

# Supporting Information

for

## Solvent- and ligand-induced switch of selectivity in gold(I)-catalyzed tandem reactions of 3- propargylindoles

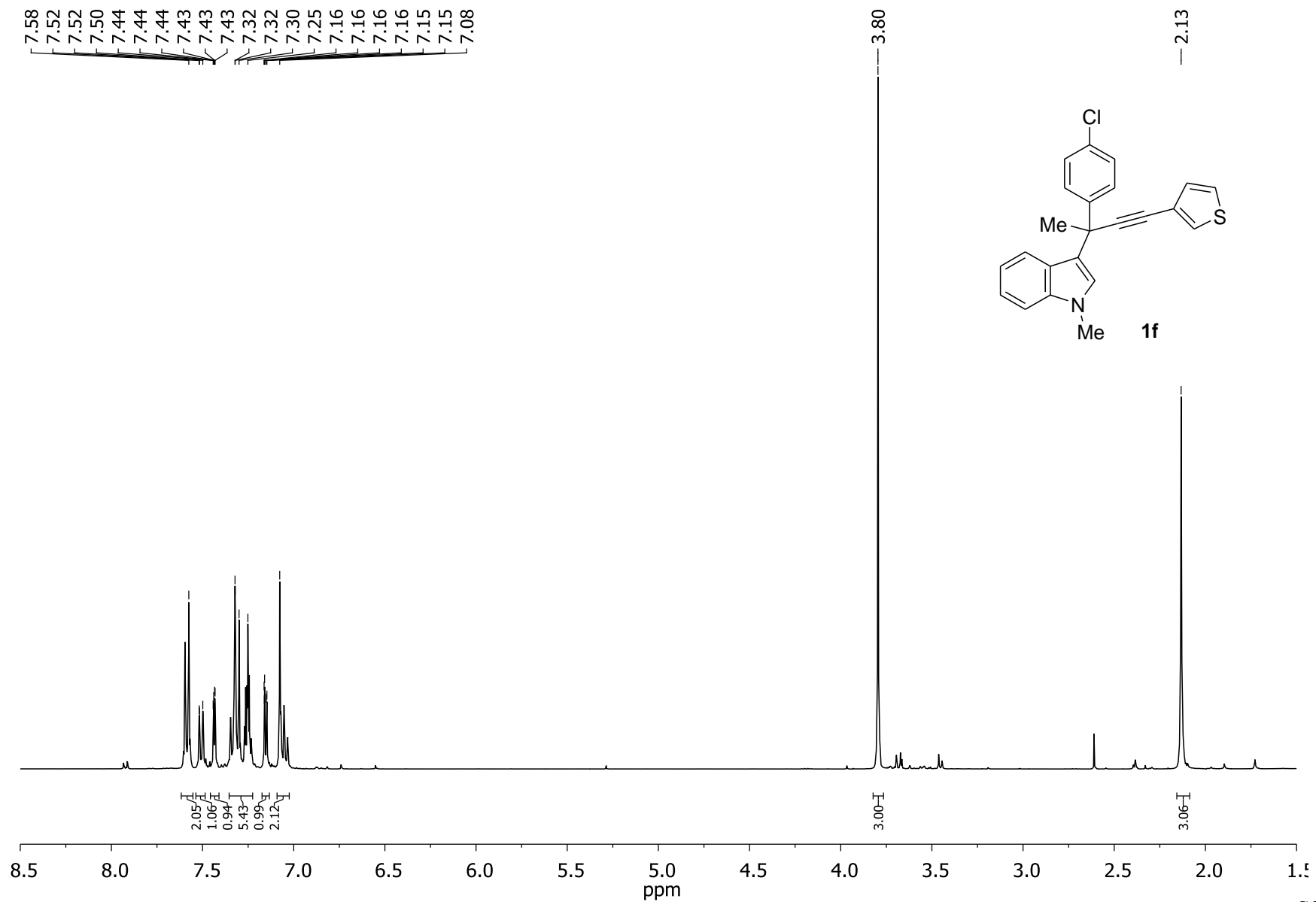
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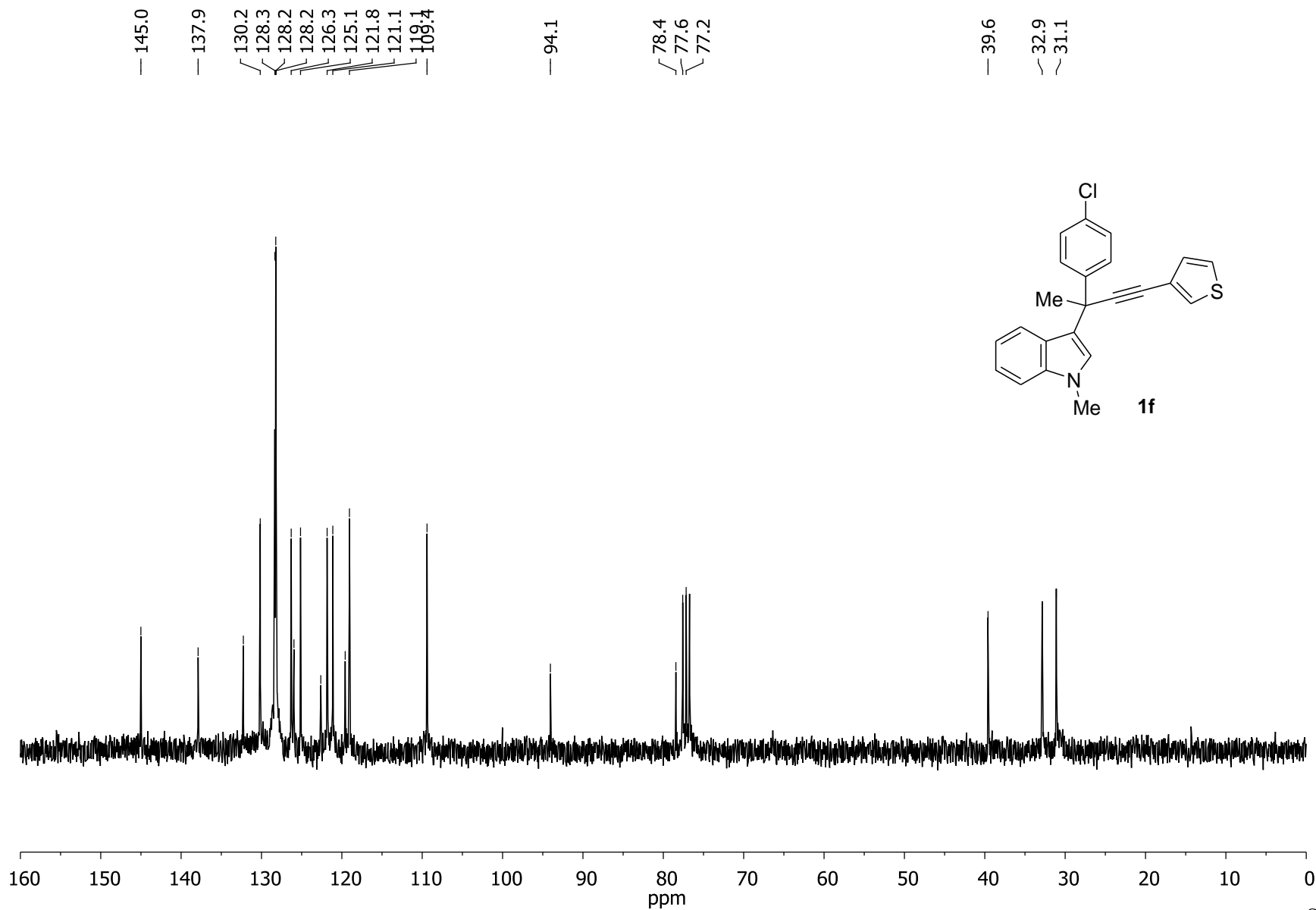
Address: <sup>1</sup>Área de Química Orgánica, Departamento de Química, Facultad de Ciencias, Universidad de Burgos, Pza. Misael Bañuelos s/n, 09001 Burgos, Spain and <sup>2</sup>Instituto Universitario de Química Organometálica “Enrique Moles”, Universidad de Oviedo, C/Julián Clavería 8, 33006 Oviedo, Spain

