Supplementary Material

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

Khan Manh Hua, Phuong Hoang Tran*, and Thach Ngoc Le*

Department of Organic Chemistry, Faculty of Chemistry, University of Science, Vietnam National University, Ho Chi Minh City 700000, Vietnam
Email: lenthach@yahoo.com, thphuong@hcmus.edu.vn

Table of Contents

^{1}H and ^{13}C NMR spectra S2

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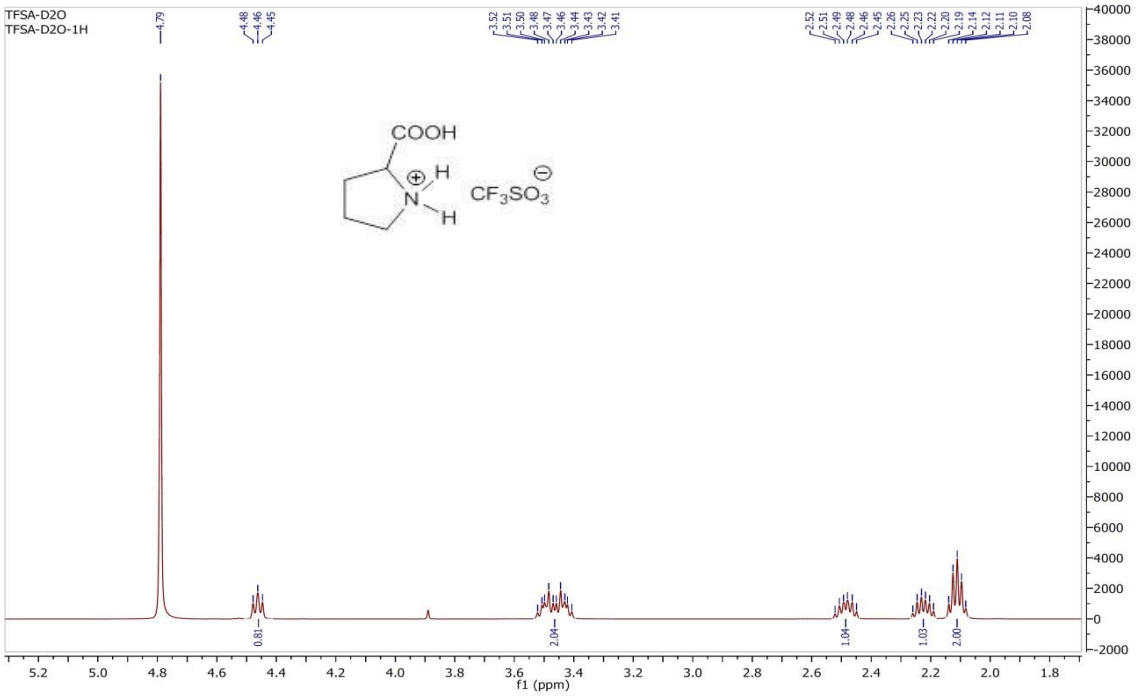
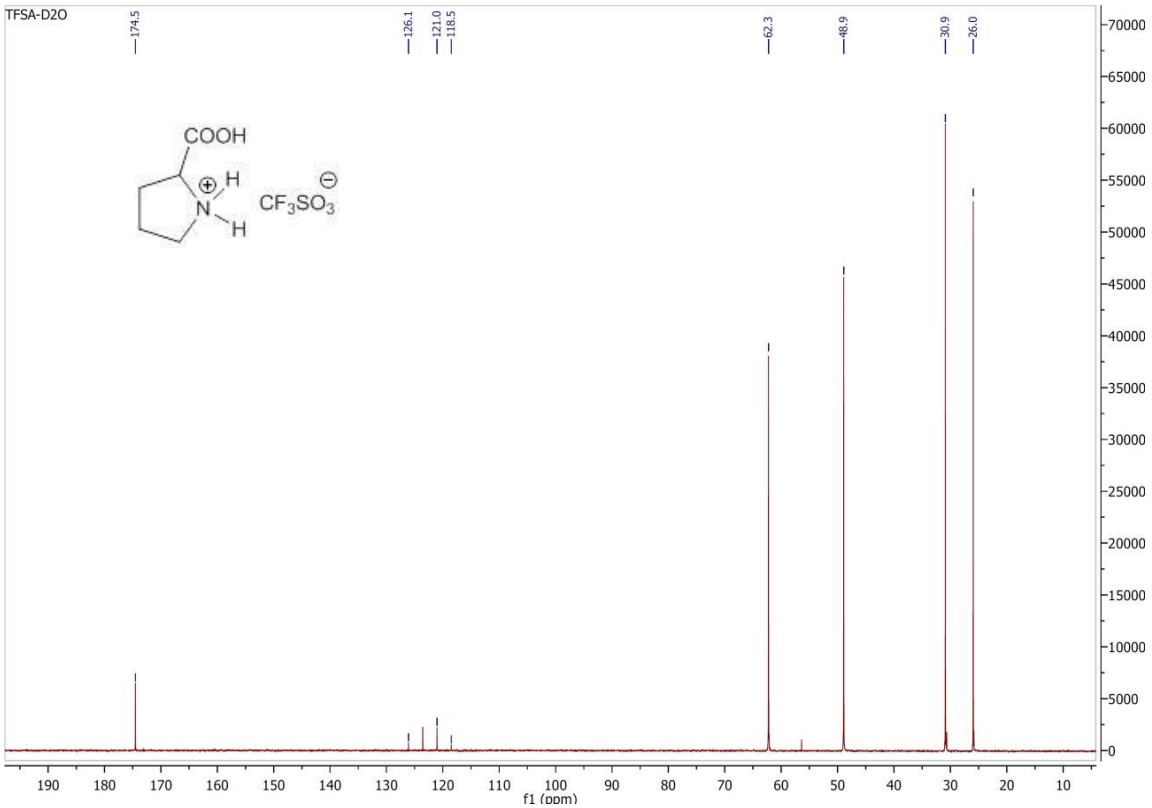


Figure S2. ^{1}H NMR, ^{13}C NMR of L-Proline triflate (3).



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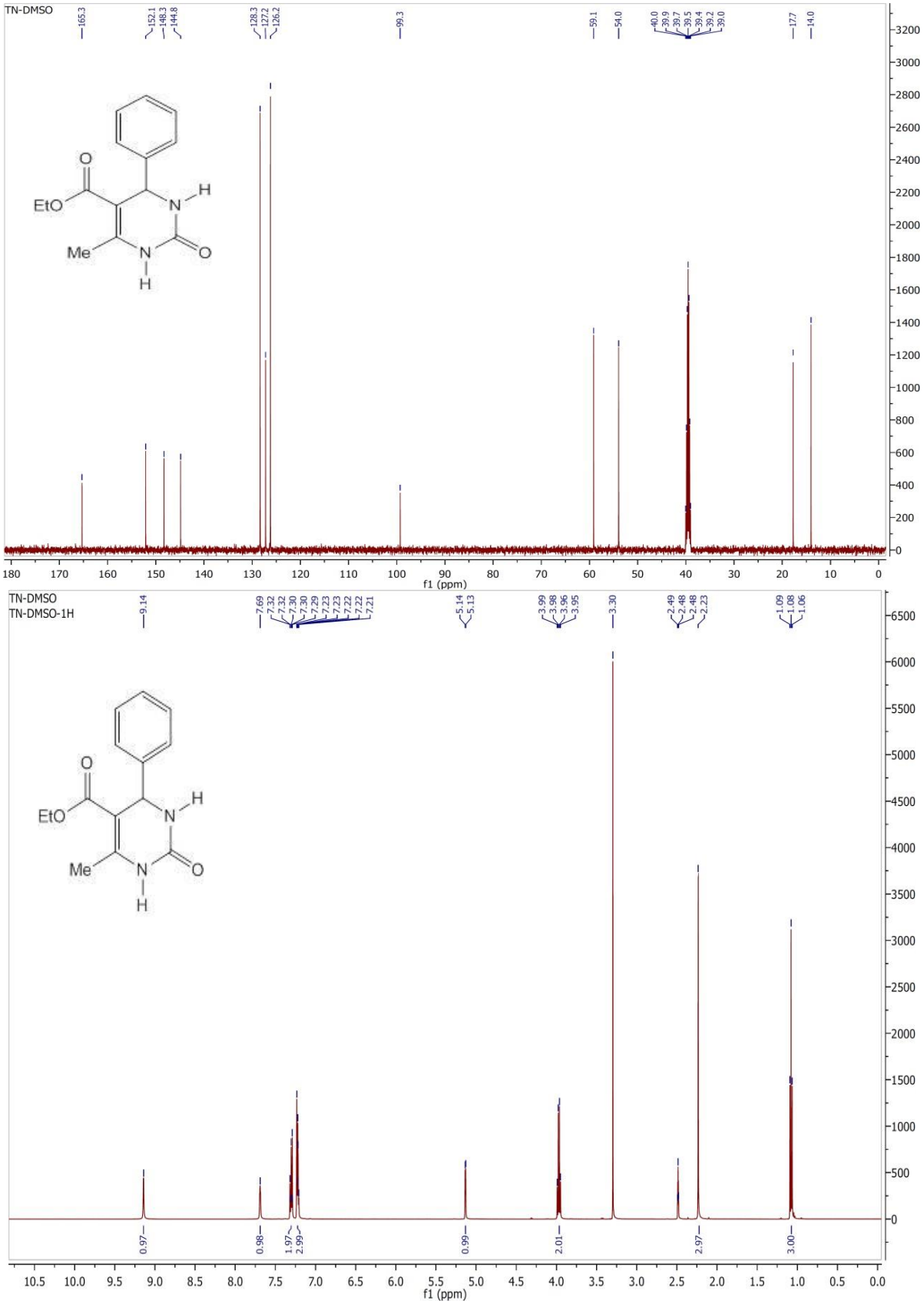


