

Supporting Online Material for

Tandem Synthesis of 3-Chloro-4-iodoisoxazoles from

1-Copper(I) Alkynes, Dichloroformaldoxime and Molecular Iodine

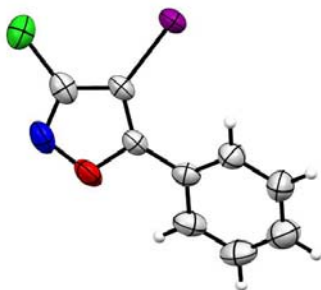
Wenwen Chen, Jianlan Zhang, Bo Wang, Zhouxing Zhao, Xinyan Wang,* Yuefei Hu*

Department of Chemistry, Tsinghua University, Beijing 100084, P. R. China

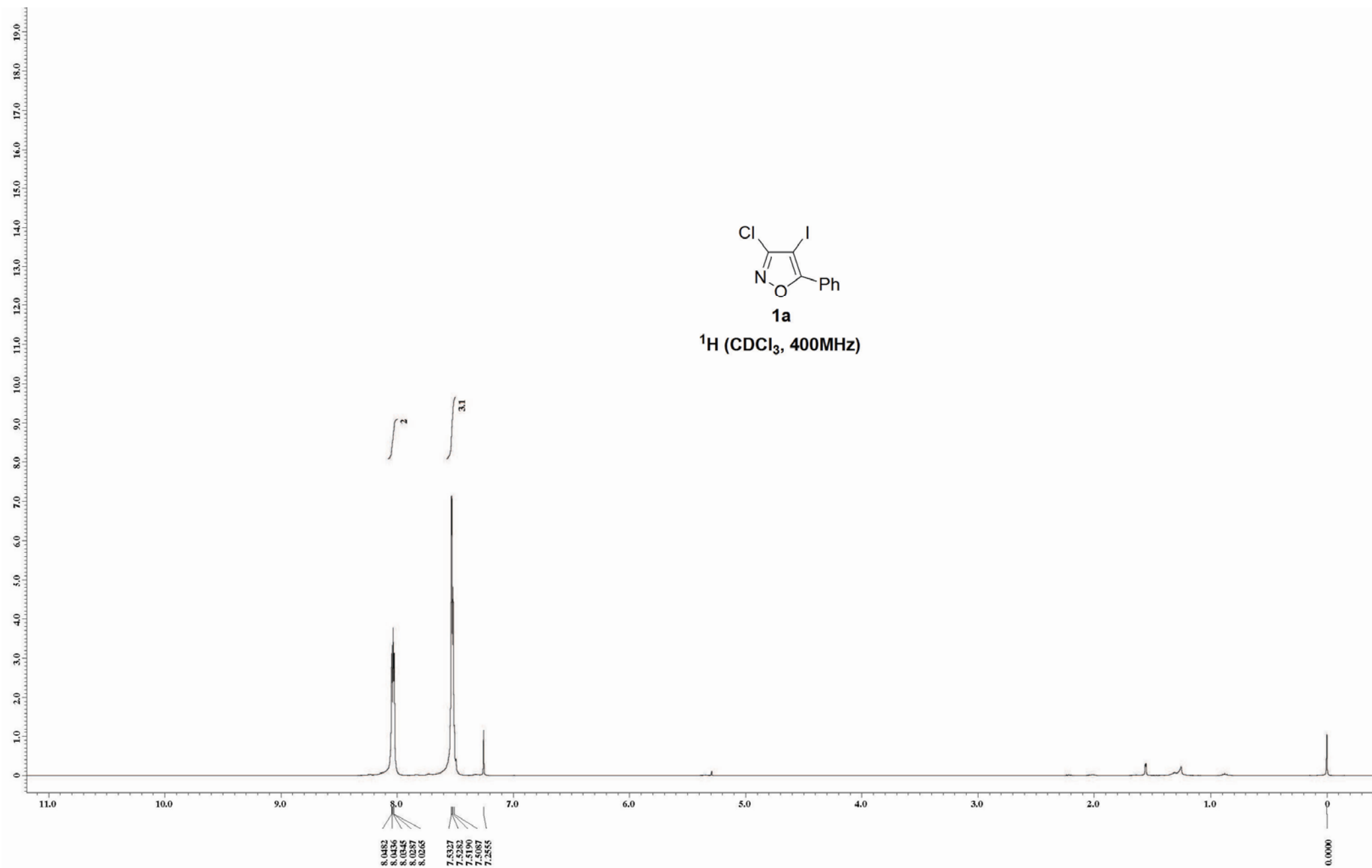
wangxinyan@mail.tsinghua.edu.cn and yfh@mail.tsinghua.edu.cn

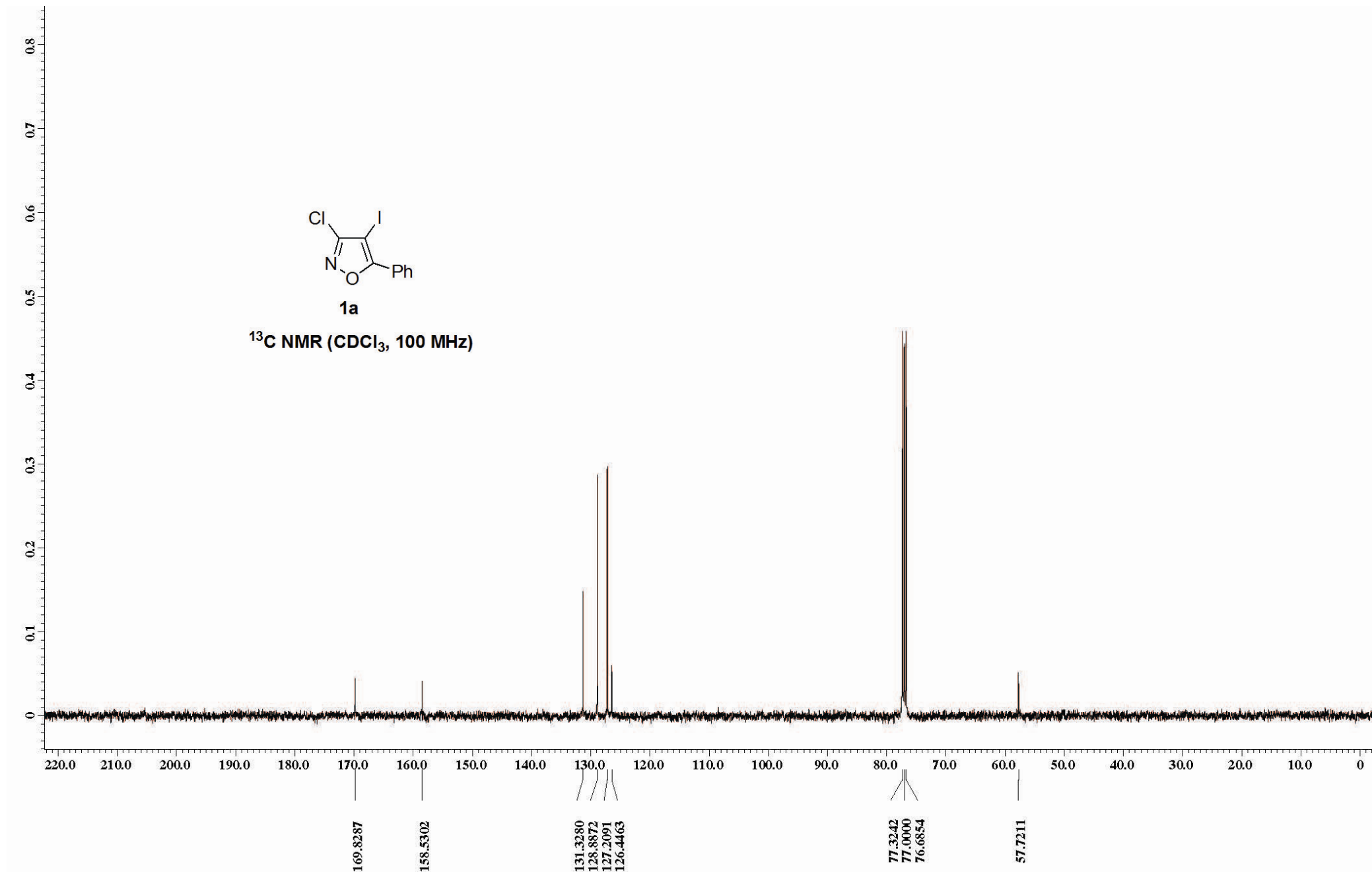
The structure of **1a** was confirmed by its single crystal X-ray diffraction analysis.

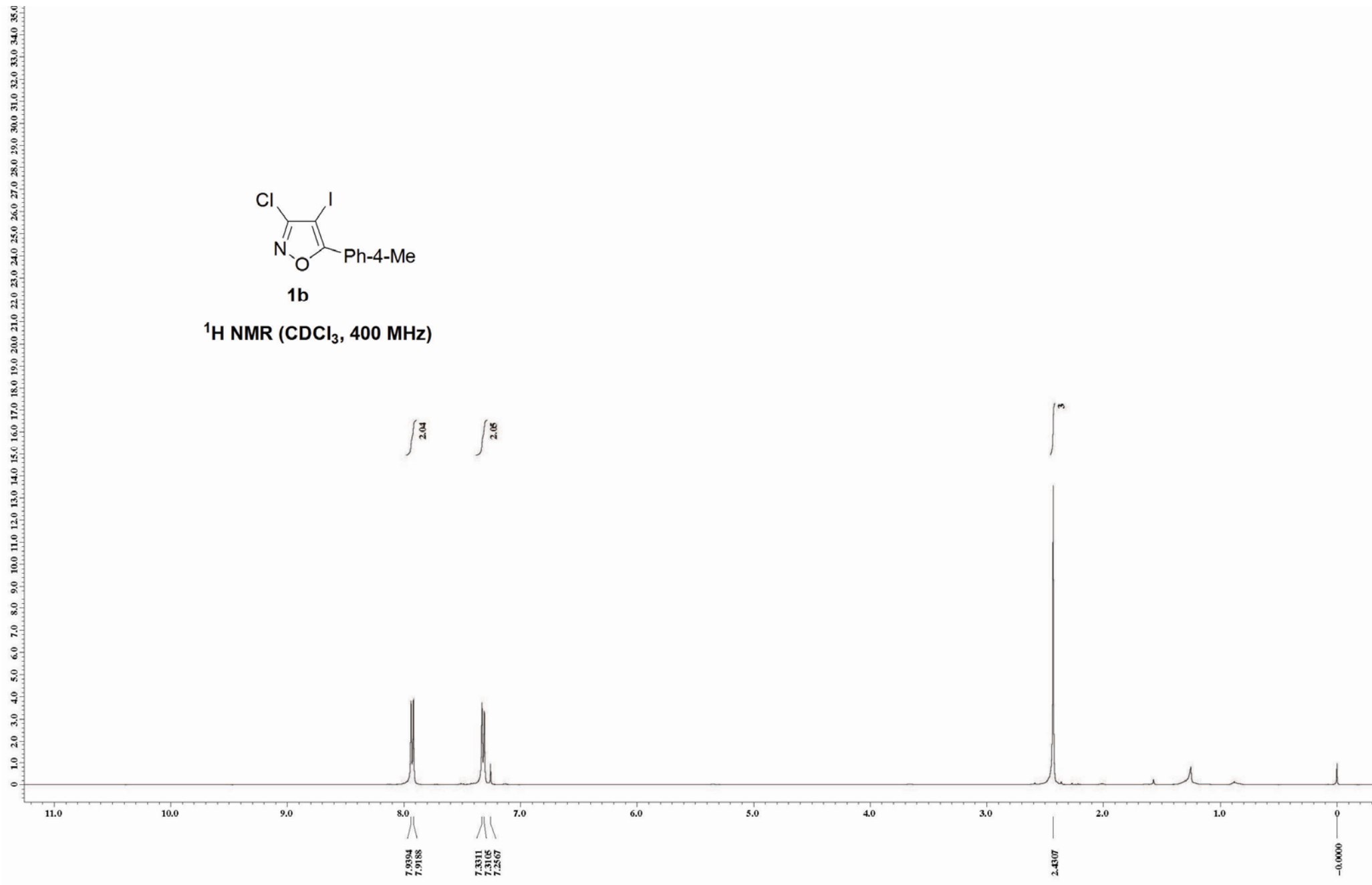
The key metrics for the single crystal X-ray structure can be found in CIF file.