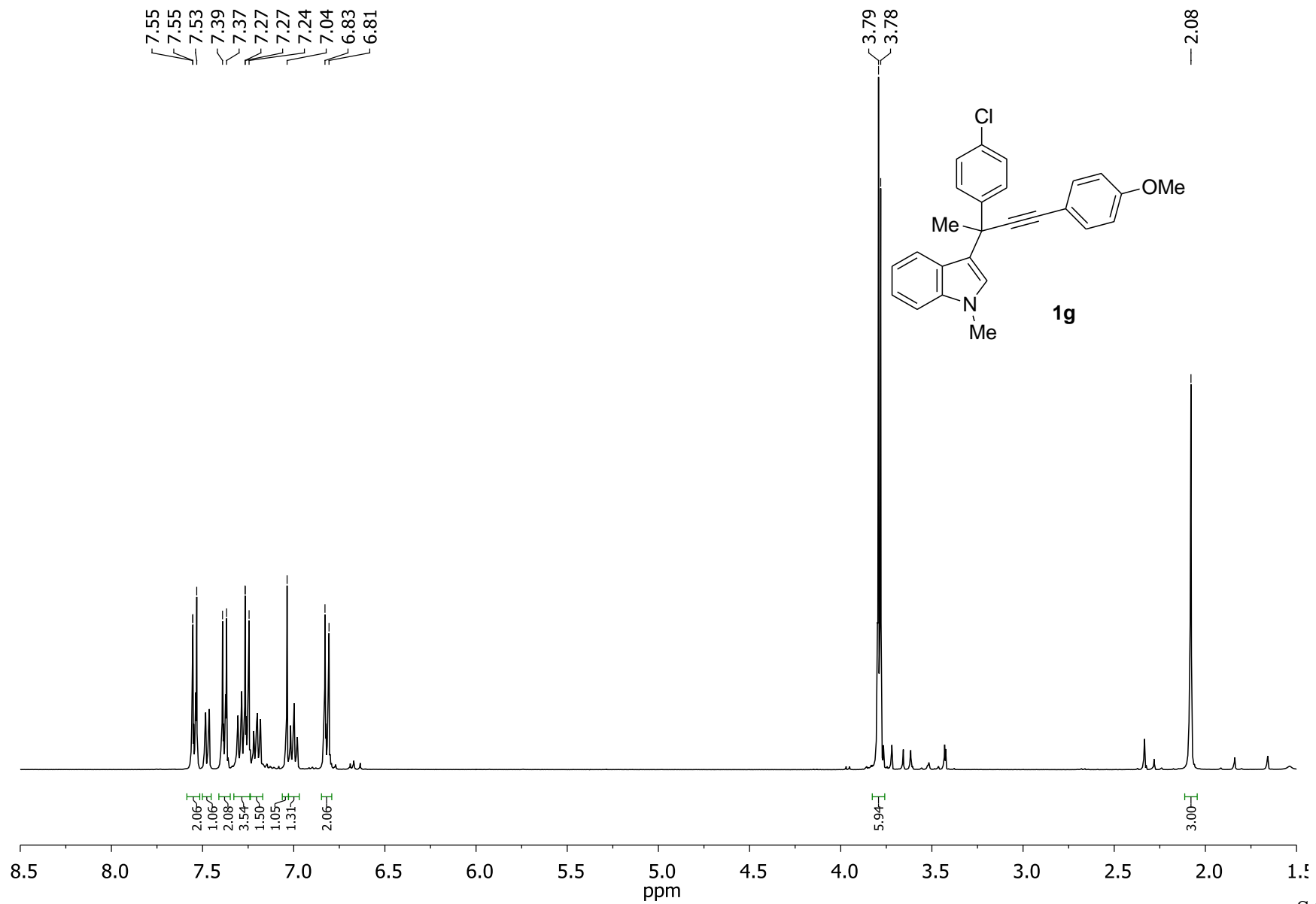
Email: Roberto Sanz - [rsd@ubu.es](mailto:rsd@ubu.es)

\*Corresponding author

***NMR spectra***







— 159.3  
— 145.3  
/ 137.9  
/ 133.1  
/ 132.1  
/ 128.3  
/ 128.2  
/ 126.2  
/ 126.0  
/ 121.8  
/ 121.2  
/ 119.8  
/ 119.0  
/ 115.8  
/ 113.8  
/ 109.4

— 93.0

— 83.1

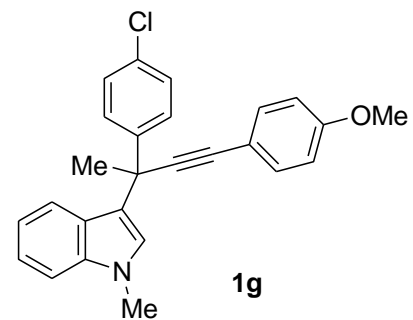
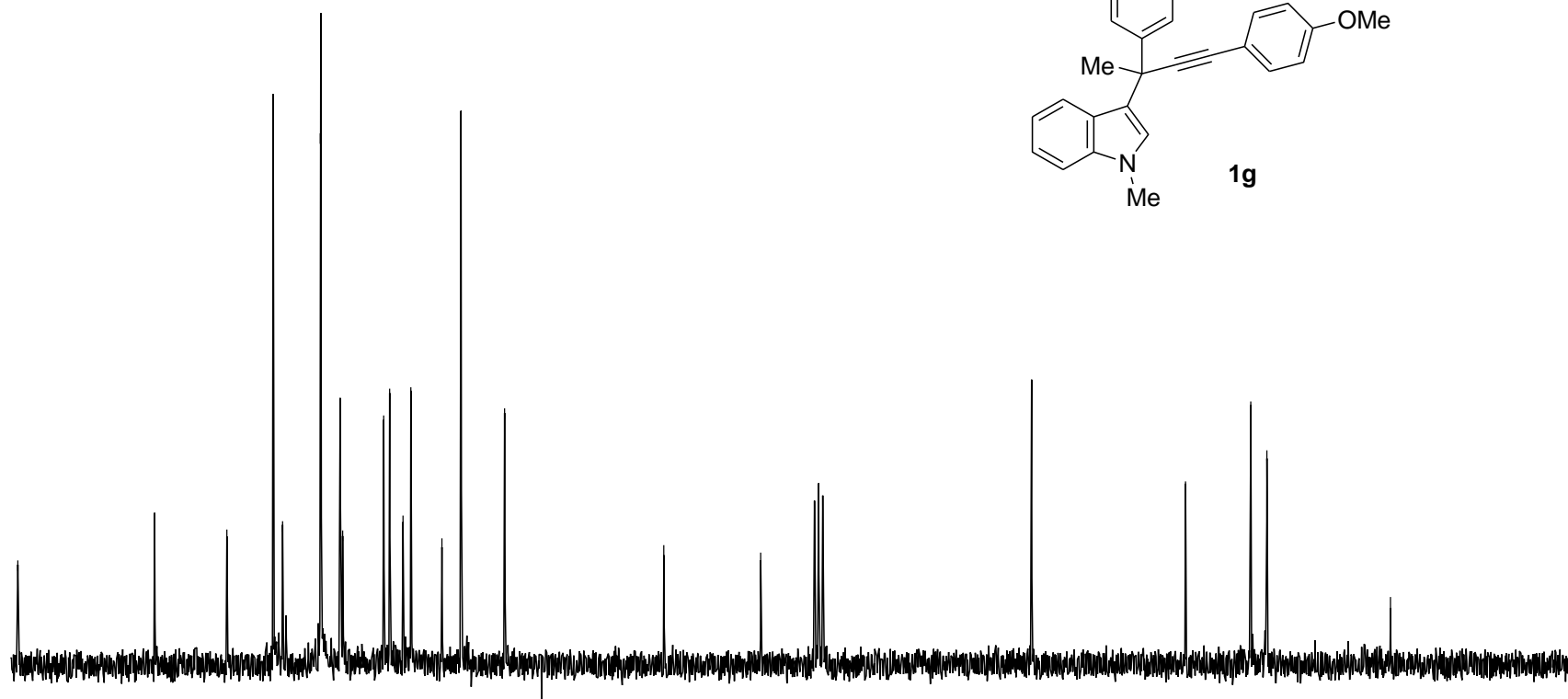
— 55.3

