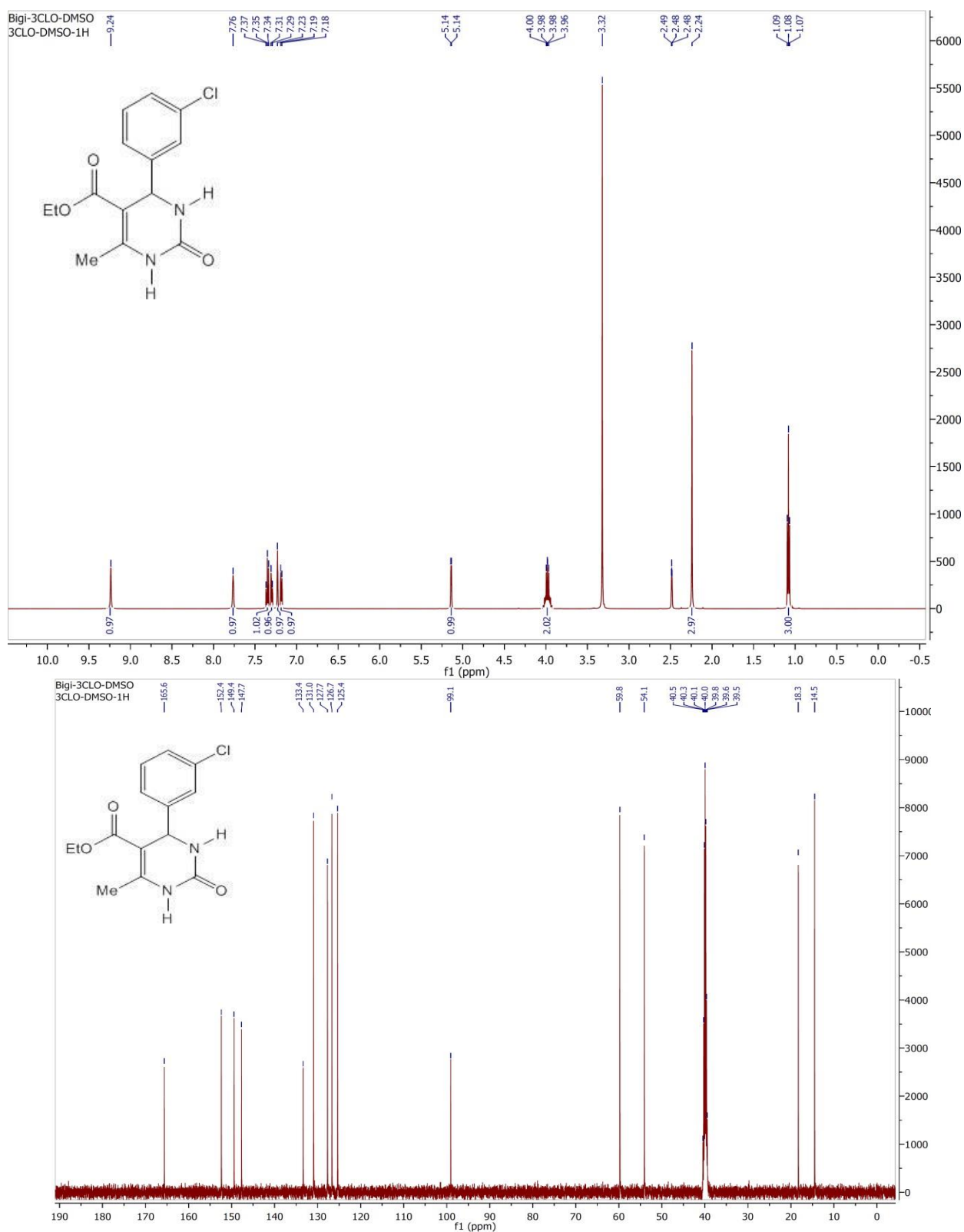


Figure S8. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7f**).