Figure S3. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-phenyl-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7a**).

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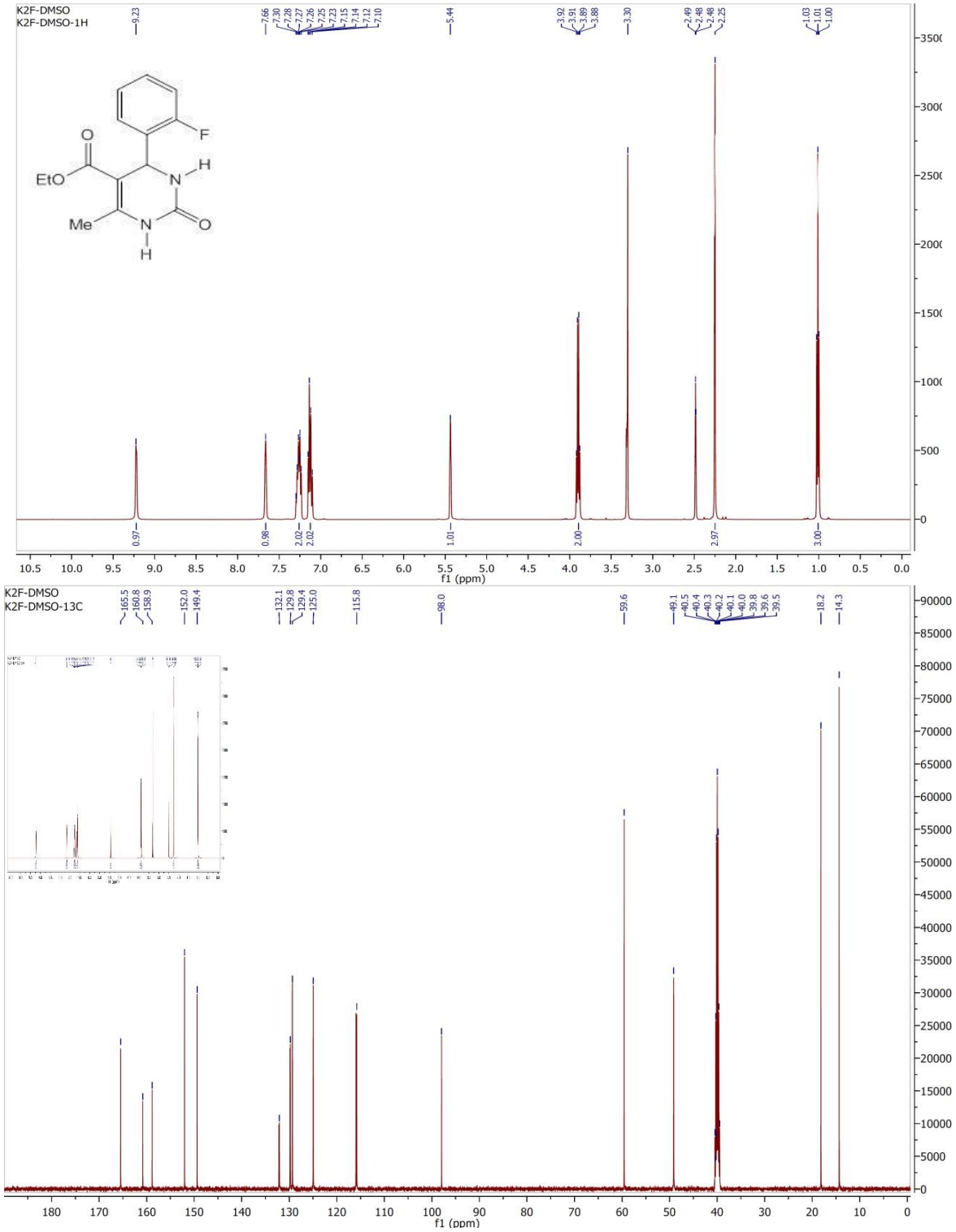


Figure S4. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-fluorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7b**).

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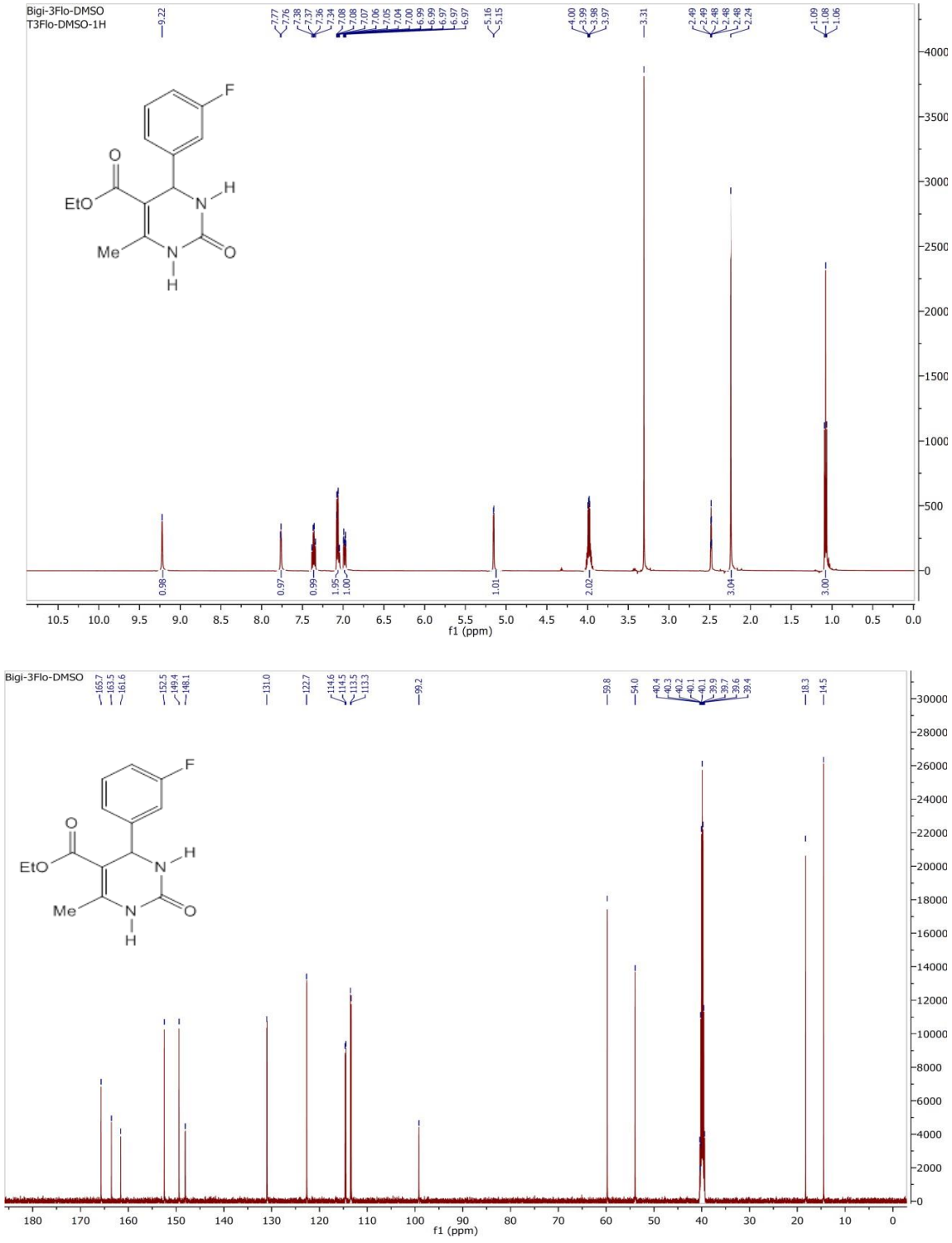