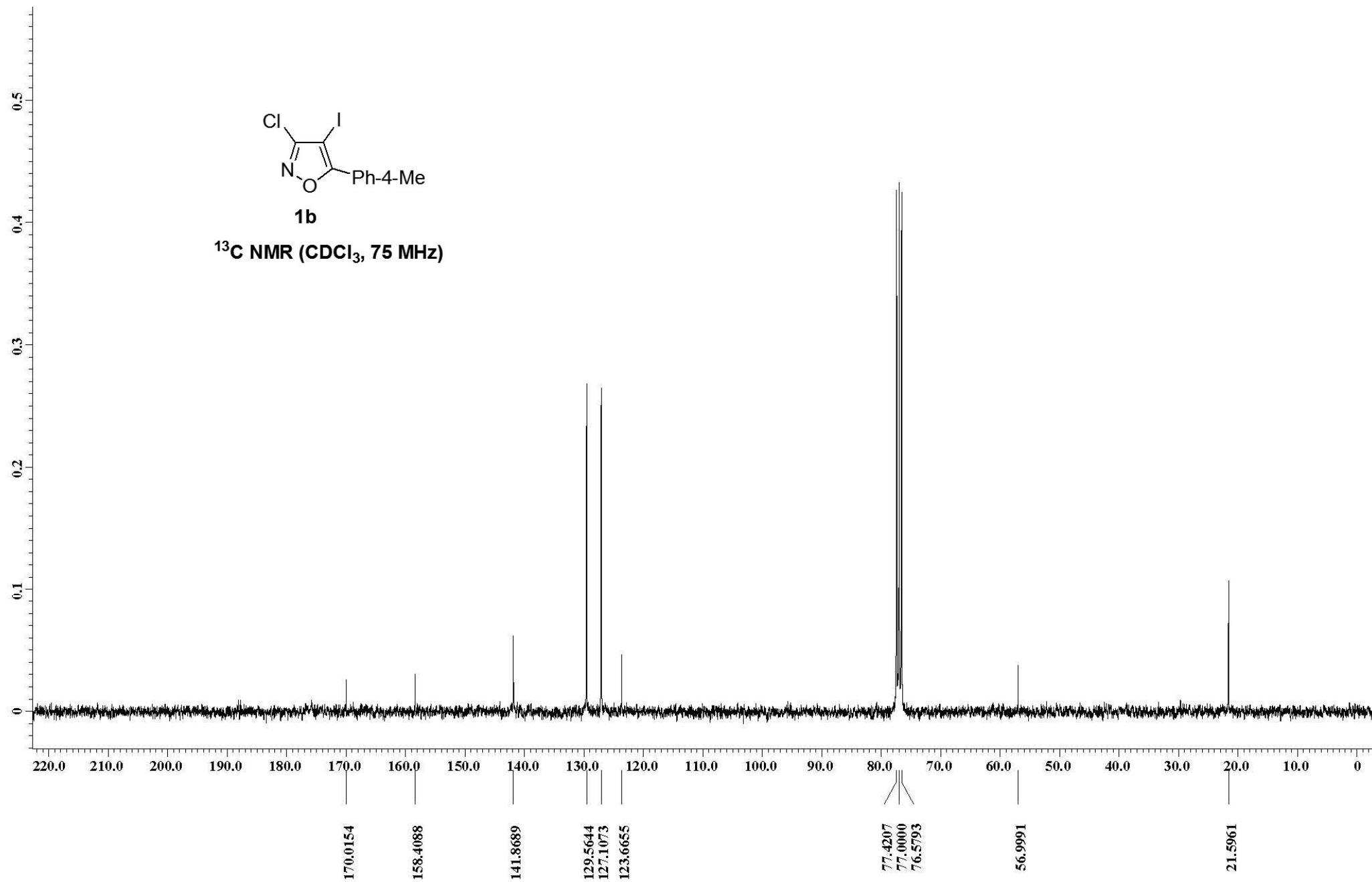


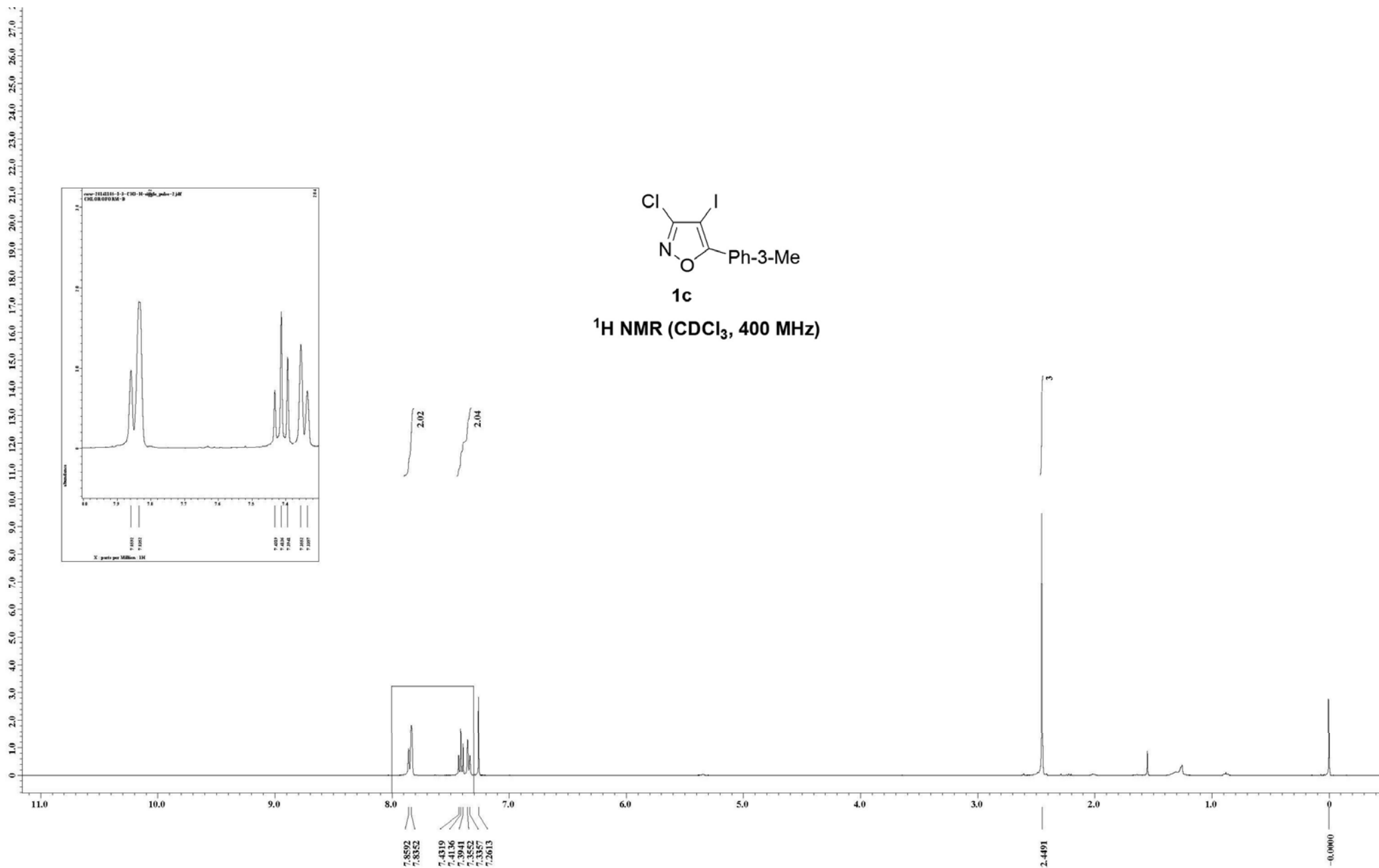
The structure of **1a**.