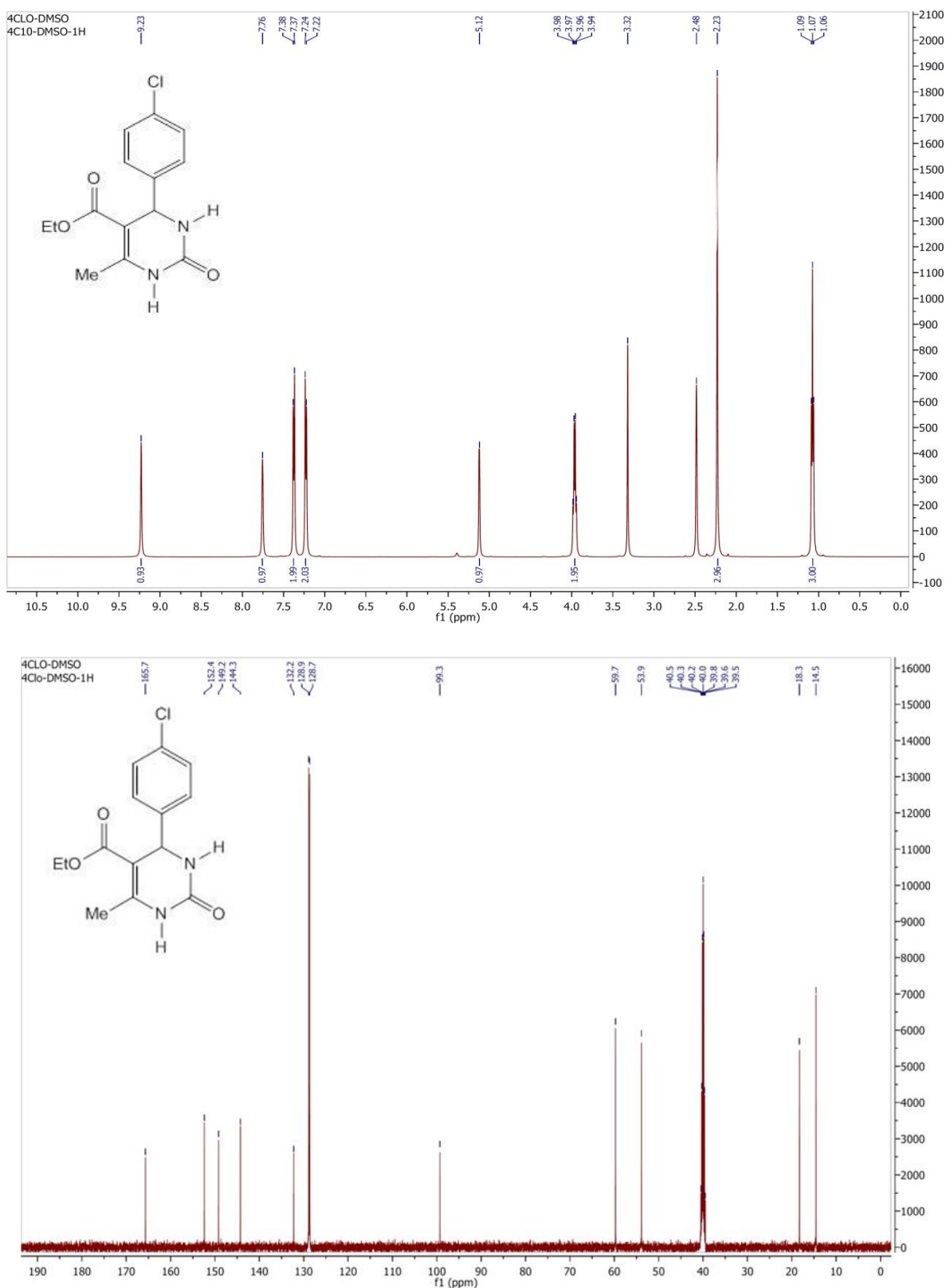


Figure S9. ¹H NMR, ¹³C NMR of 5-ethoxycarbonyl-4-(4-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7g**).

