

## Supplementary Material

### Searching for a direct preparation of dihydropyrimidine-5-carboxamides under Biginelli reaction conditions

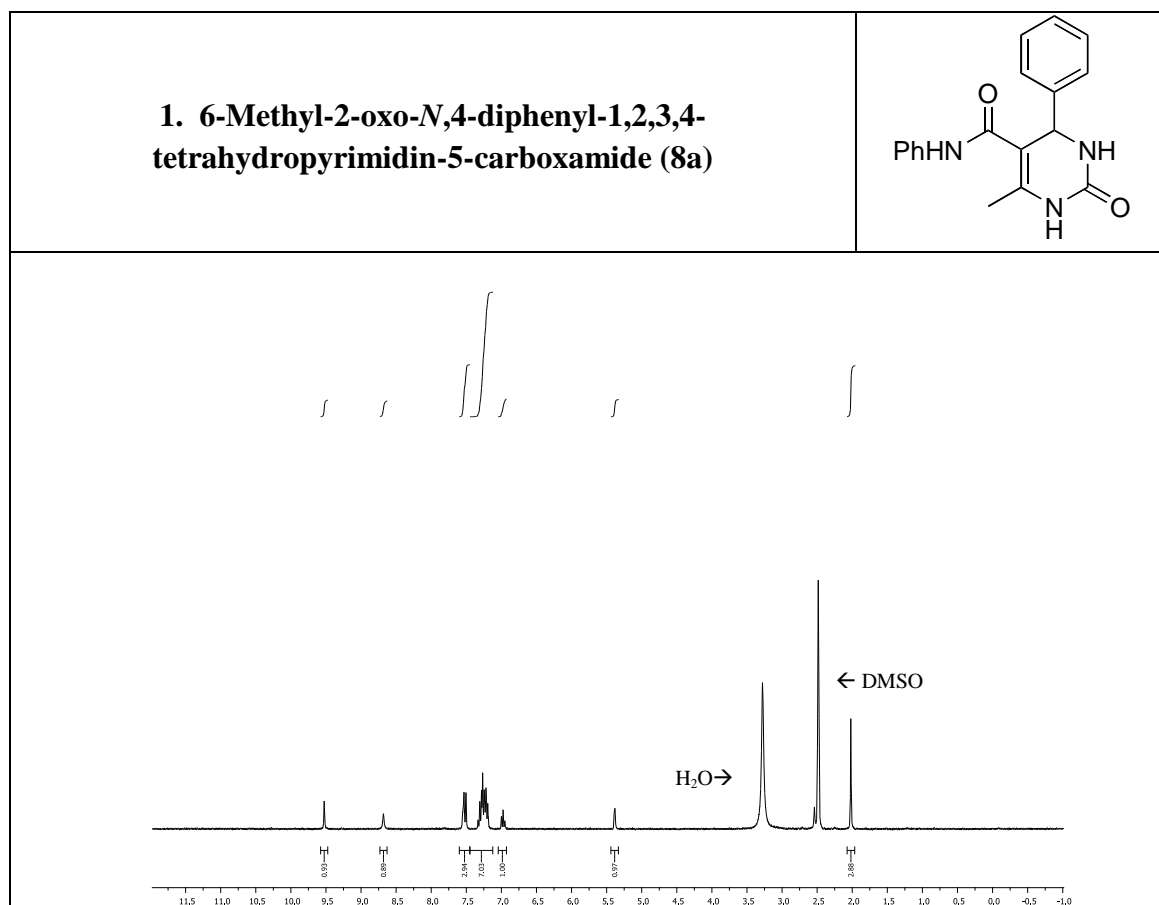
**Irantzu Couto, Imanol Tellitu,\* and Esther Domínguez**