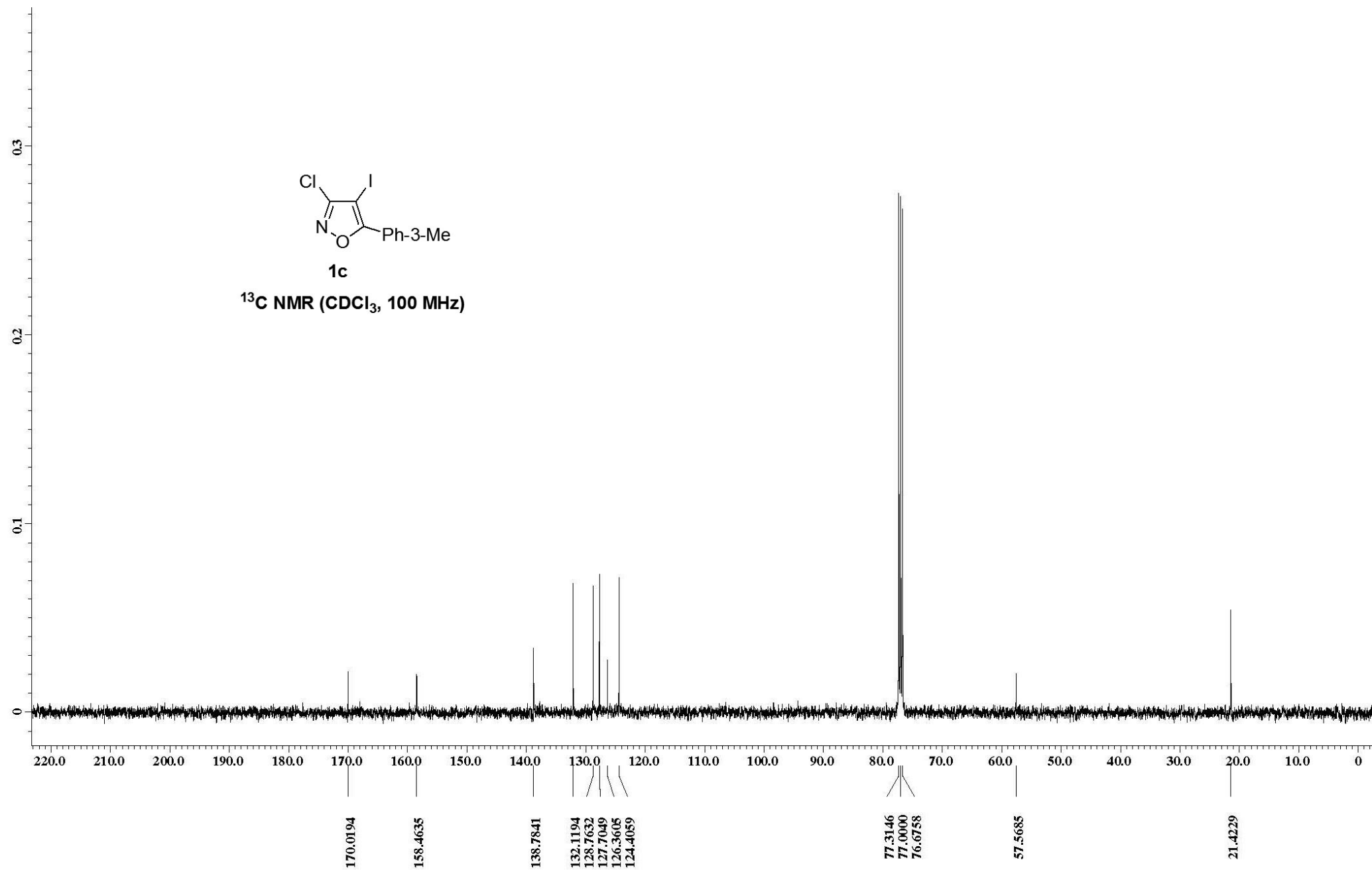


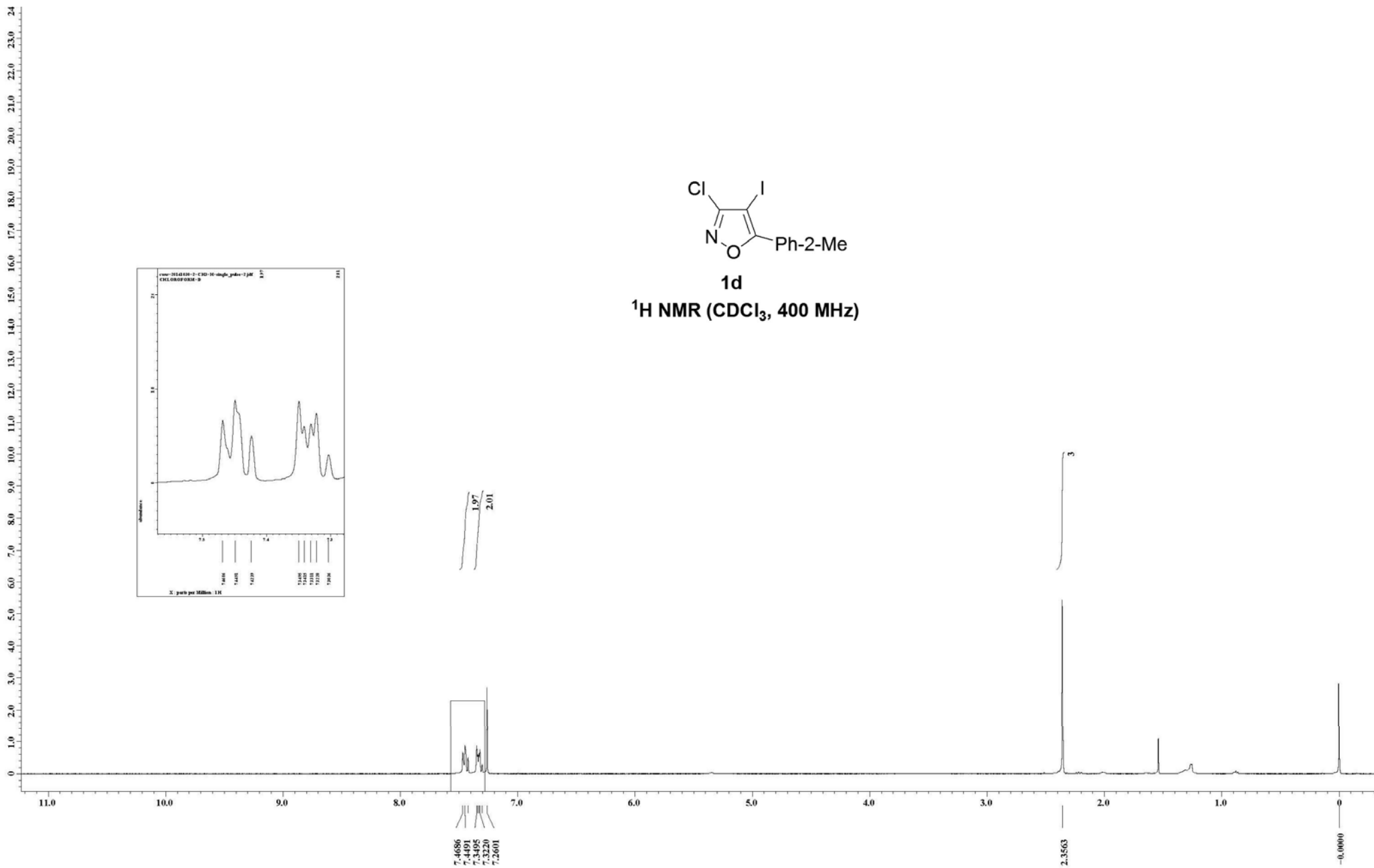


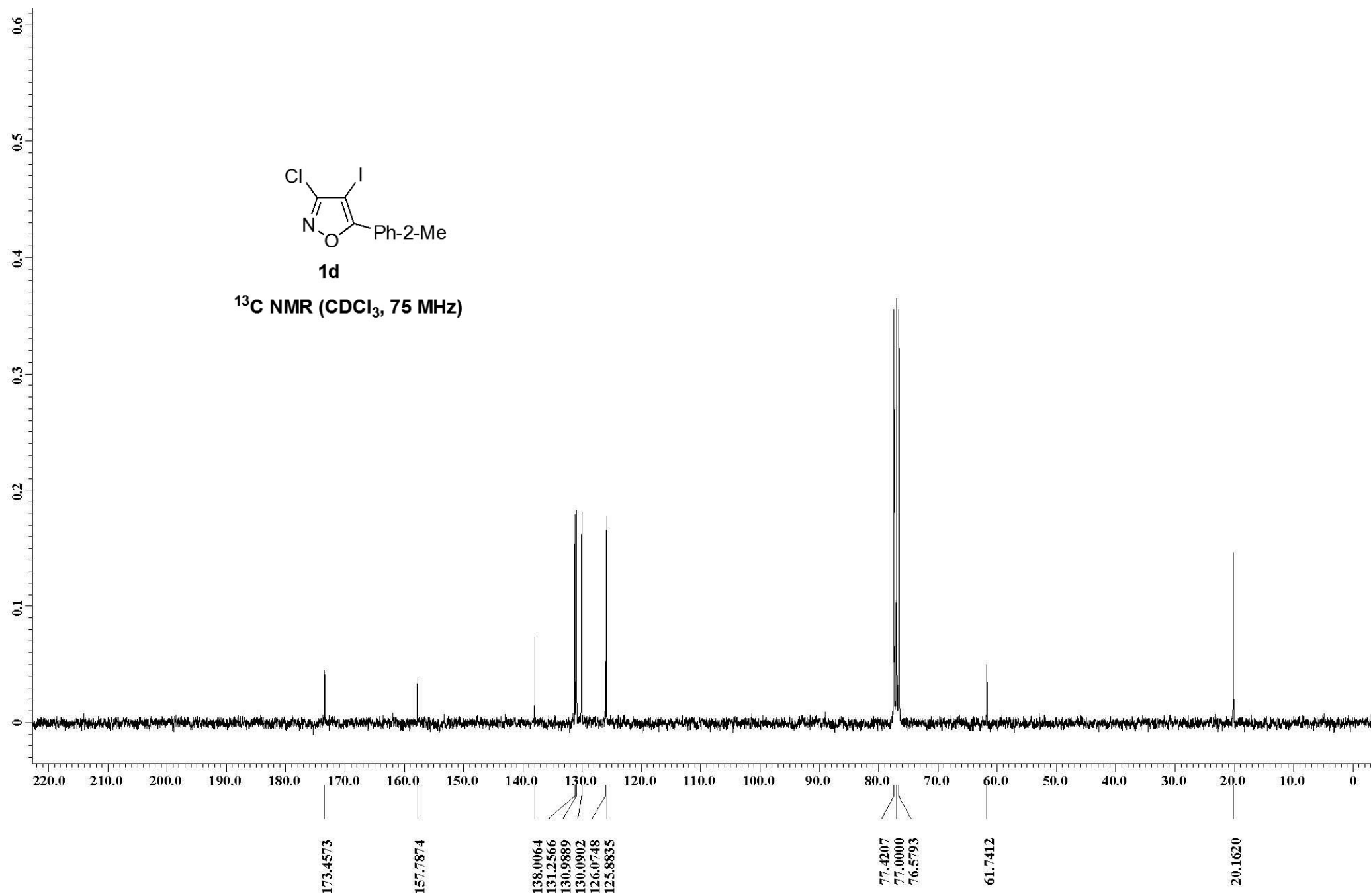


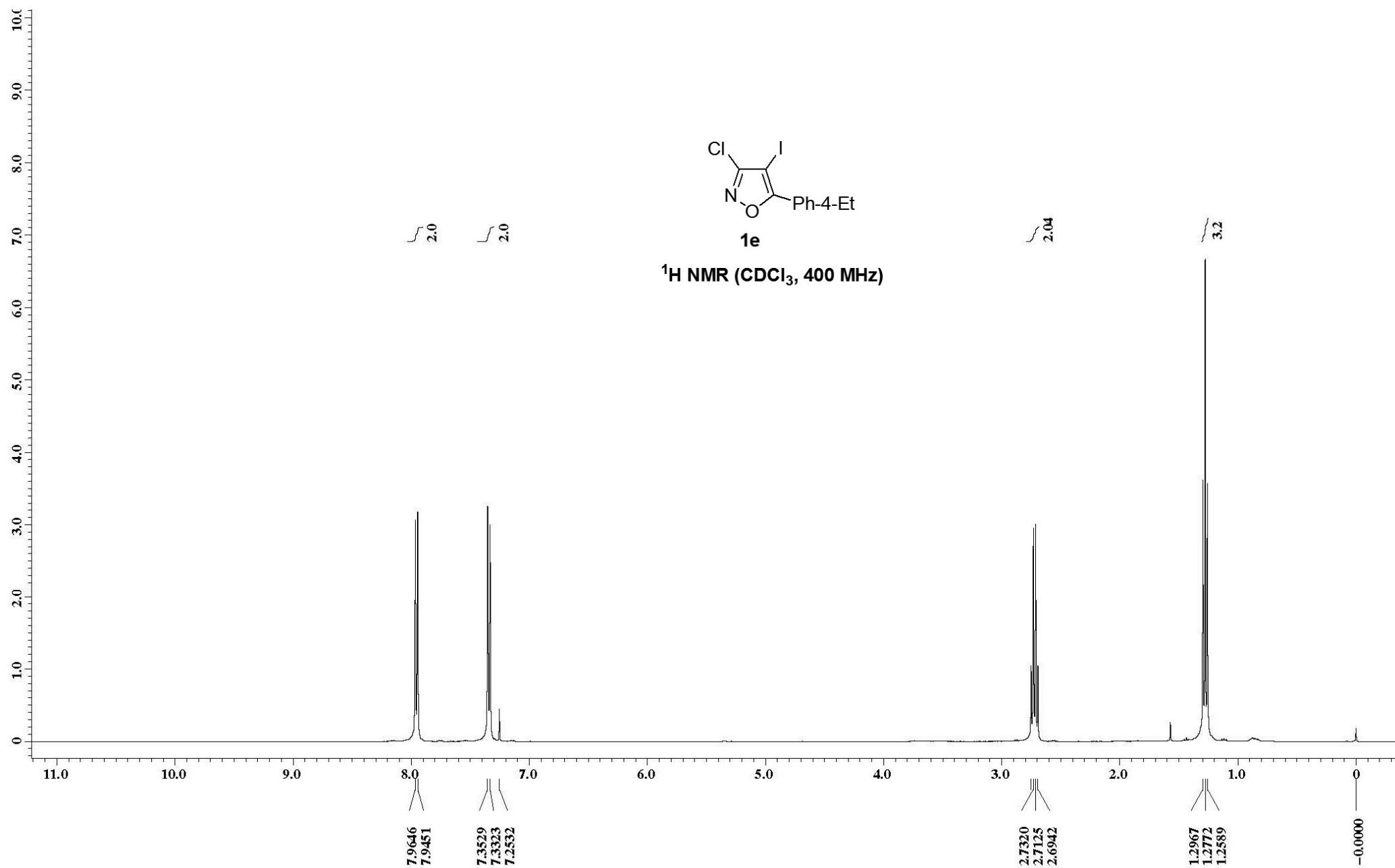


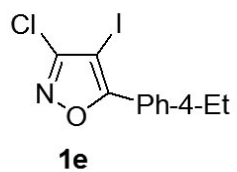