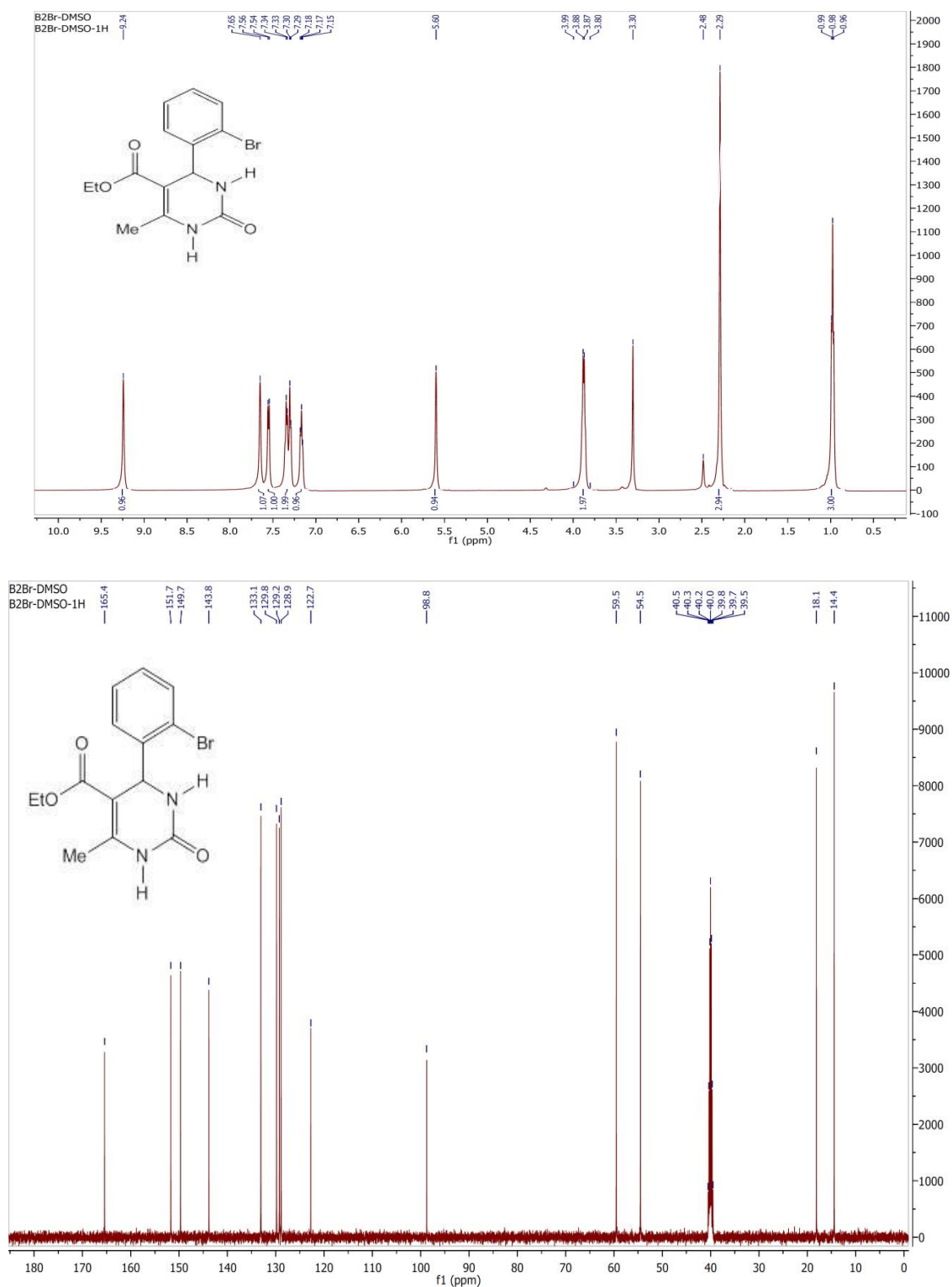


Figure S10. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(2-bromophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (7h).