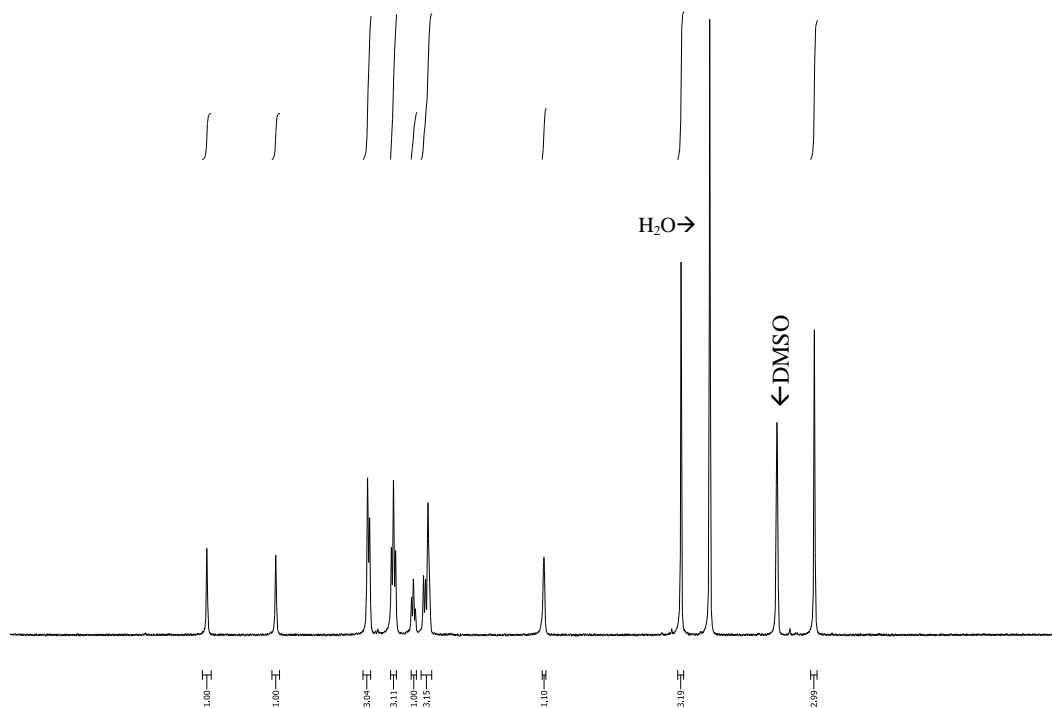
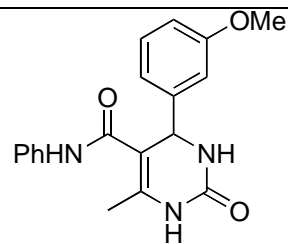
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48940 Leioa (Bizkaia), Spain  
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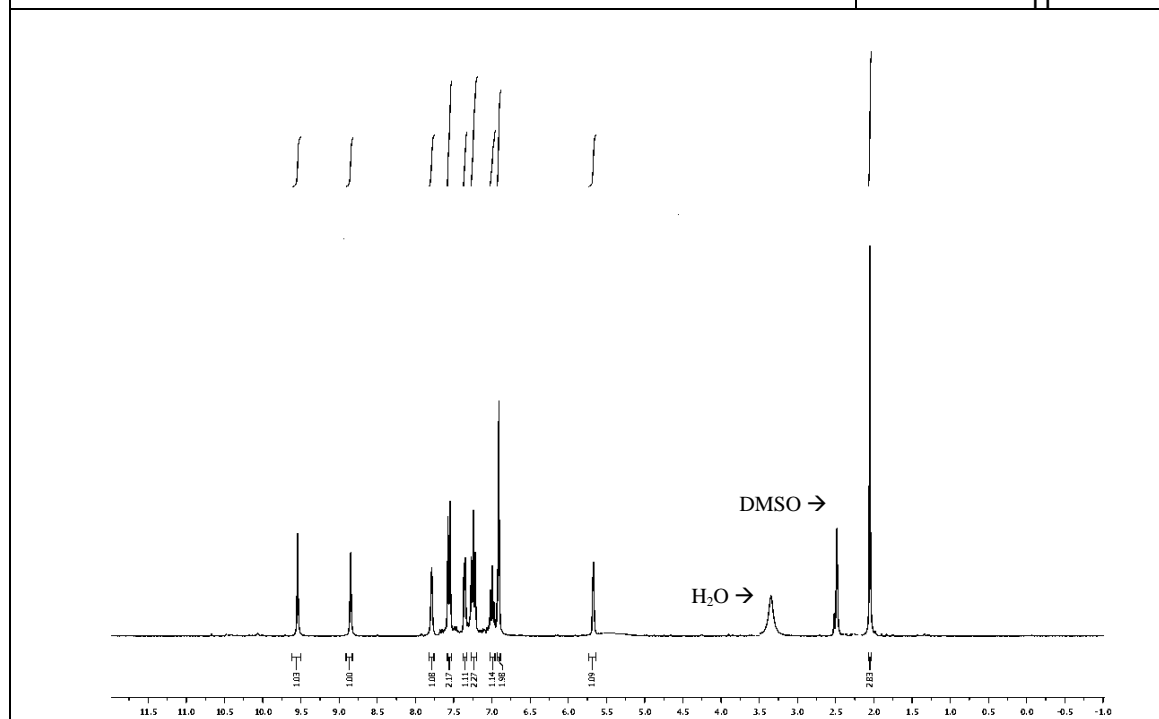
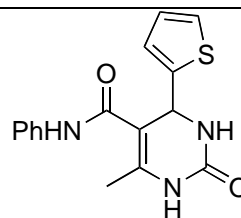
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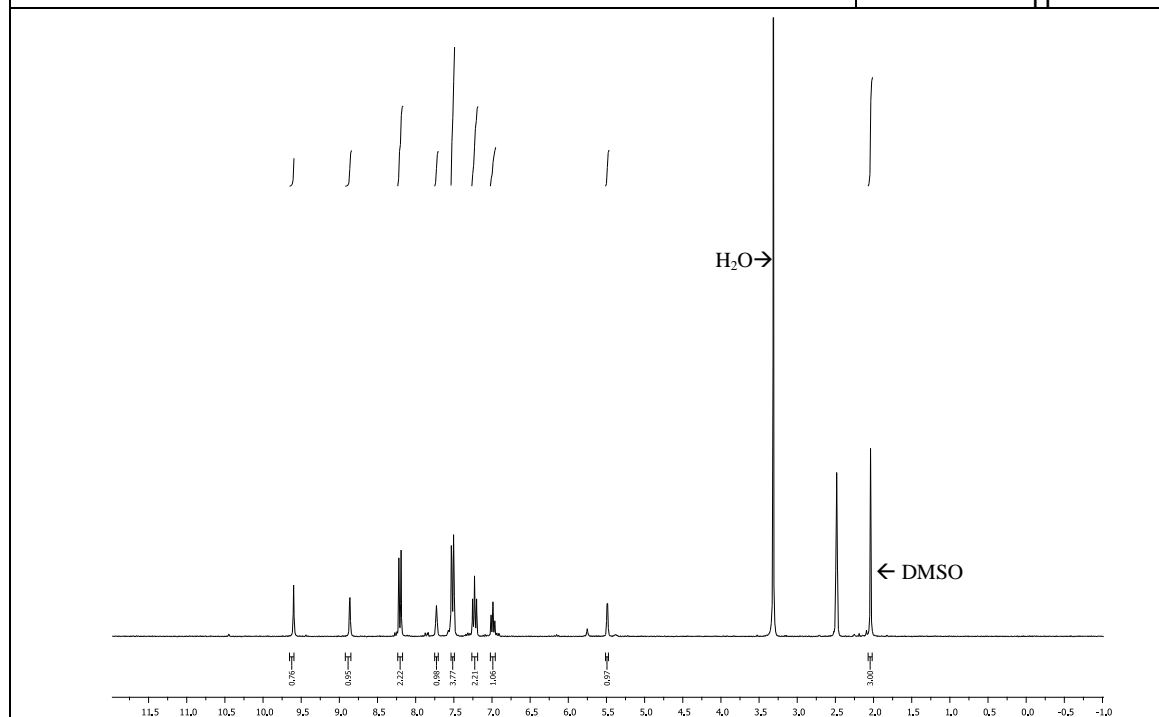
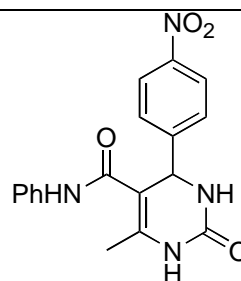
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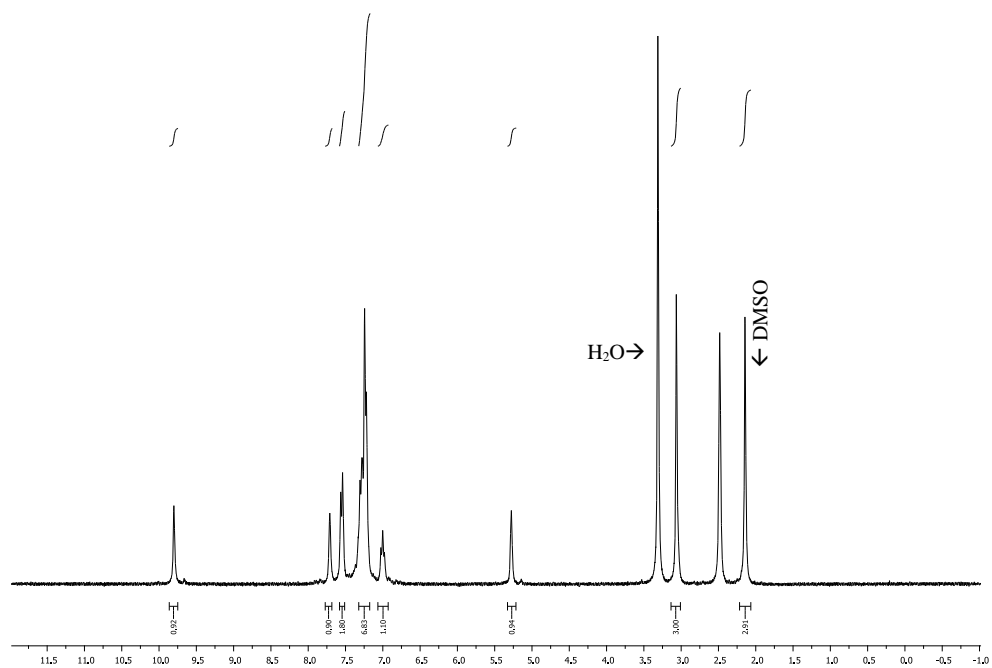
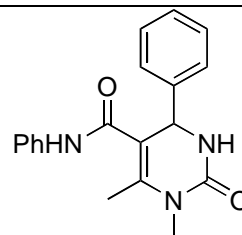


