

Supporting Information

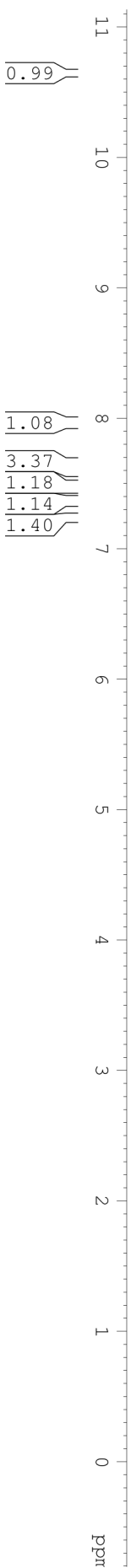
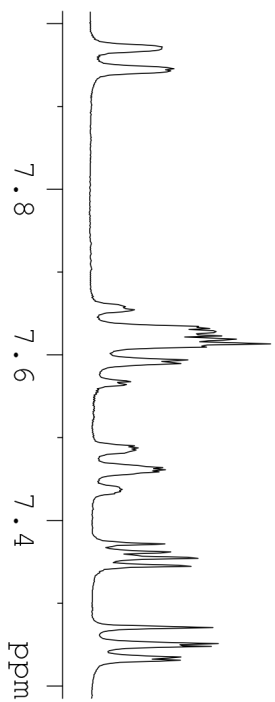
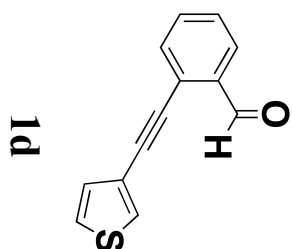
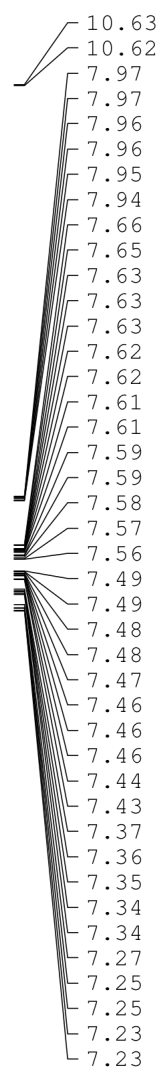
Gold film-catalysed benzannulation by Microwave-Assisted, Continuous Flow Organic Synthesis (MACOS)

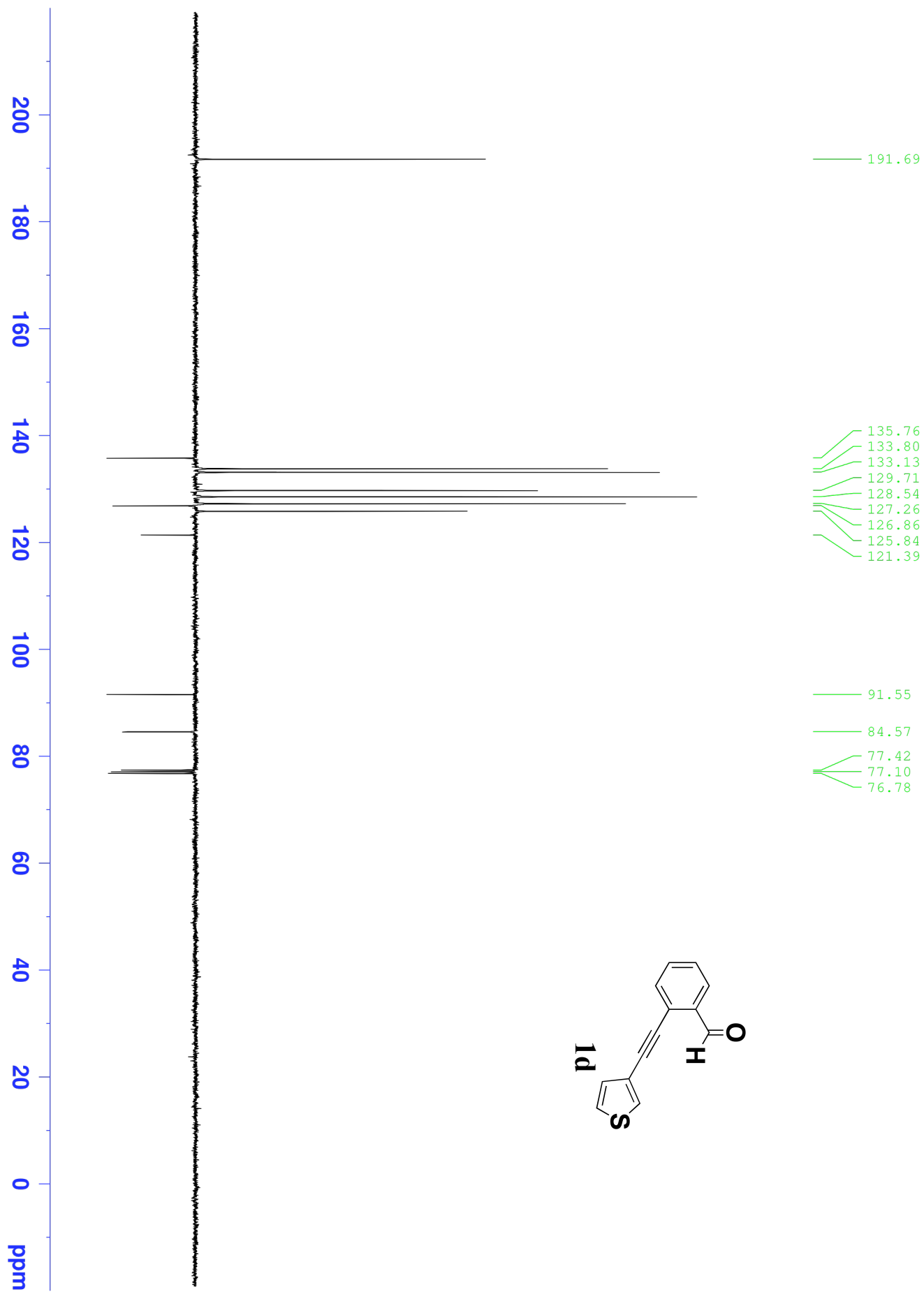
Gjergji Shore, Michael Tsimmerman and Michael G. Organ*

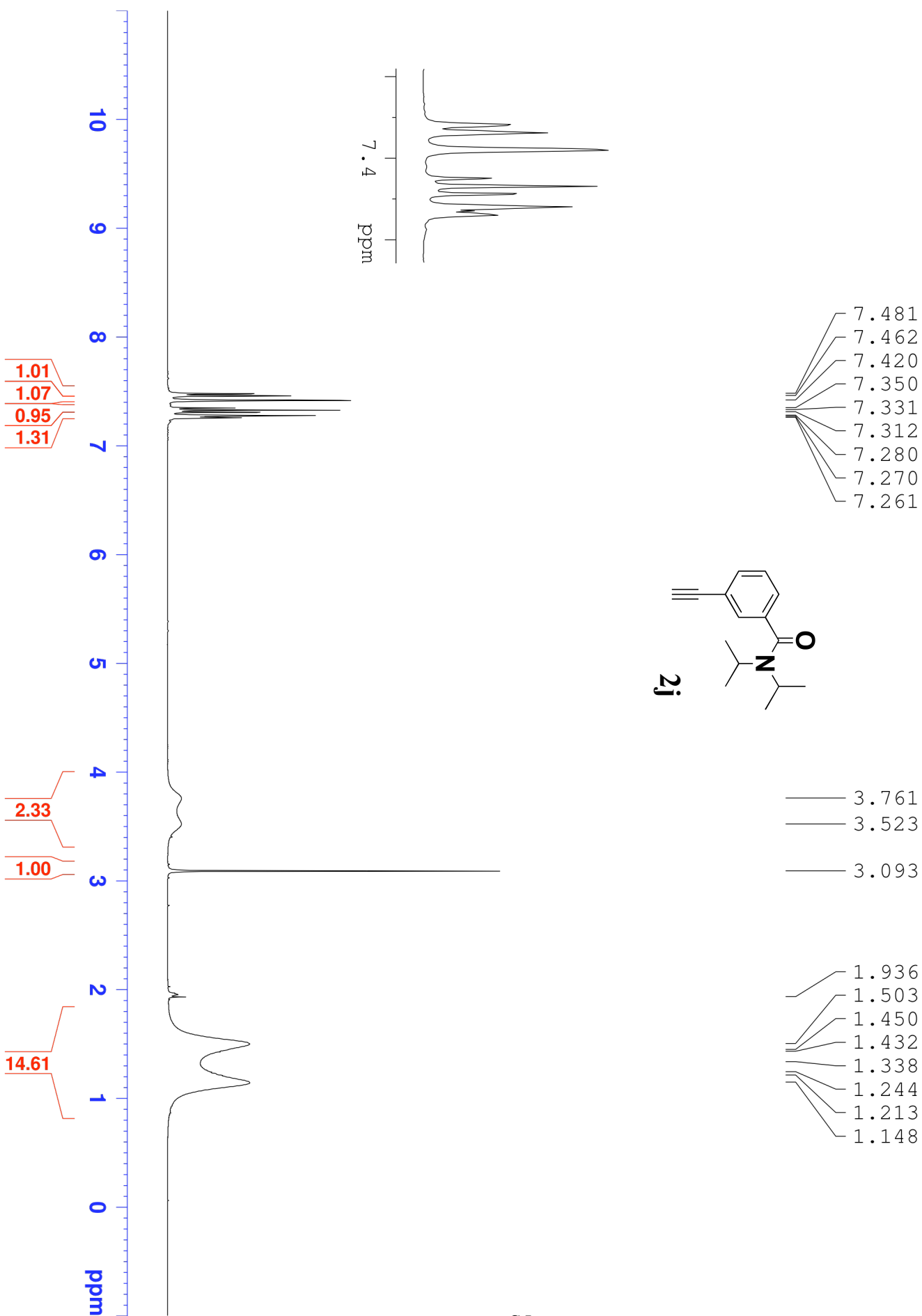
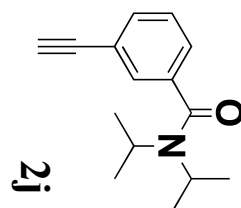
Department of Chemistry, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada
e-mail: organ@yorku.ca