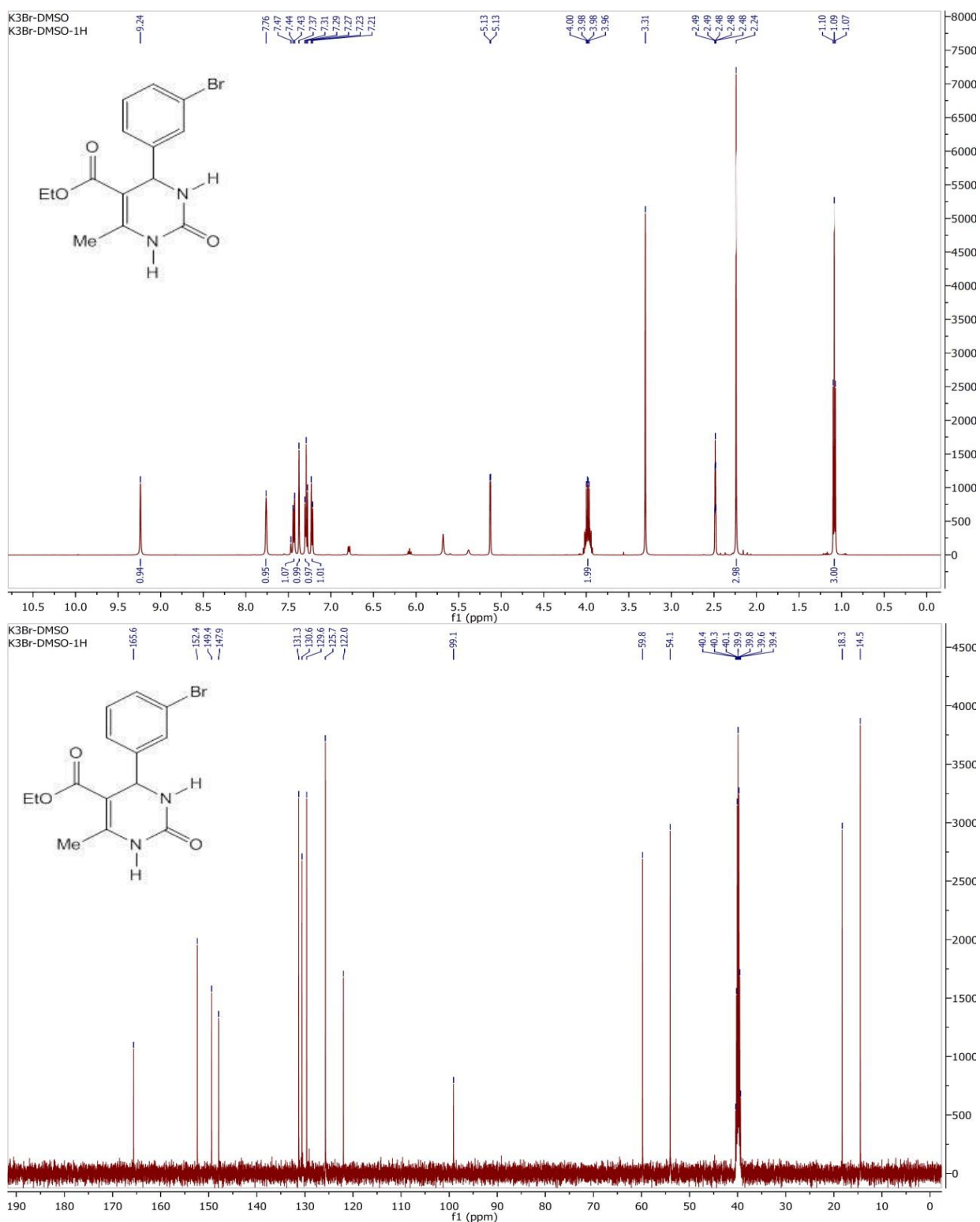


Figure S11. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-bromophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (7i).

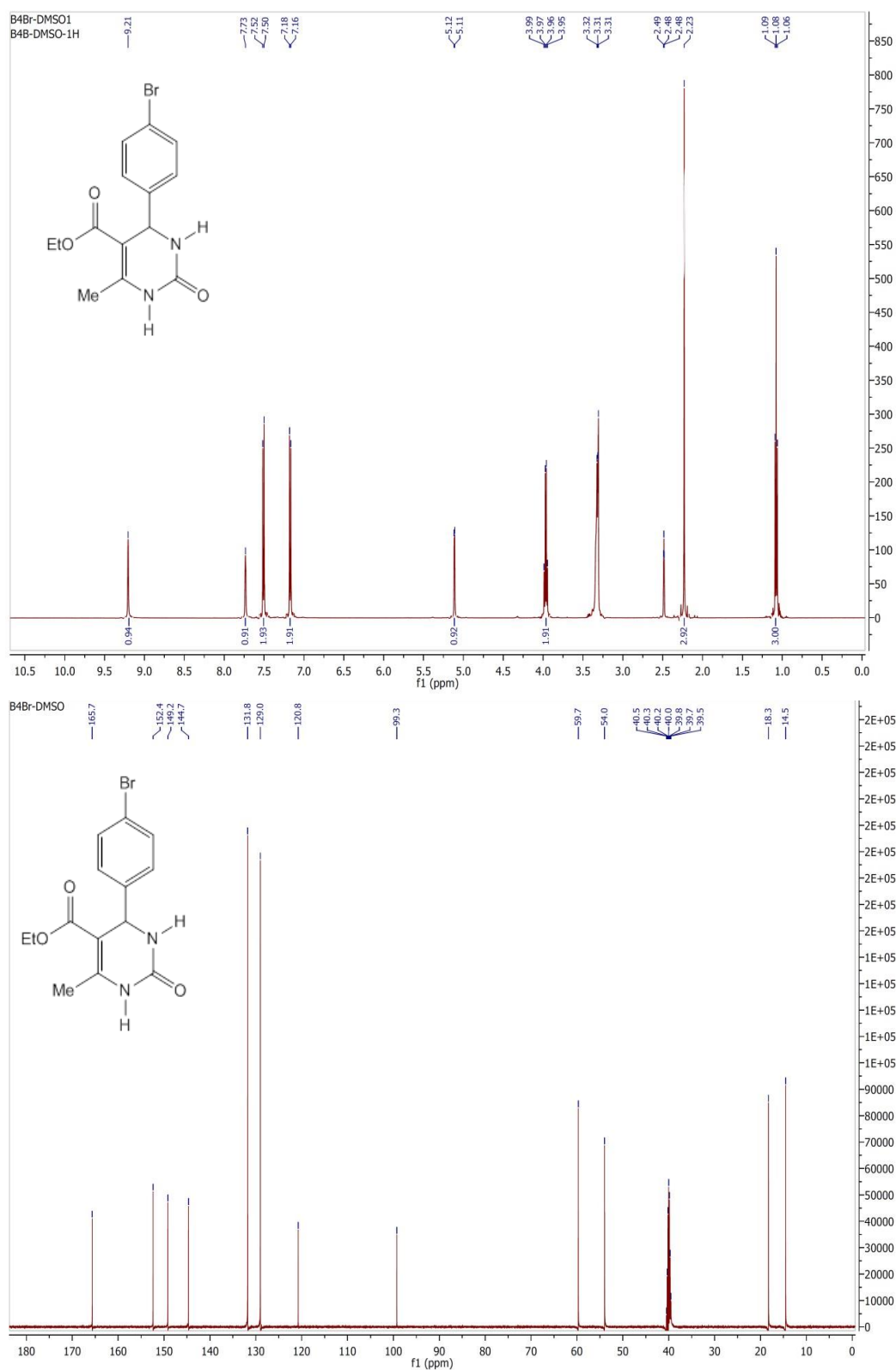


Figure S12. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-bromophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7j**).