**2. 4-(3-Methoxyphenyl)-6-methyl-2-oxo-*N*-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8b)**

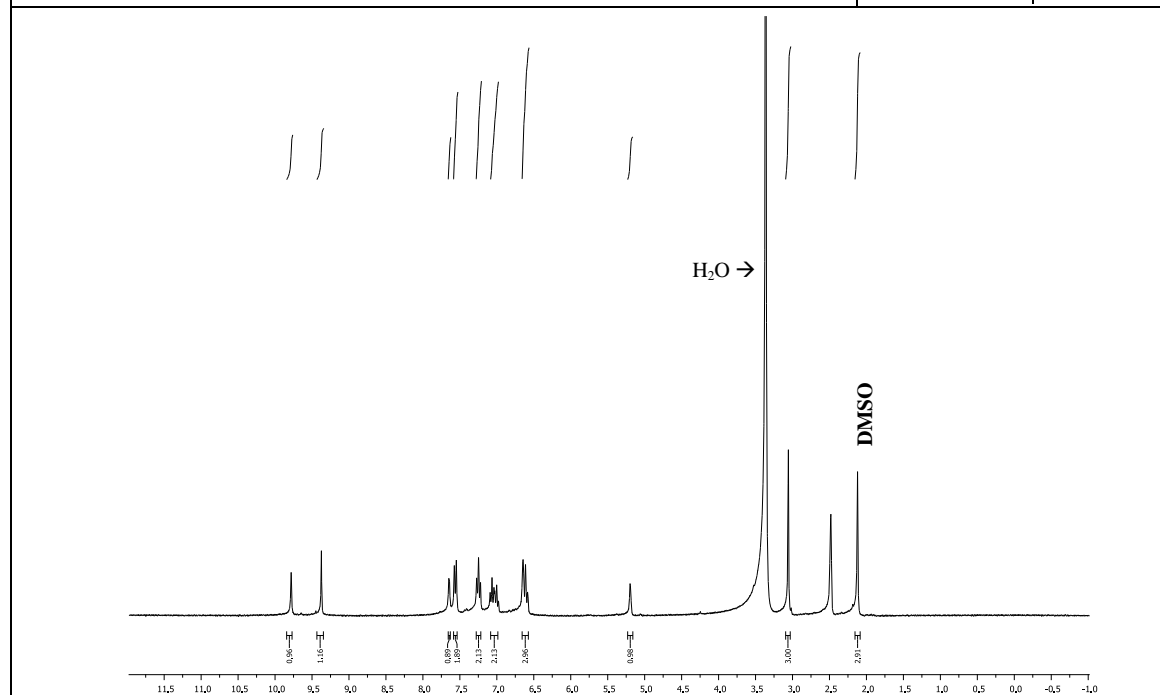
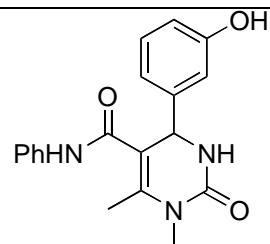
**3. 6-Methyl-2-oxo-N-phenyl-4-(2-thienyl)-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8c)**

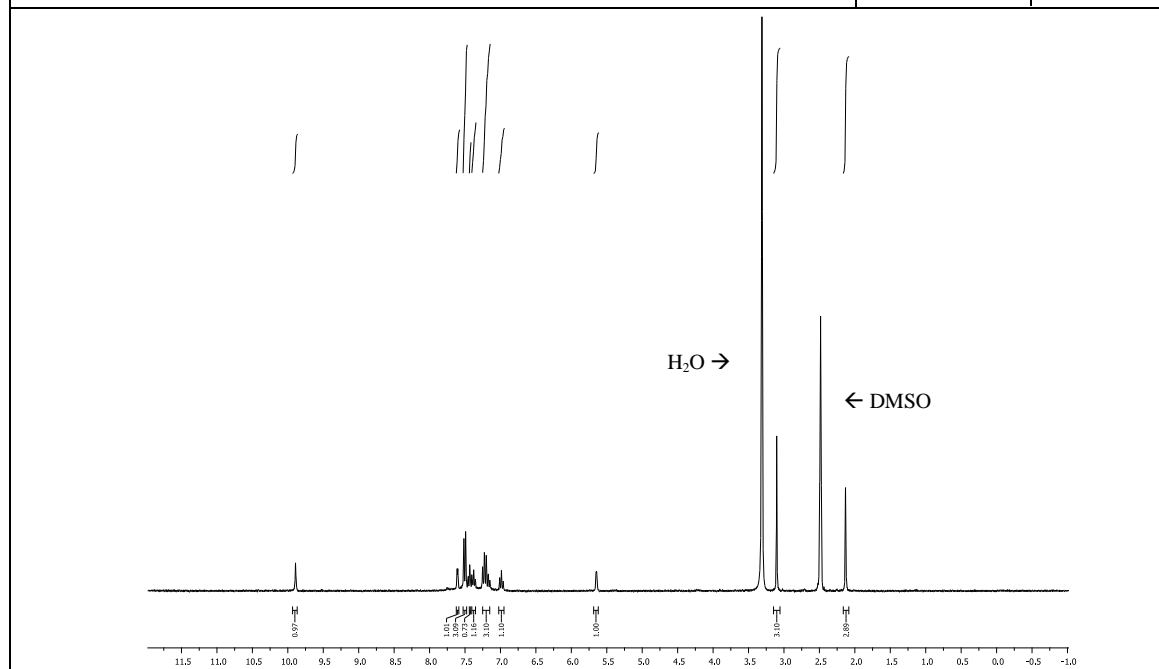
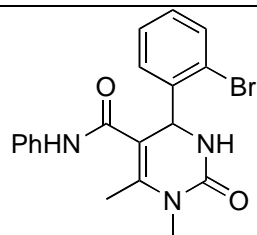
**4. 6-Methyl-4-(4-nitrophenyl)-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8d)**