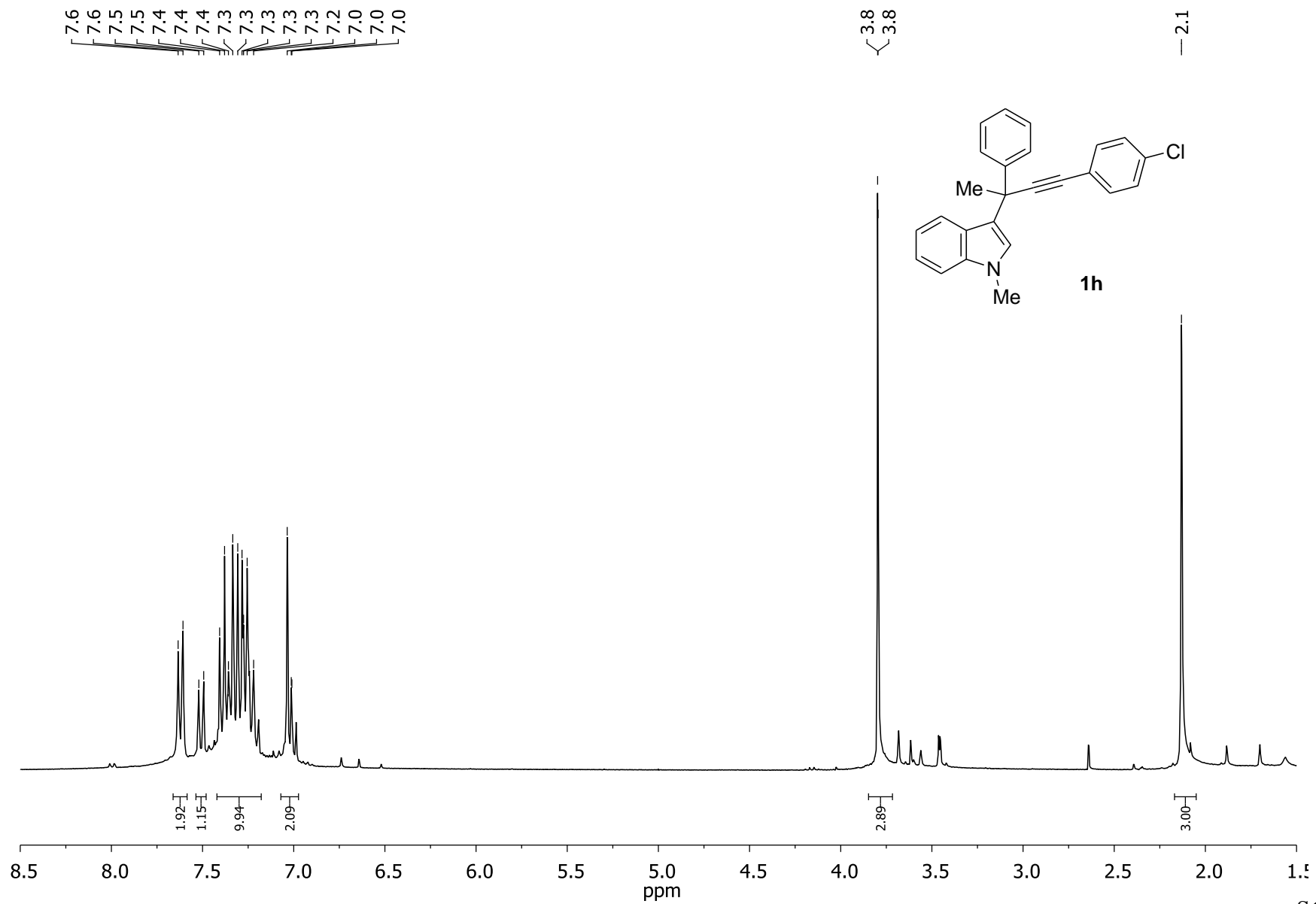
— 39.5

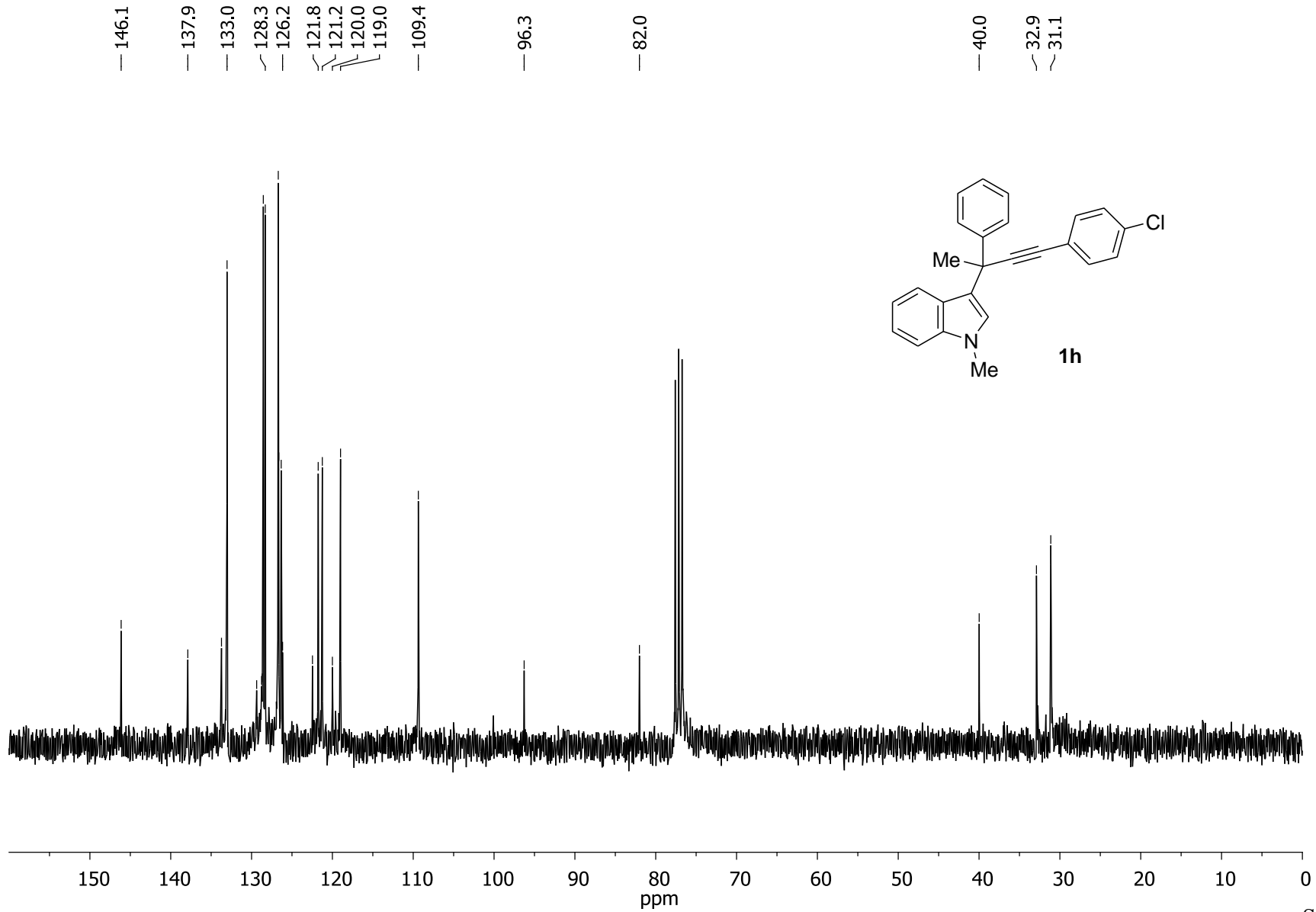
~ 32.8