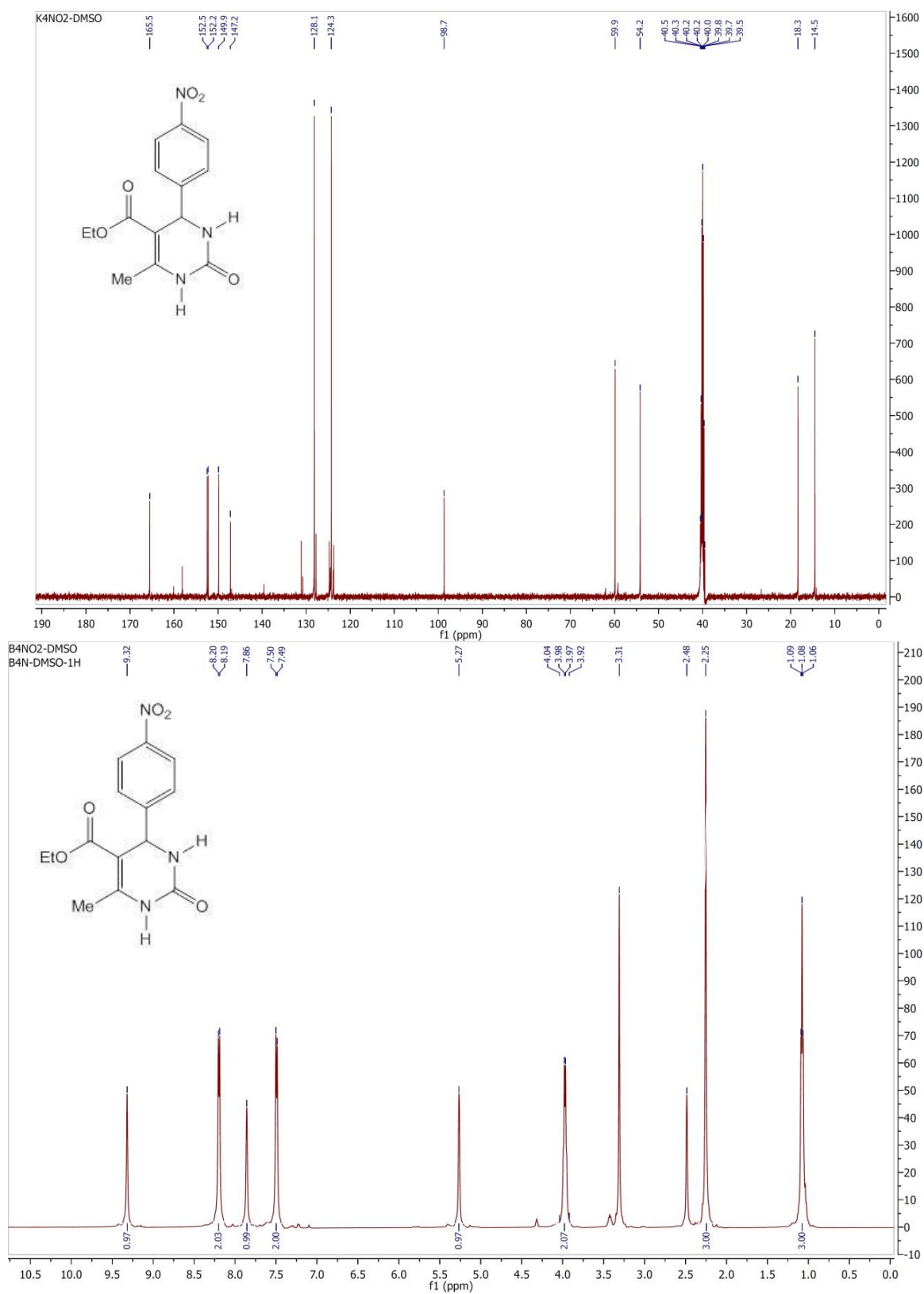


Figure S13. ¹H NMR, ¹³C NMR of 5-ethoxycarbonyl-4-(4-nitrophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7k**).