**5. 1,6-Dimethyl-2-oxo-*N*,4-diphenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8e)**

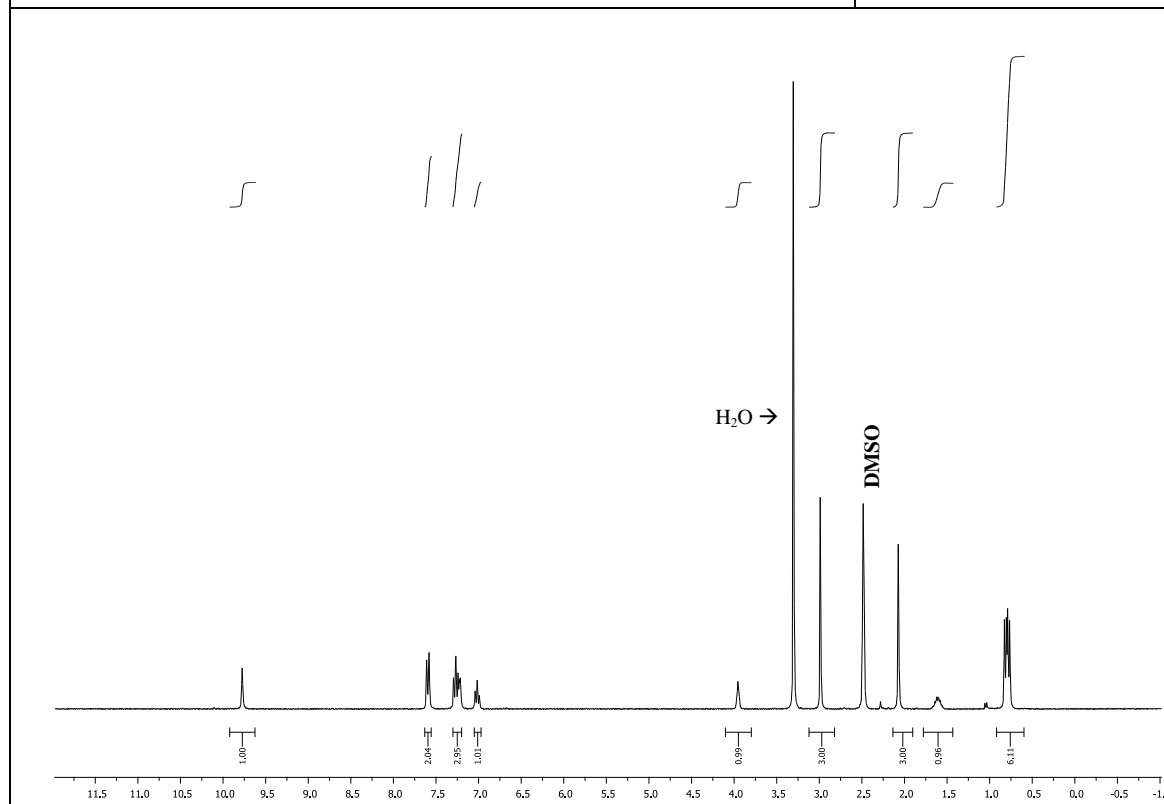
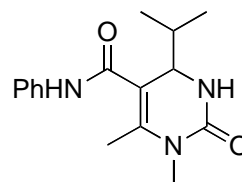


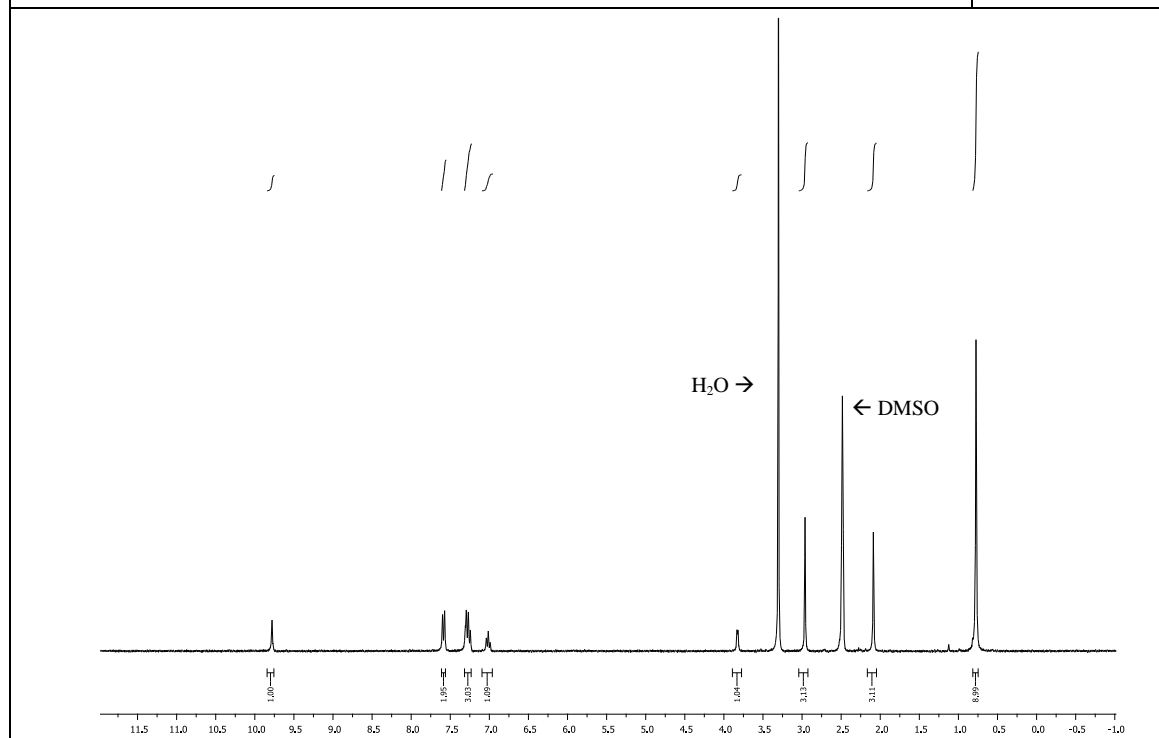
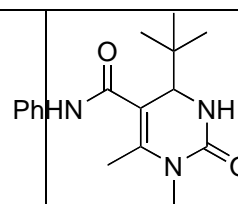
**6. 4-(3-Hydroxyphenyl)-1,6-dimethyl-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8f)**

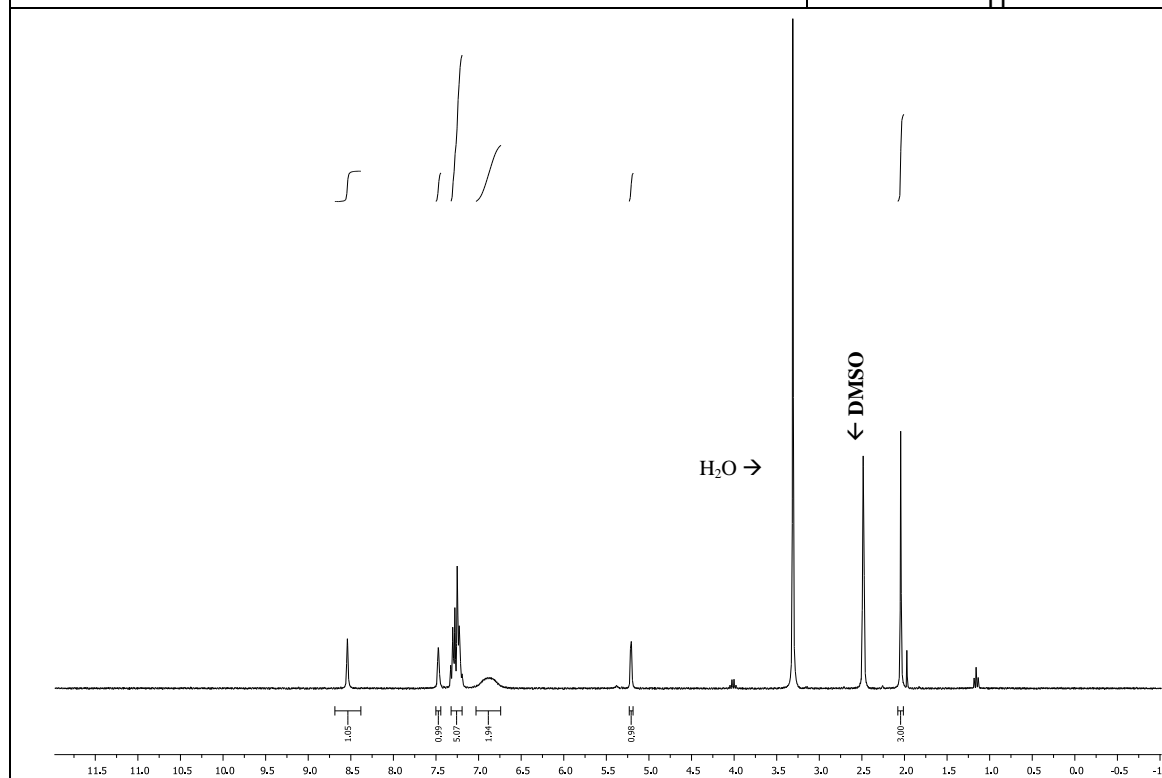
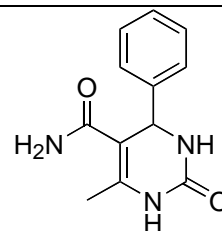