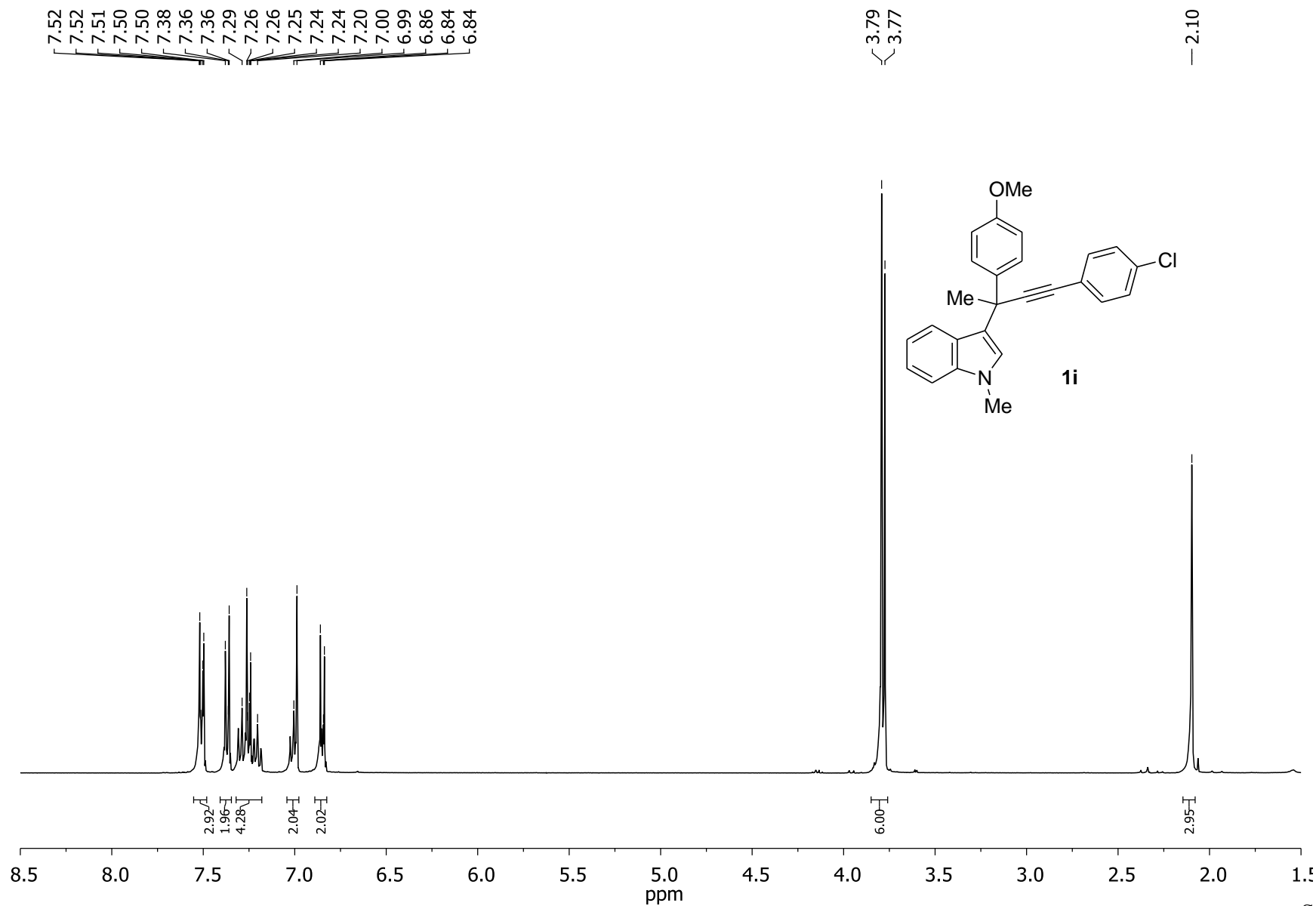
~ 31.2

— 18.5

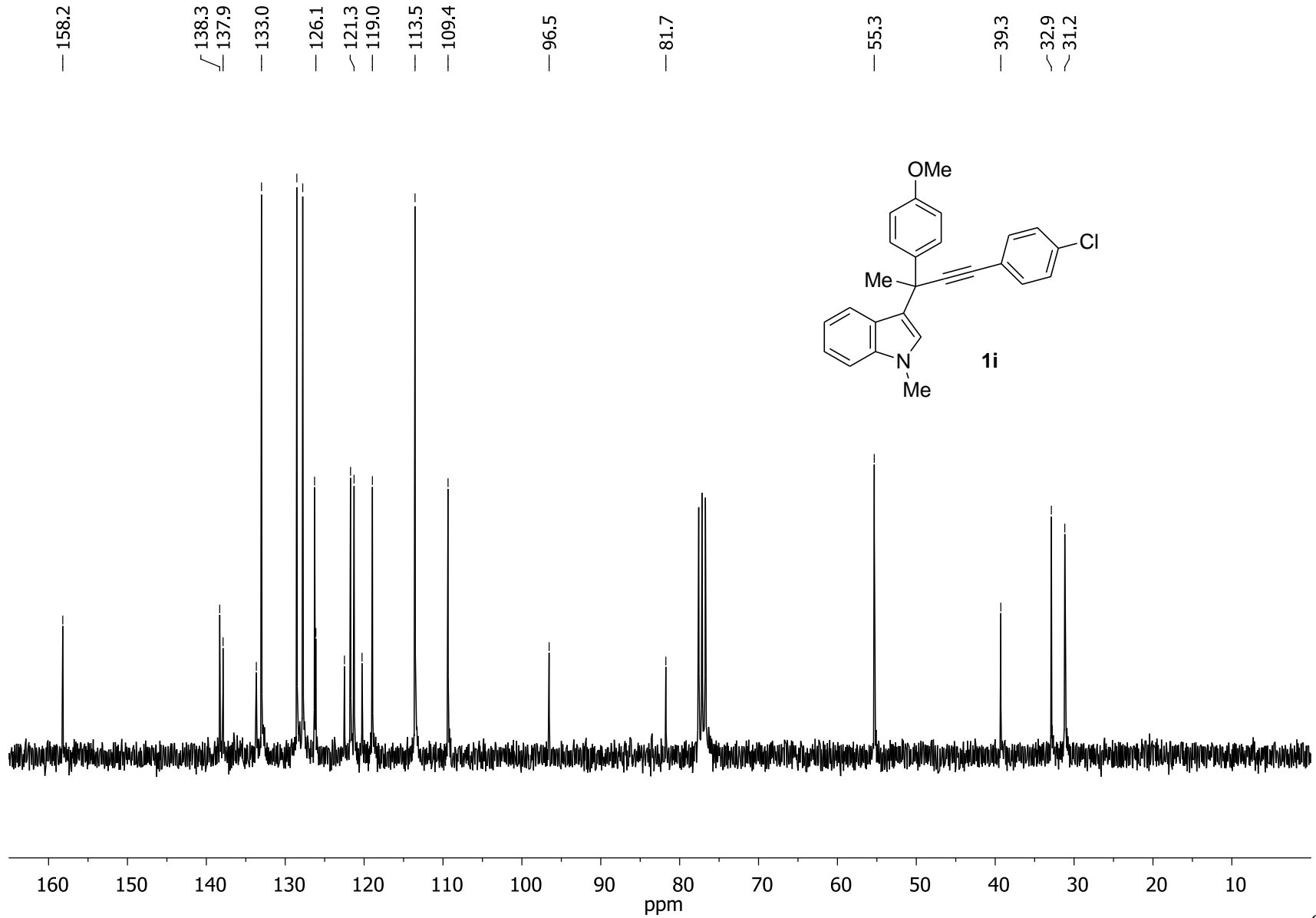


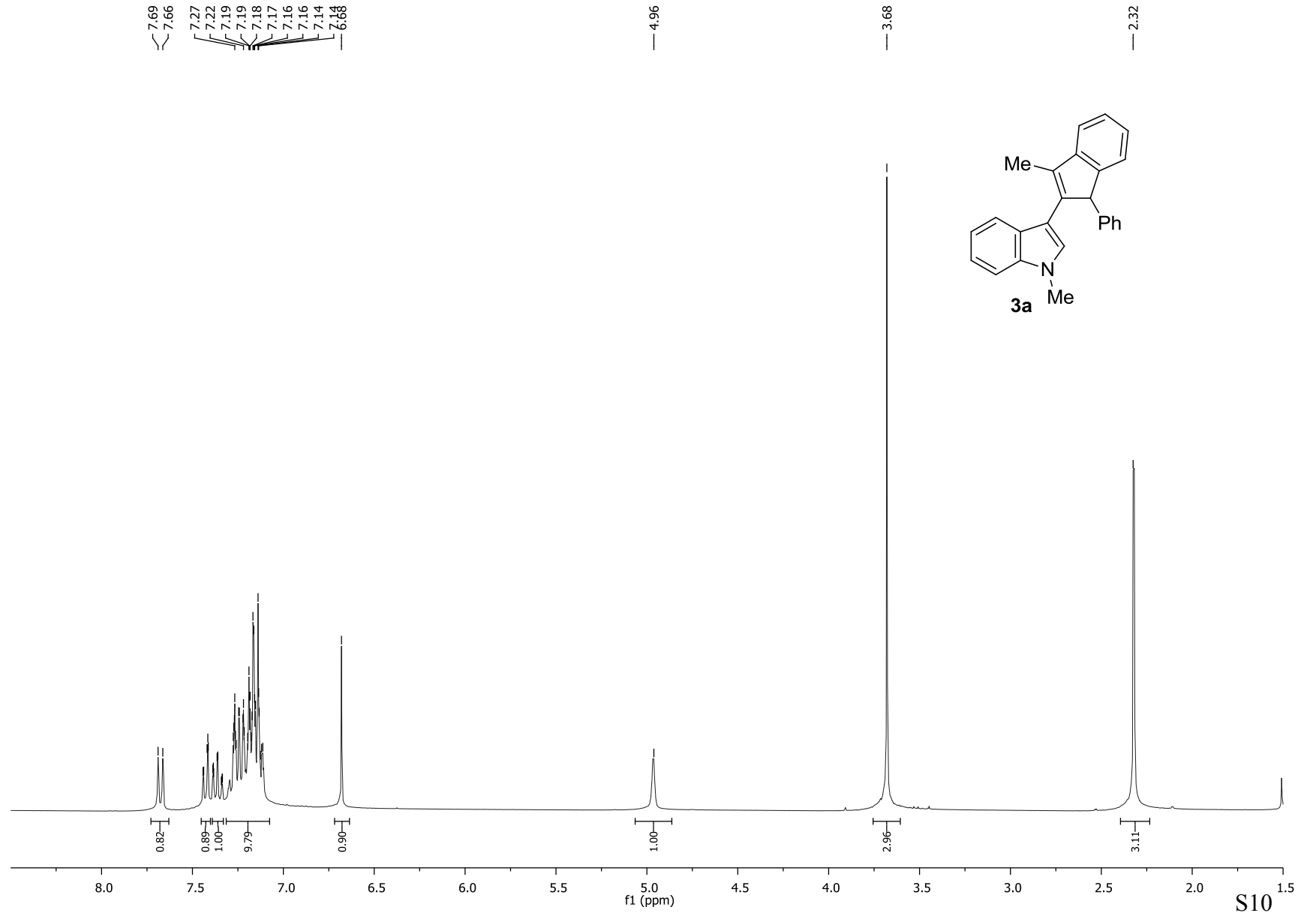