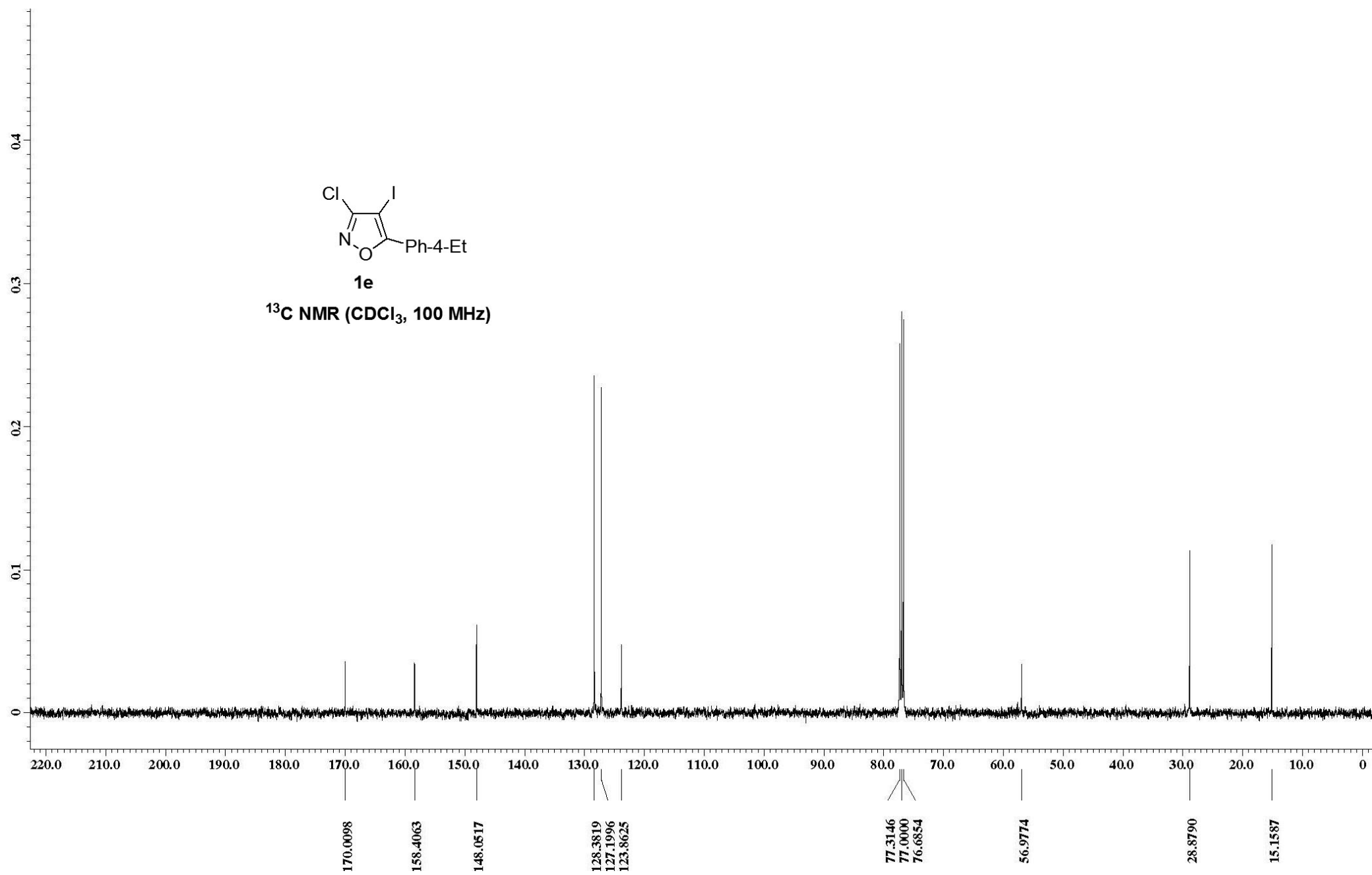


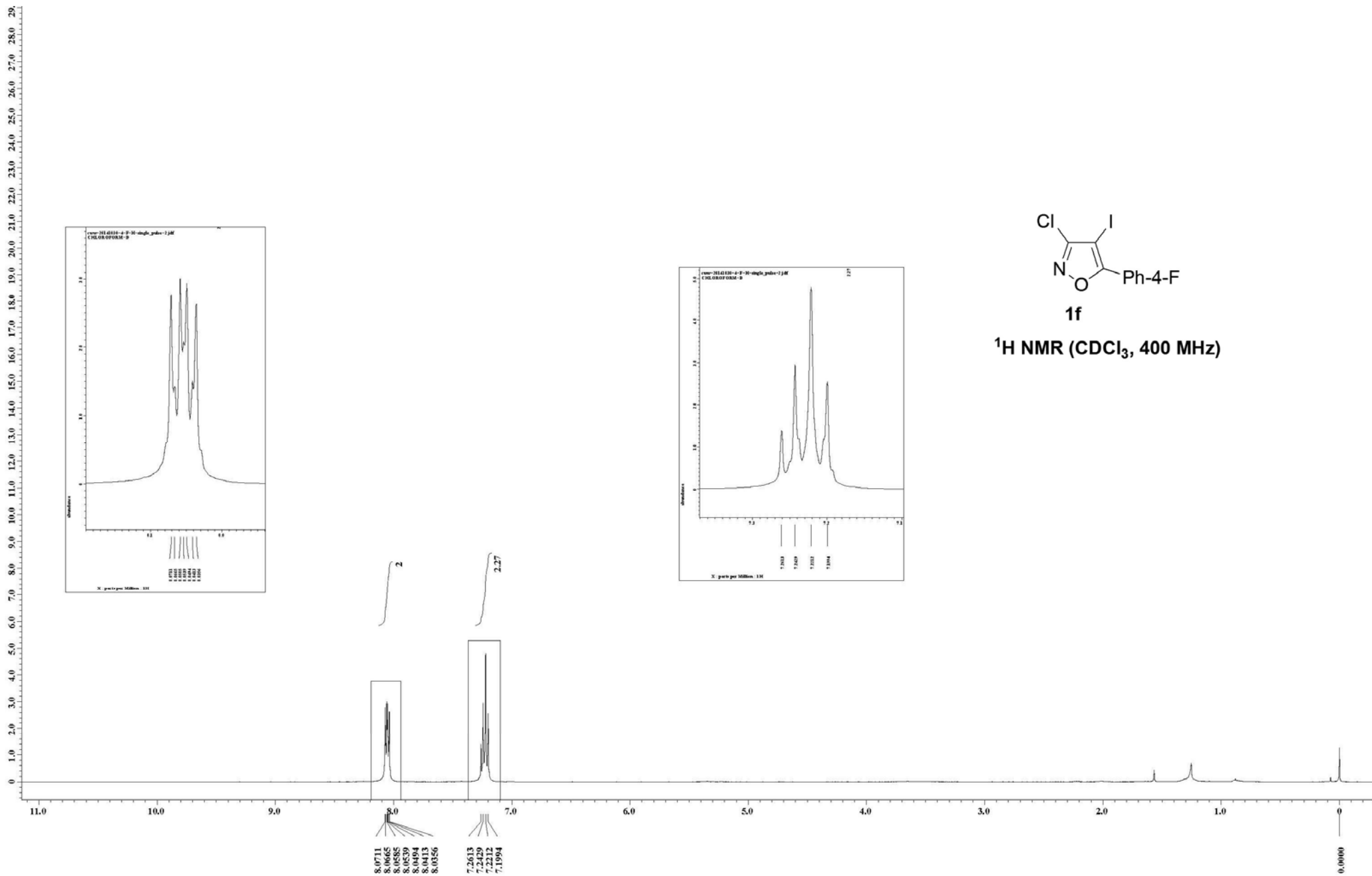


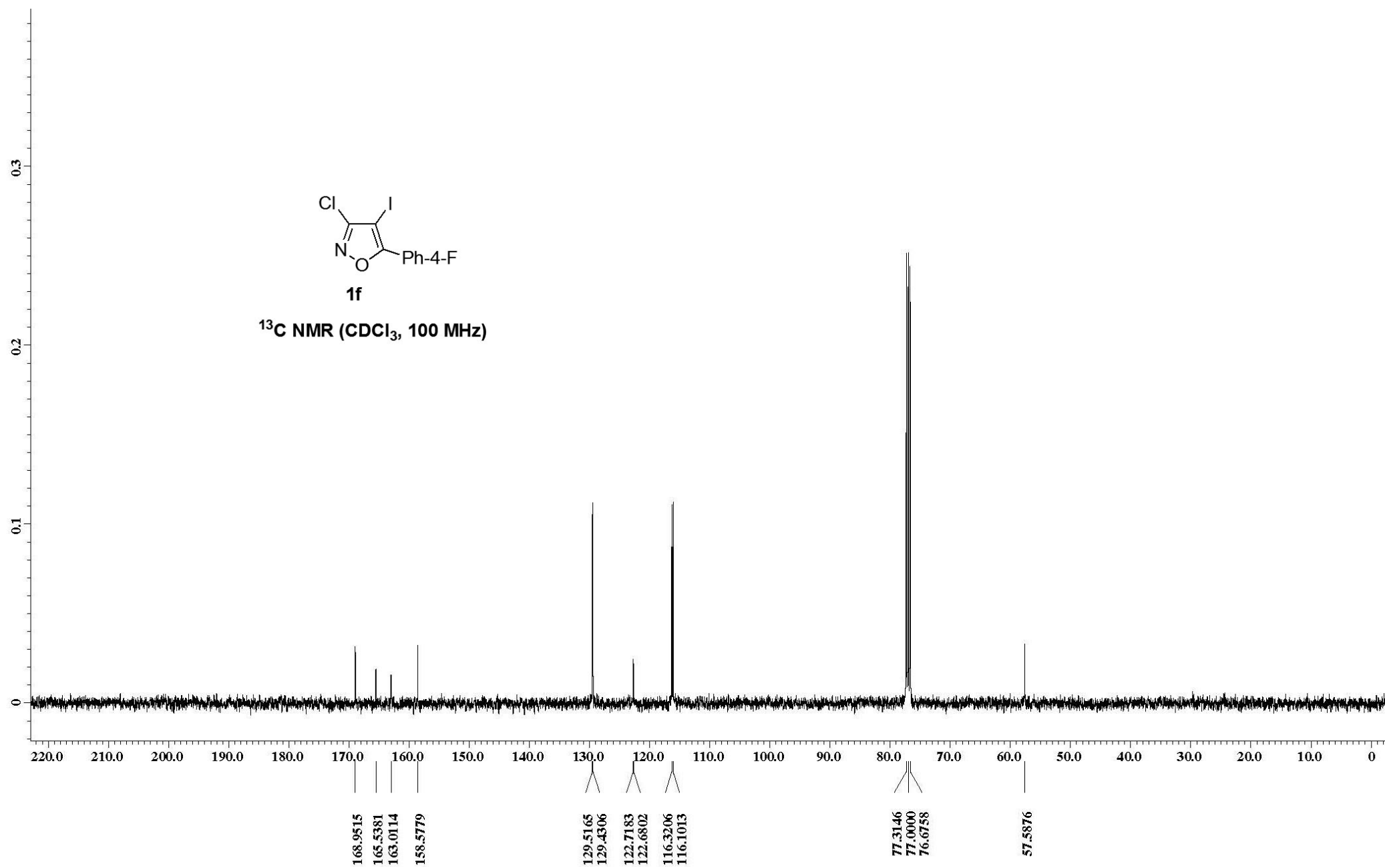


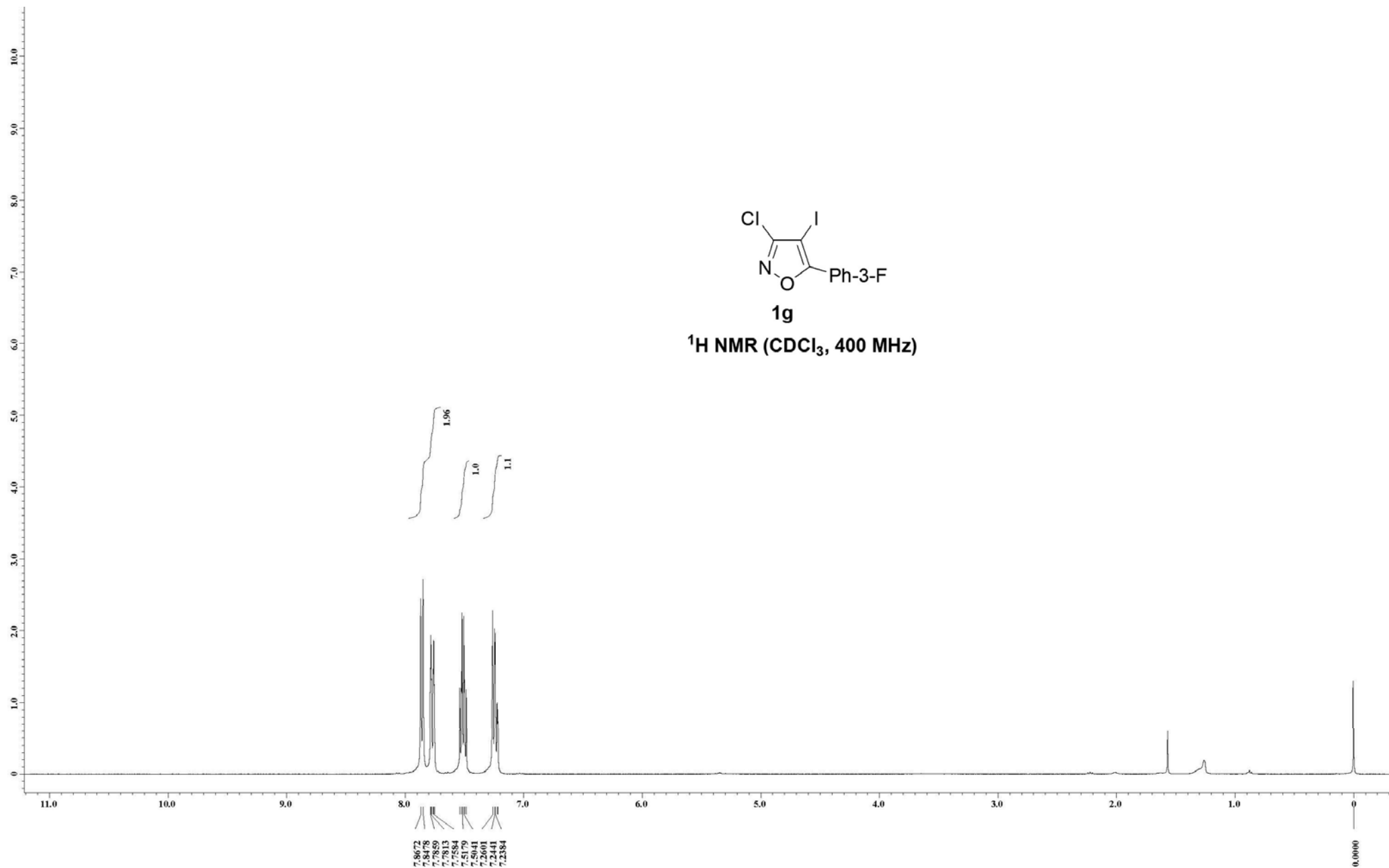


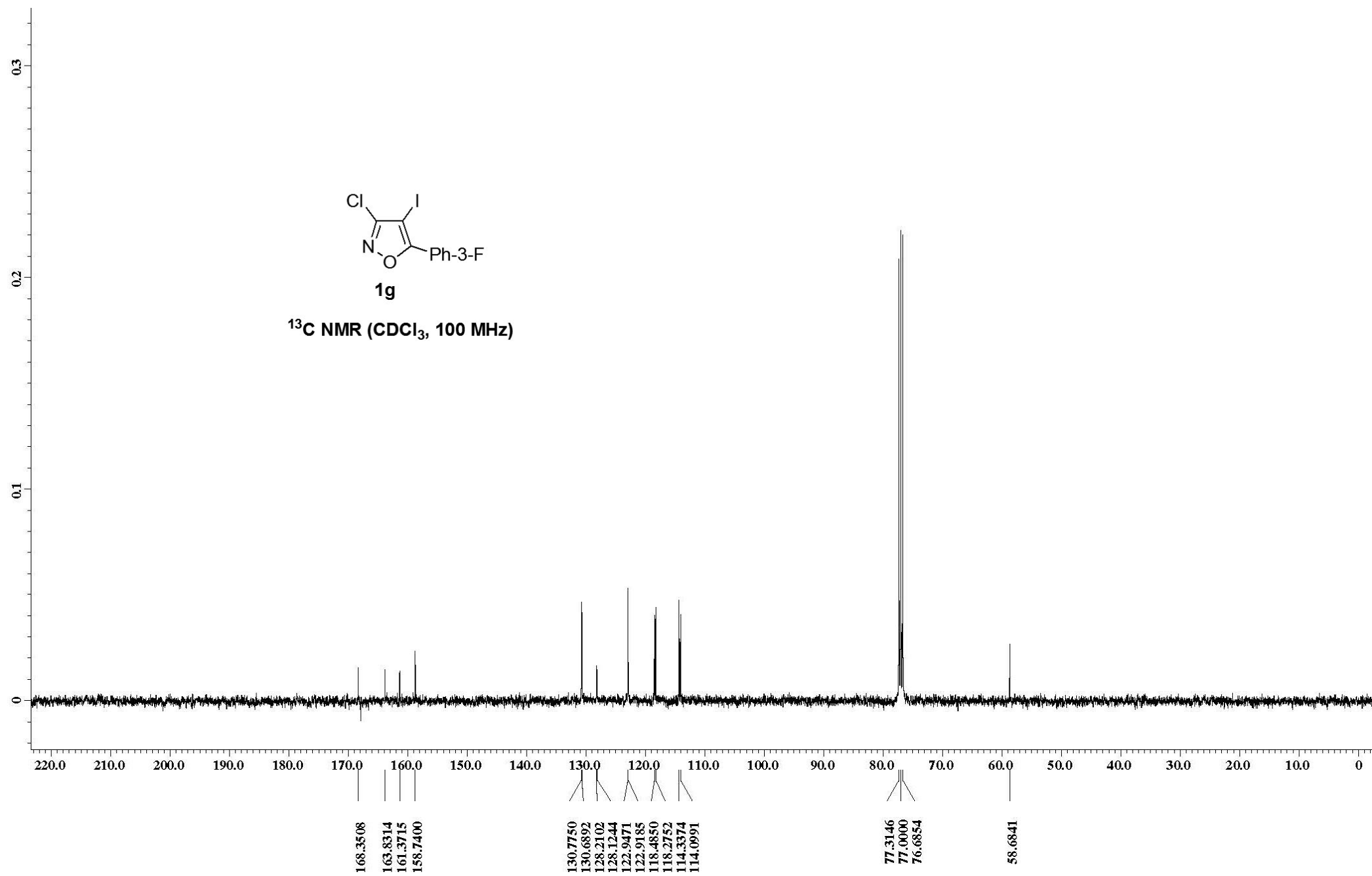
^{13}C NMR (CDCl_3 , 100 MHz)