Figure S5. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-fluorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7c**).

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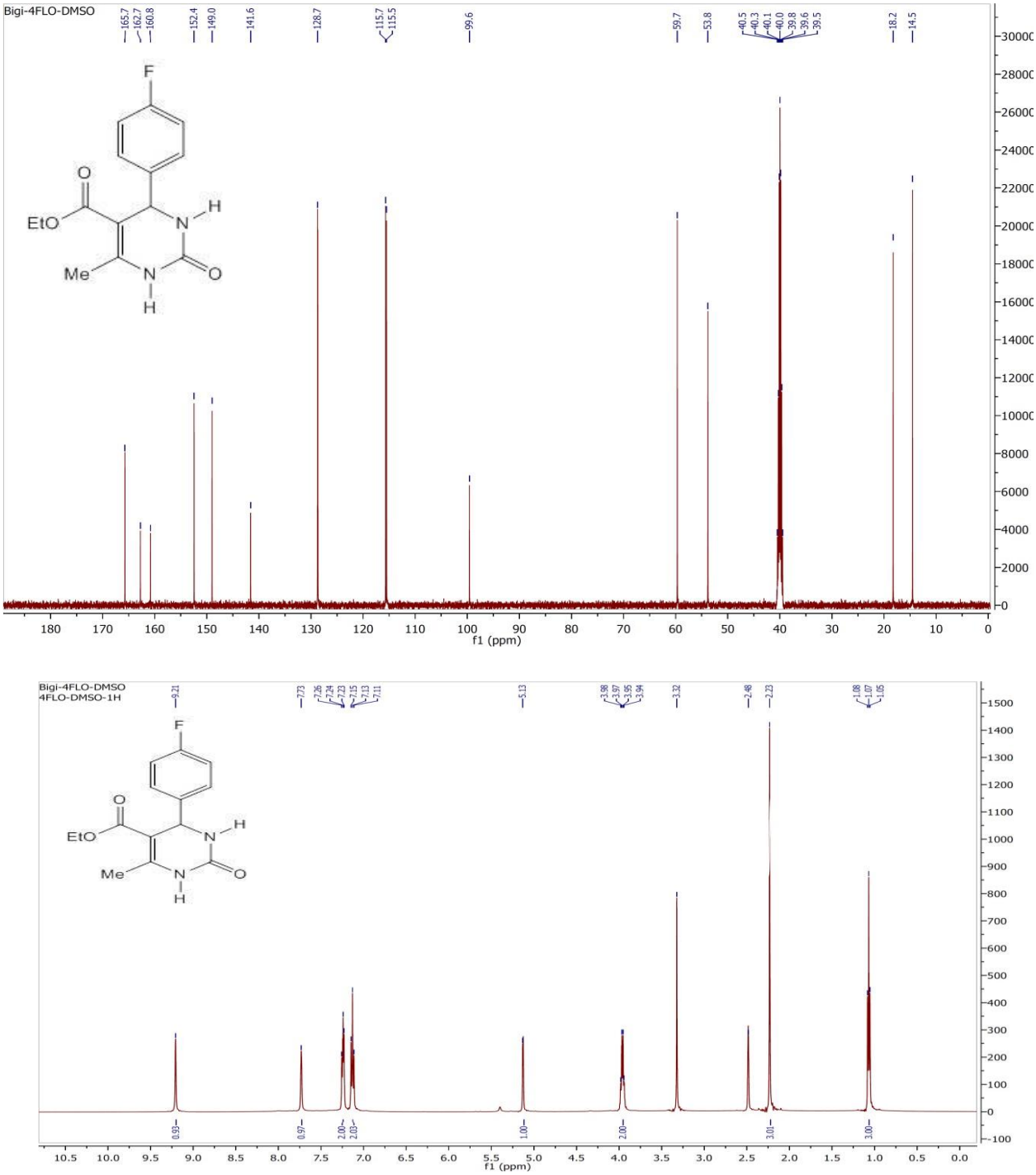


Figure S6. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-fluorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7d**).

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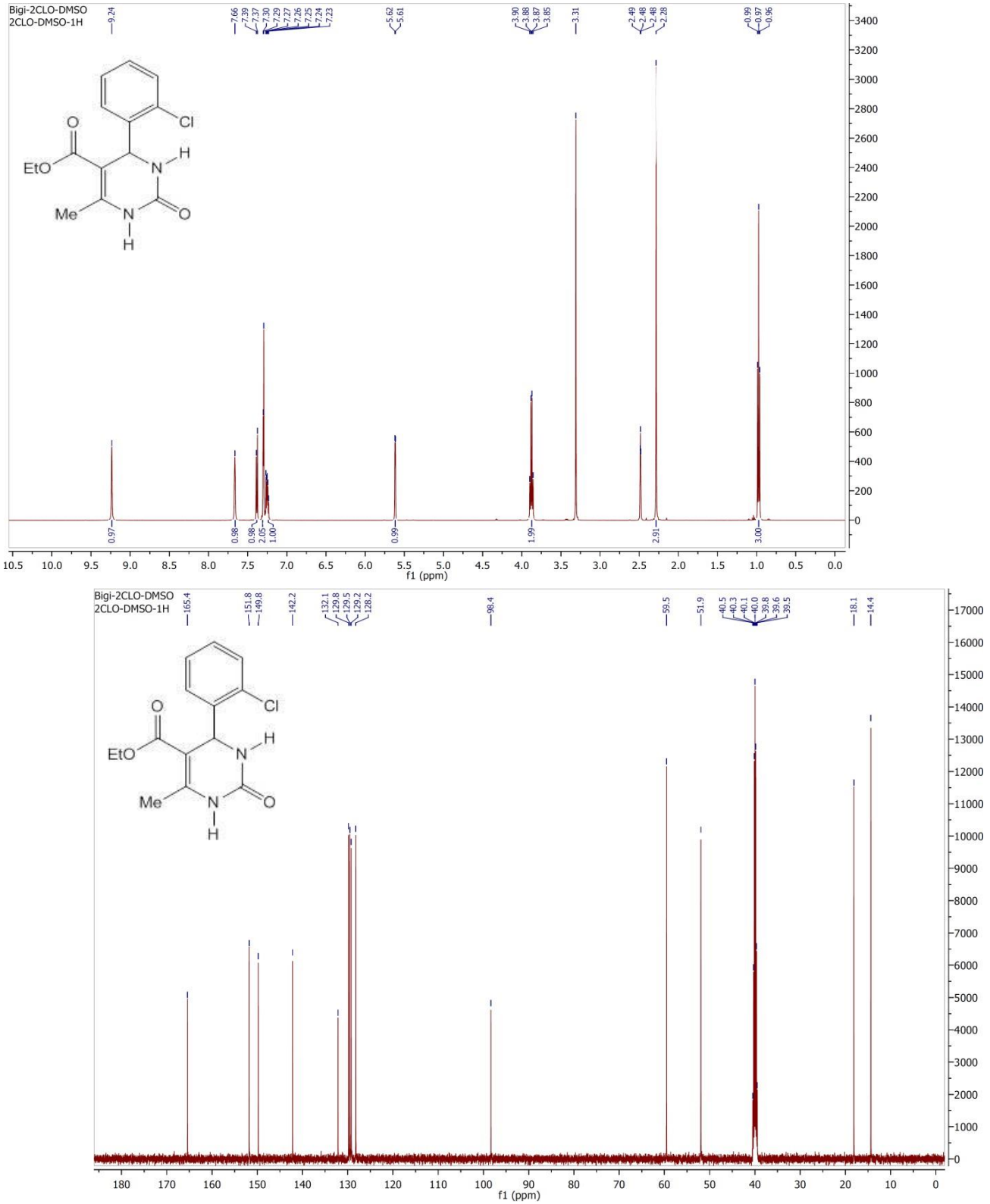