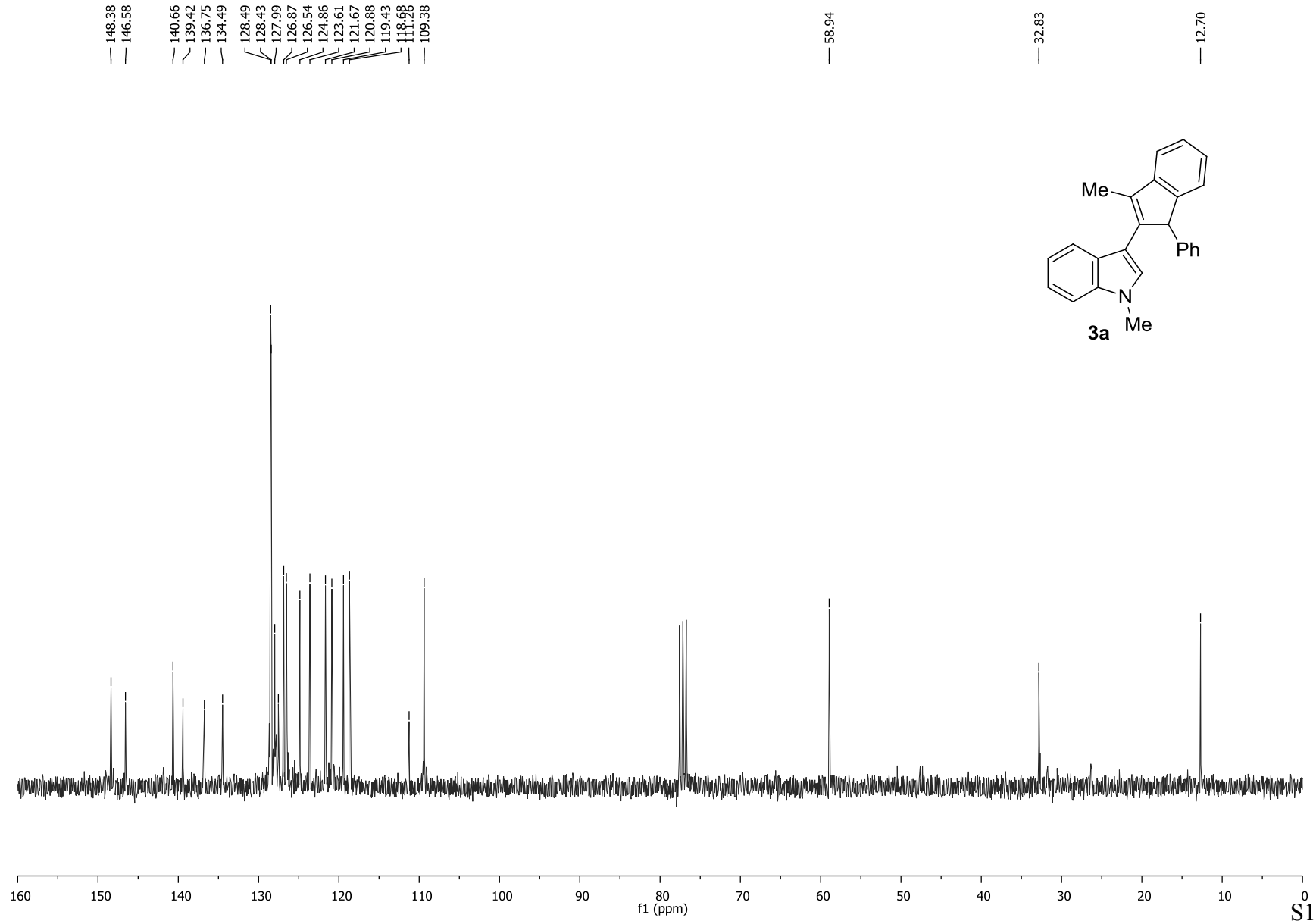


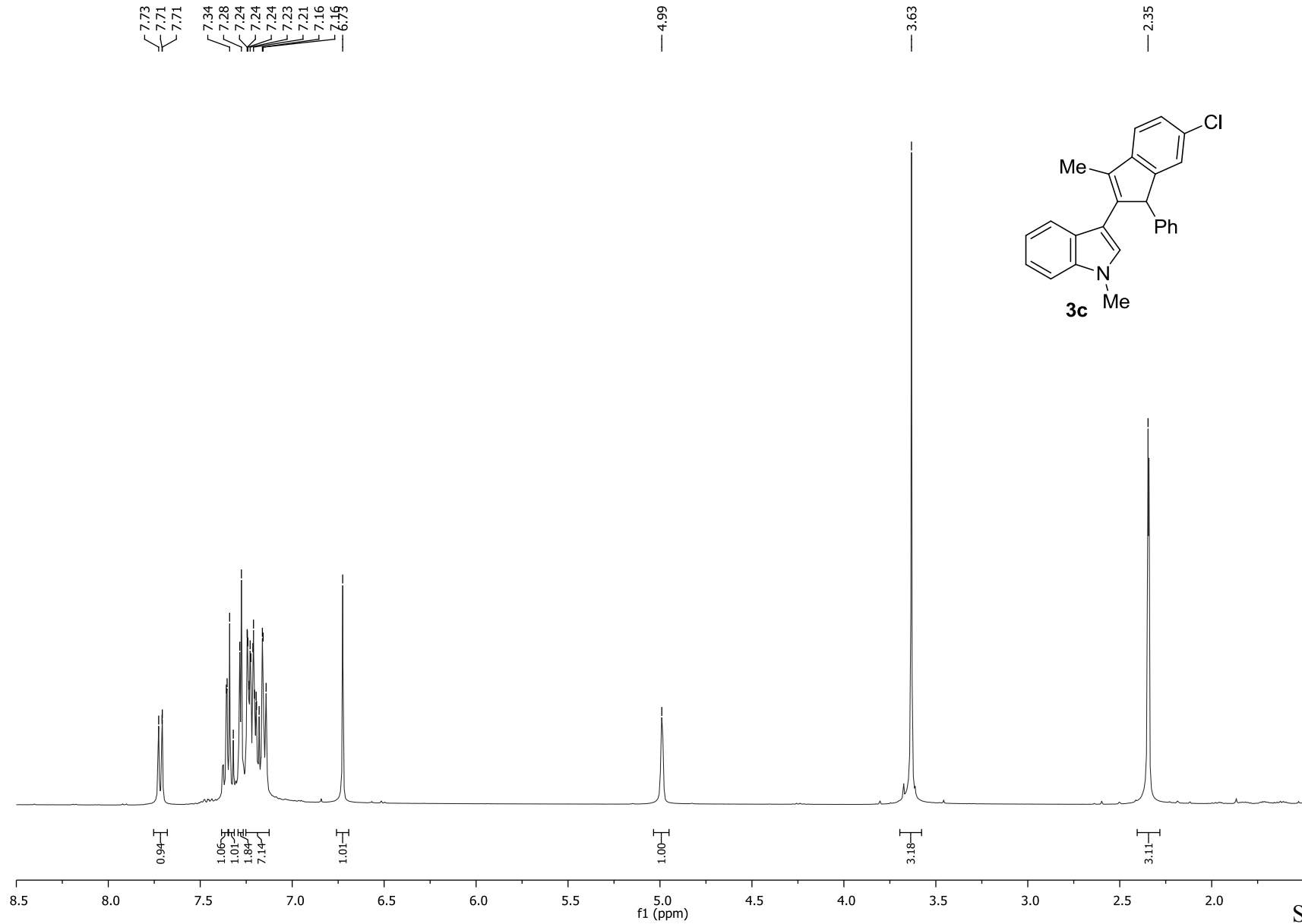