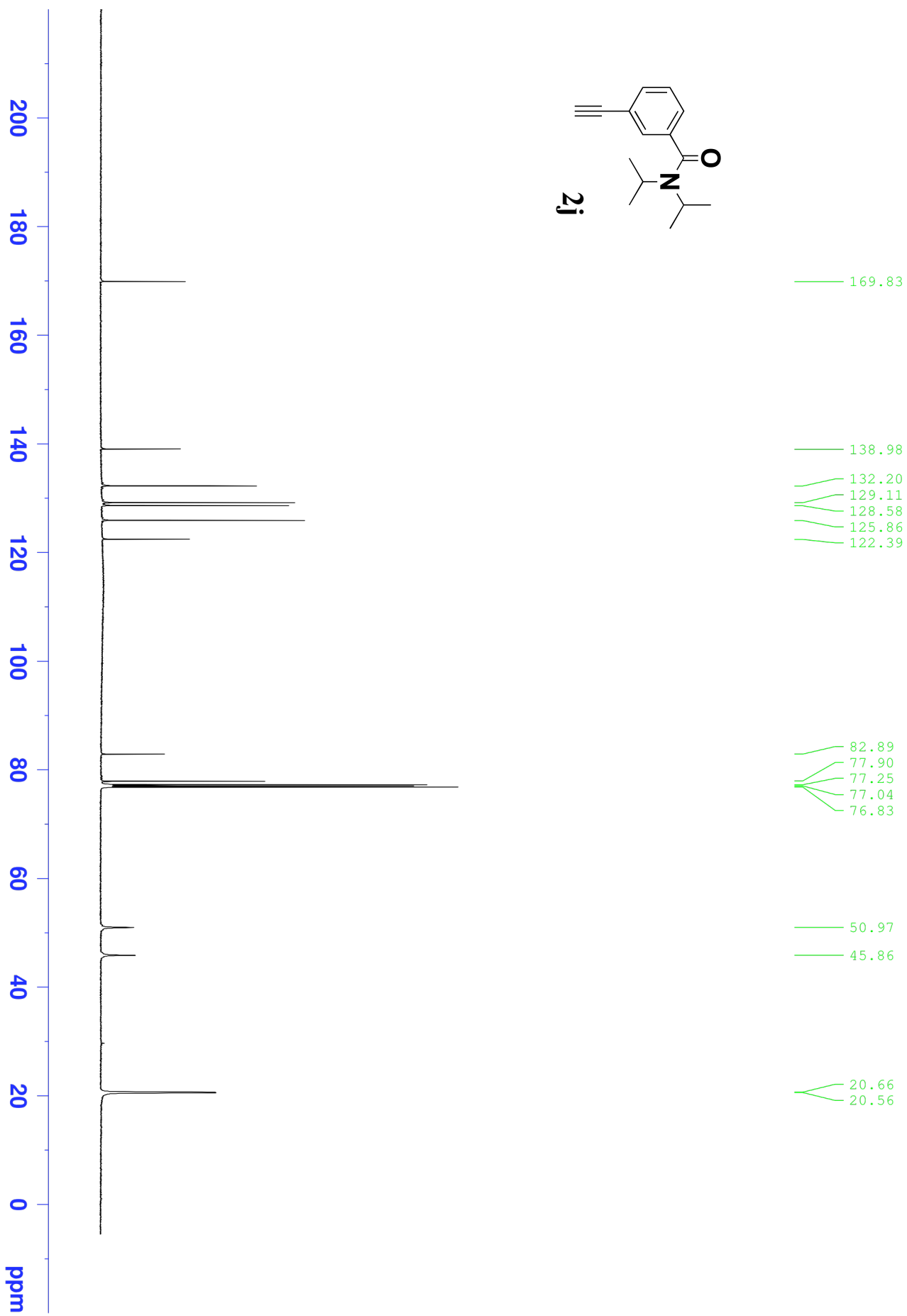
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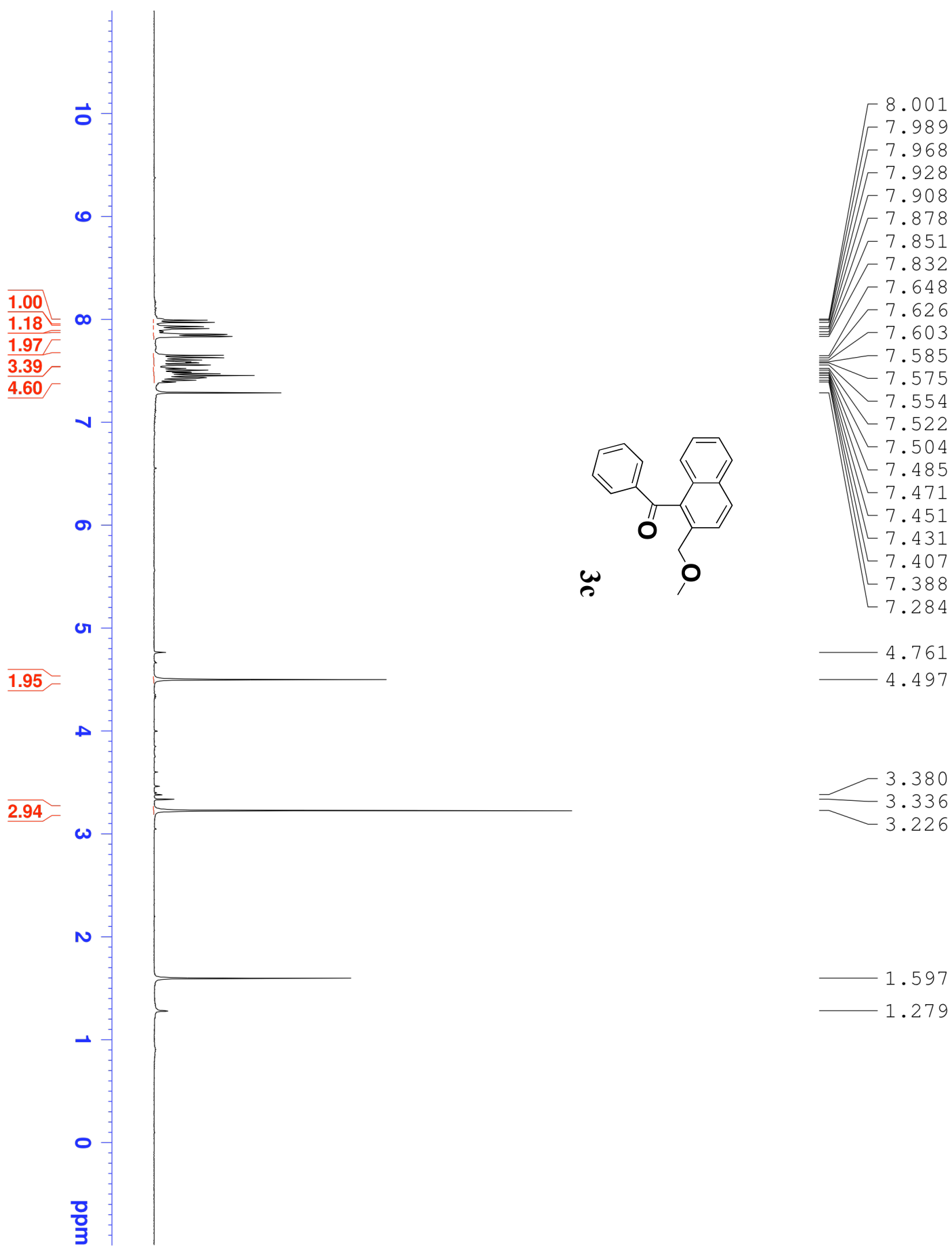
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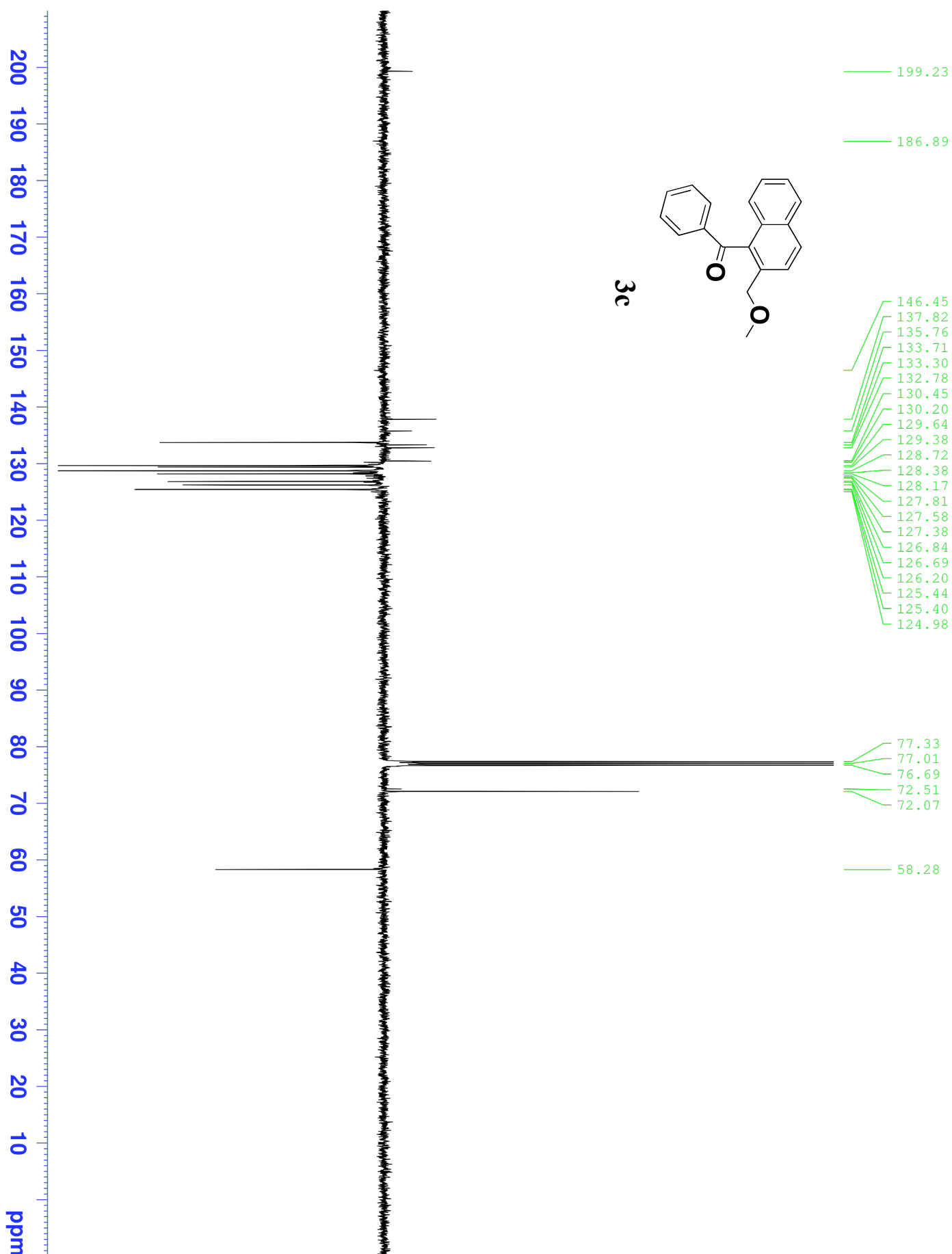