Figure S7. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(2-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7e**).

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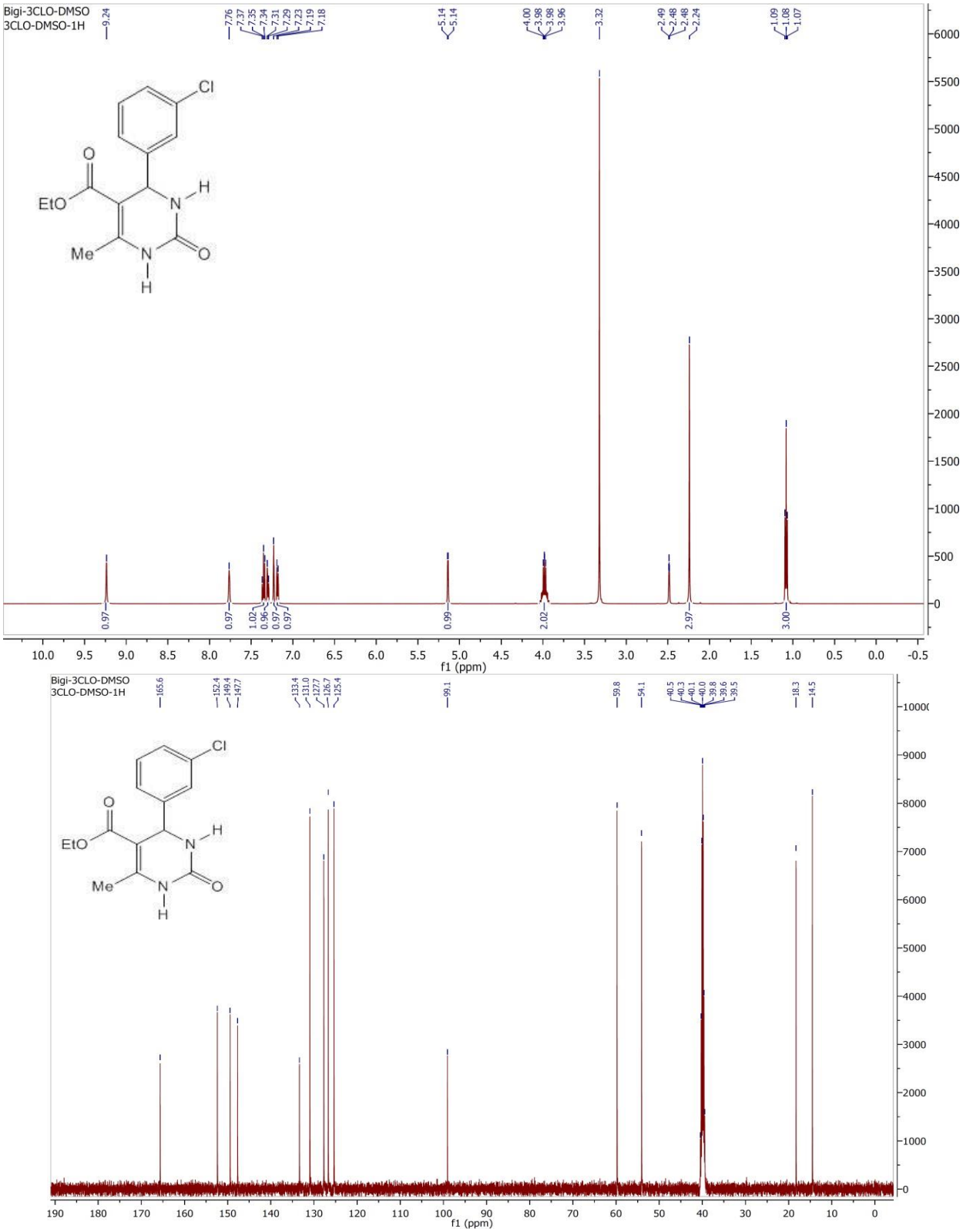


Figure S8. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7f**).

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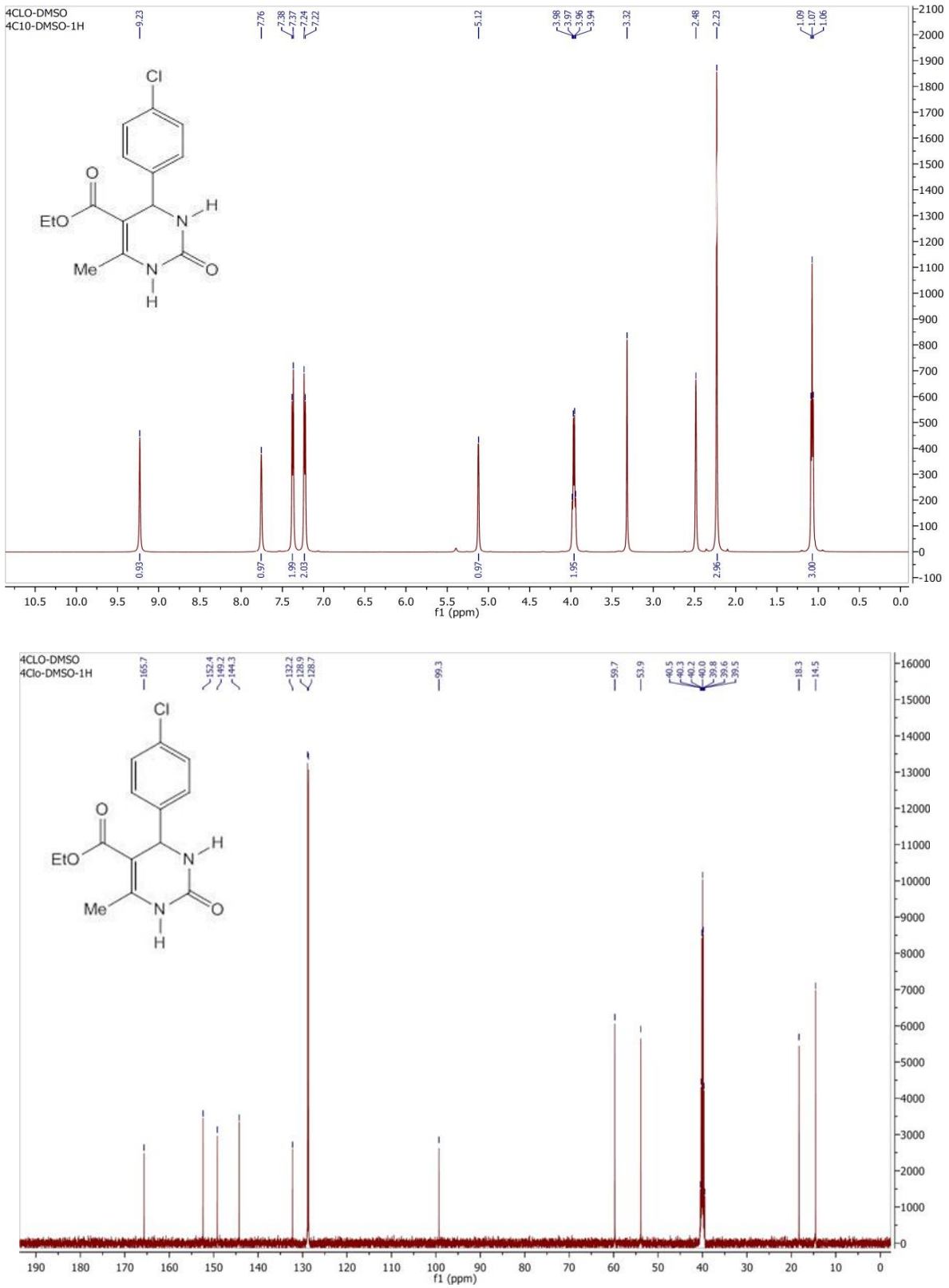


Figure S9. 1H NMR, 13C NMR of 5-ethoxycarbonyl-4-(4-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7g**).