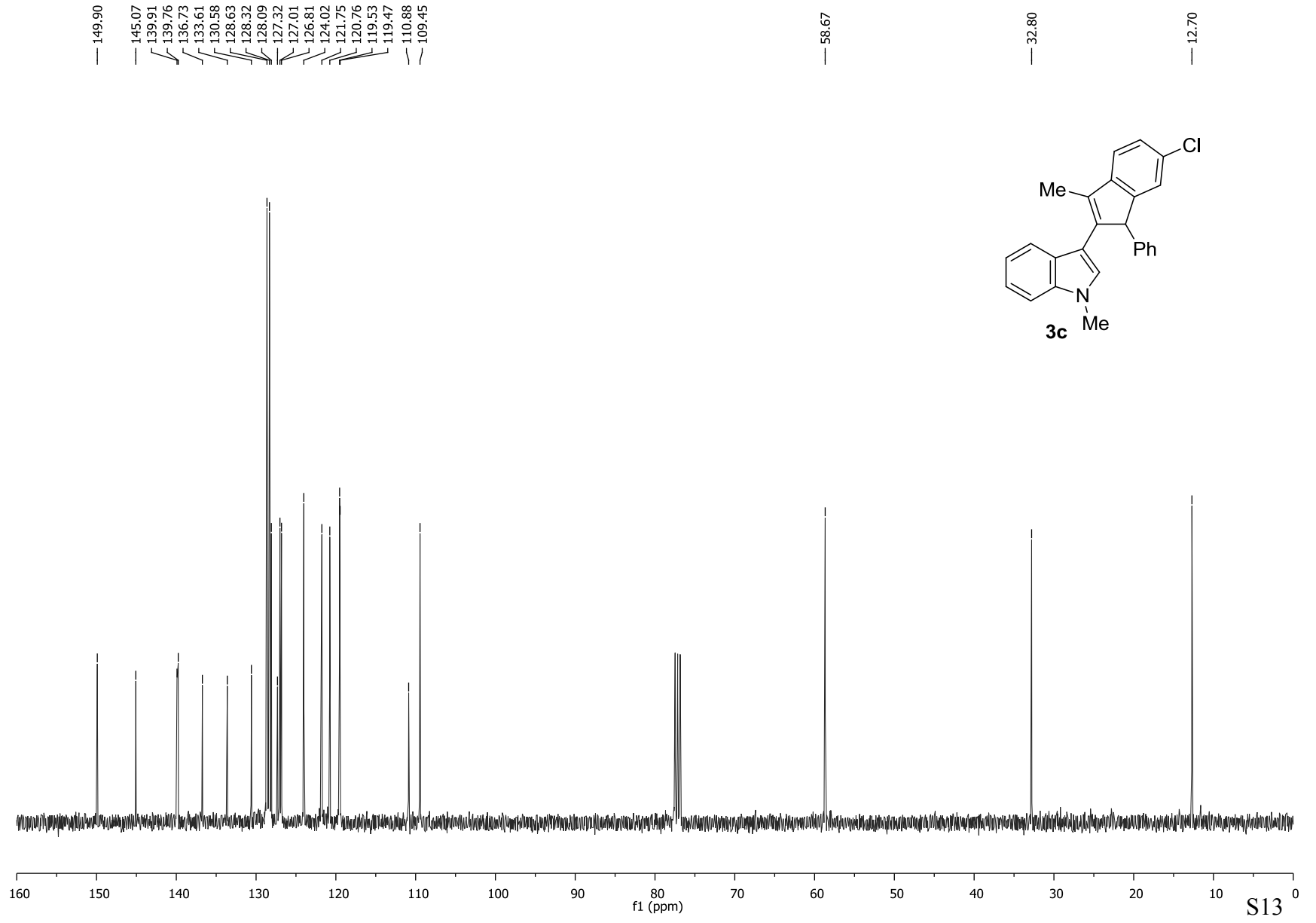


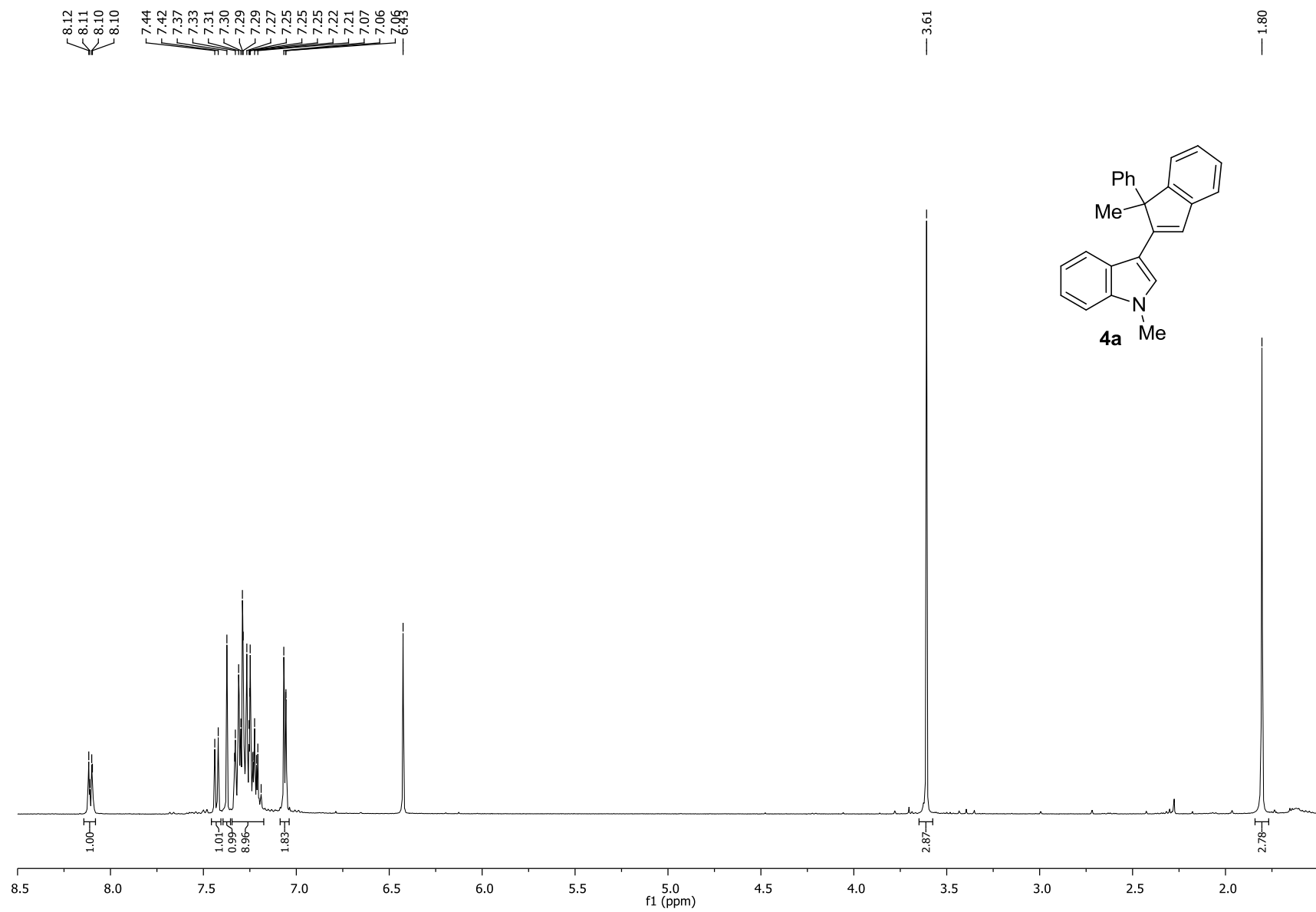


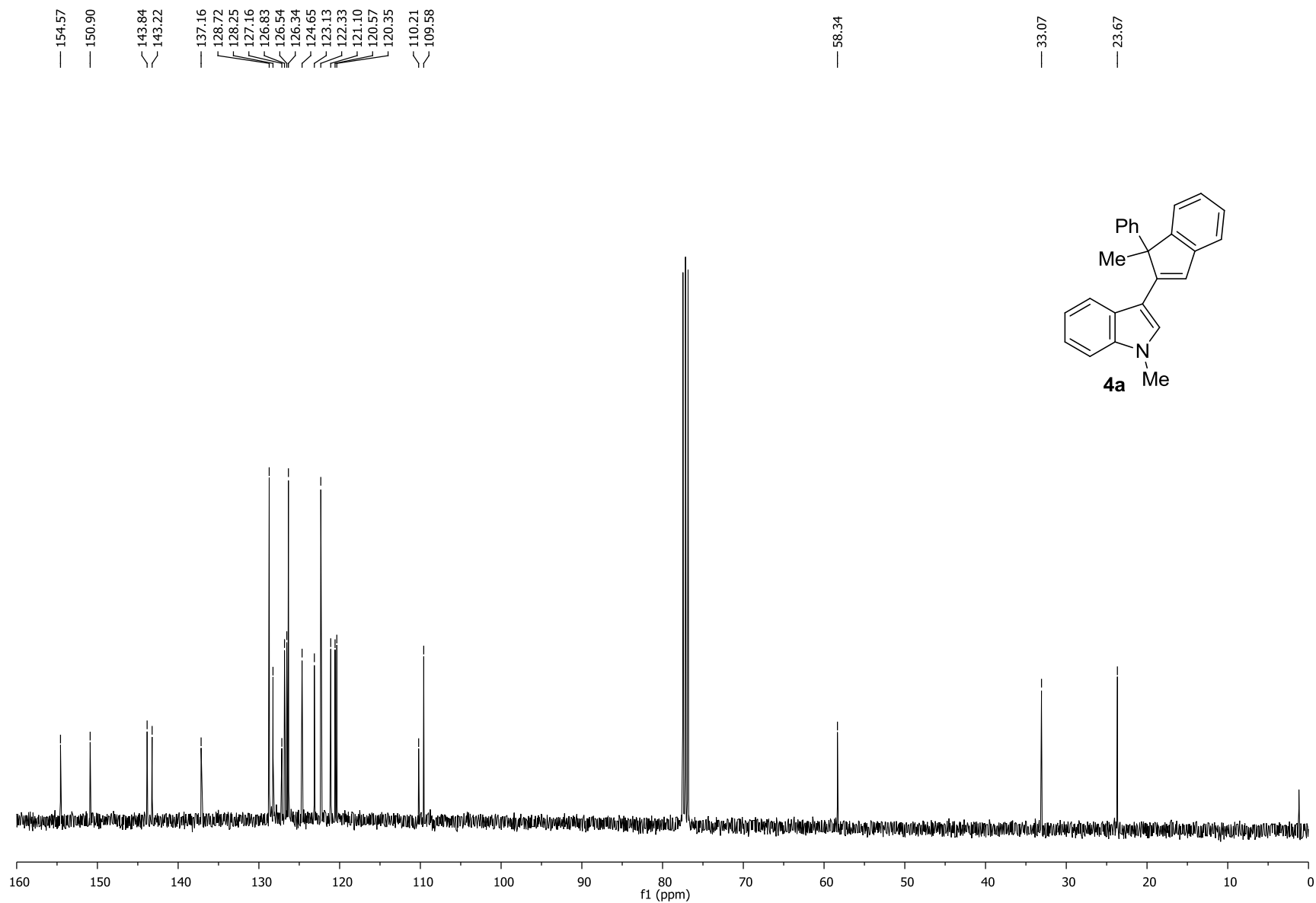