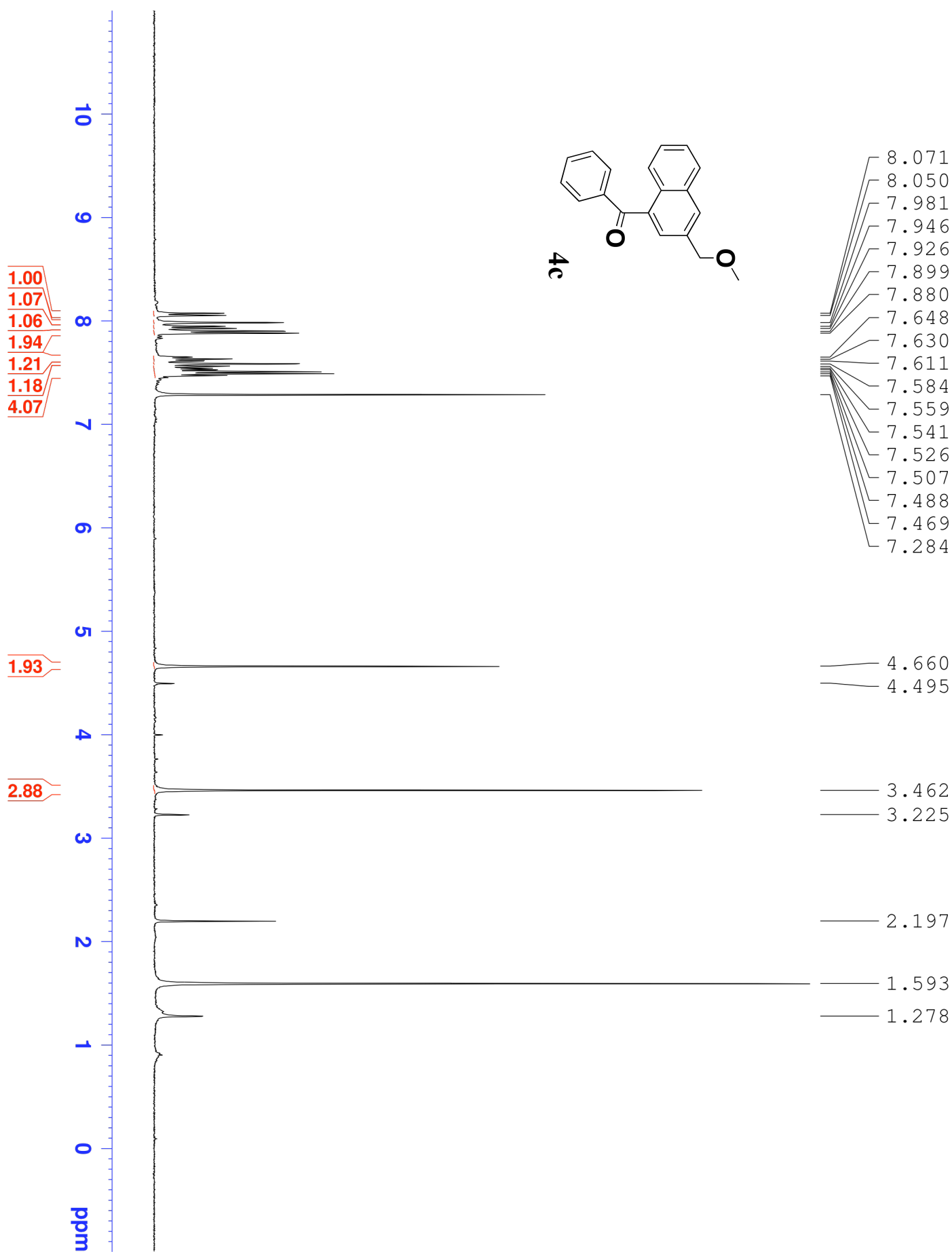
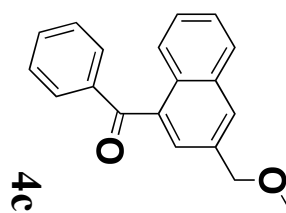


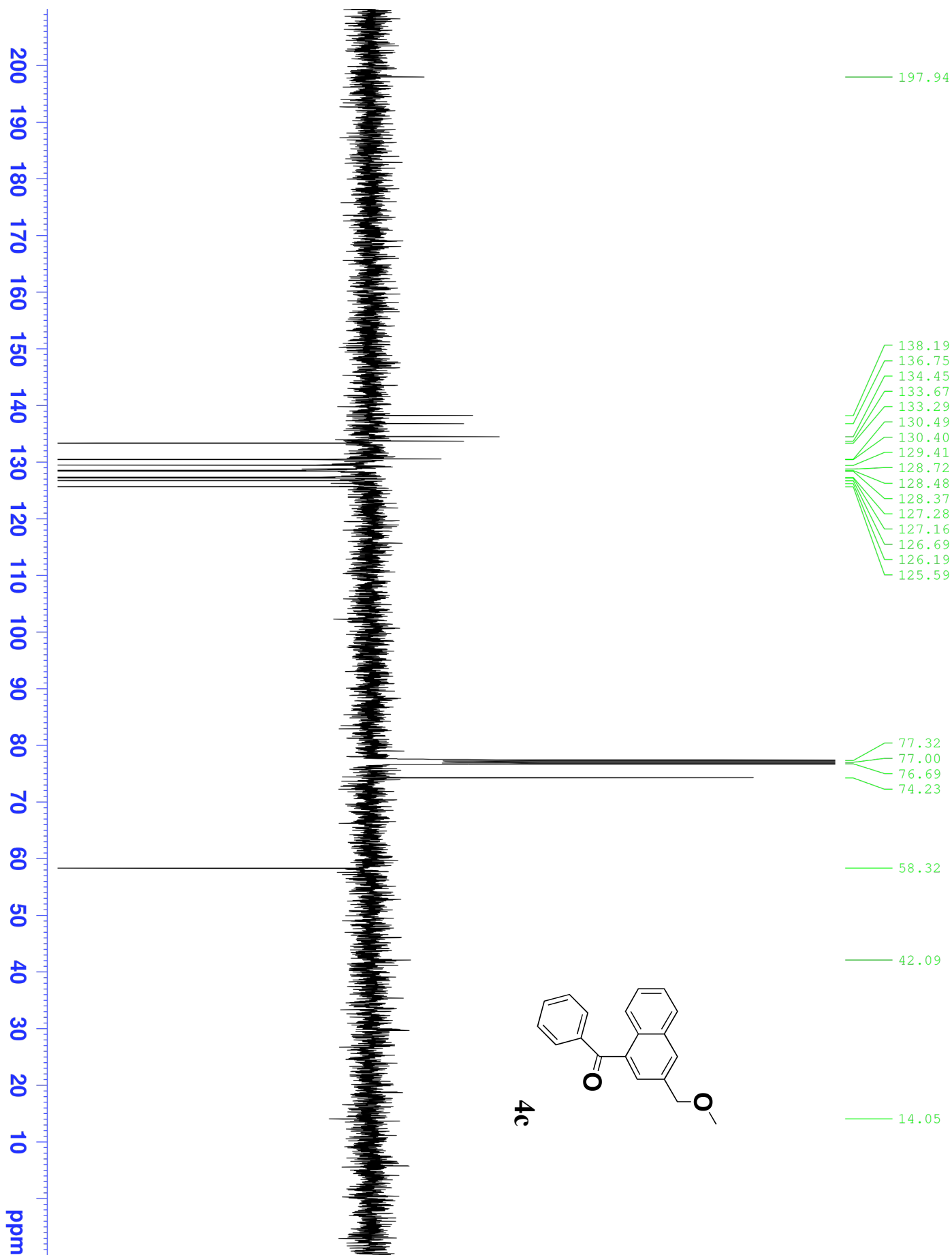


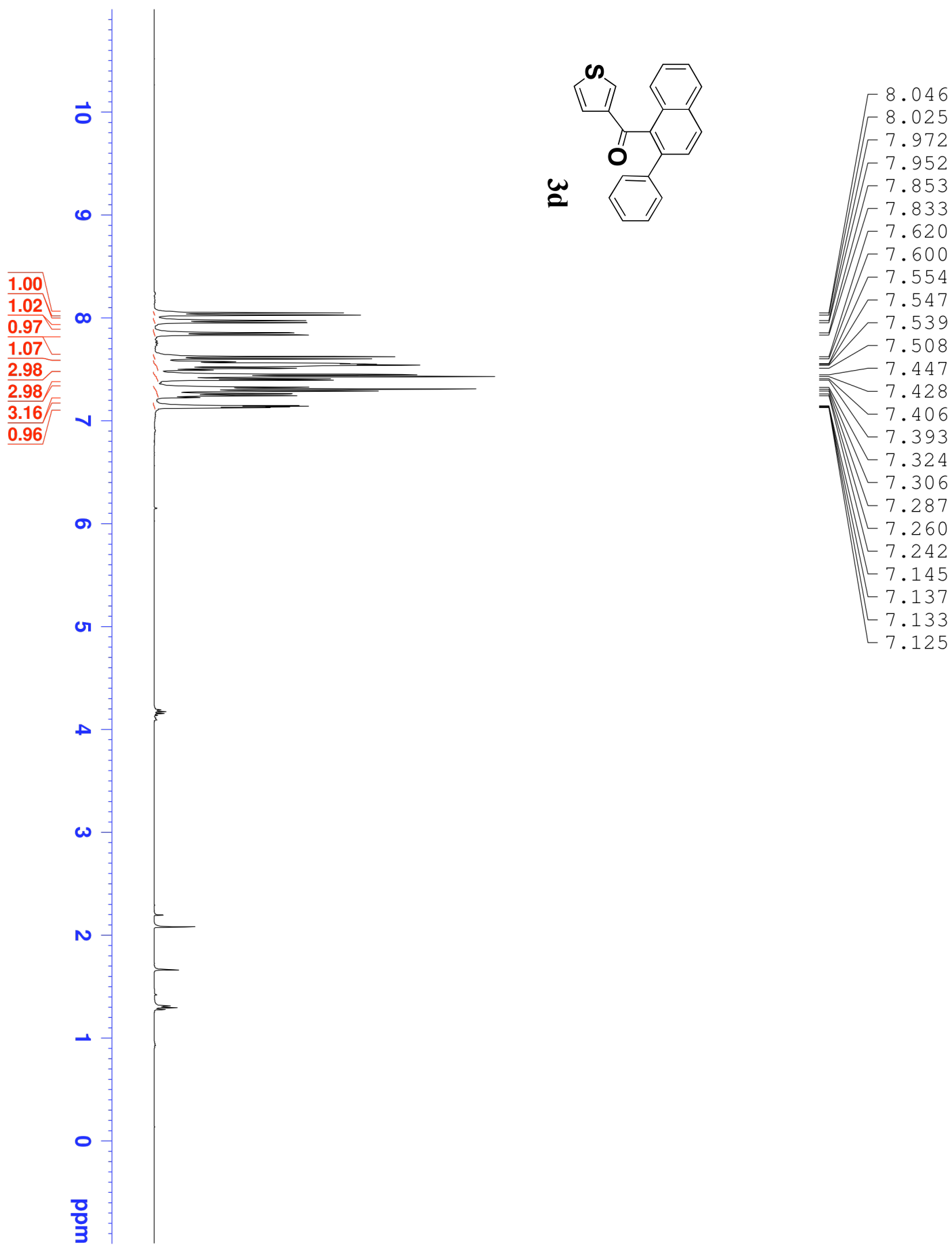
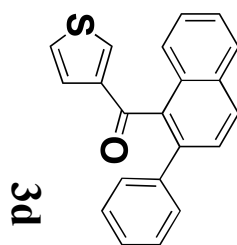