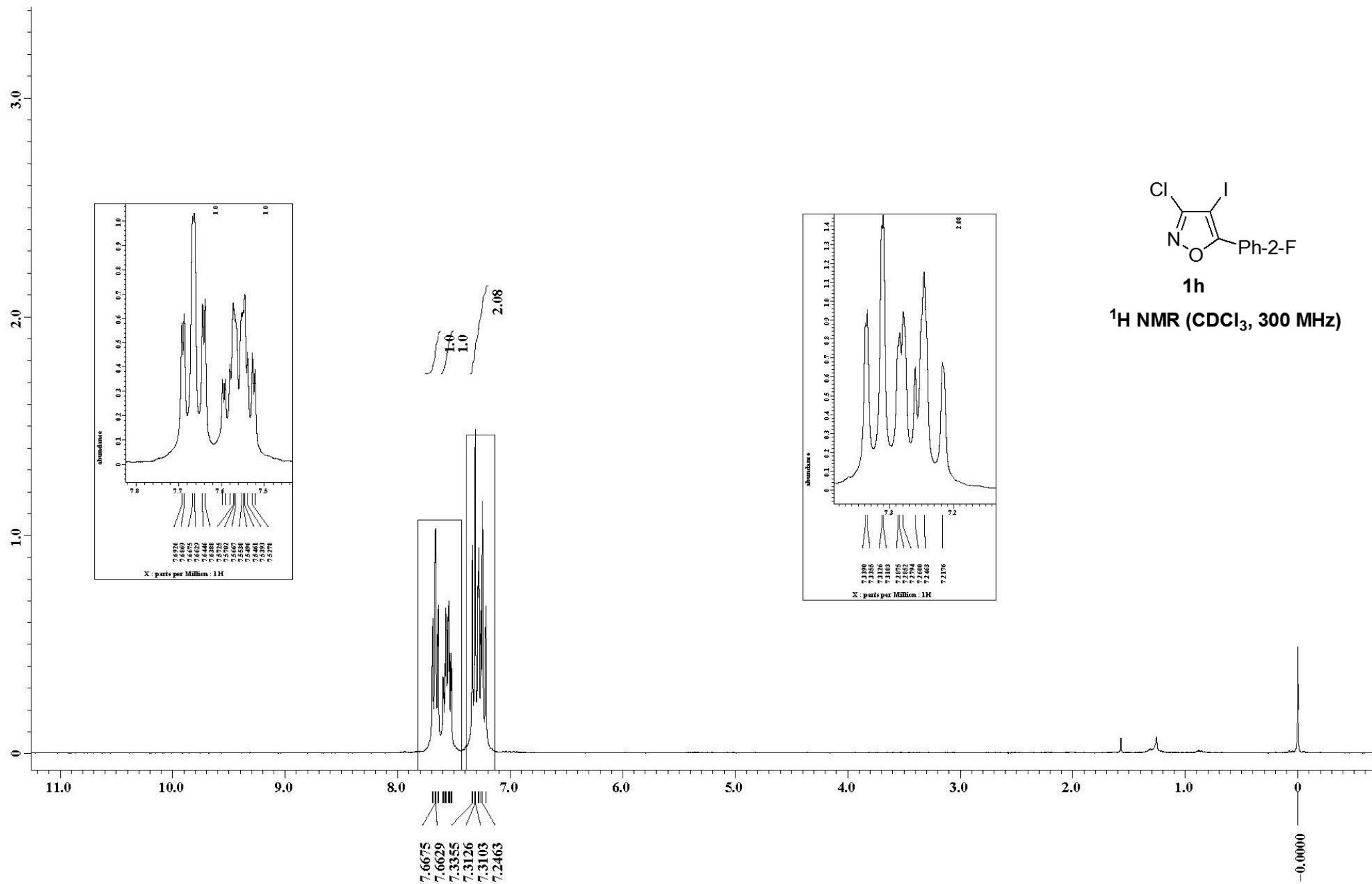


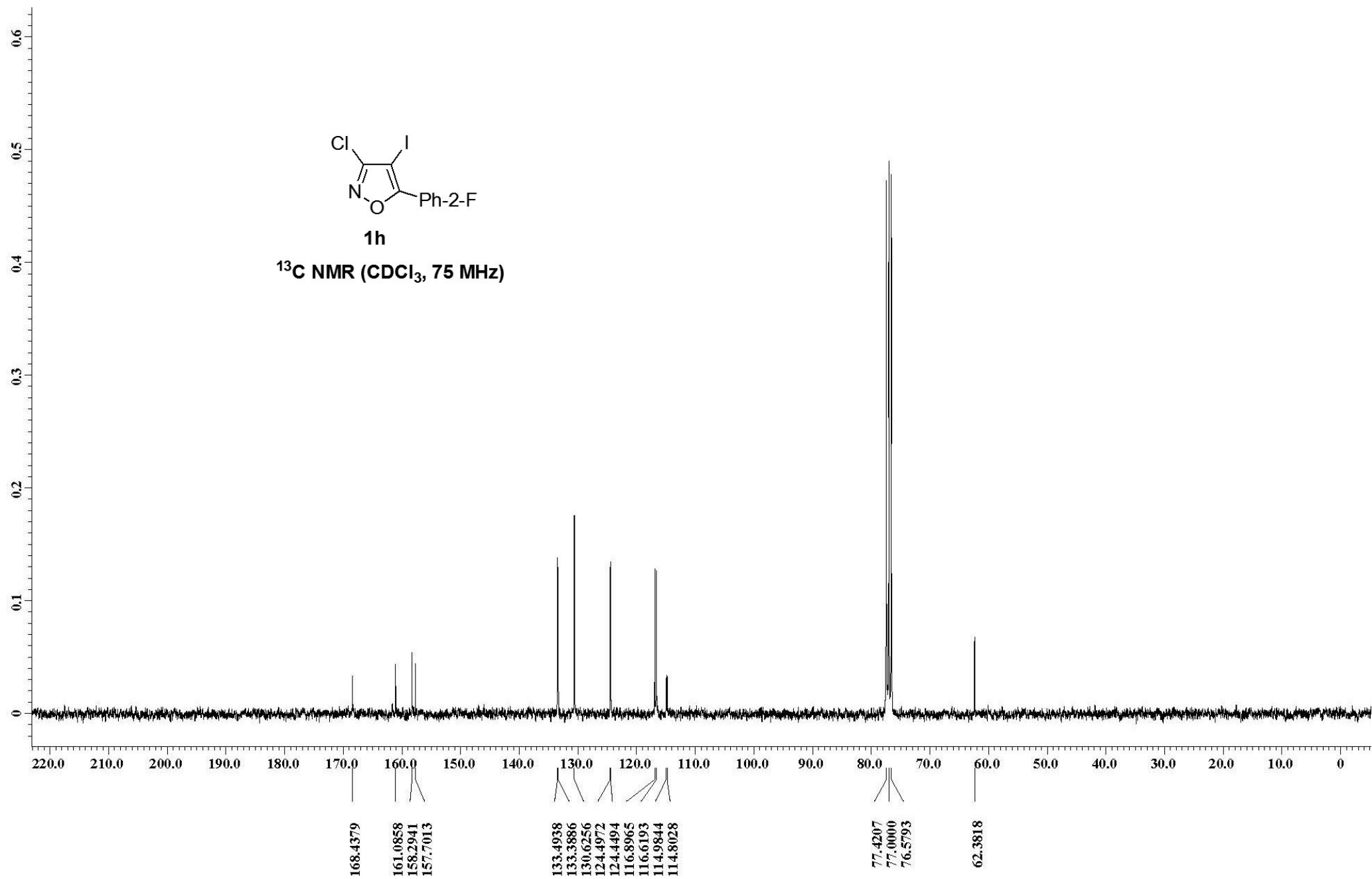


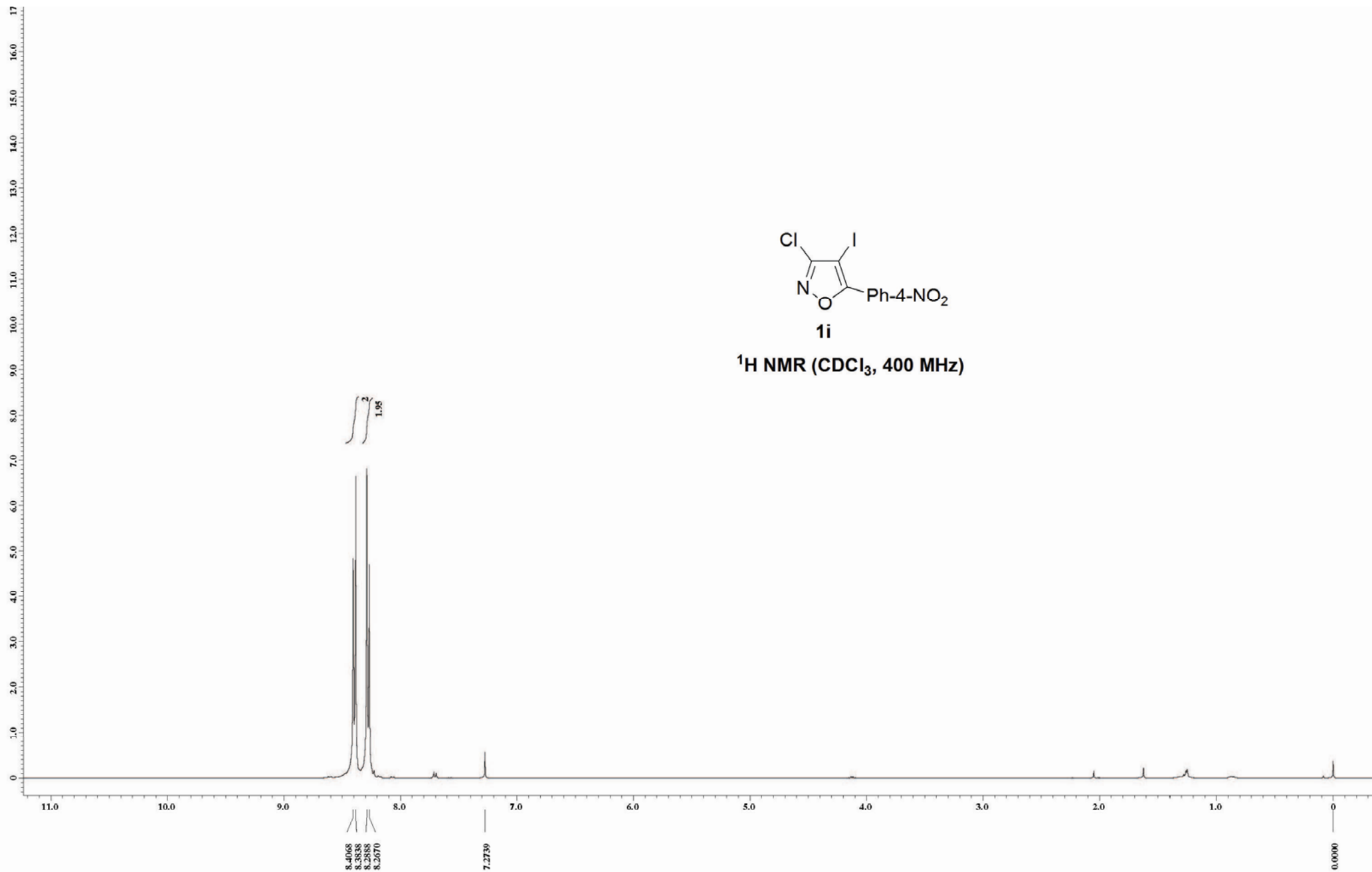


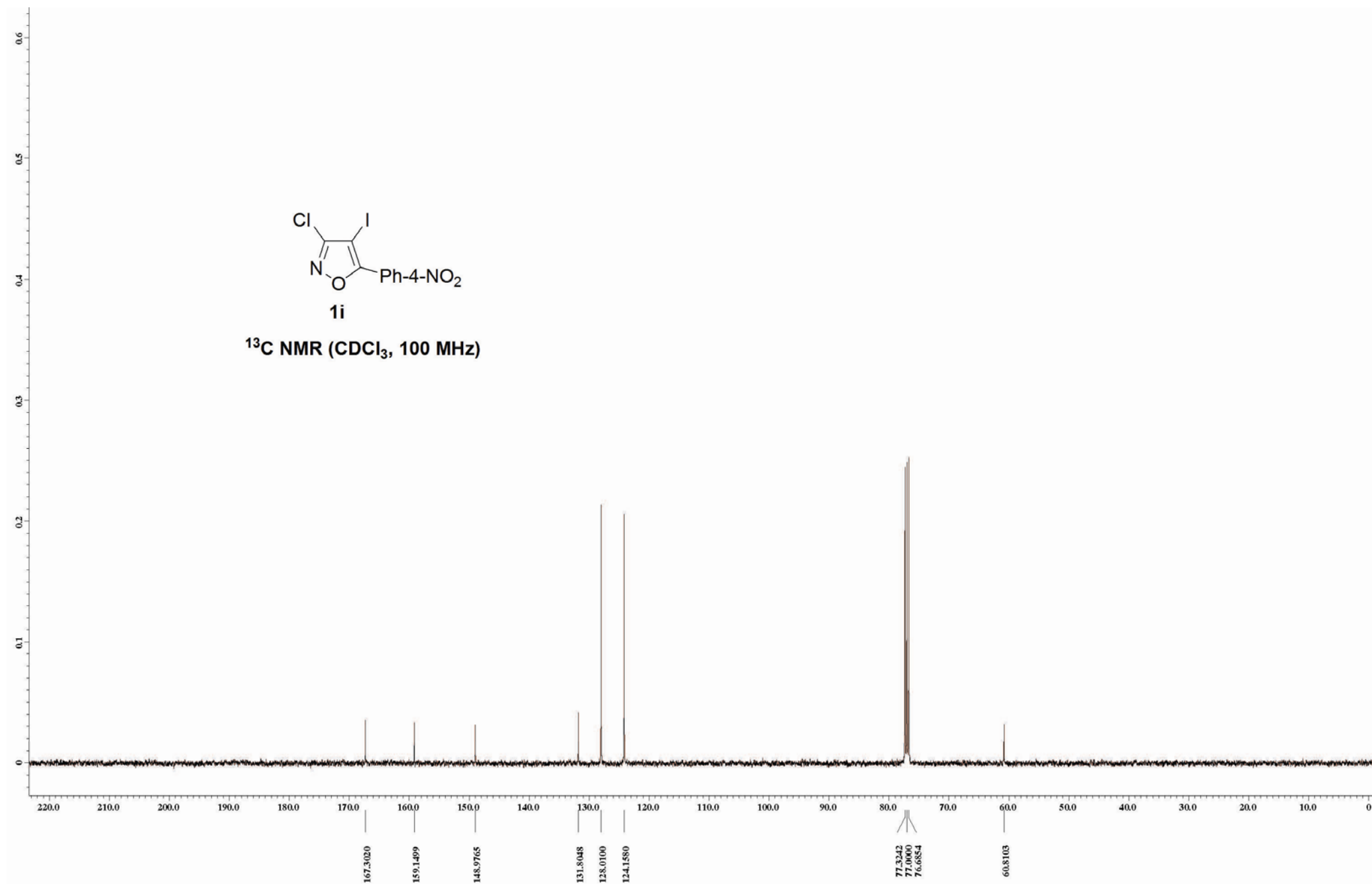


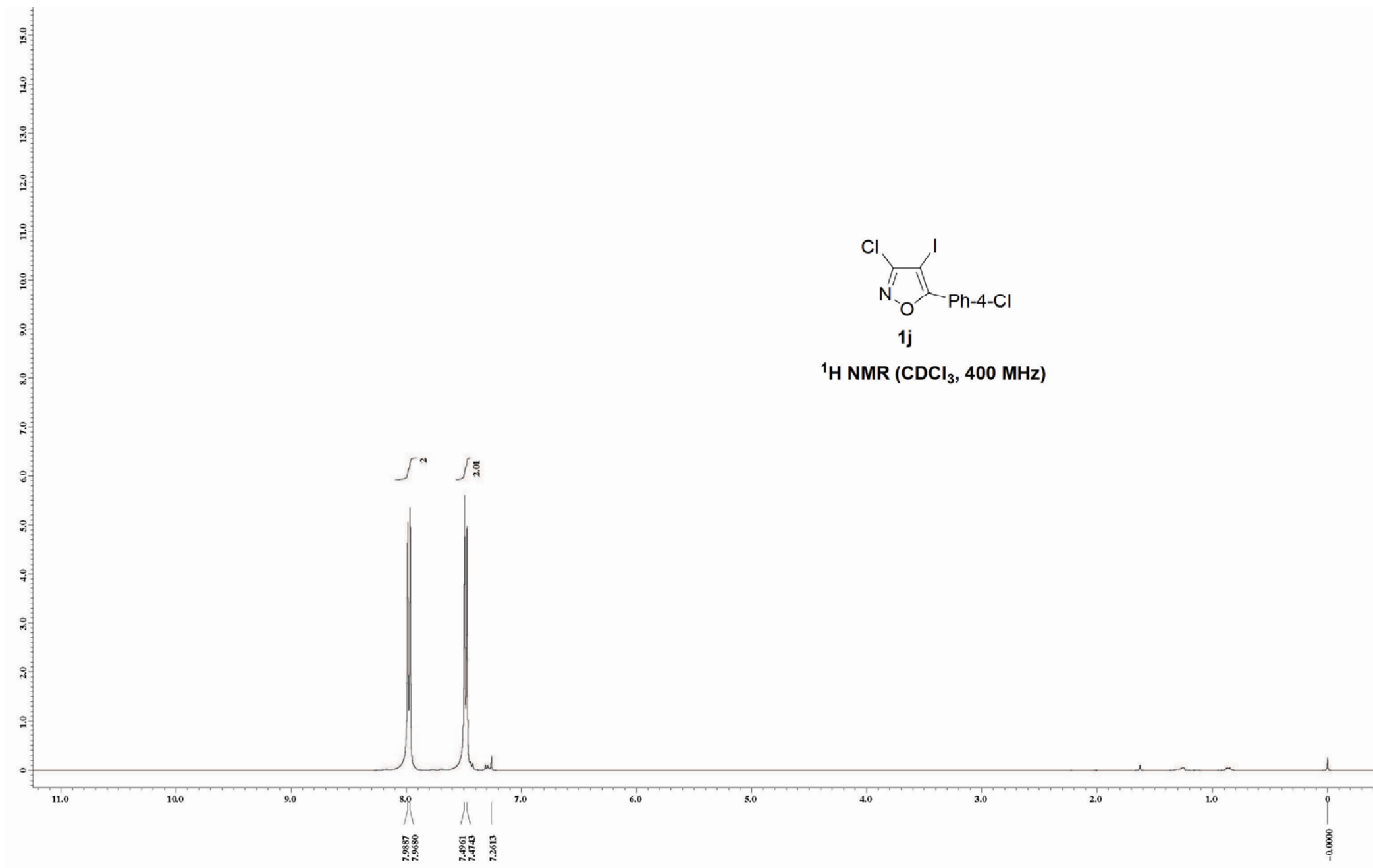