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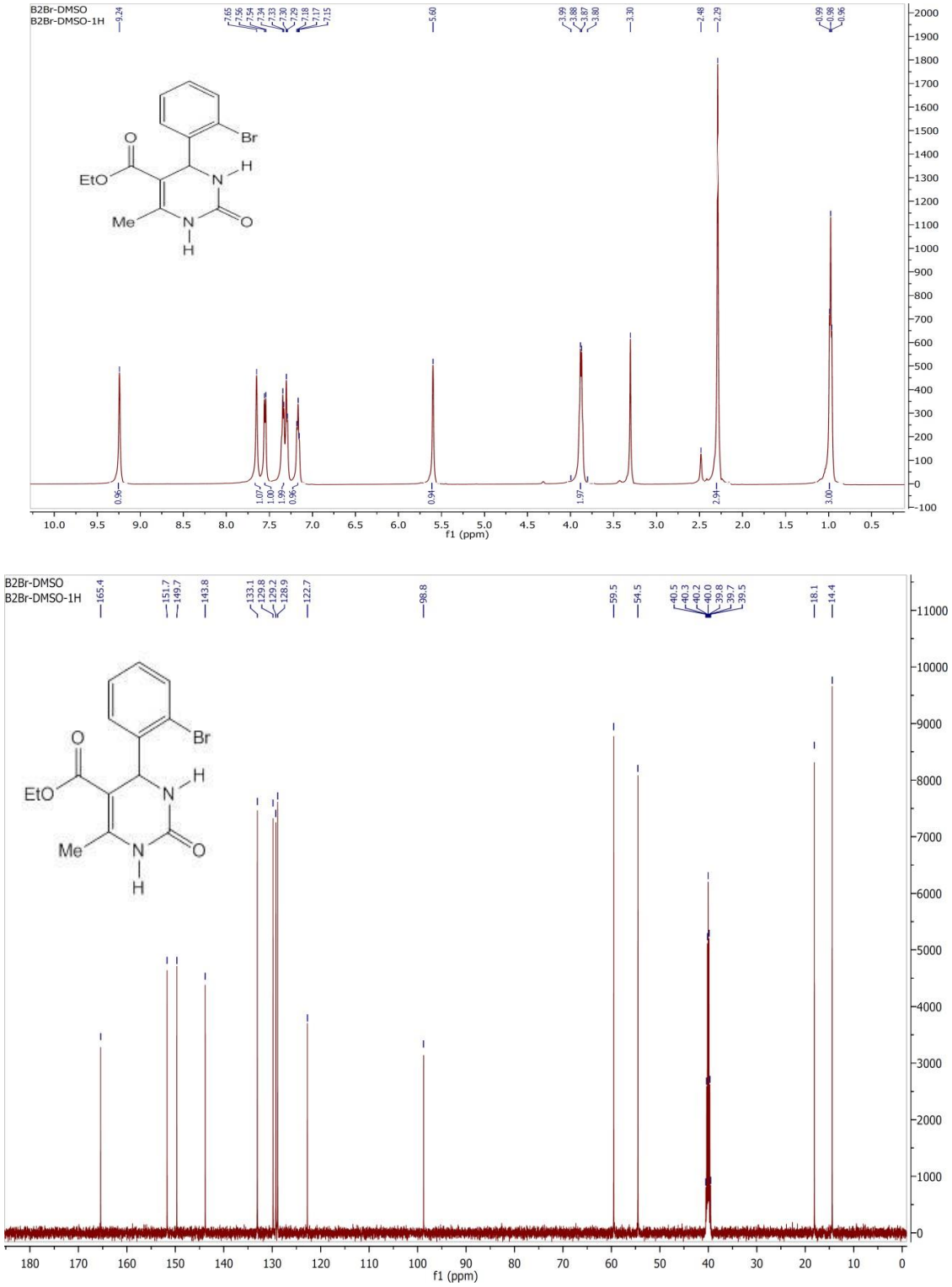


Figure S10. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(2-bromophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7h**).

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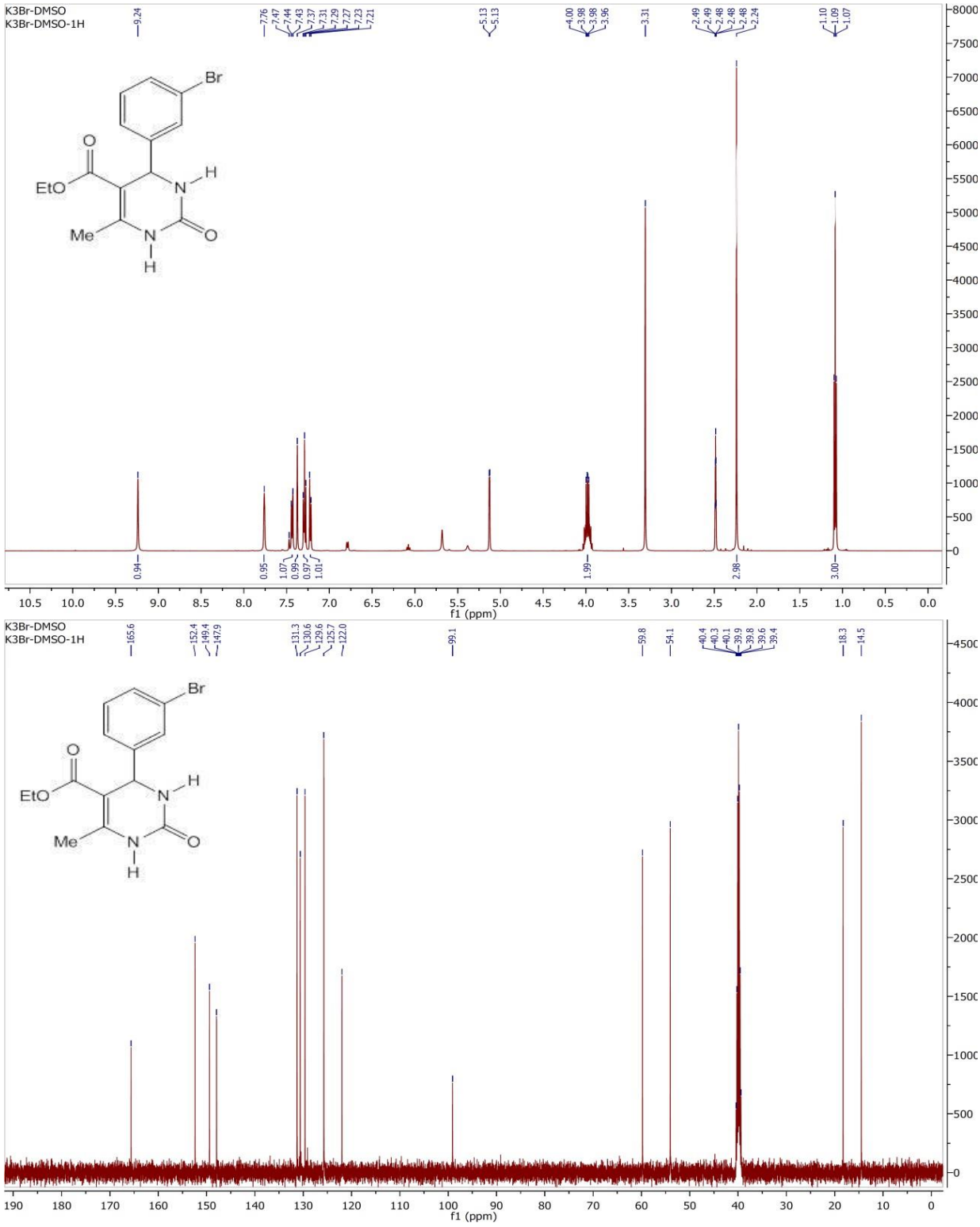


Figure S11. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-bromophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7i**).