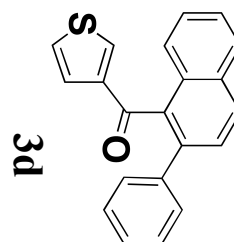




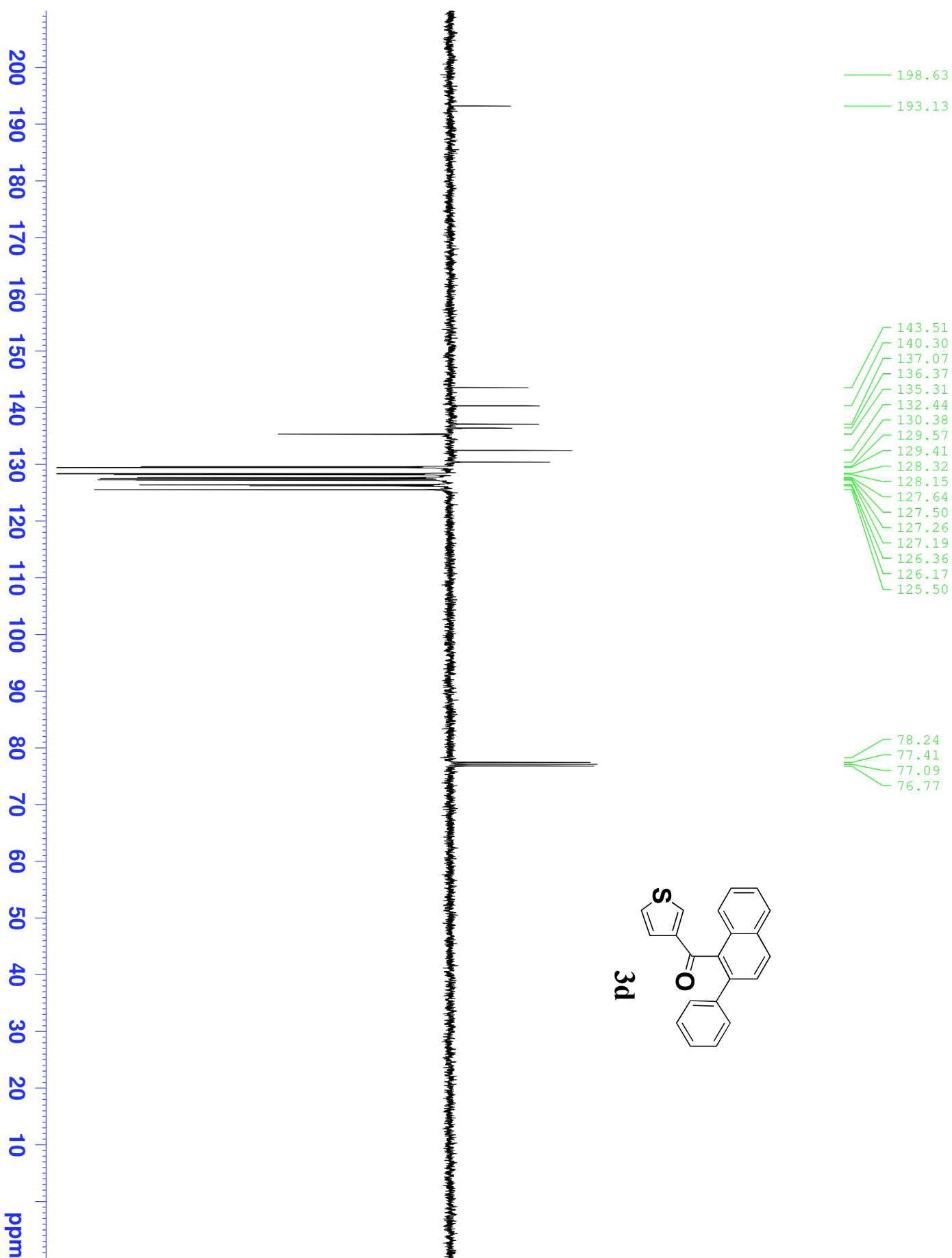


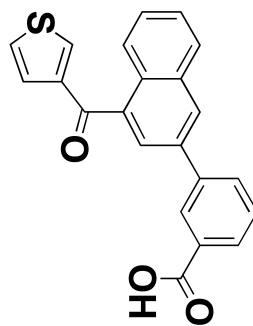






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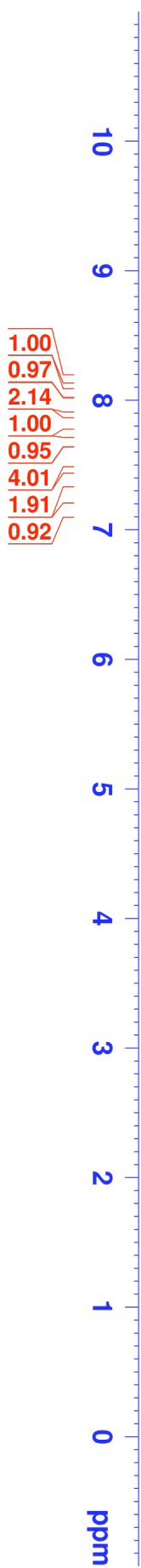


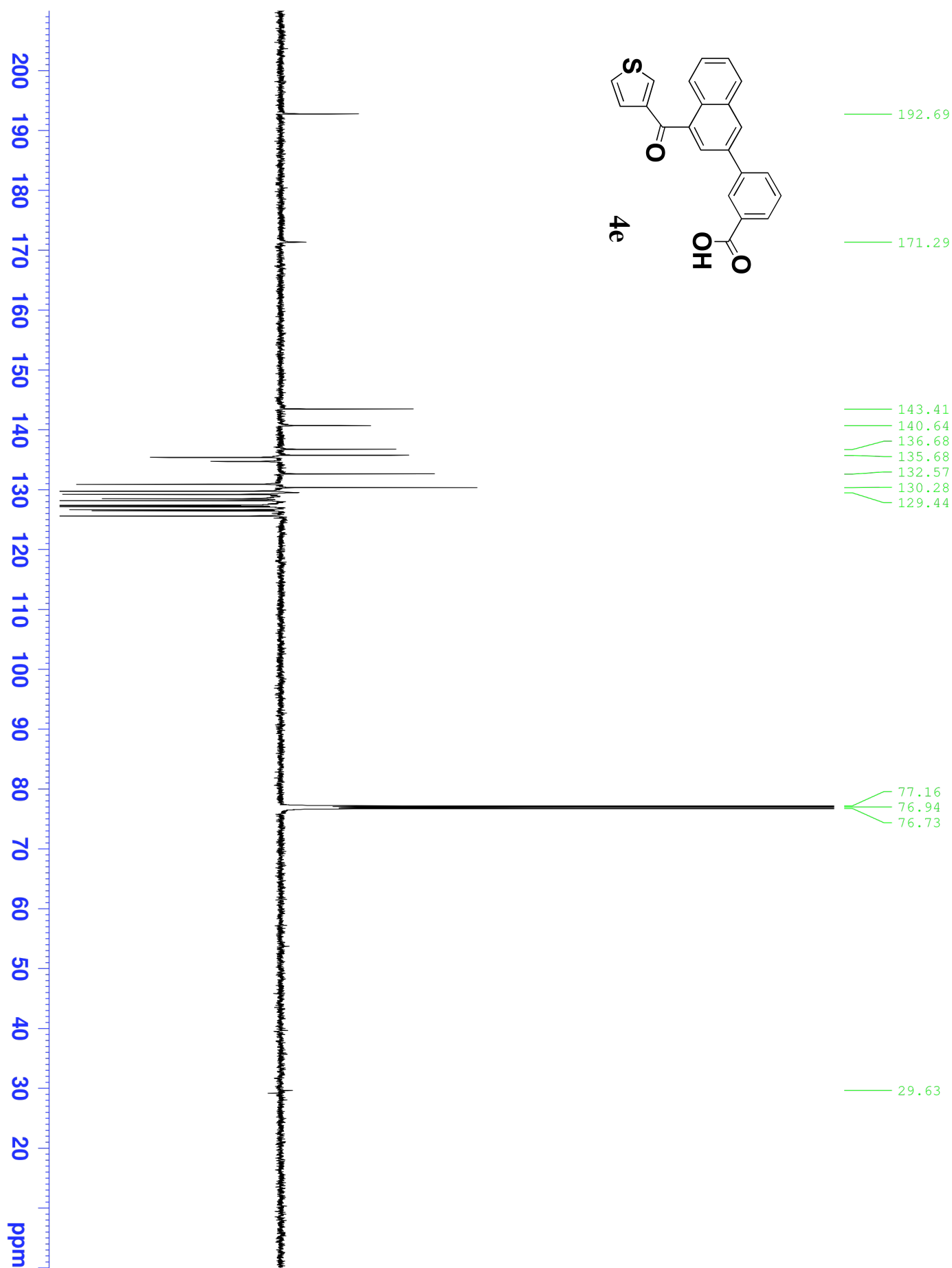
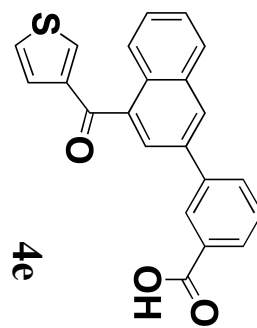