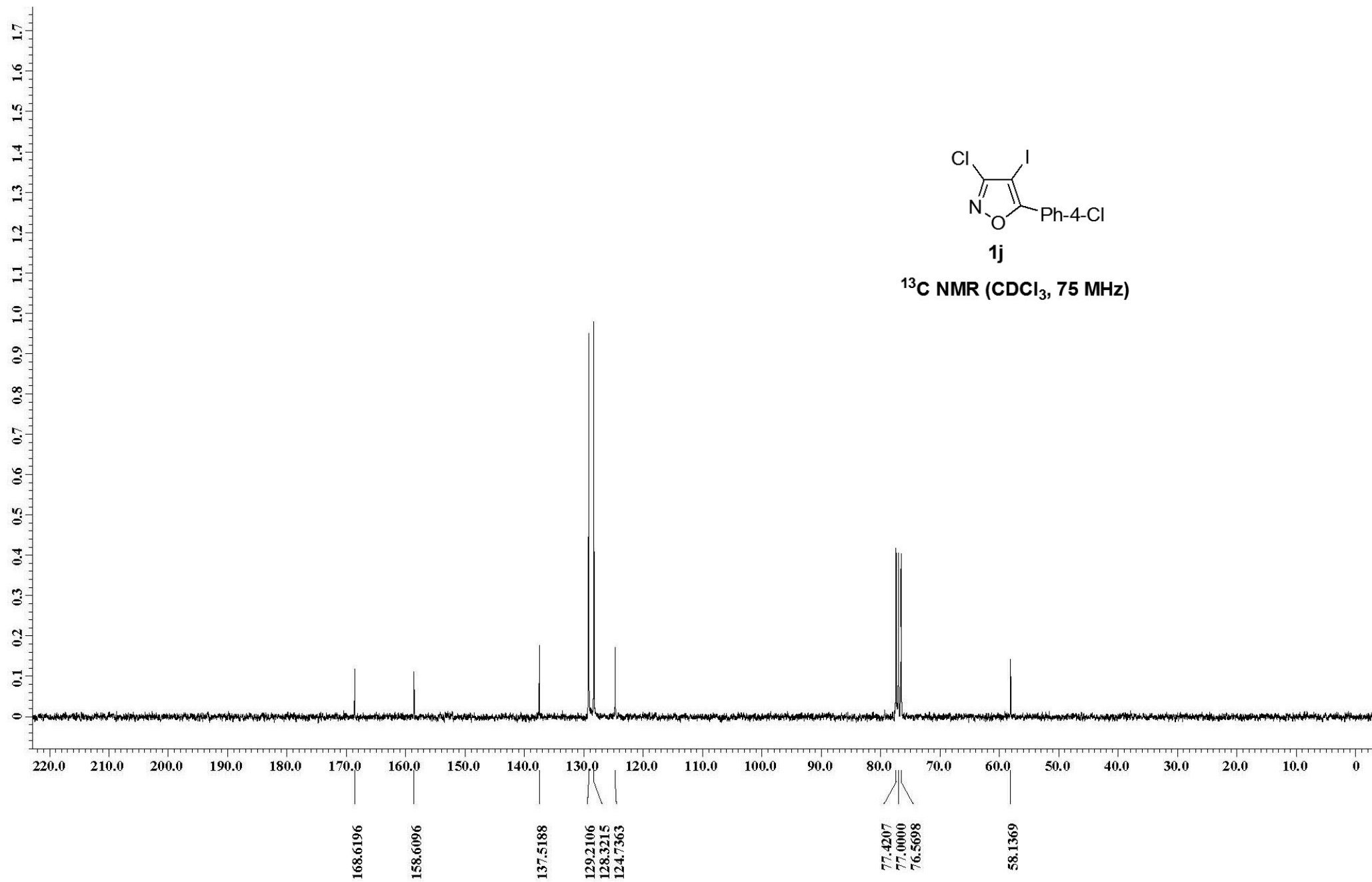


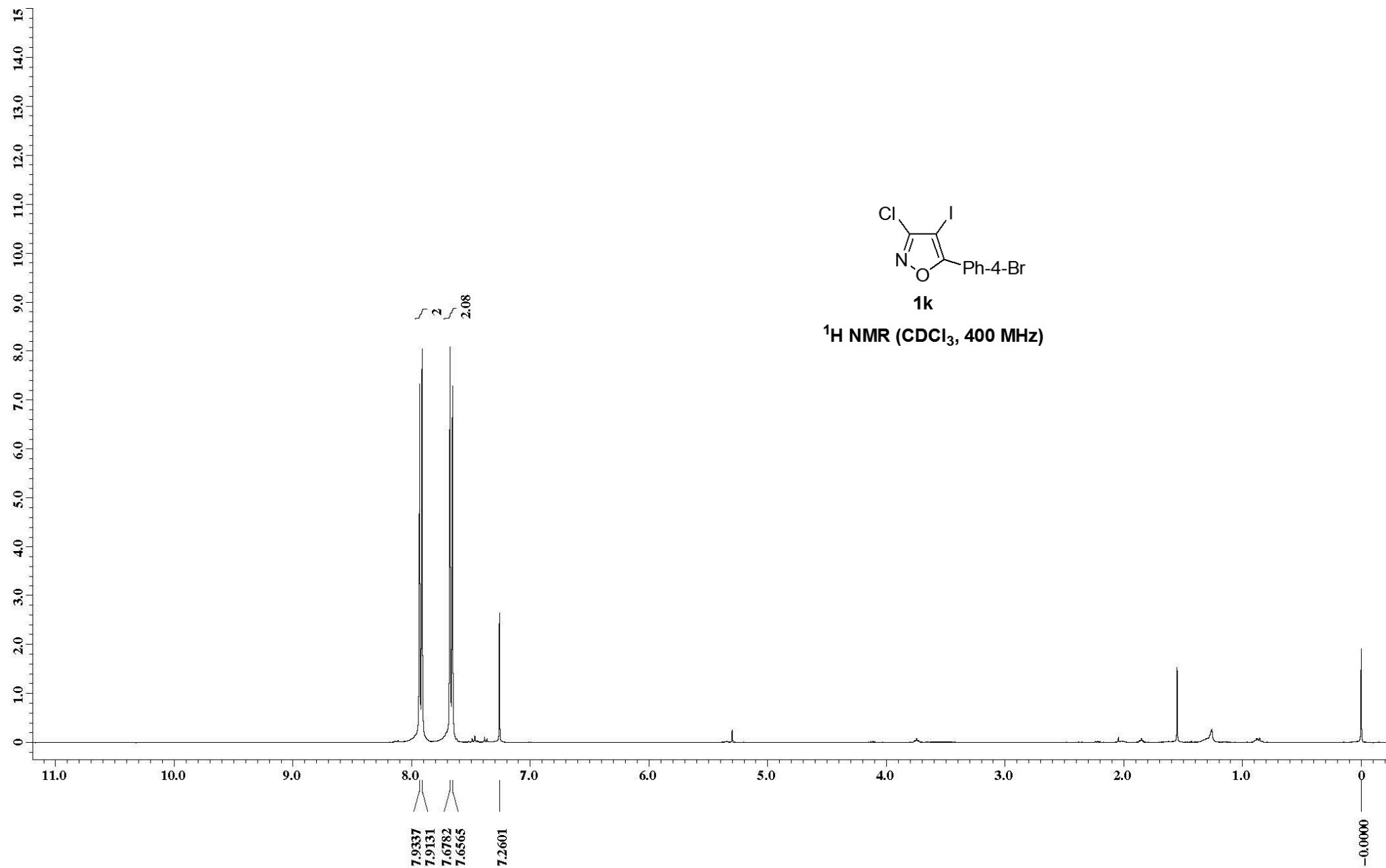


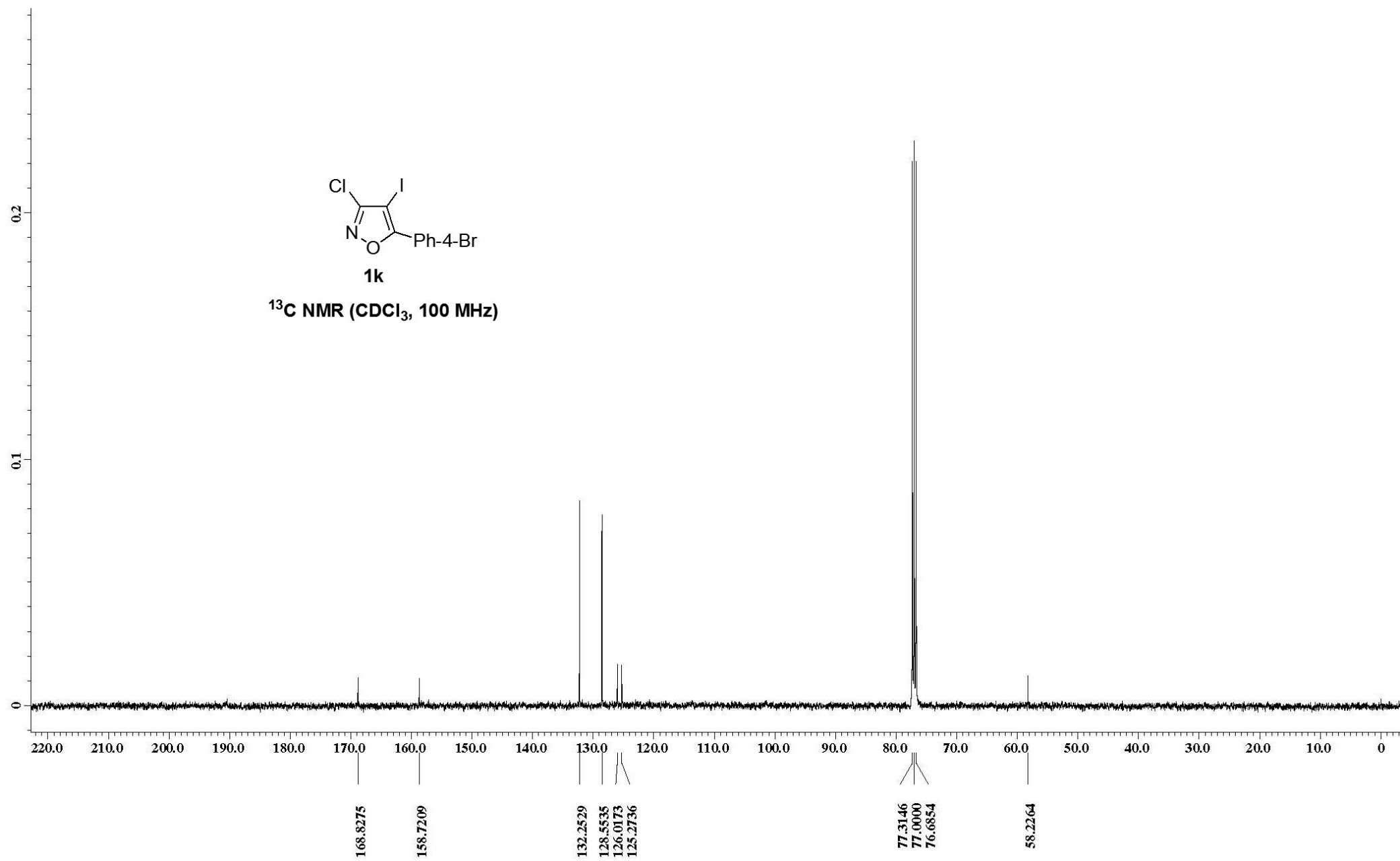


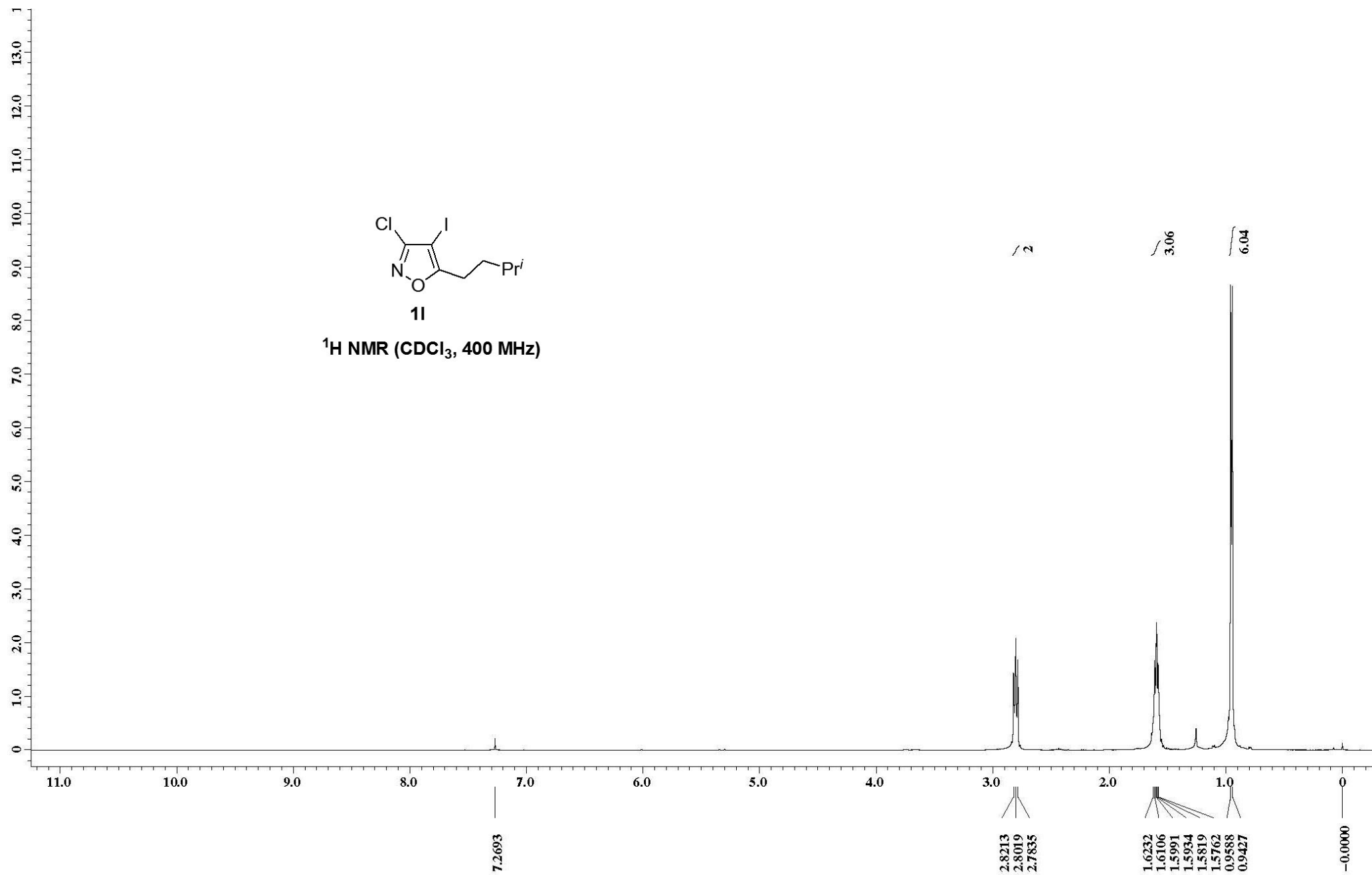


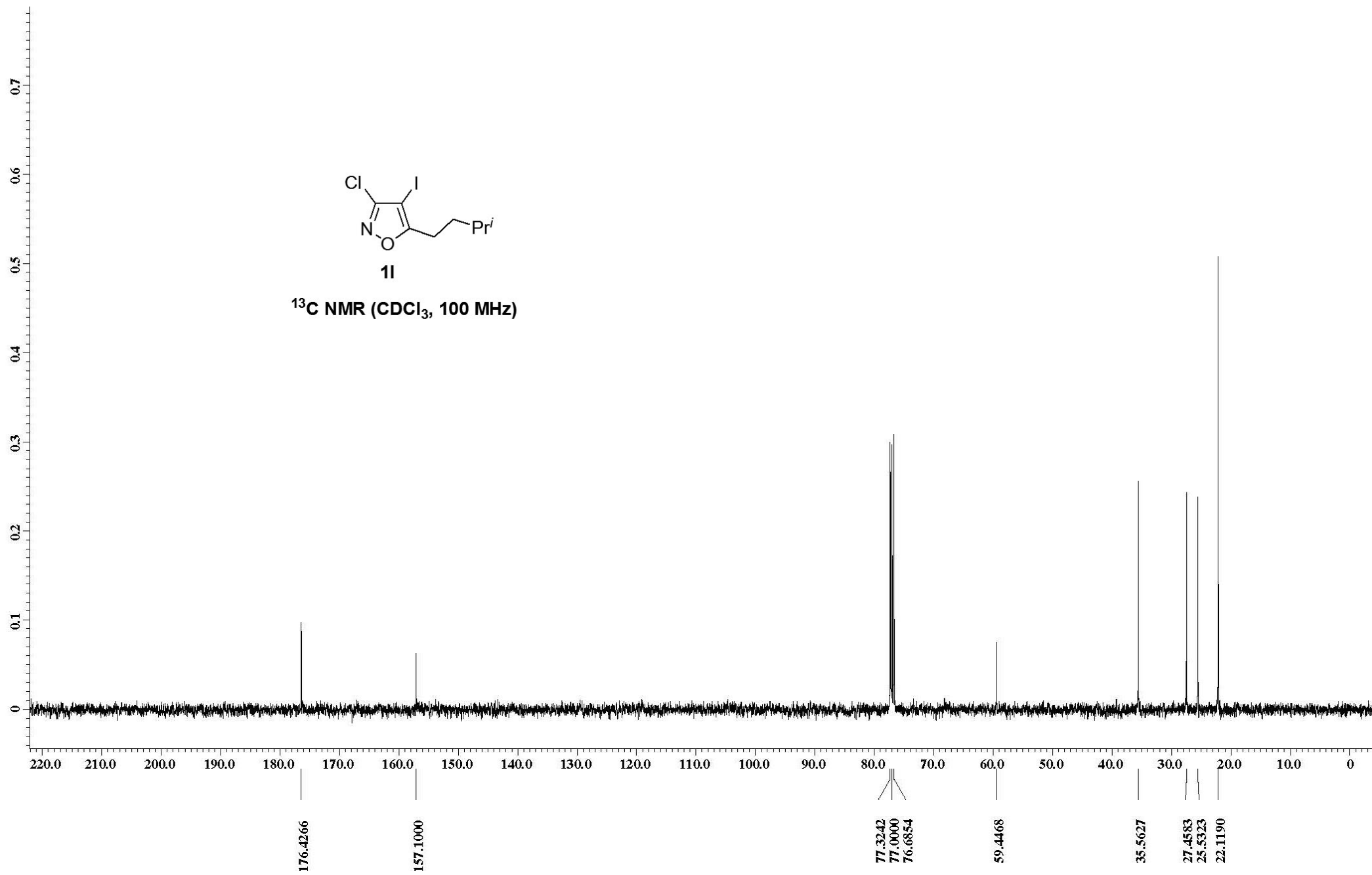