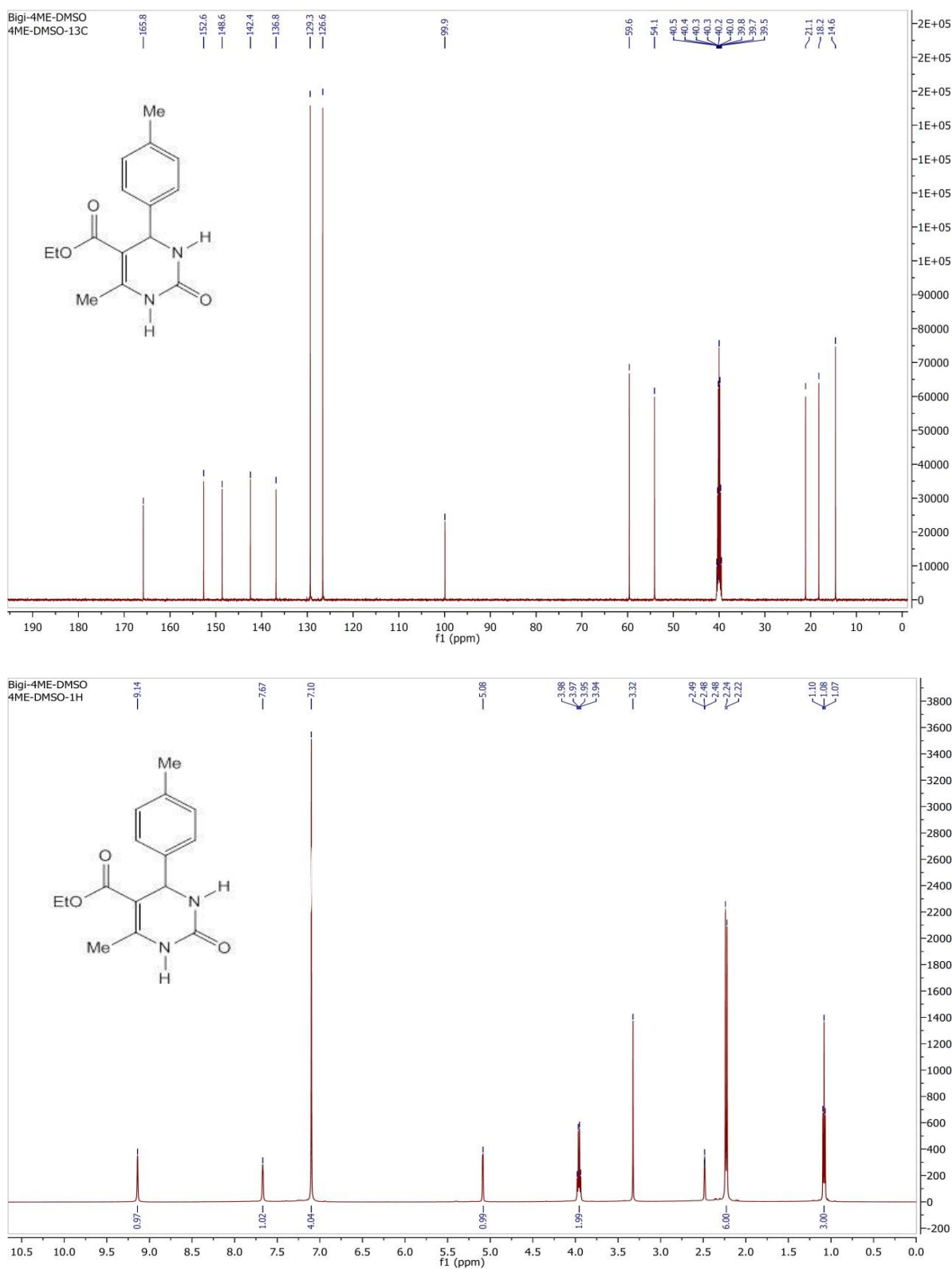


Figure S14. ¹H NMR, ¹³C NMR of 5-ethoxycarbonyl-4-(4-methylphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (71).