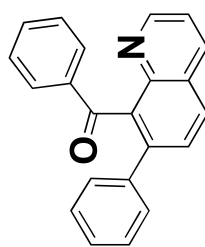
4e

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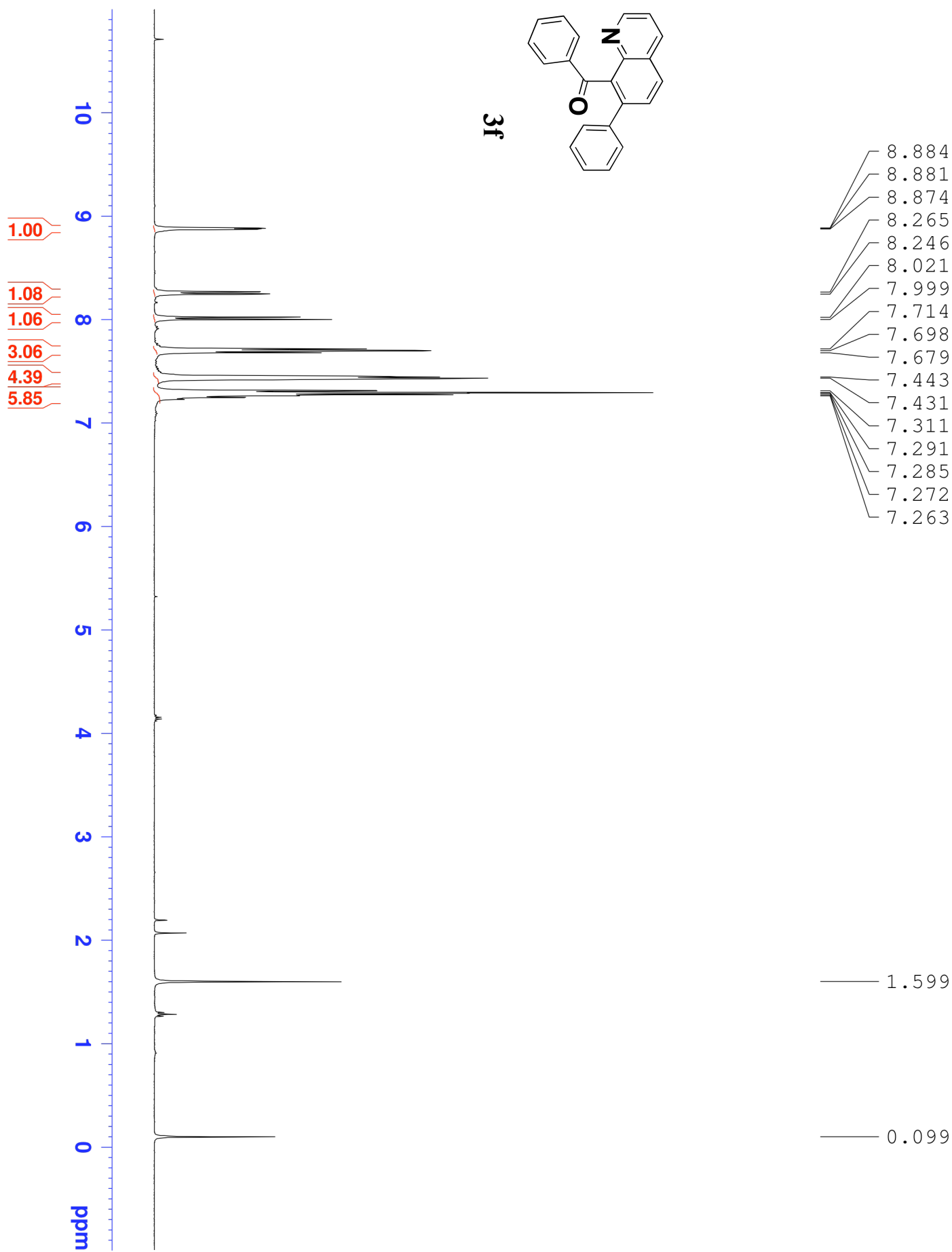
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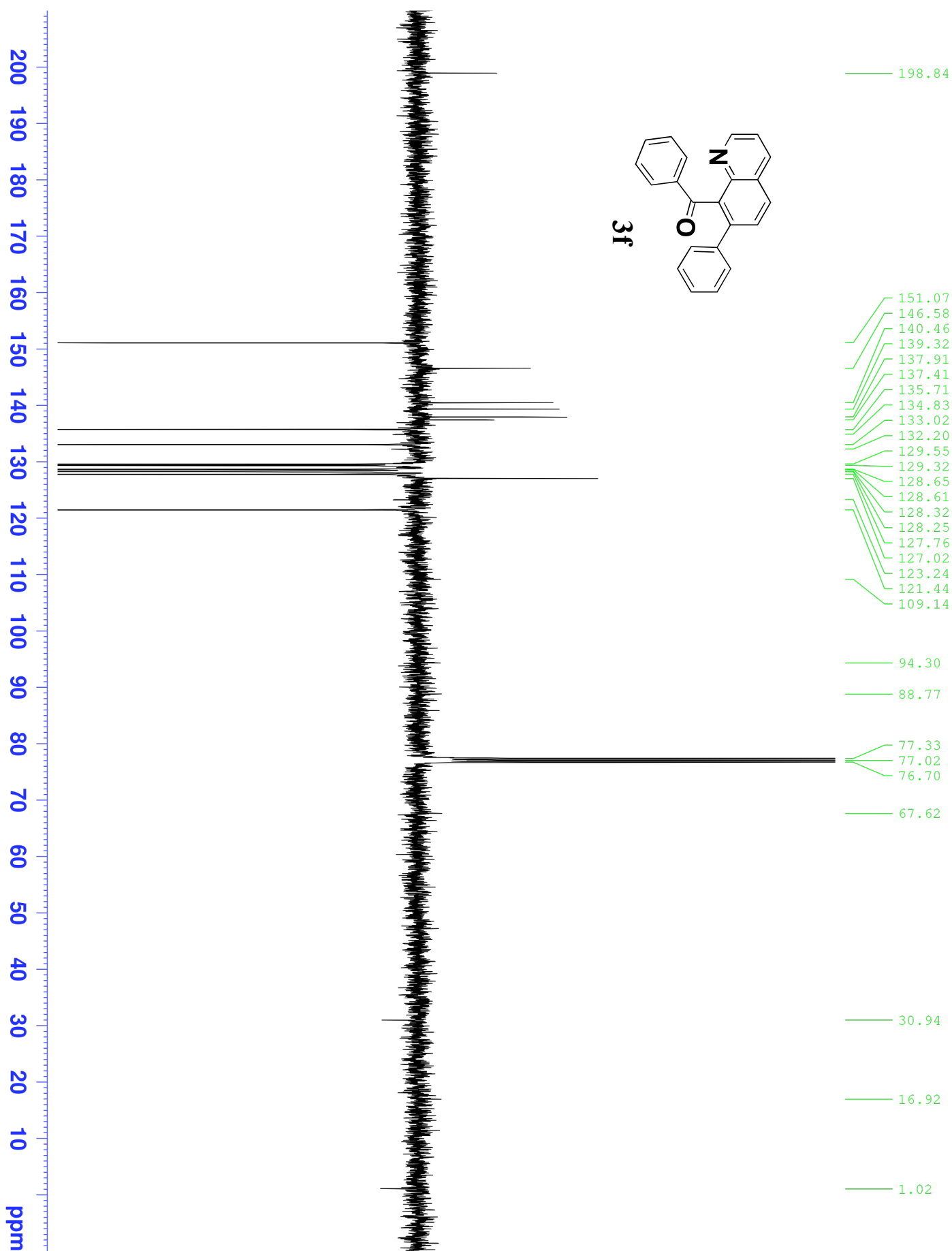


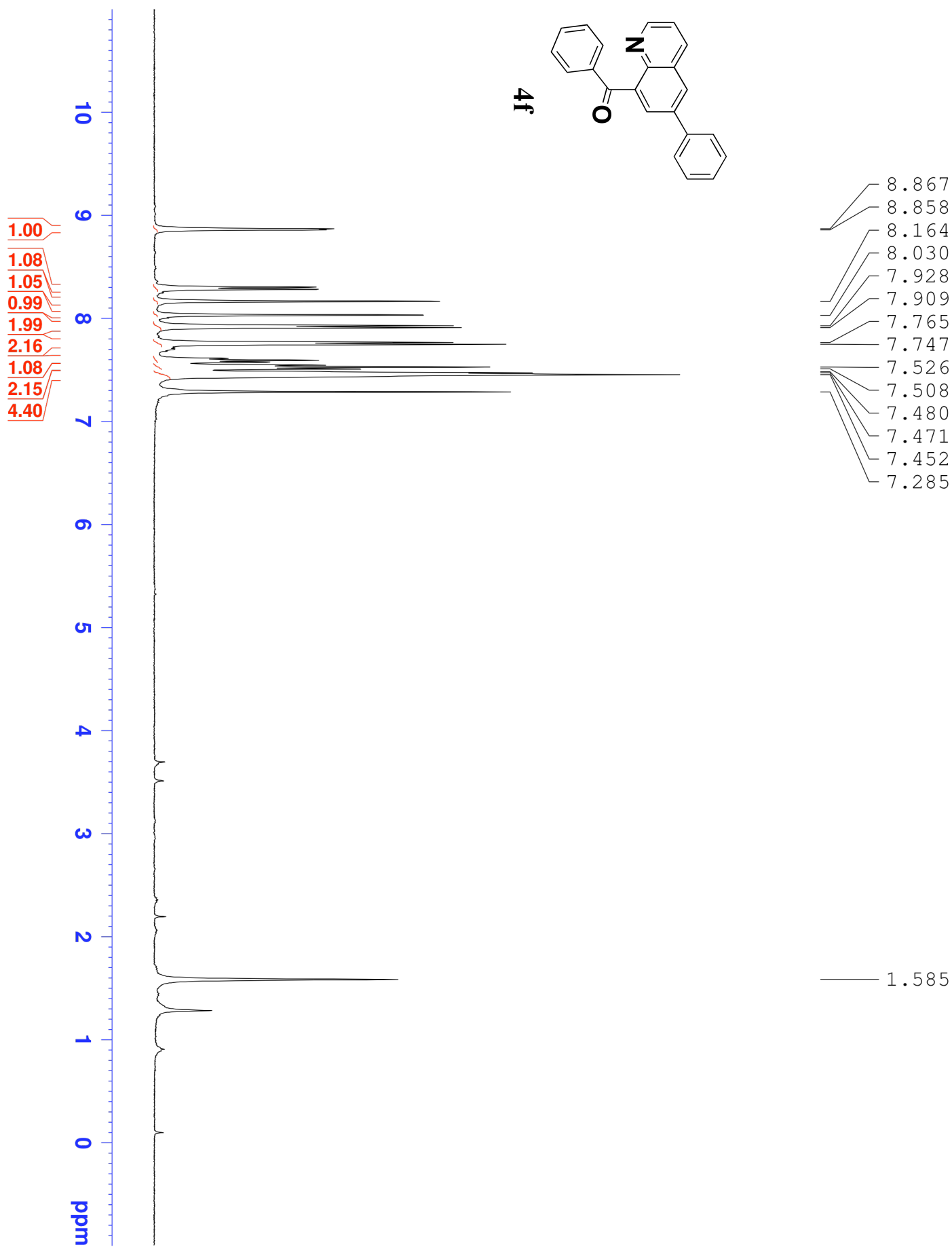
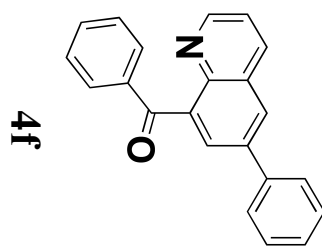


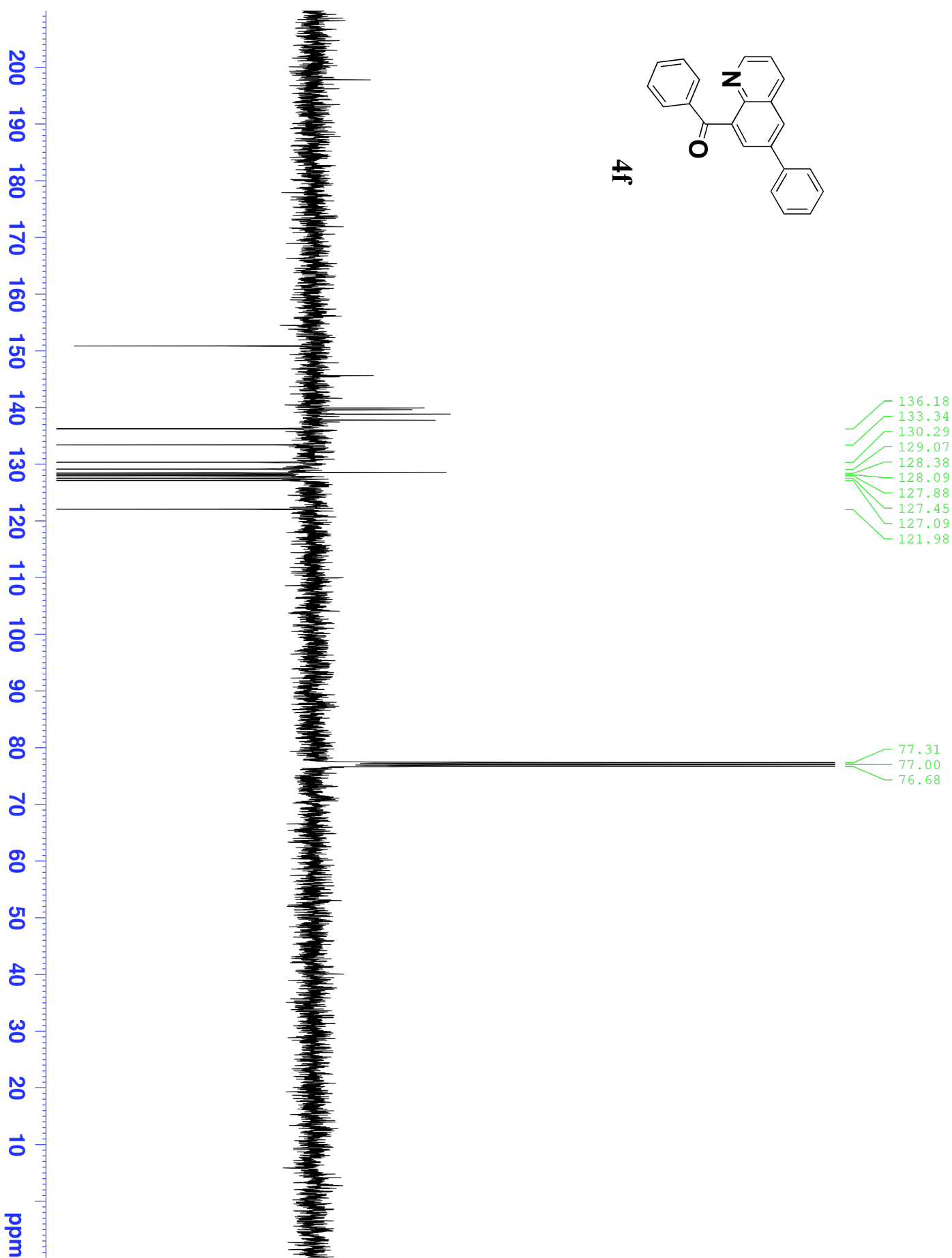
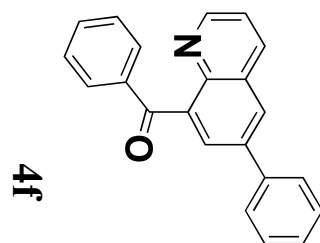