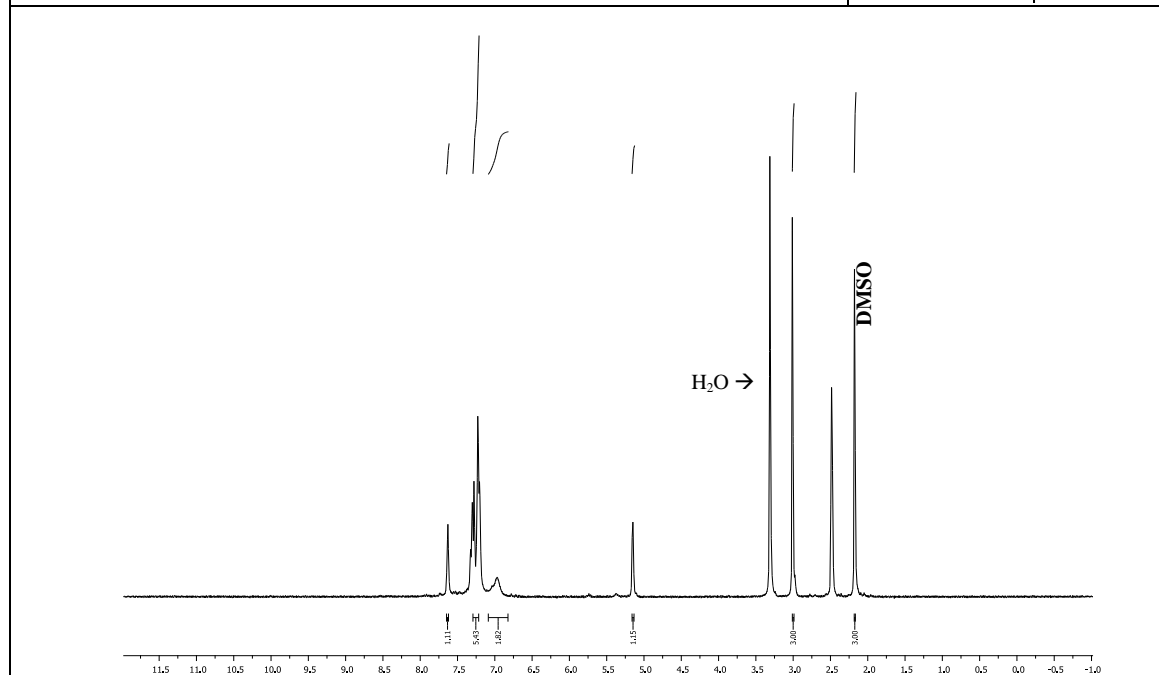
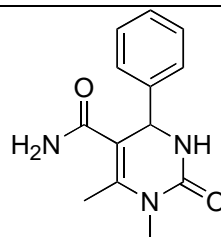
**7. 4-(2-Bromophenyl)-1,6-dimethyl-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8g)**

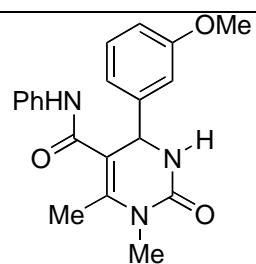


**8. 1,6-Dimethyl-4-isopropyl-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8h)**

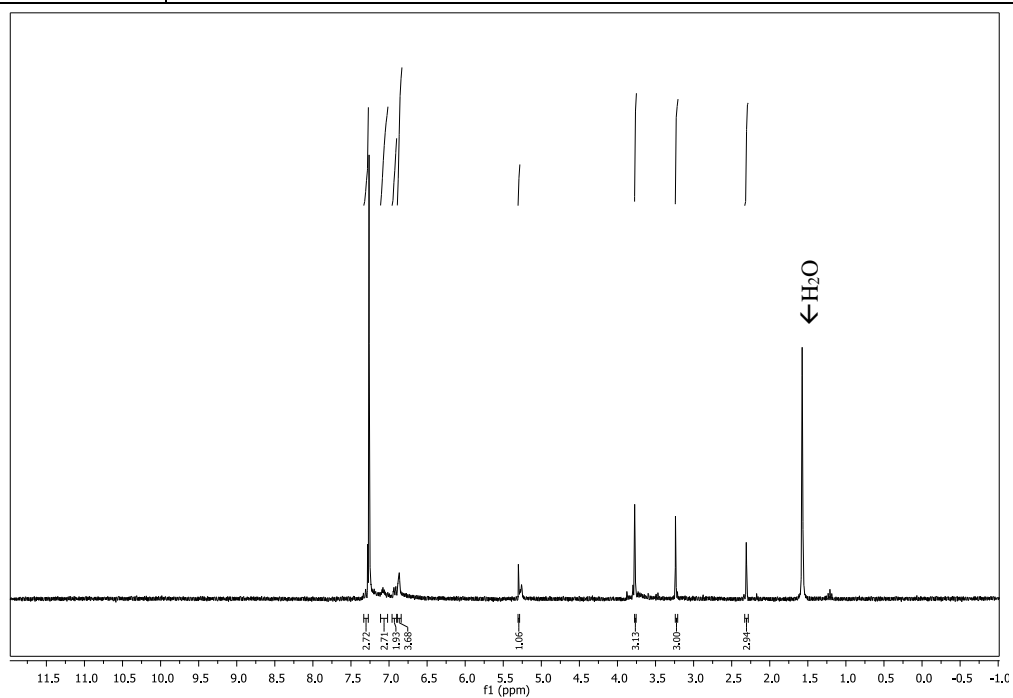
**9. 4-tert-Butyl-1,6-dimethyl-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8i)**

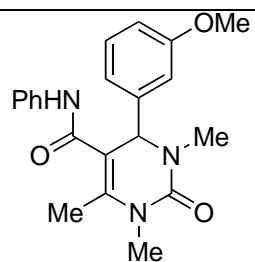
**10. 6-Methyl-2-oxo-4-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8j)**