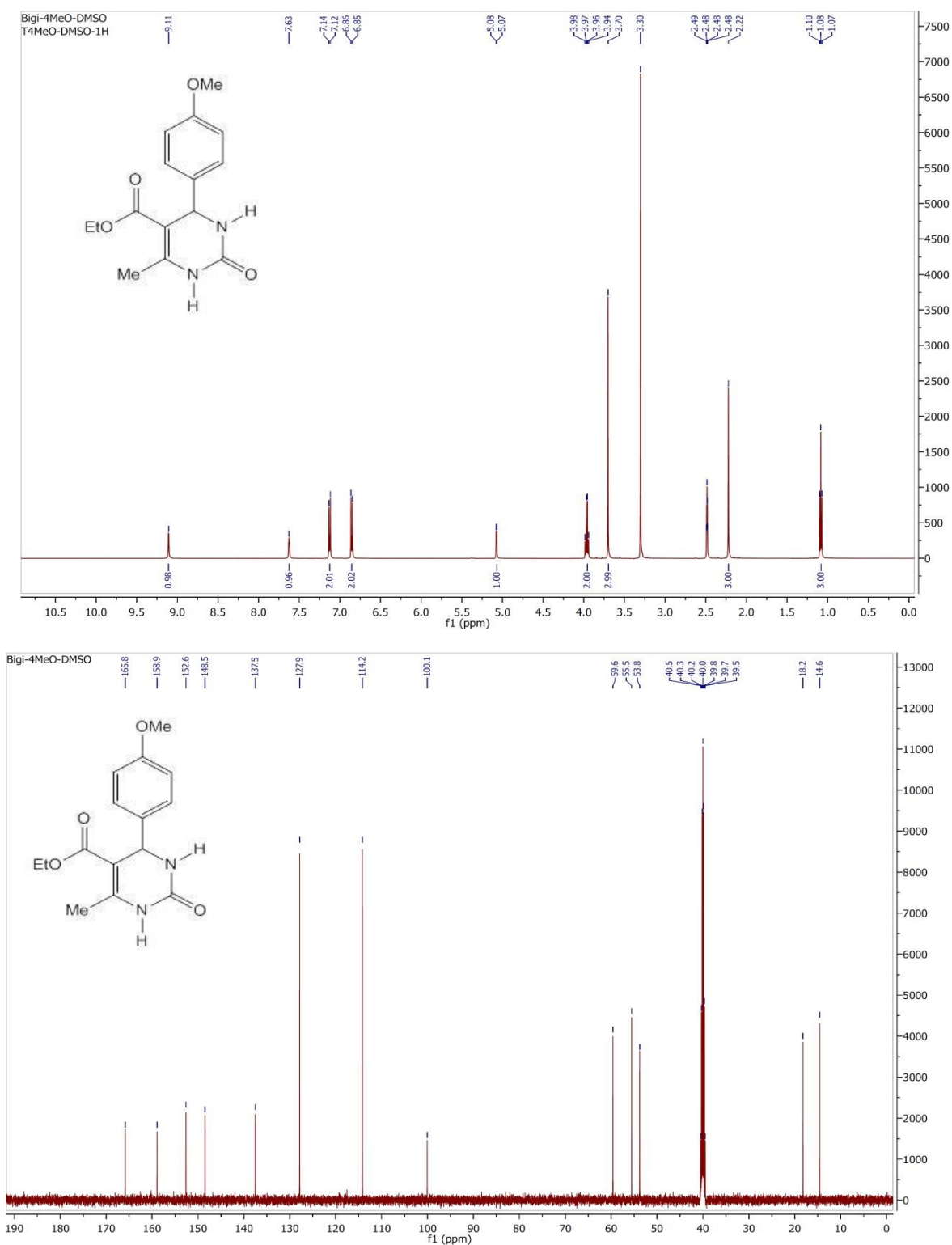


Figure S15. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-methoxyphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7m**).