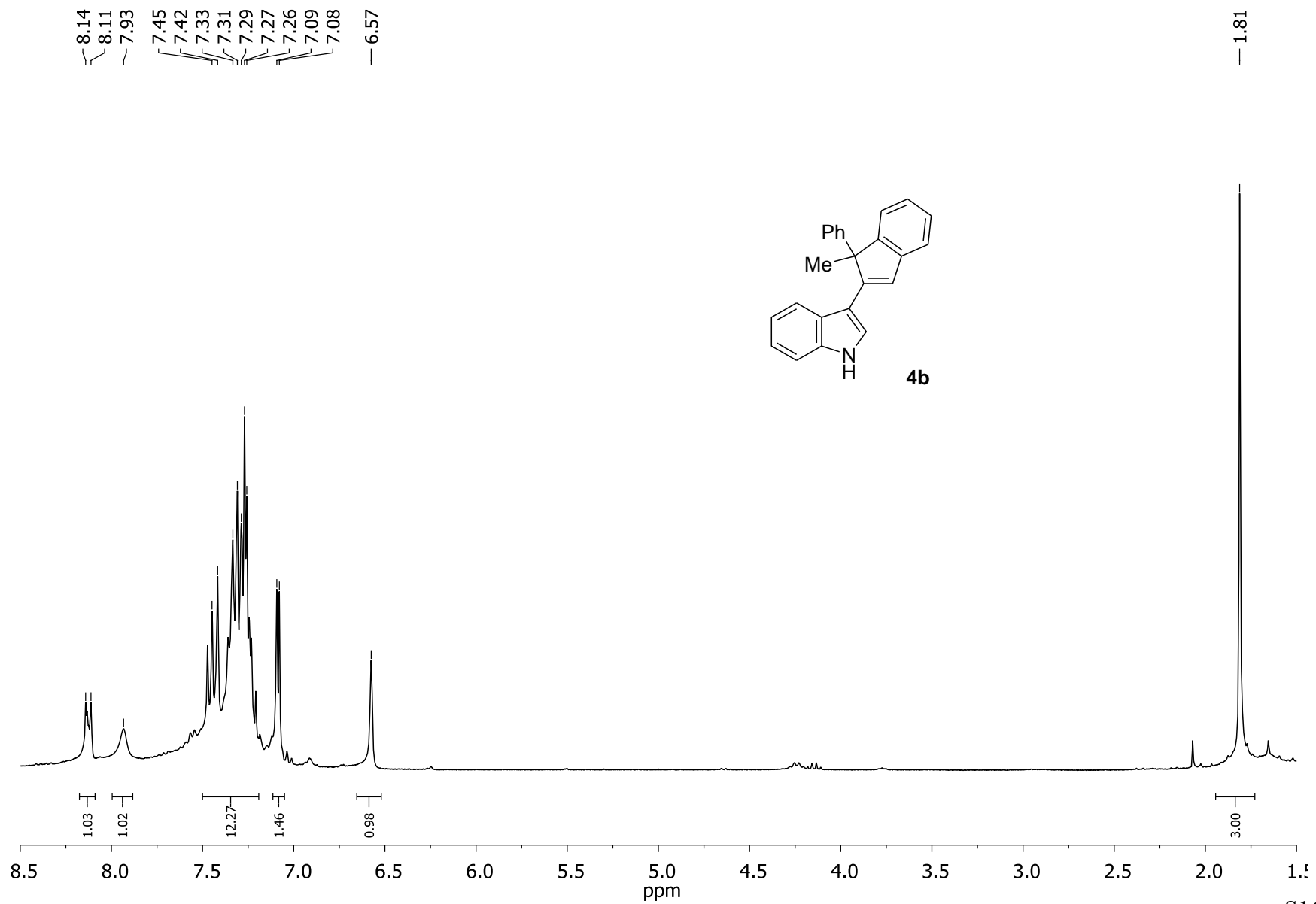




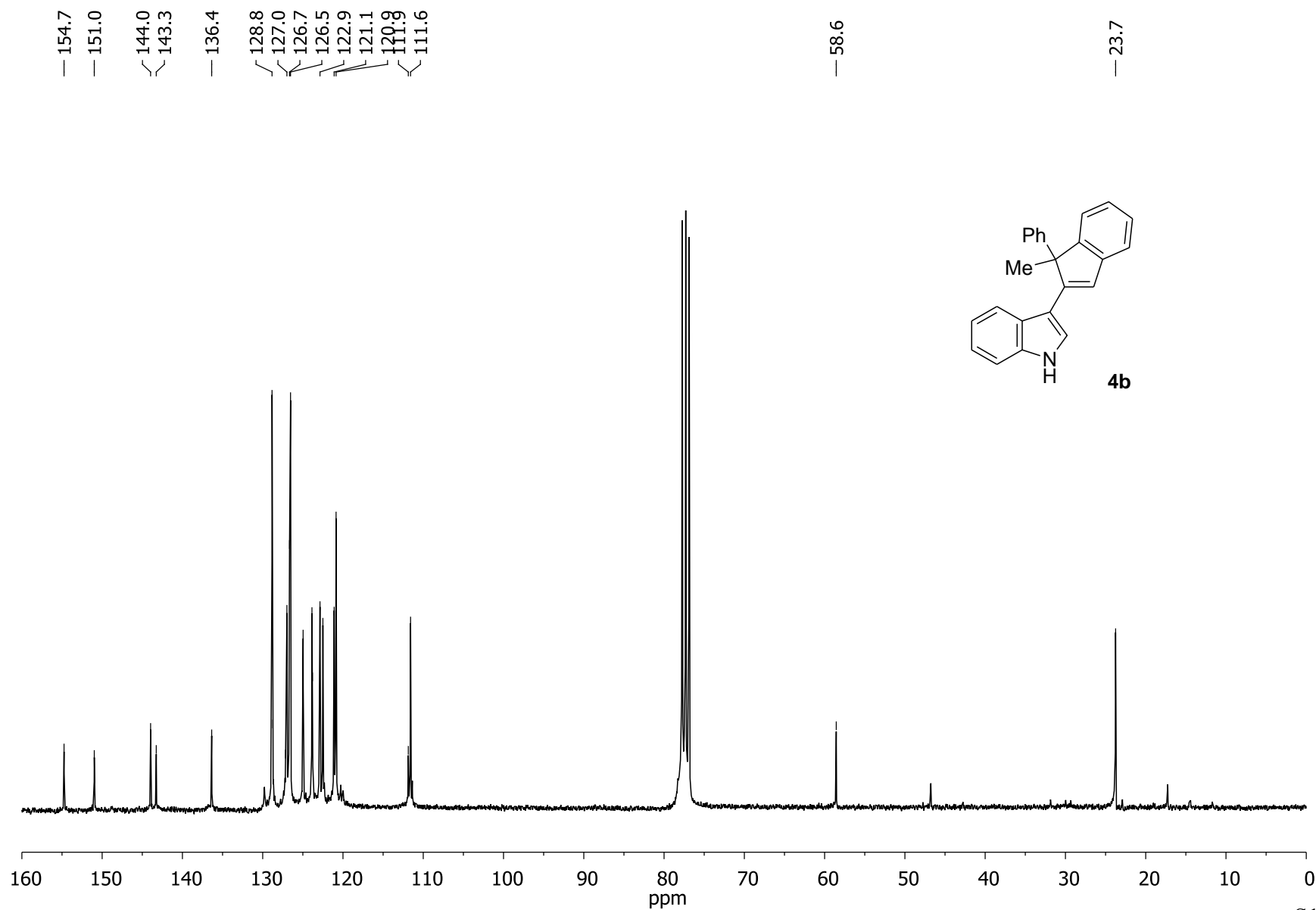