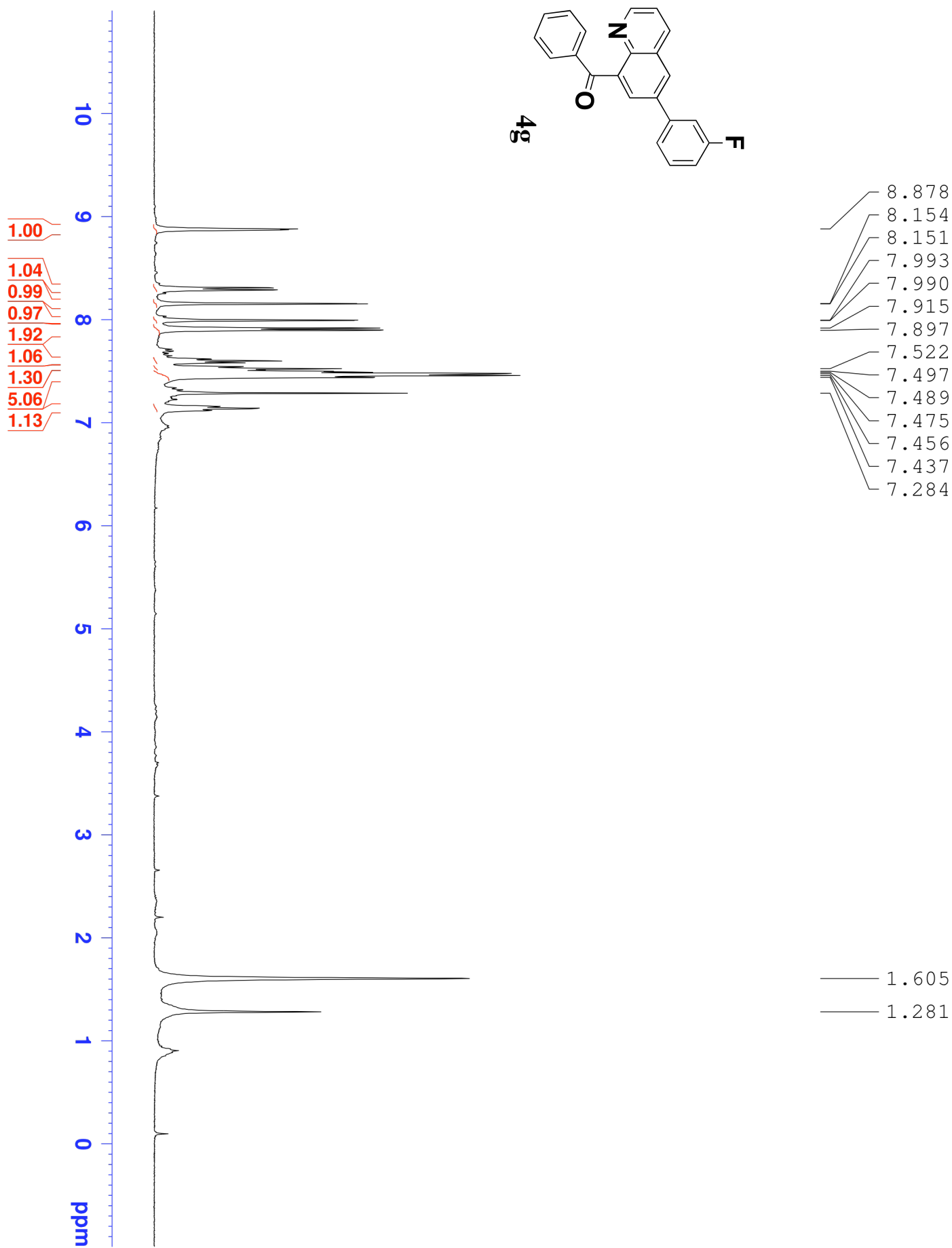
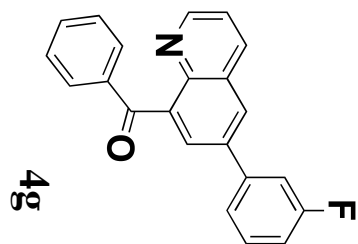
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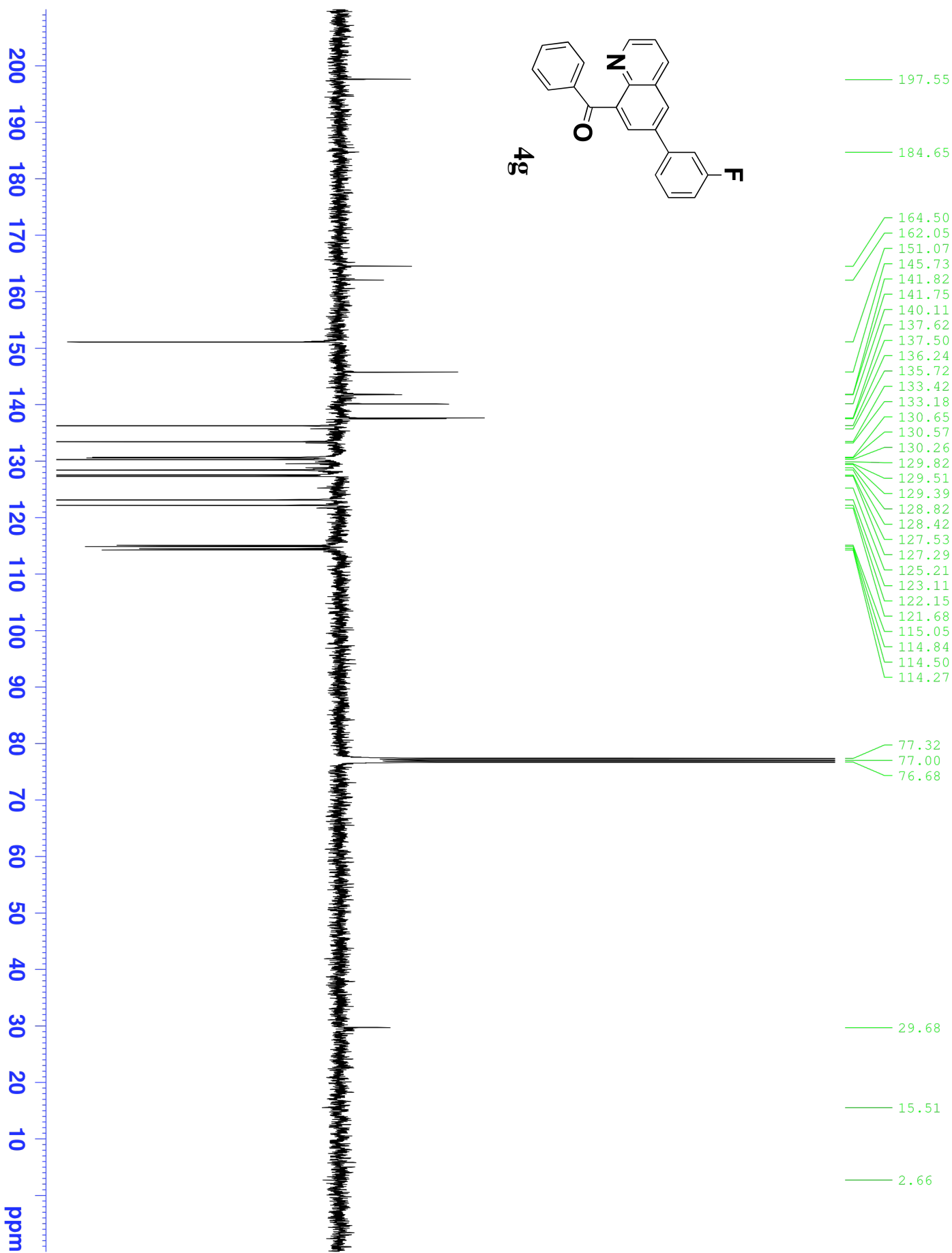
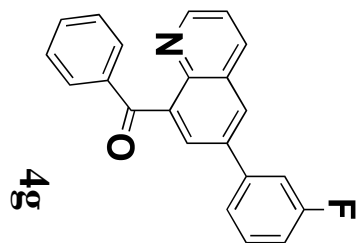