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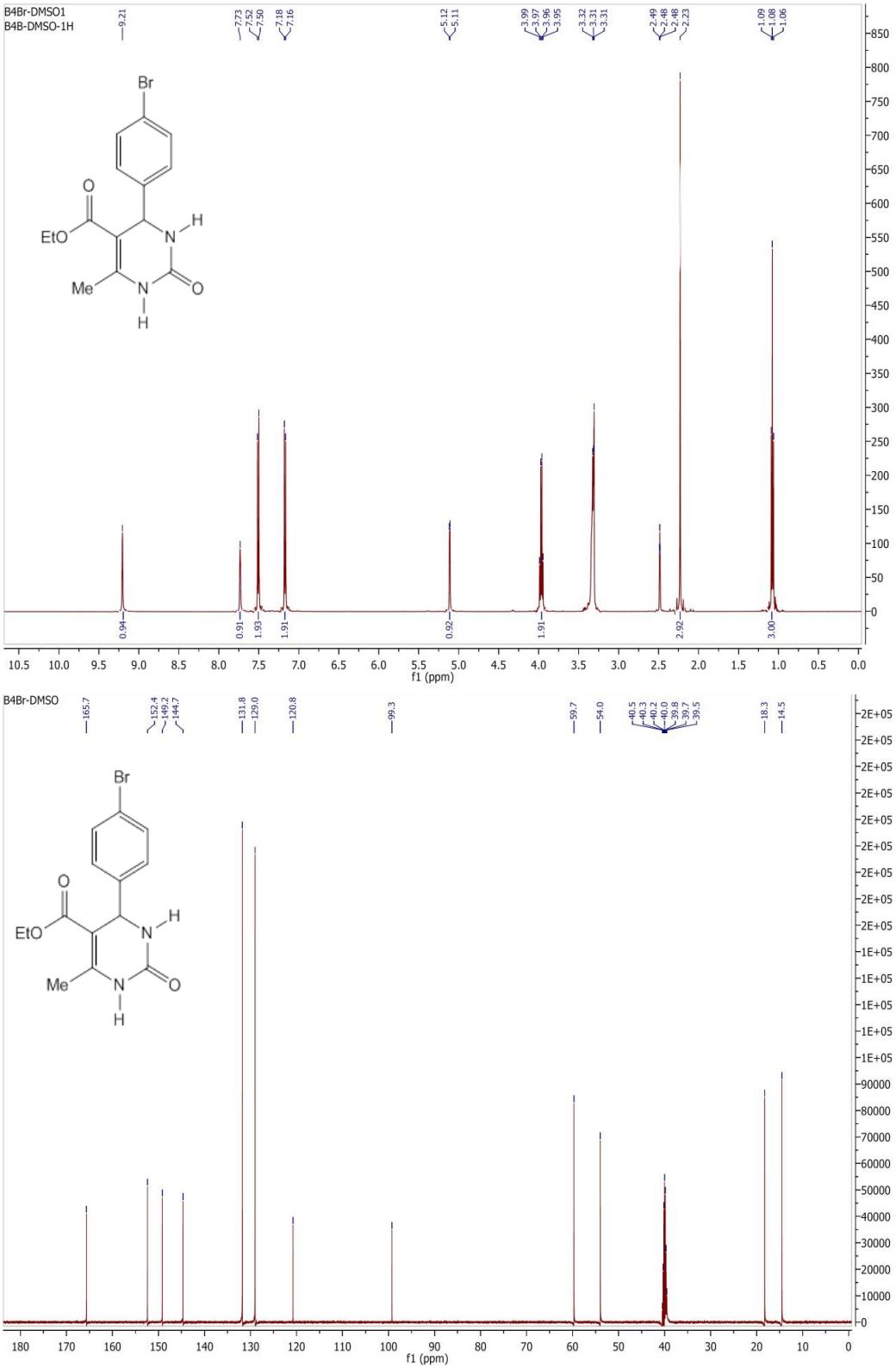


Figure S12. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-bromophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7j**).

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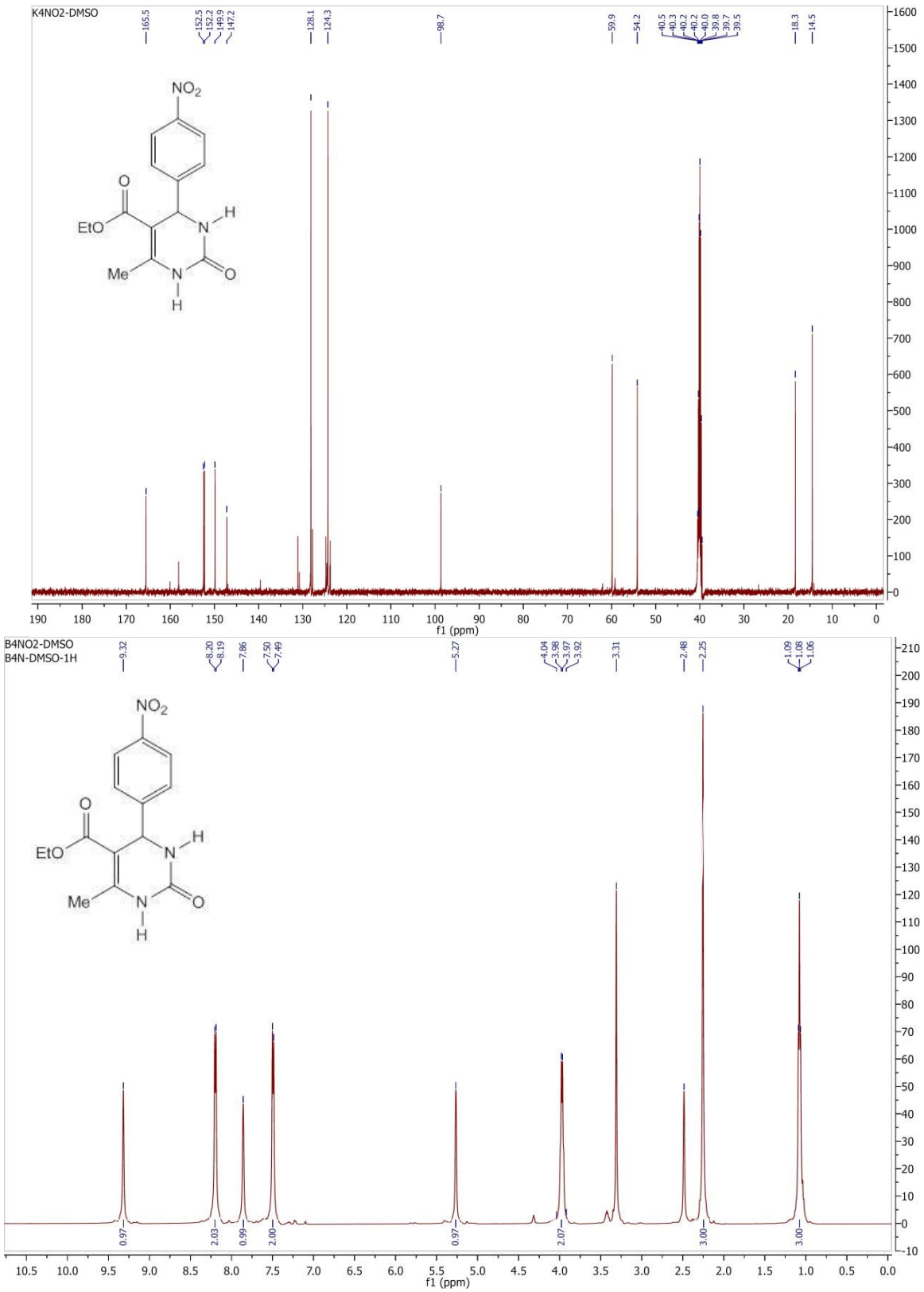


Figure S13. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-nitrophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7k**).