**11. 1,6-Dimethyl-2-oxo-4-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8k)**

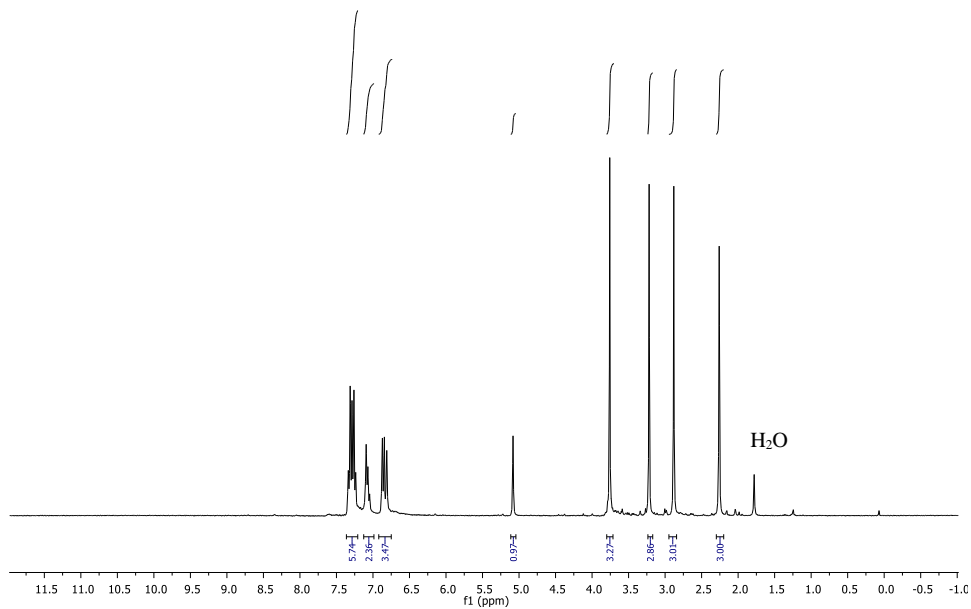


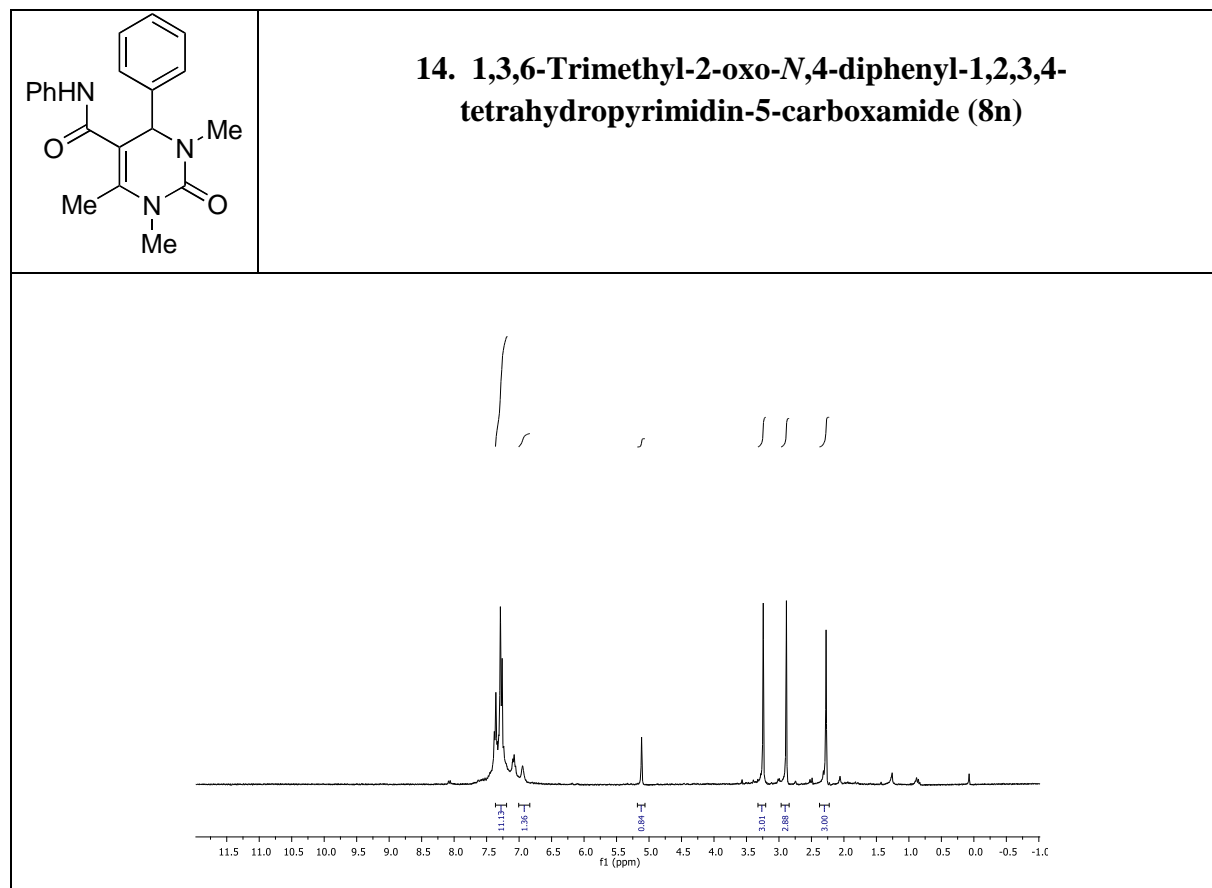
**12. 4-(3-Methoxyphenyl)-1,6-dimethyl-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (81)**