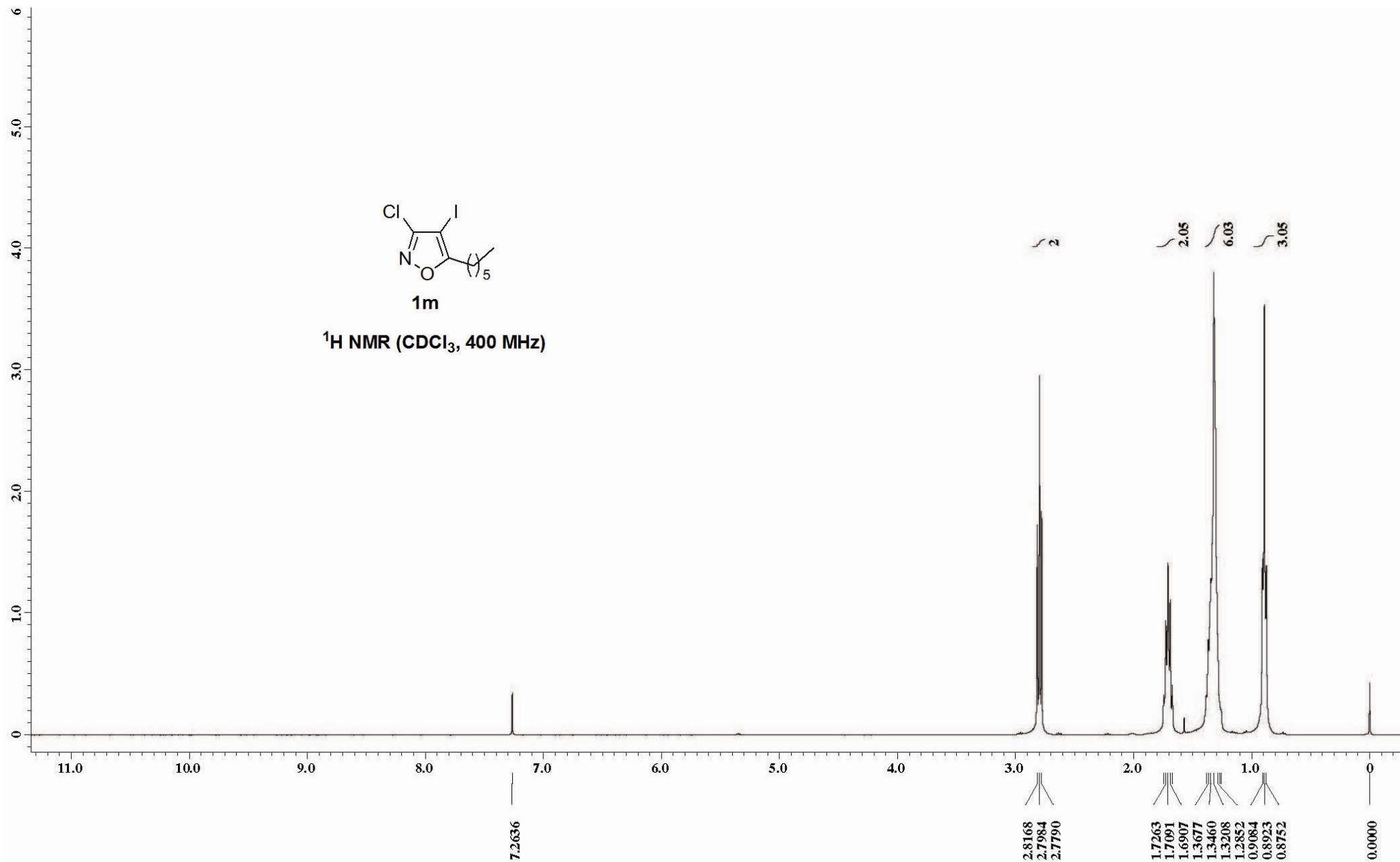


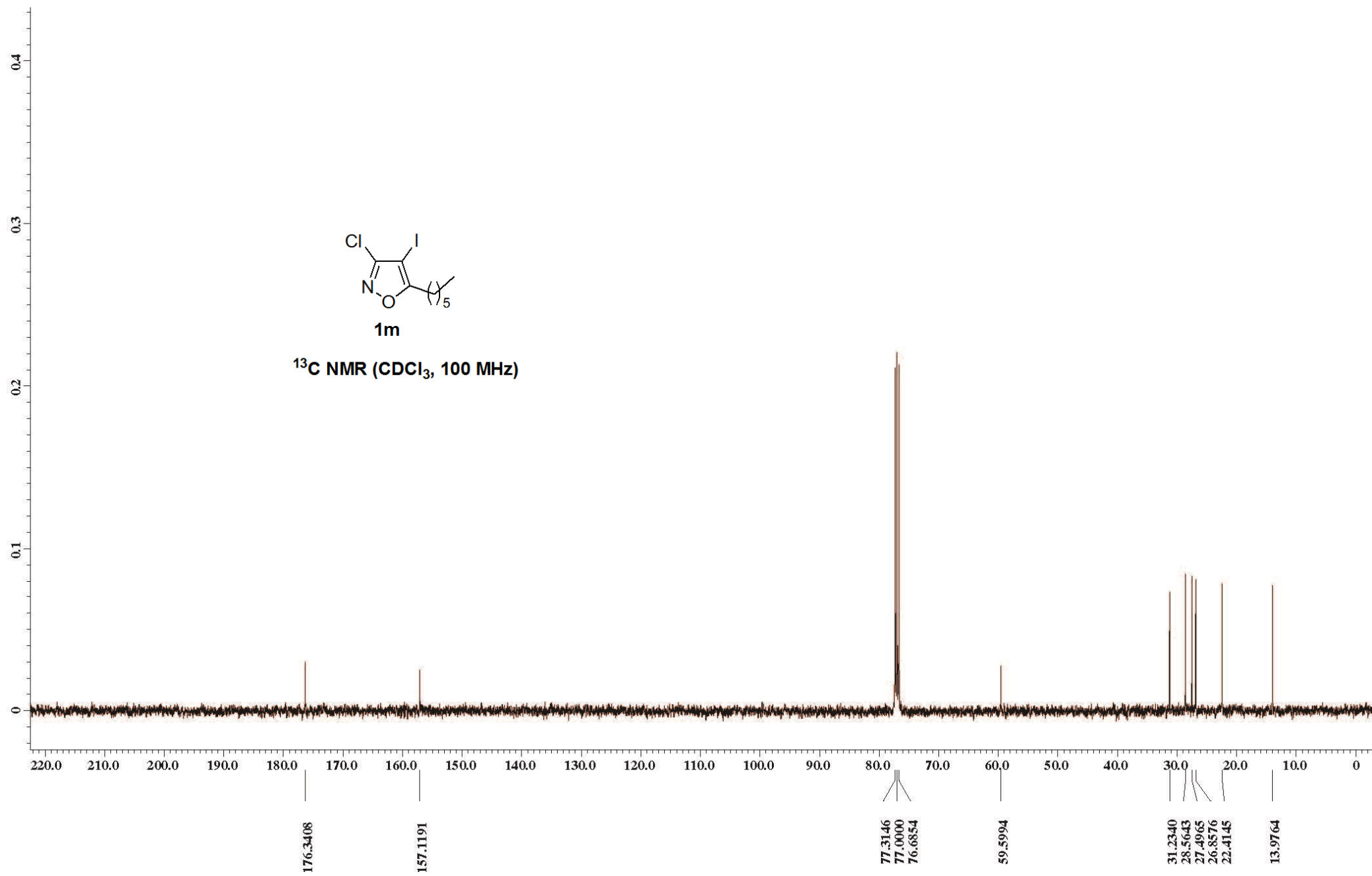


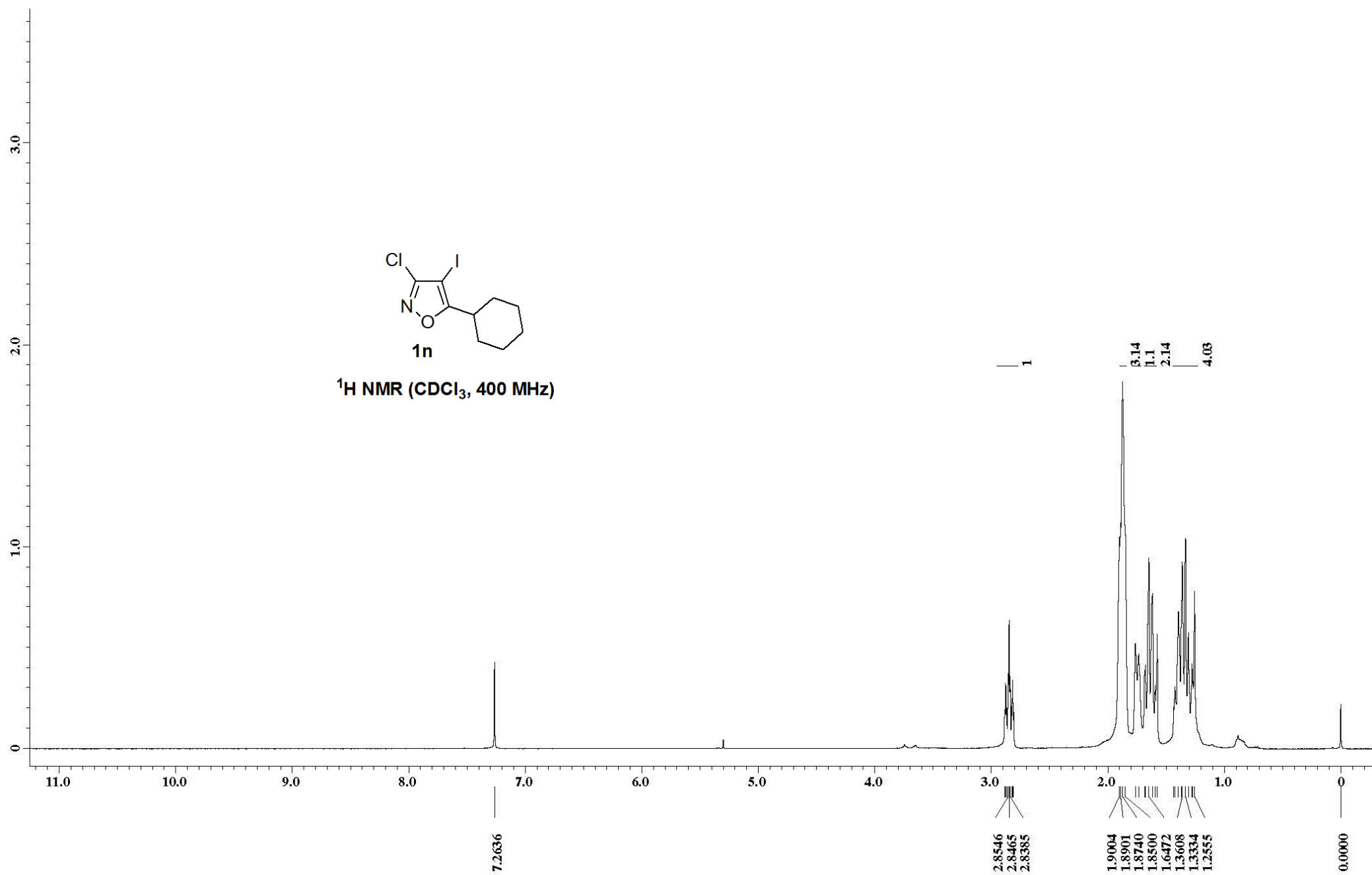


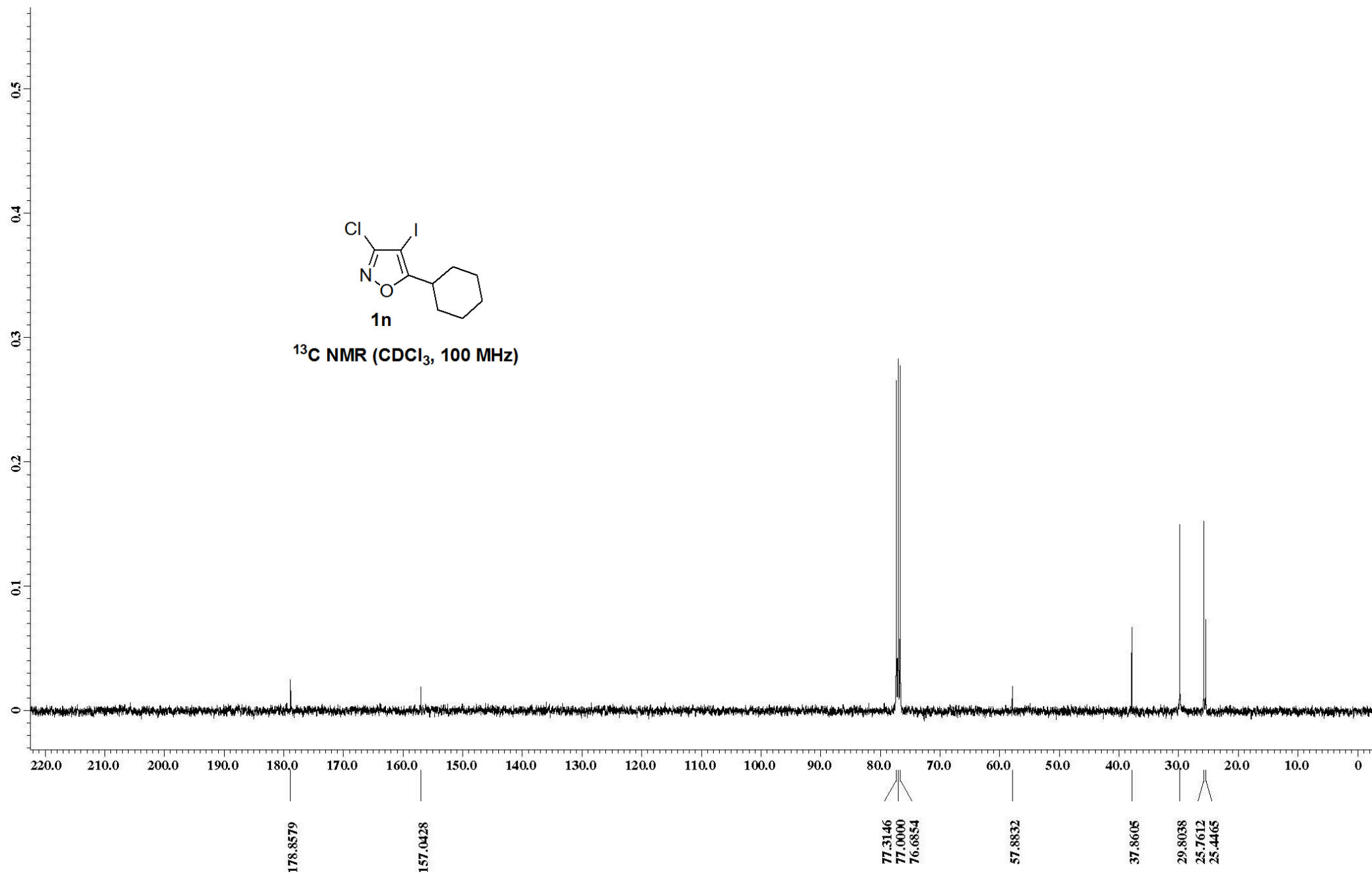


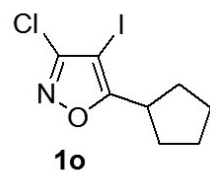