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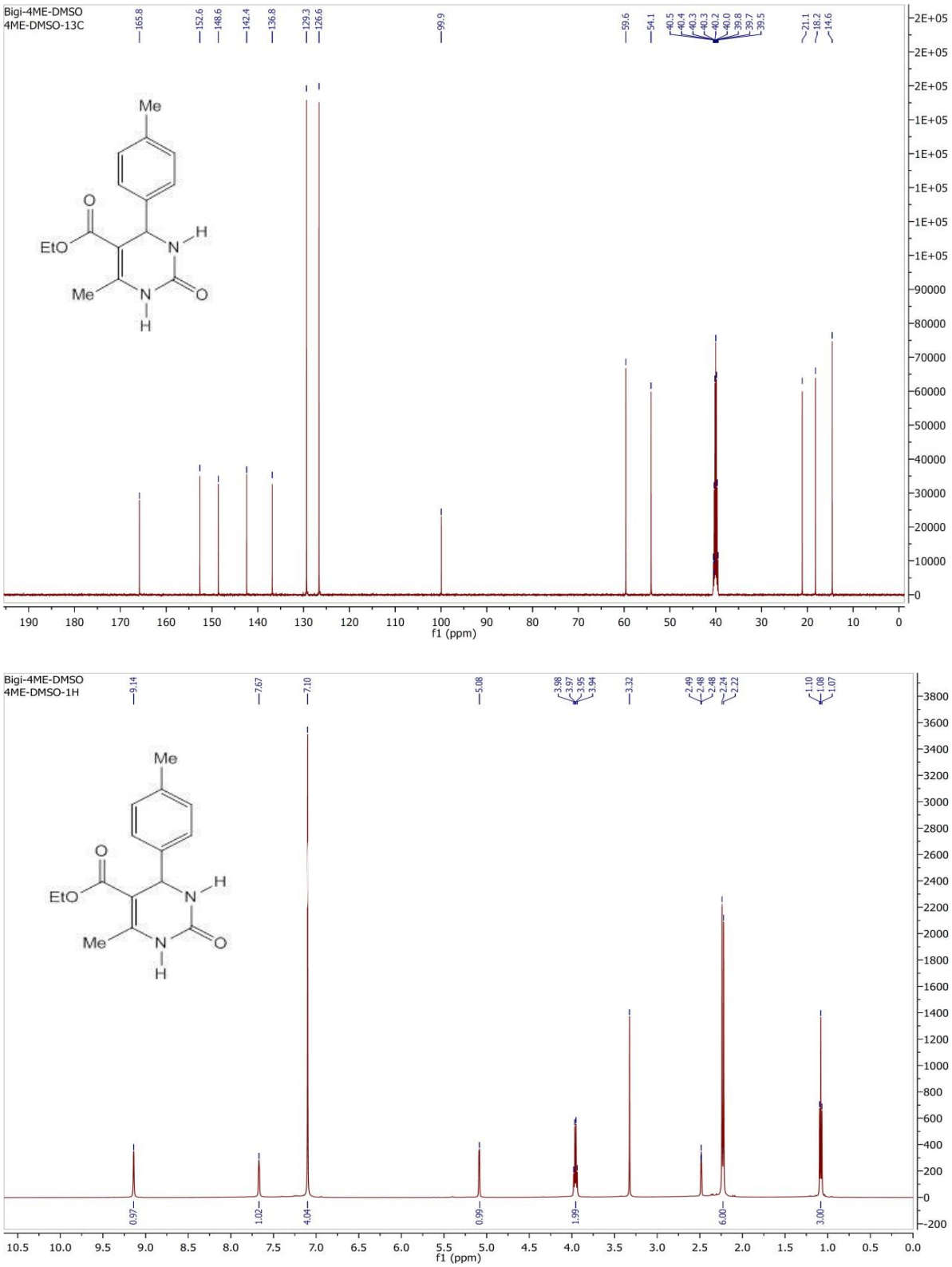


Figure S14. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-methylphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7l**).

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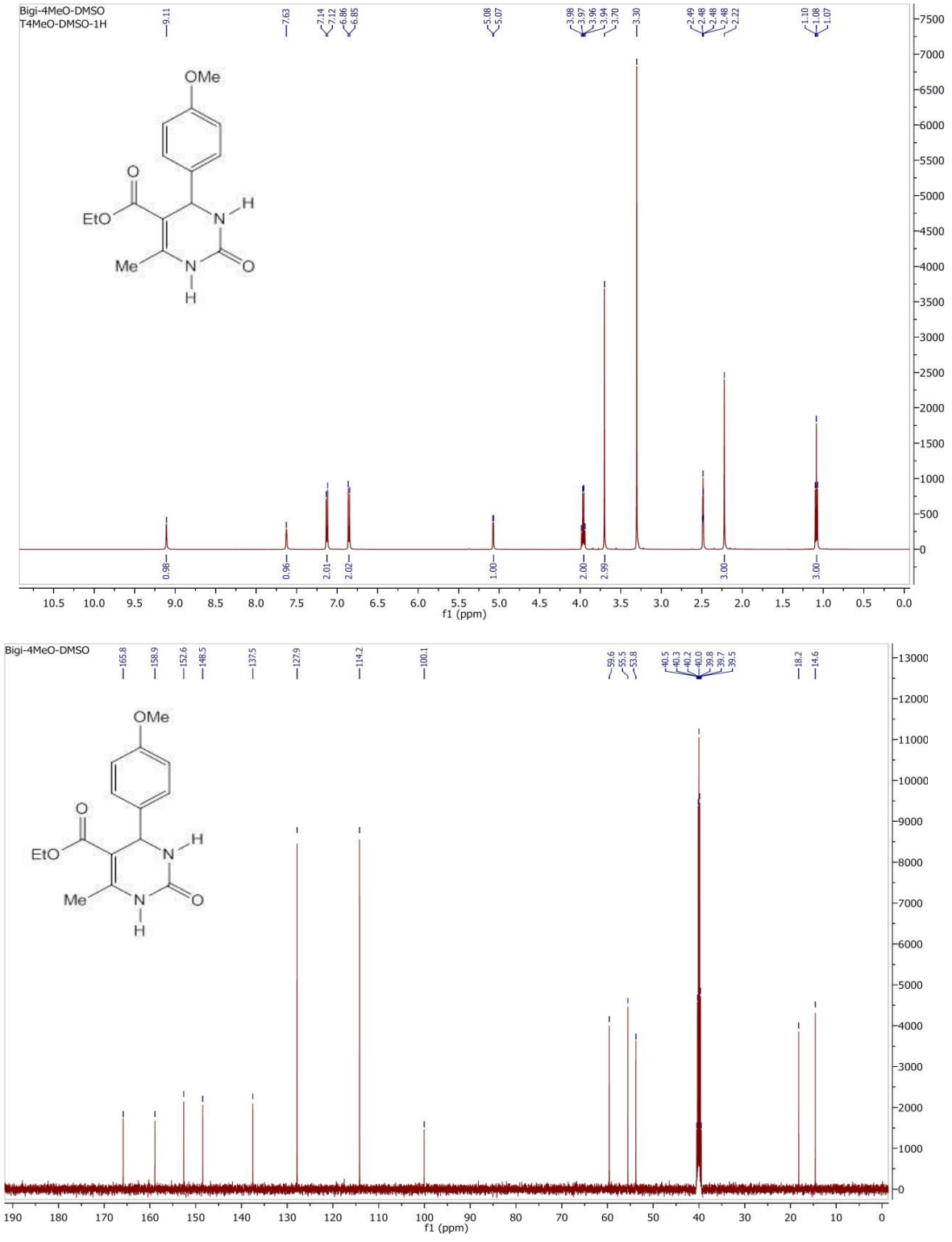


Figure S15. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(4-methoxyphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7m**).