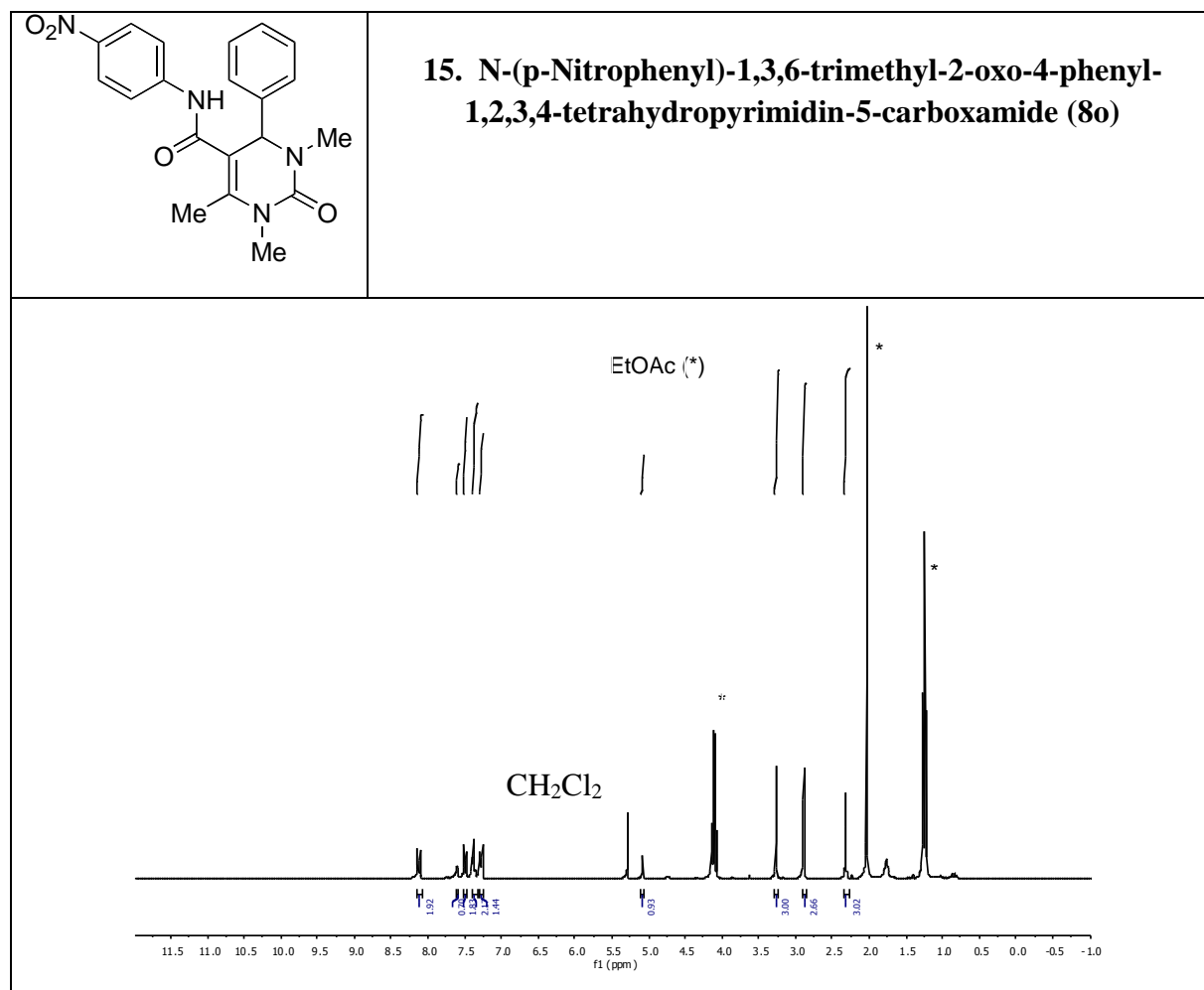




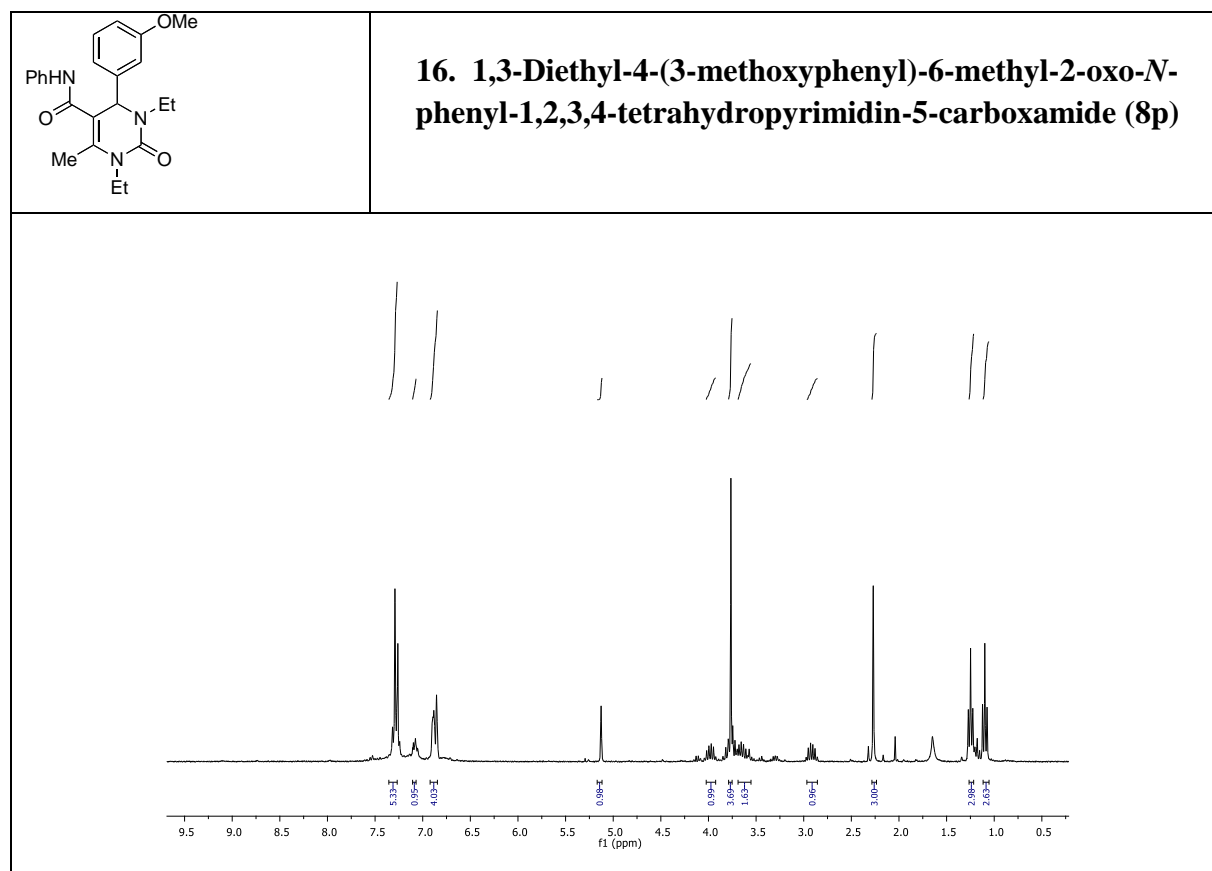
**13. 4-(3-Methoxyphenyl)-1,3,6-trimethyl-2-oxo-*N*-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8m)**