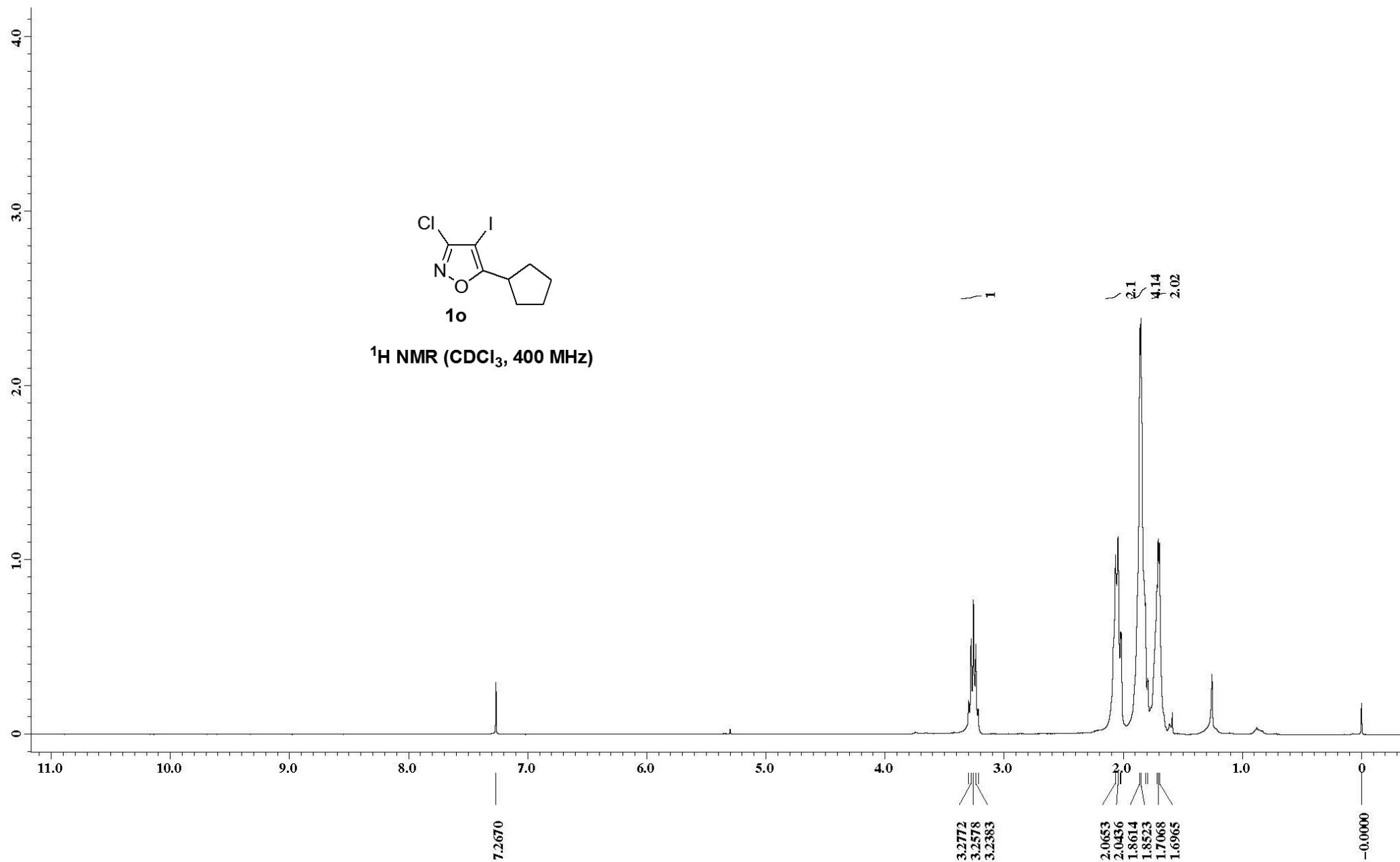


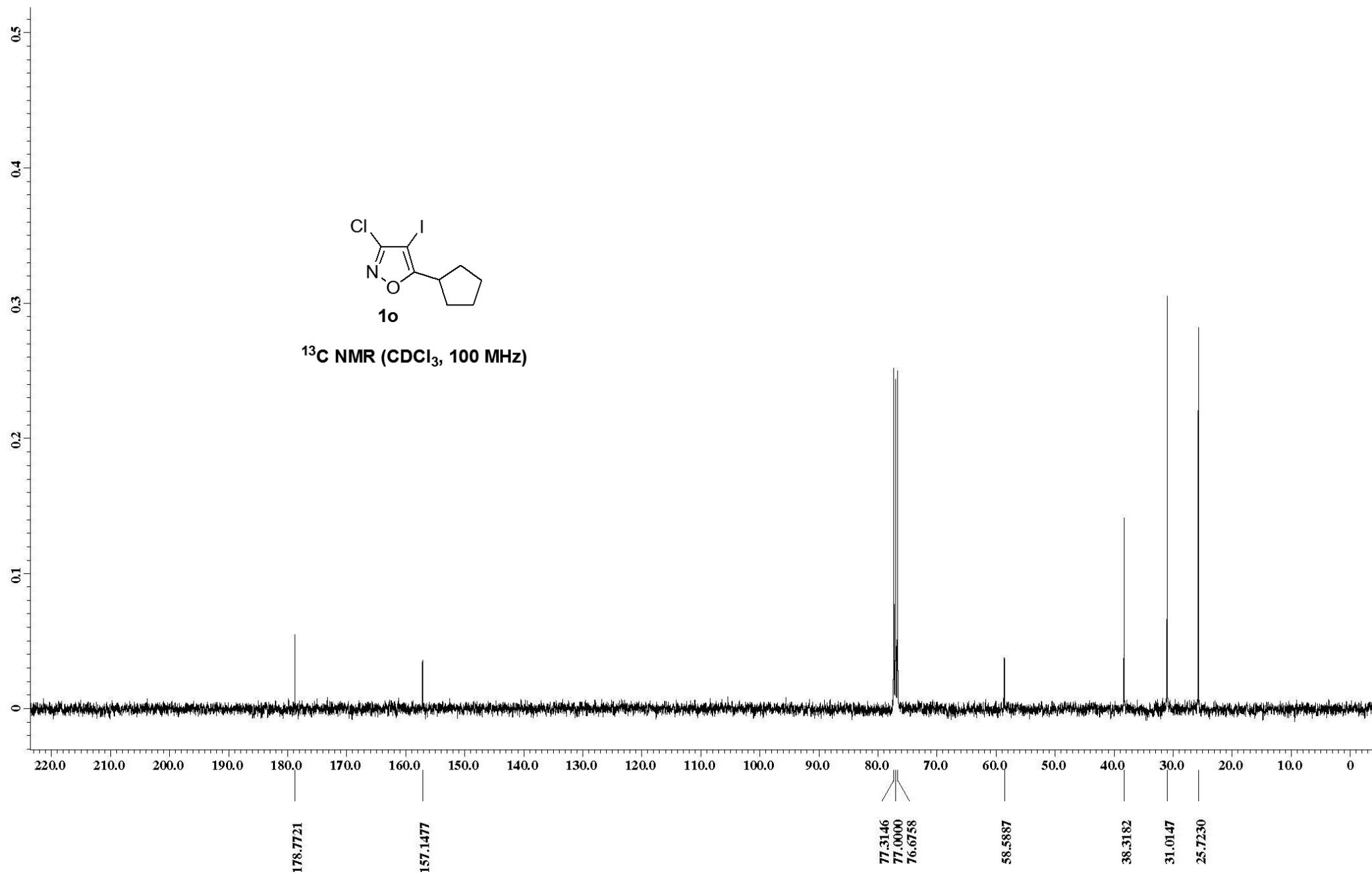


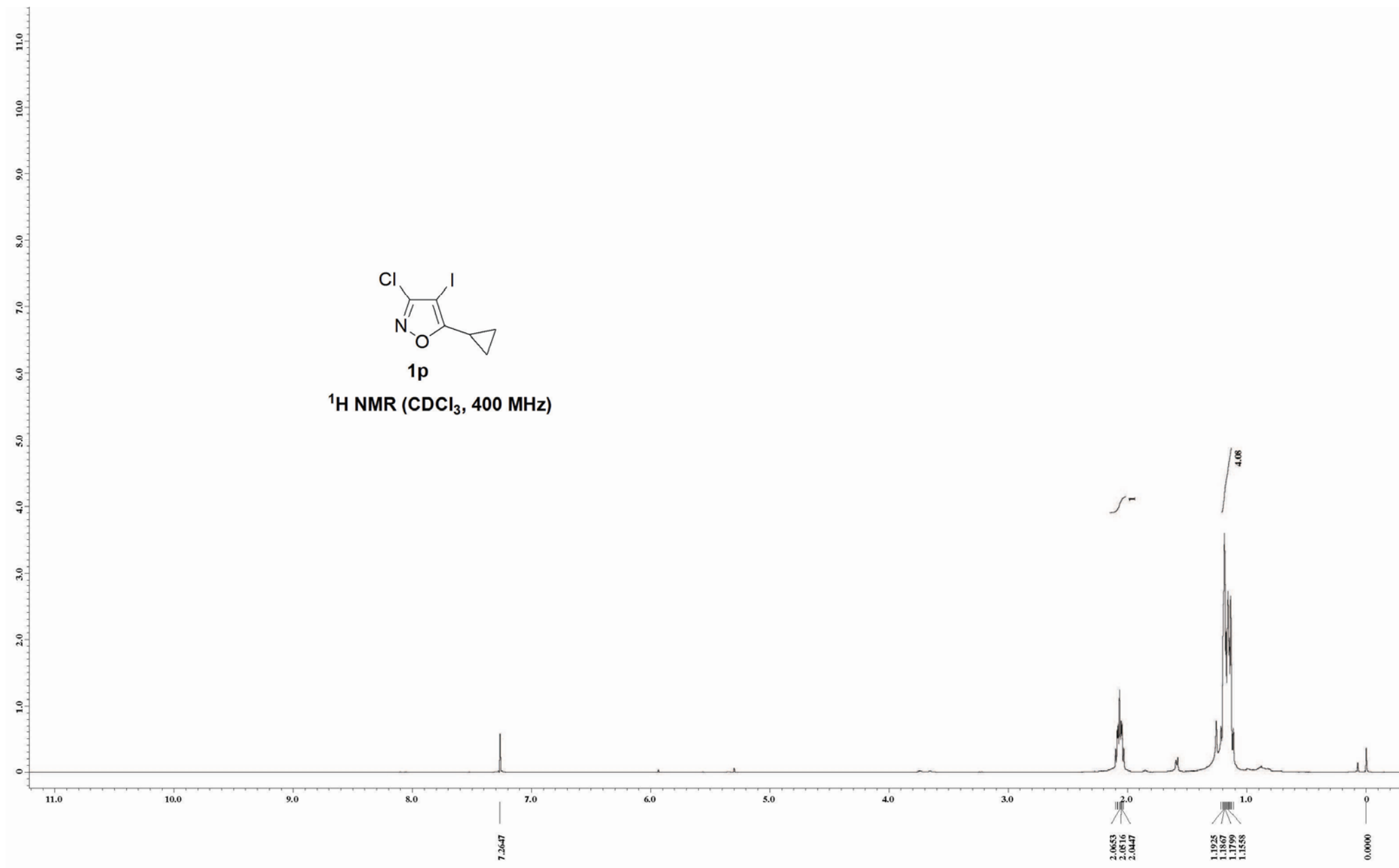


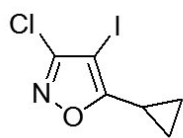


¹H NMR (CDCl₃, 400 MHz)









1p

^{13}C NMR (CDCl_3 , 100 MHz)