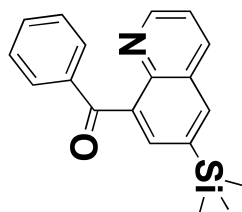




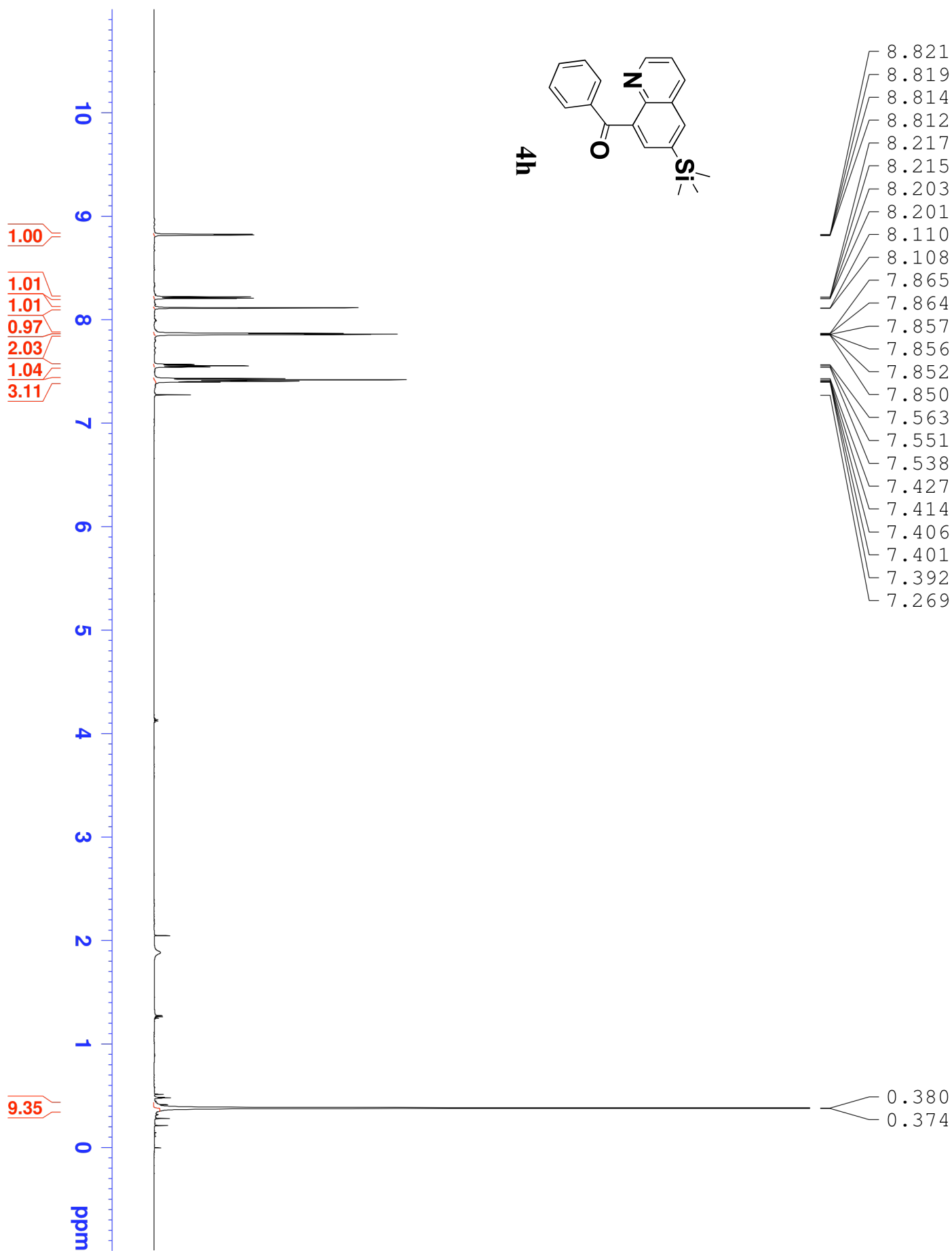


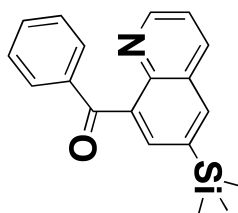




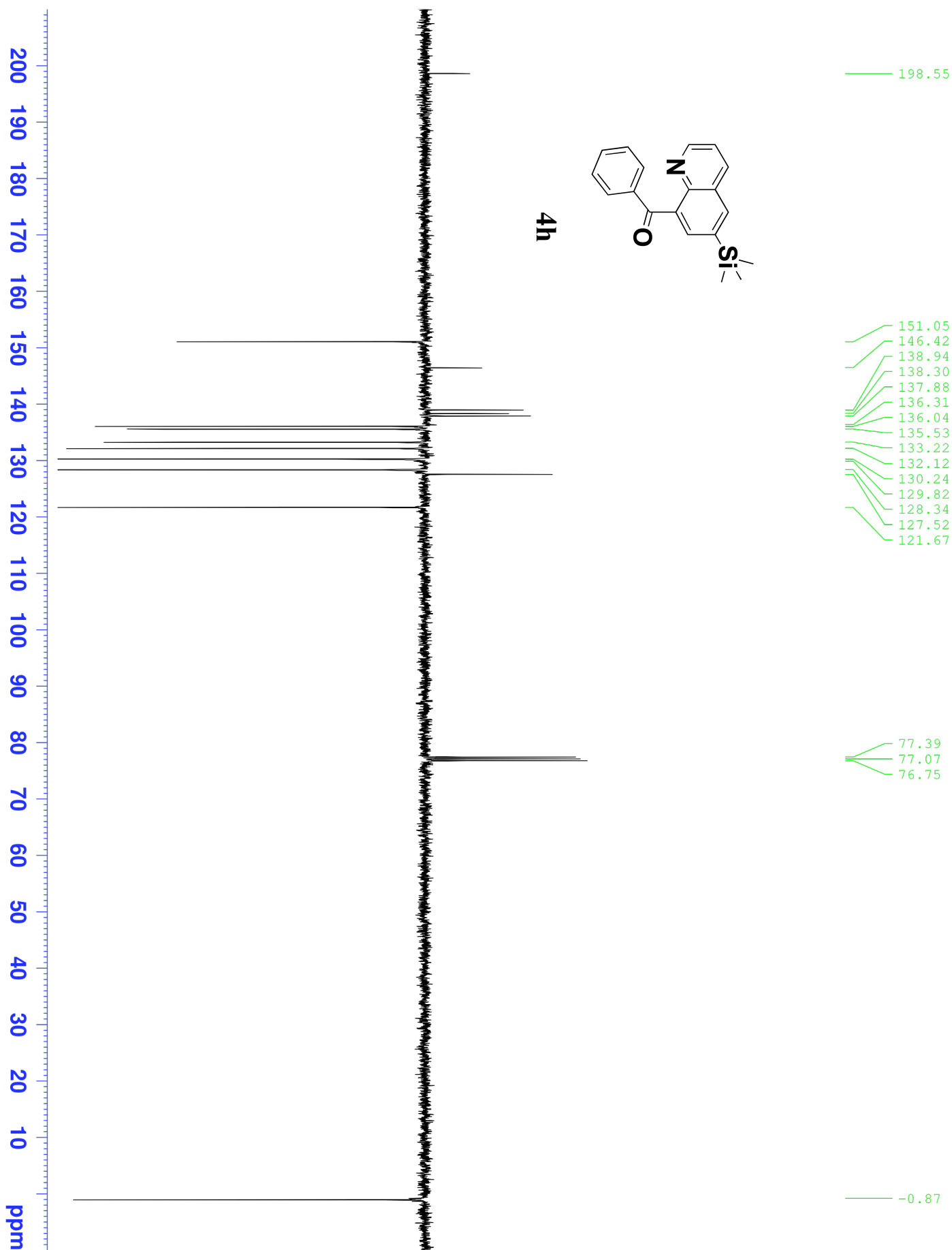


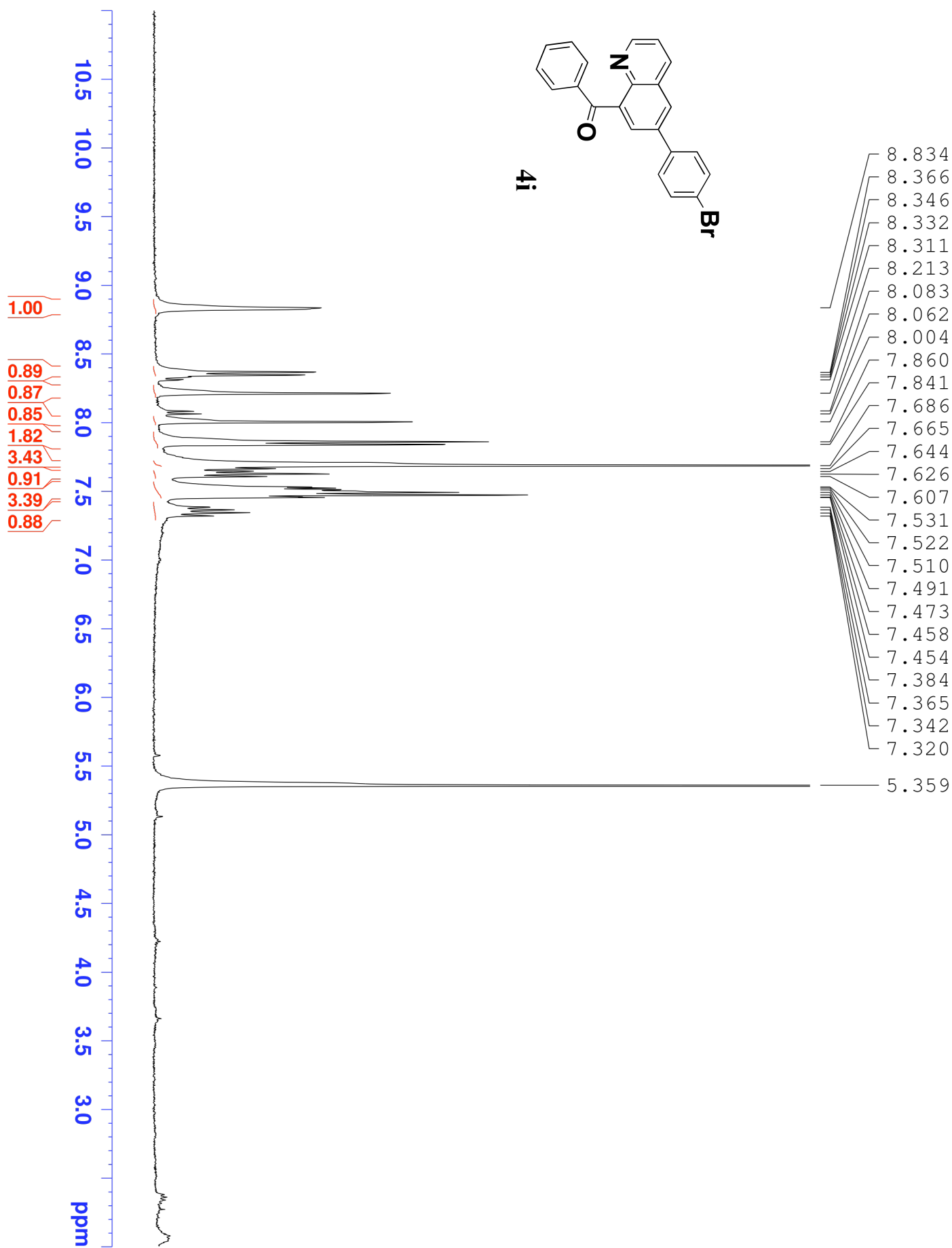
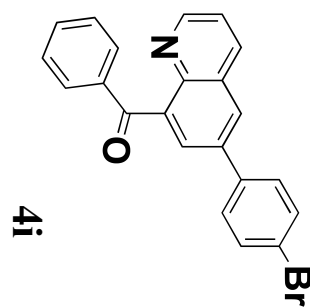
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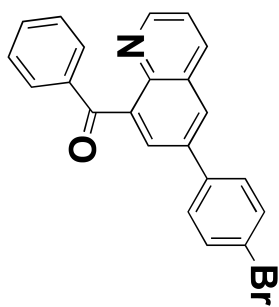