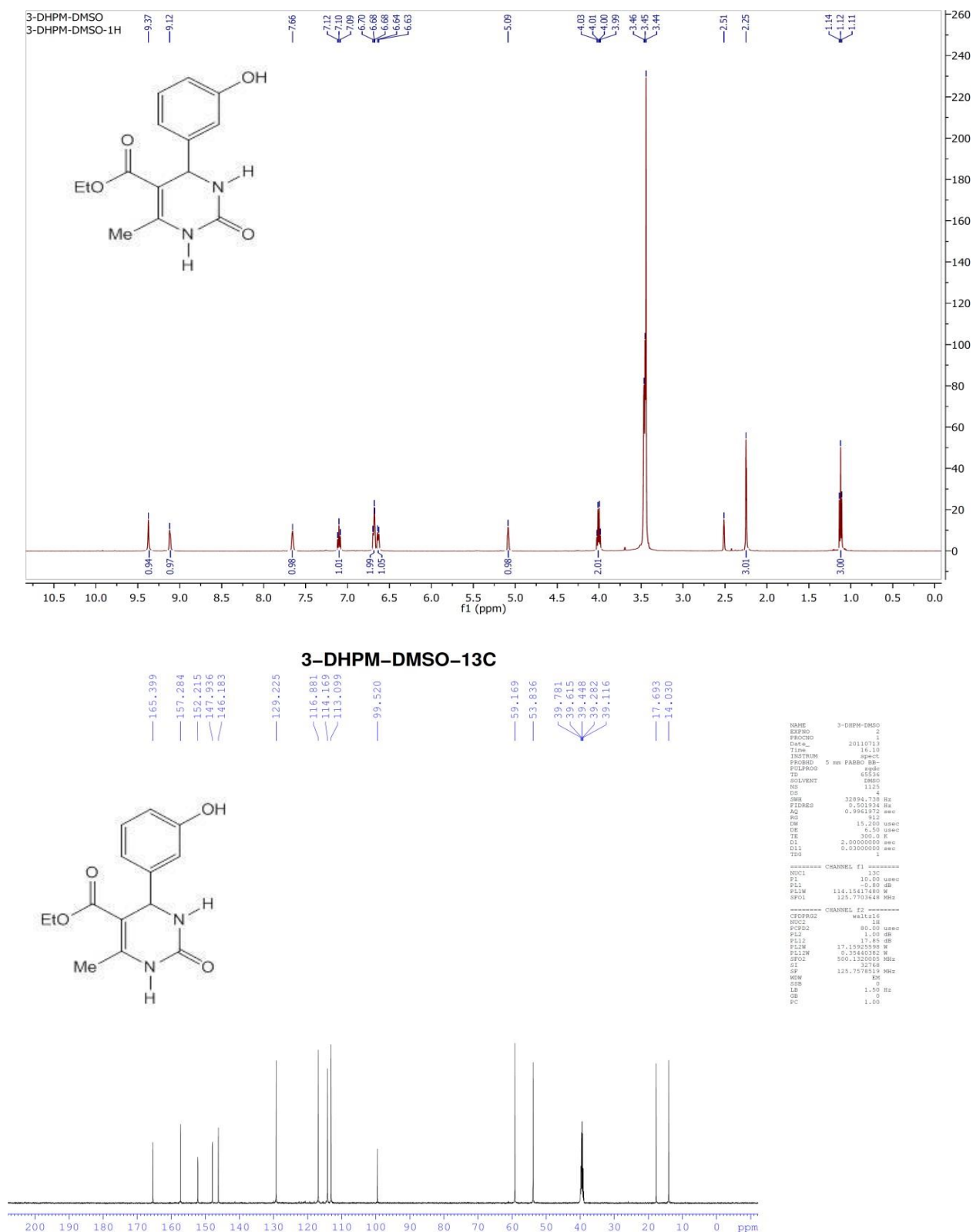


Figure S16. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-hydroxyphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7n**).

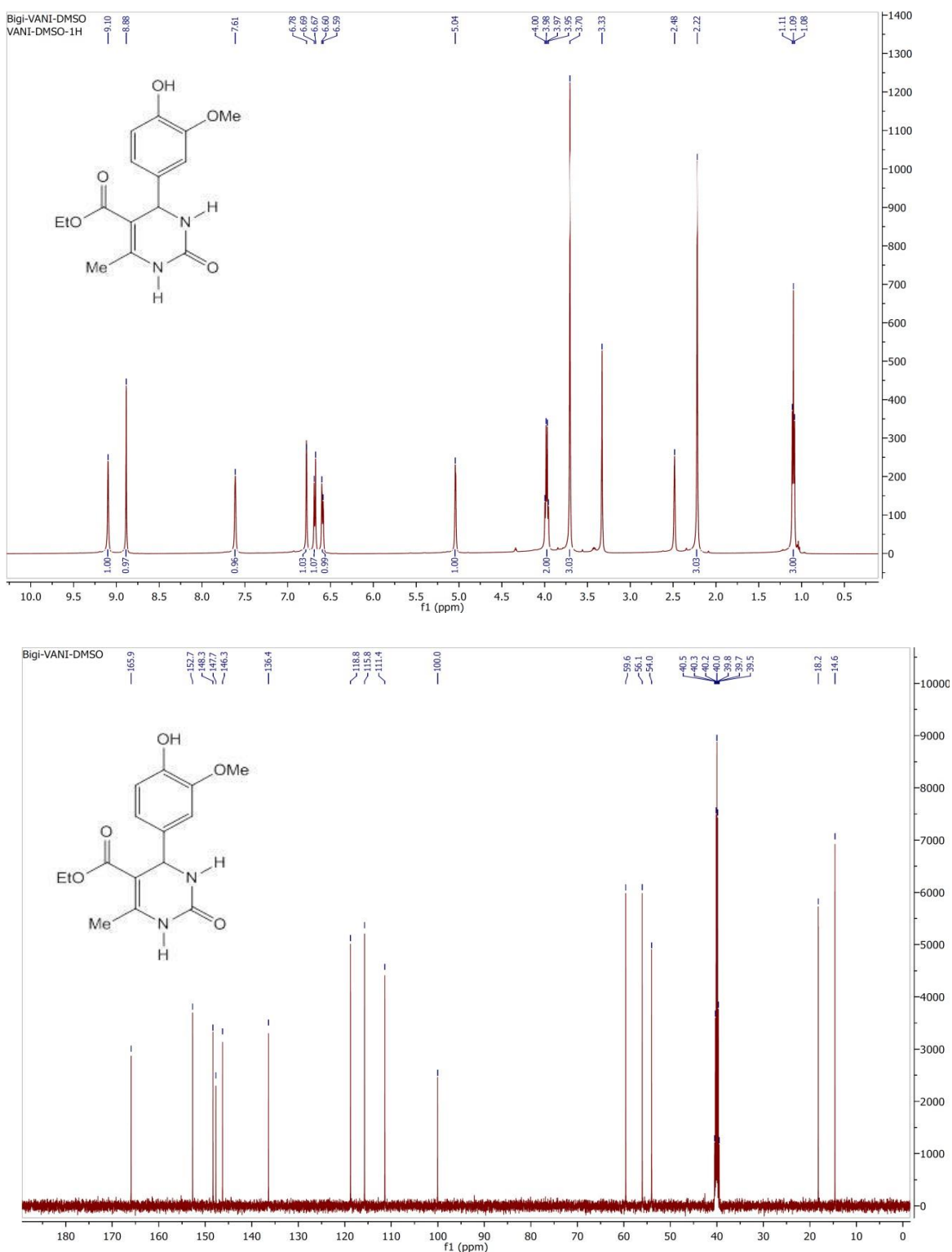


Figure S17. ^1H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-methoxy-4-hydroxyphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**70**).