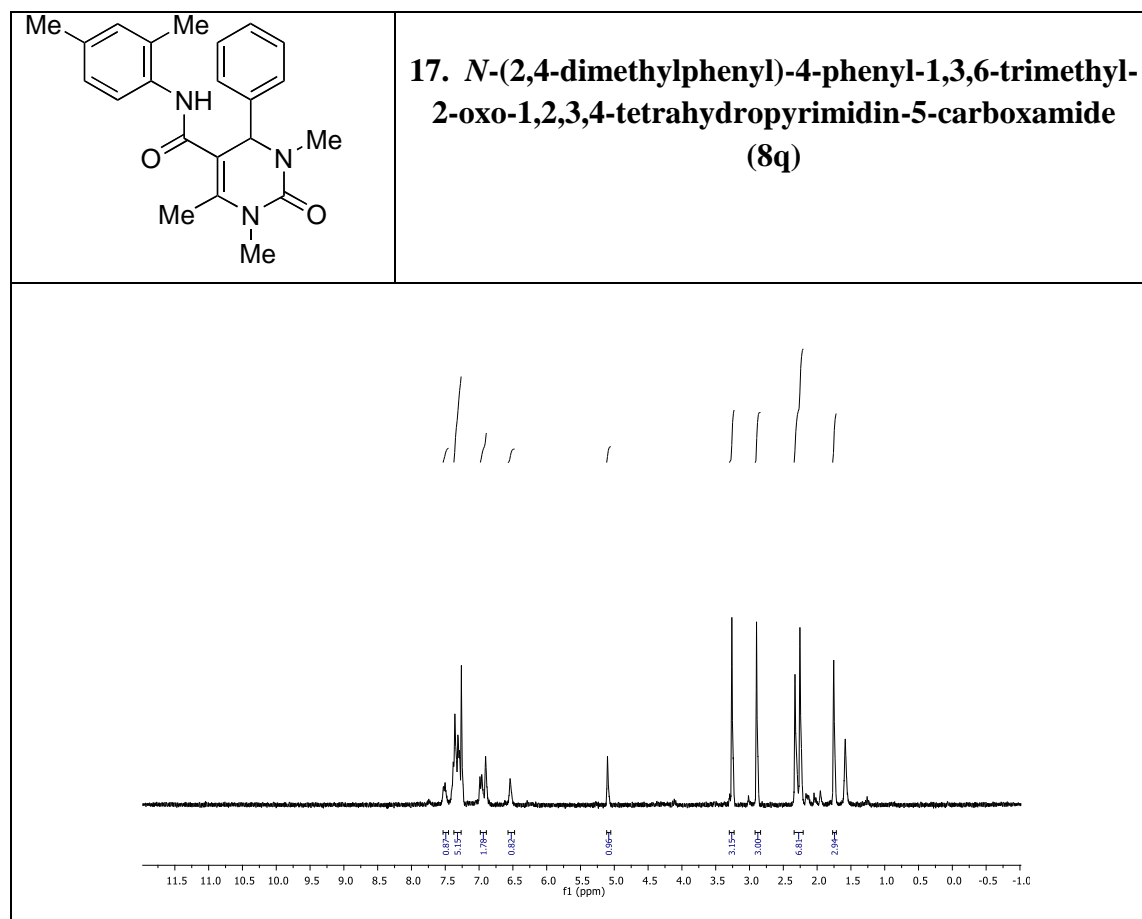


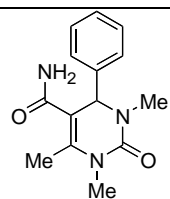




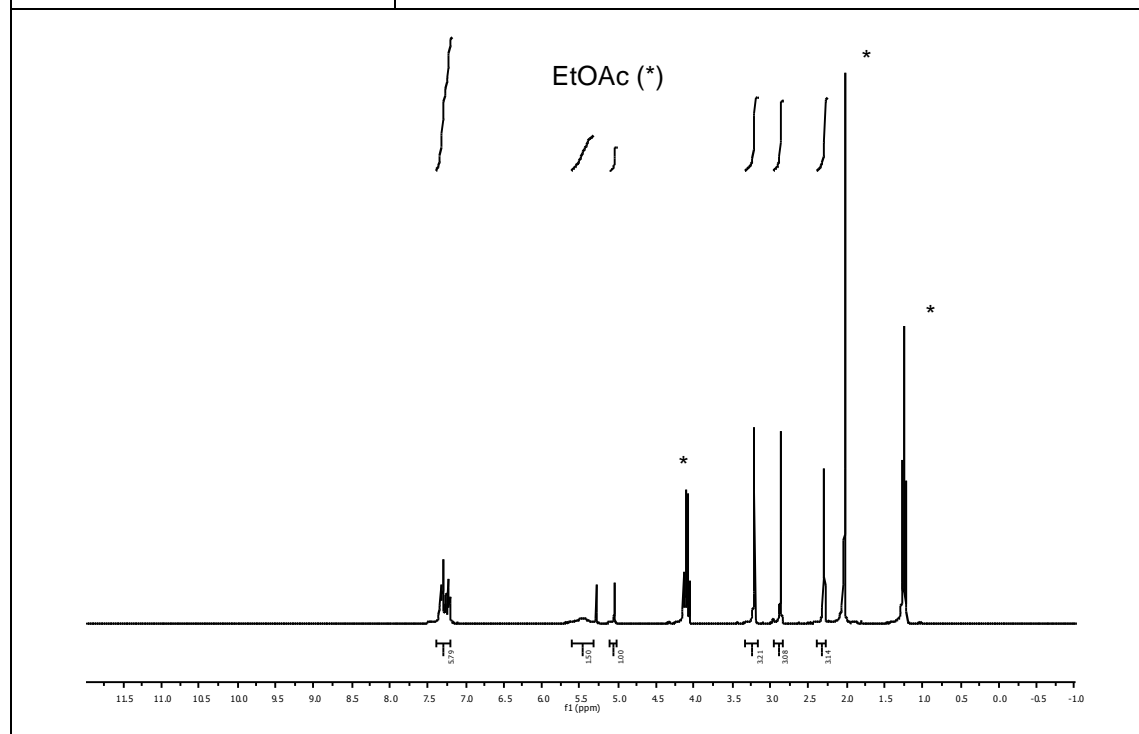


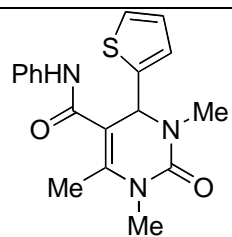




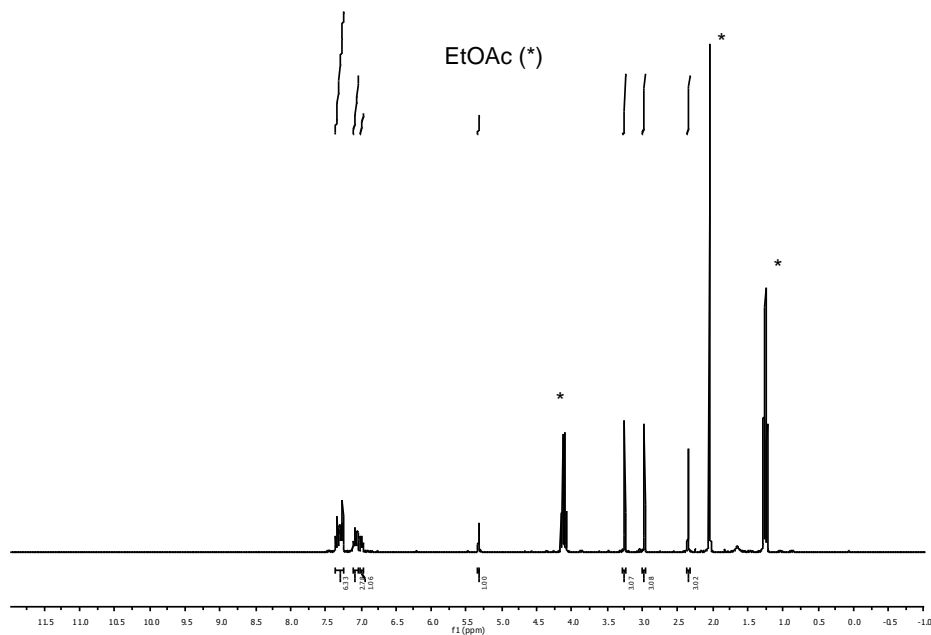


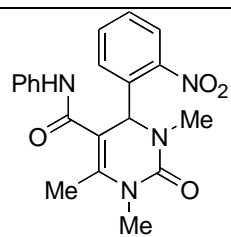
**18. 1,3,6-Trimethyl-2-oxo-4-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8r)**





**19.** 1,3,6-Trimethyl-4-(2-thienyl)-2-oxo-*N*-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (**8s**)





**20. 1,3,6-Trimethyl-4-(o-nitrophenyl)-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidin-5-carboxamide (8t)**