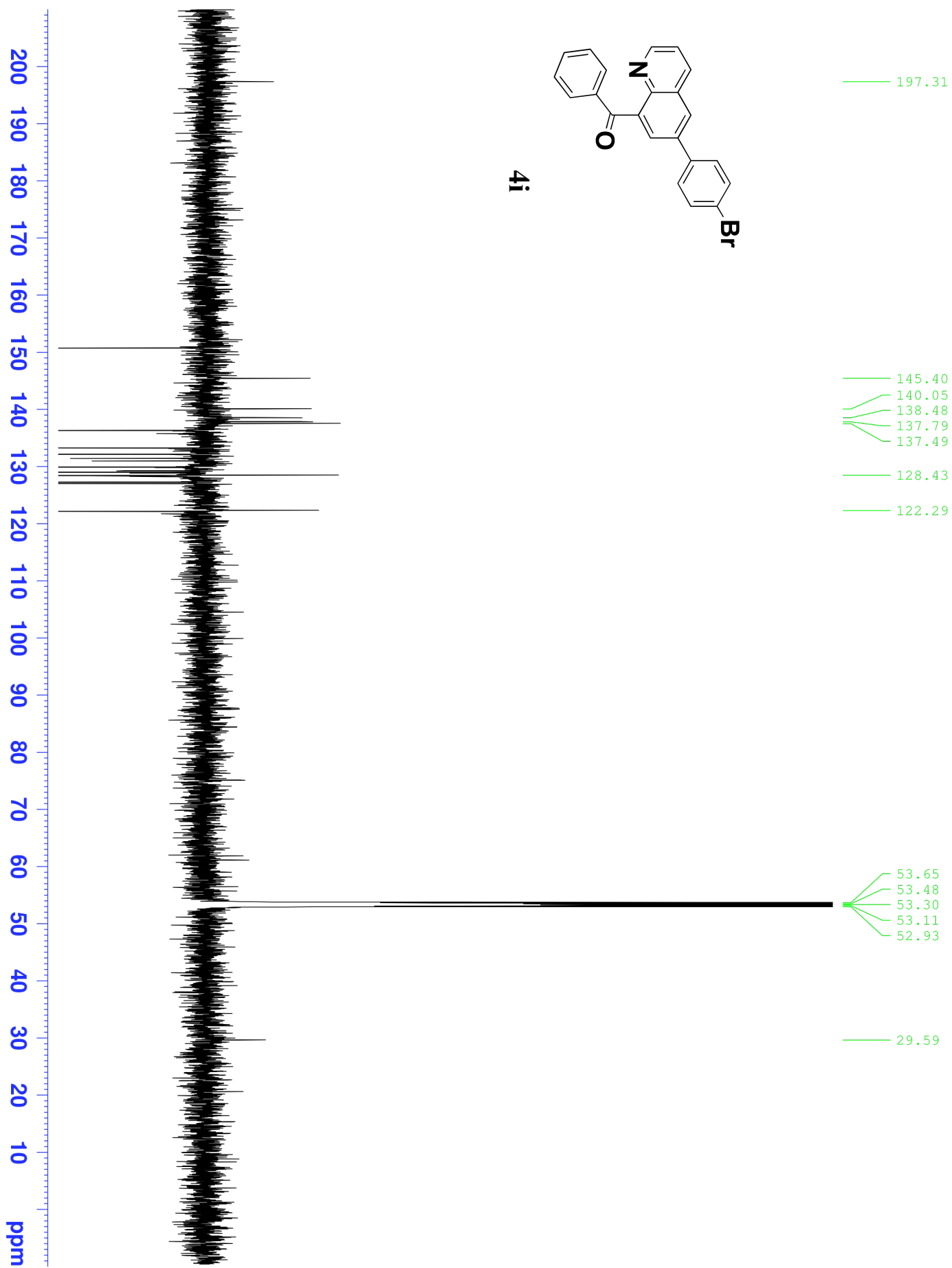
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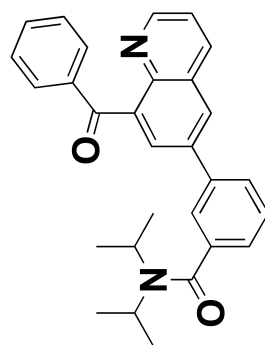




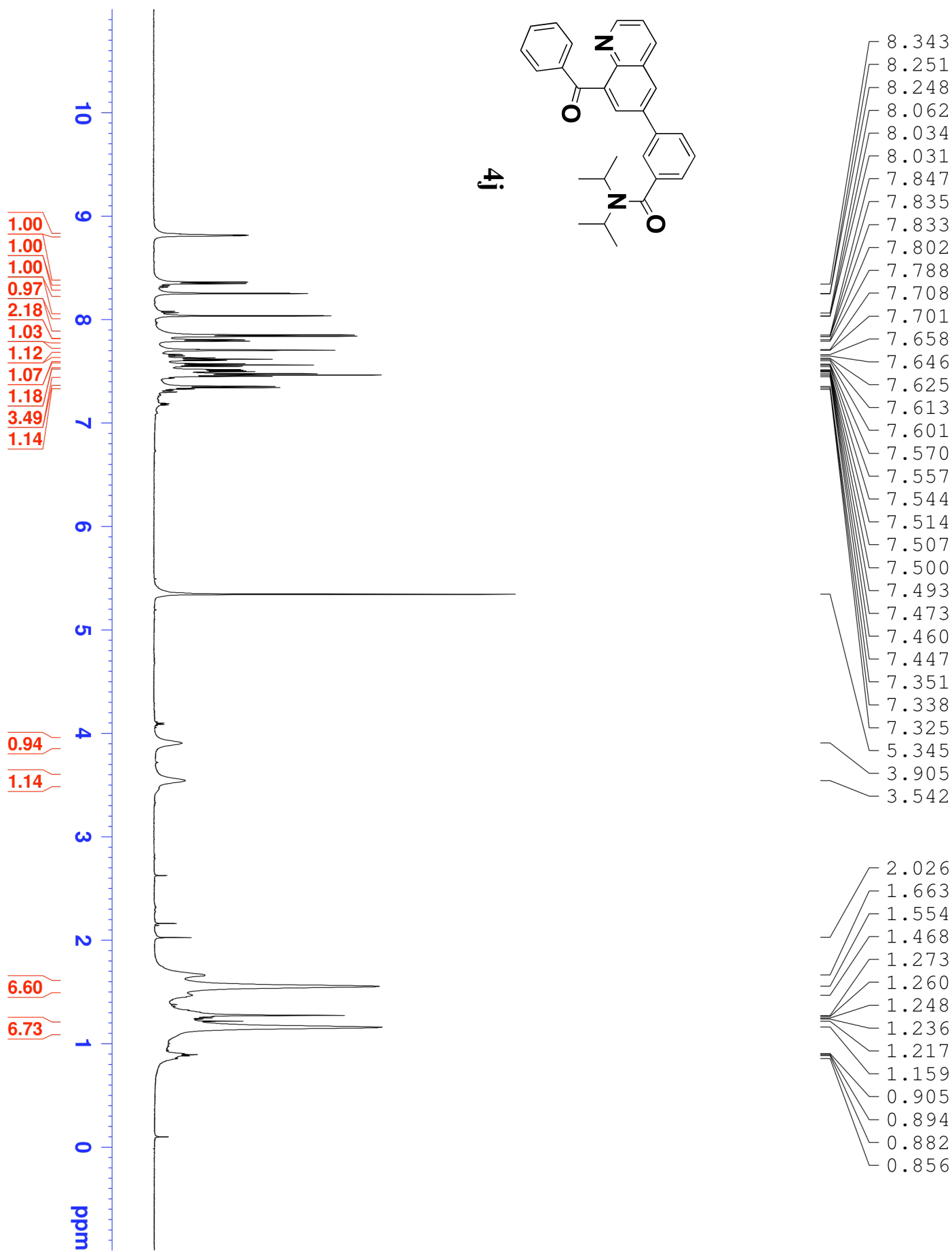


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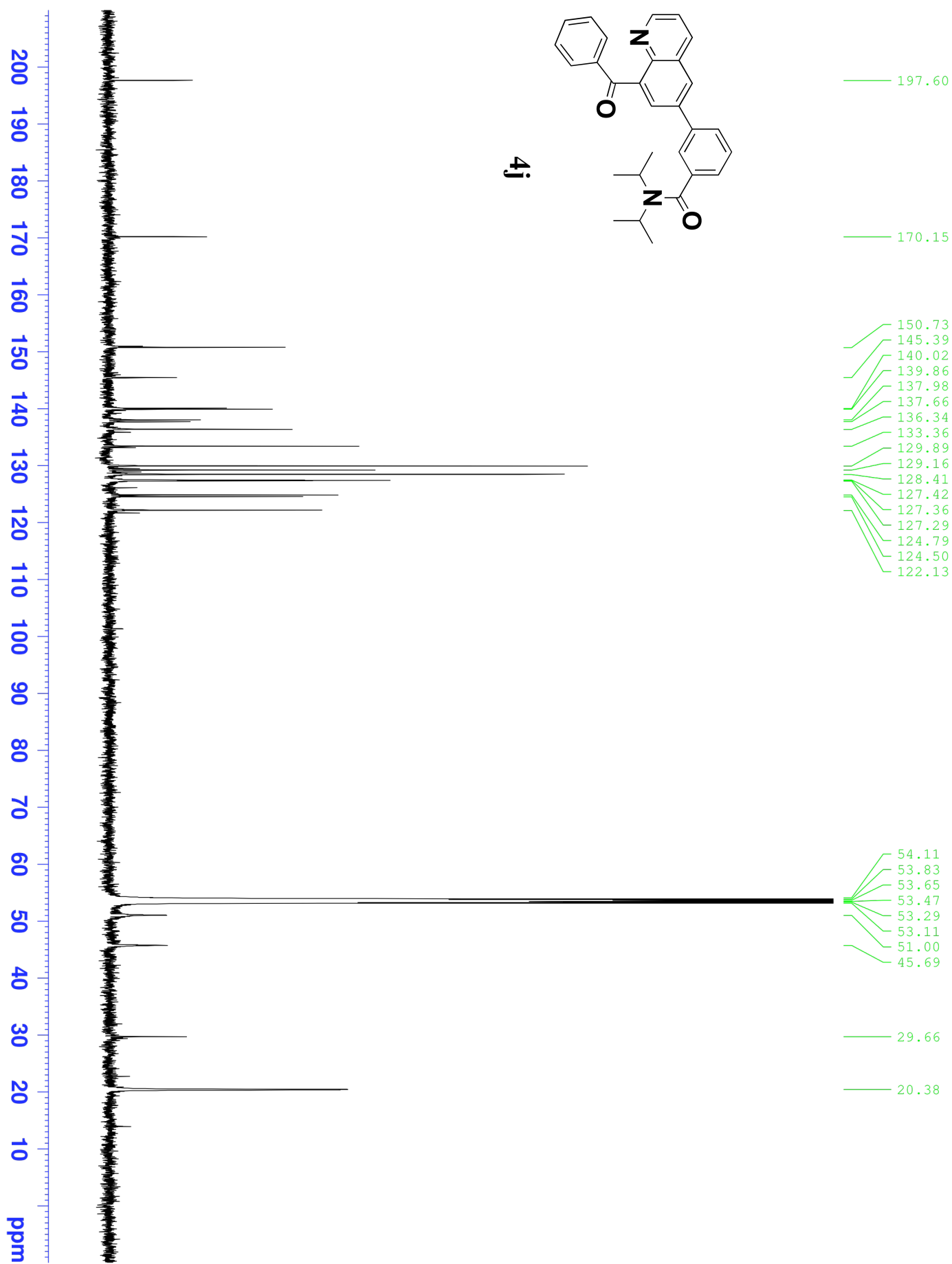
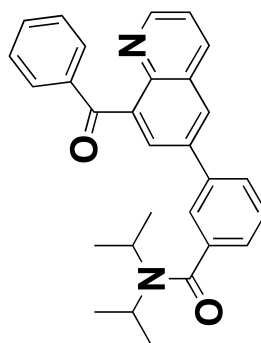




4j



4j



References

1. Obika, S.; Kono, H.; Yasui, R.; Yanada, Y.; Takemoto, Y. *J. Org. Chem.* **2007**, 72, 4462-4468.
2. Dai, G.; Larock, R.C. *Org. Lett.* **2001**, 3, 4035-4038.
3. Dyker, G.; Stirner, W.; Henkel, G. *Chem Eur. J.* **2000**, 8, 1433-1441.
4. Barluenga, J.; Vasquez-Villa, H.; Ballesteros, A.; Gonzalez, J.M. *Org. Lett.*, **2003**, 5, 4121-4123.
5. Asao, N.; Aikawa, A.; Yamamoto, Y. *J. Am. Chem. Soc.*, **2004**, 126, 7458-7459.
6. Asao, N.; Takahashi, K.; Lee, S.; Kasahara, T.; Yamamoto, Y. *J. Am. Chem. Soc.*, **2002**, 124, 12650-12651.