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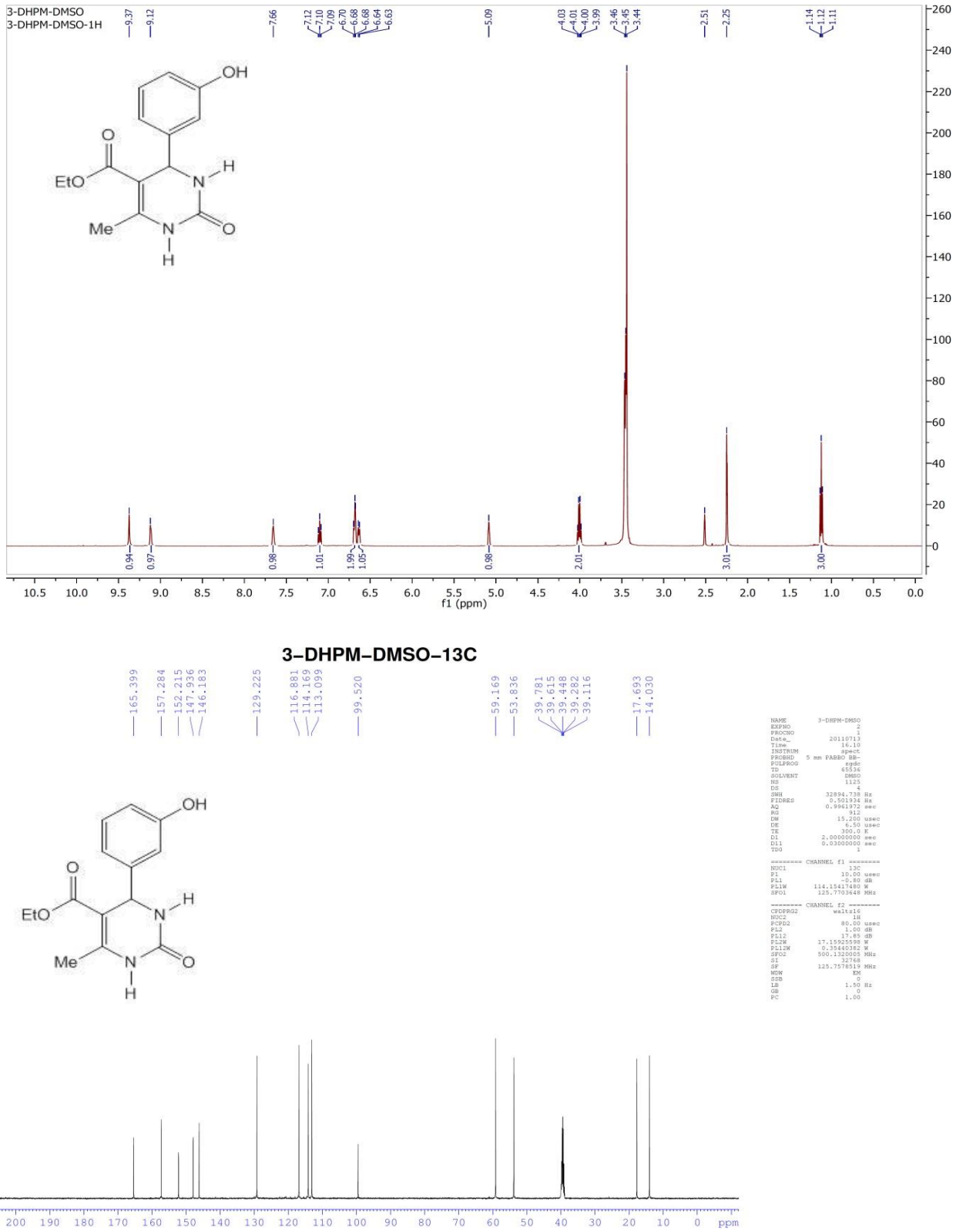


Figure S16. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-hydroxyphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7n**).

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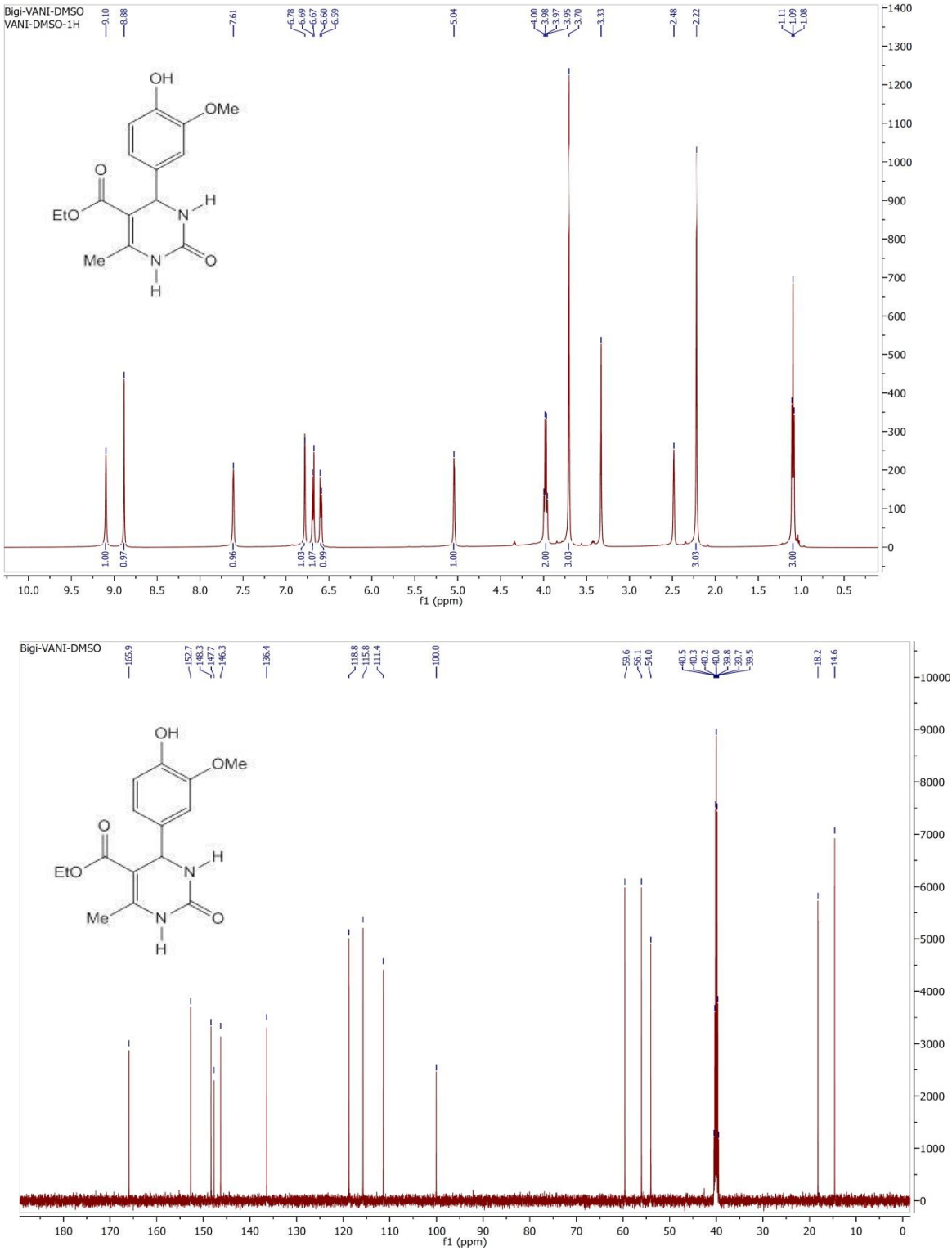


Figure S17. ^{1}H NMR, ^{13}C NMR of 5-ethoxycarbonyl-4-(3-methoxy-4-hydroxyphenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one (**7o**).

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