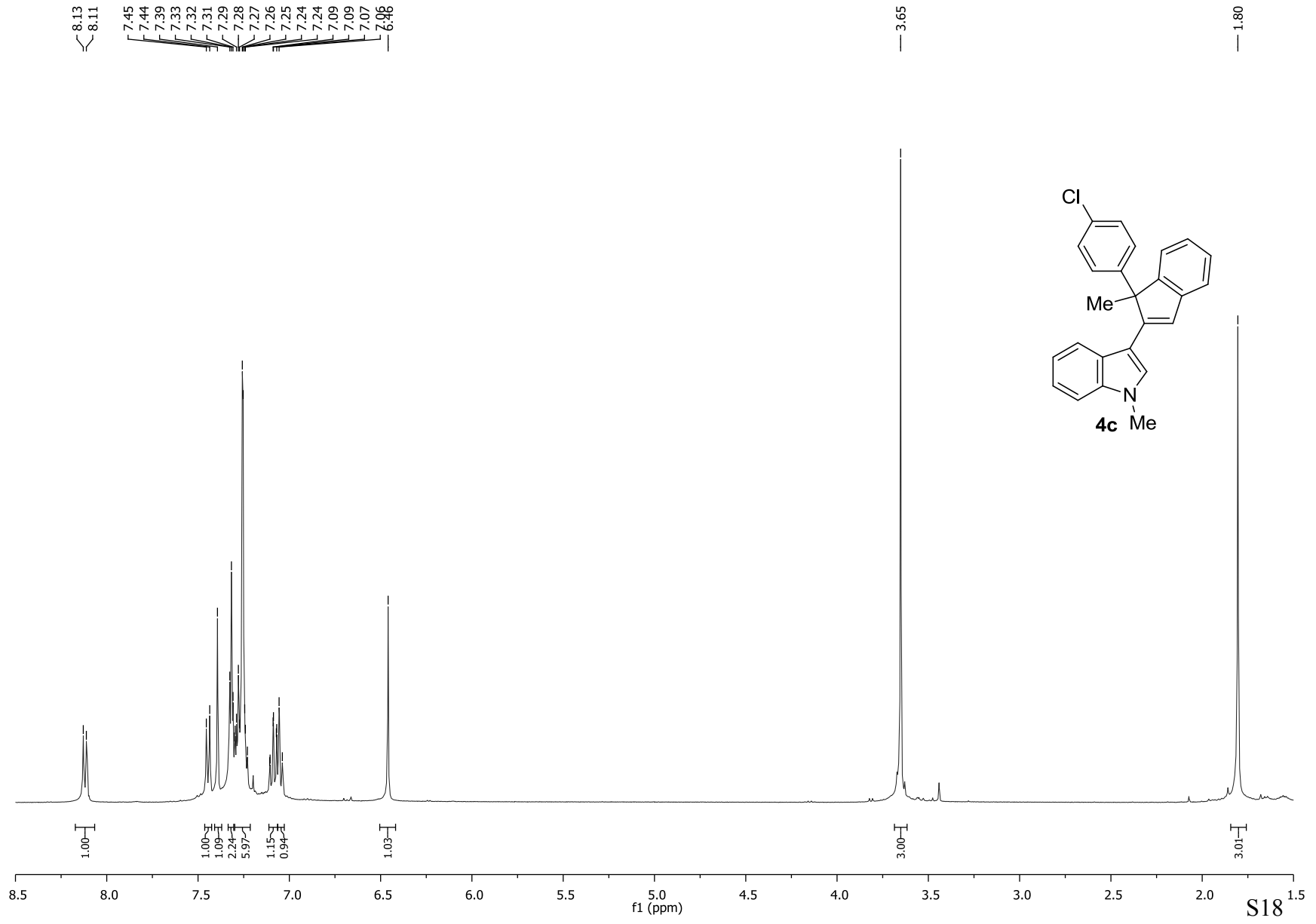


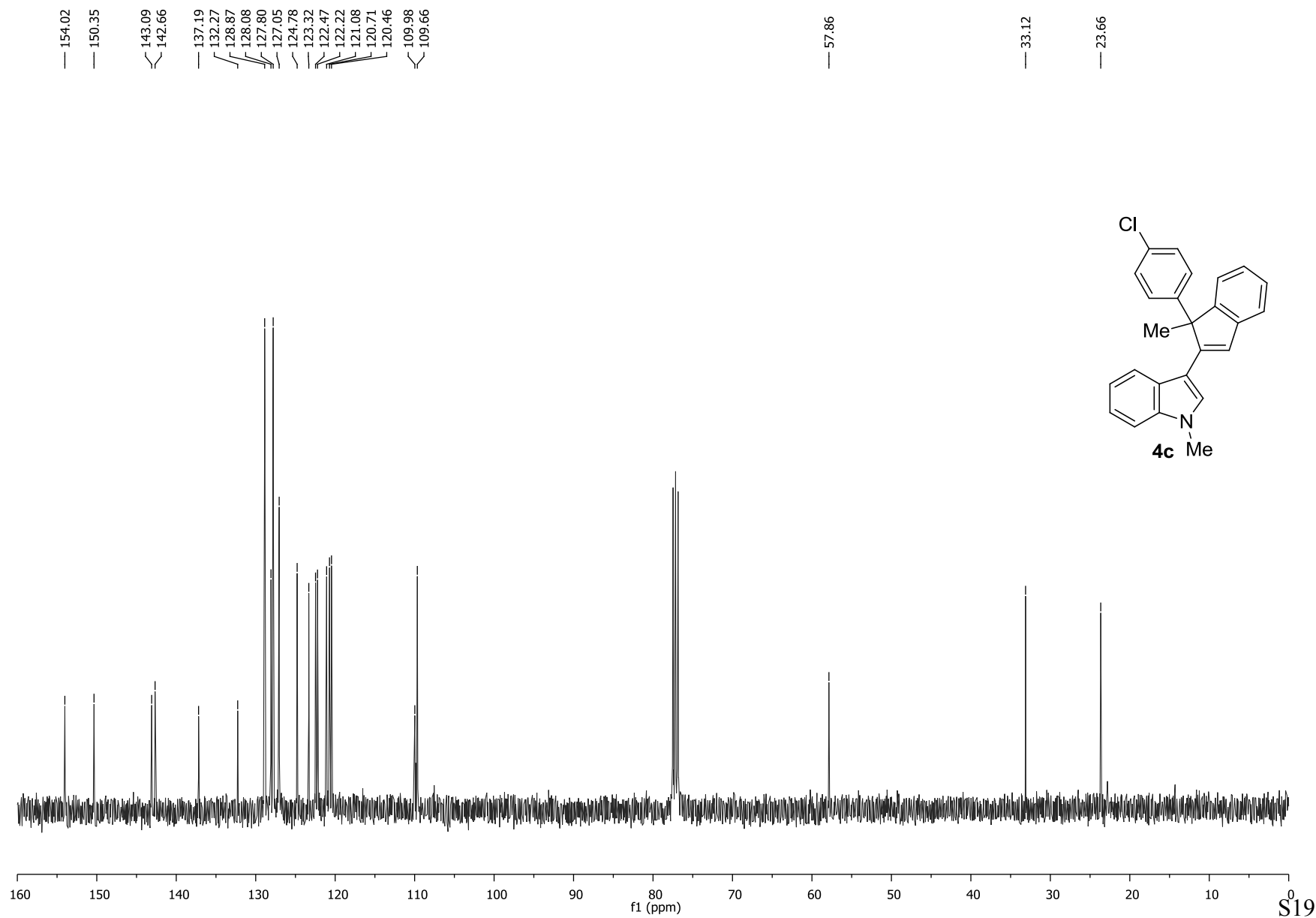


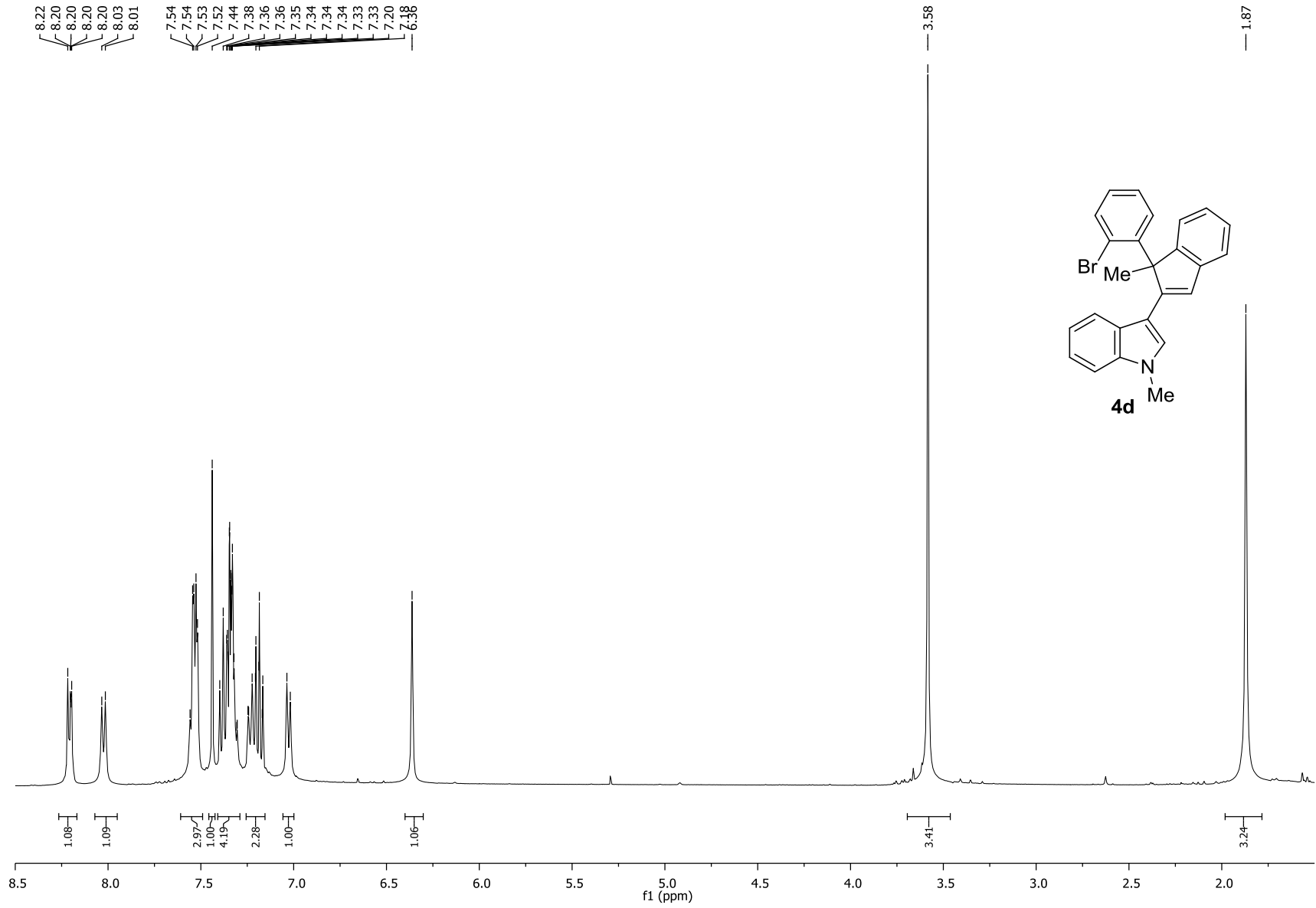


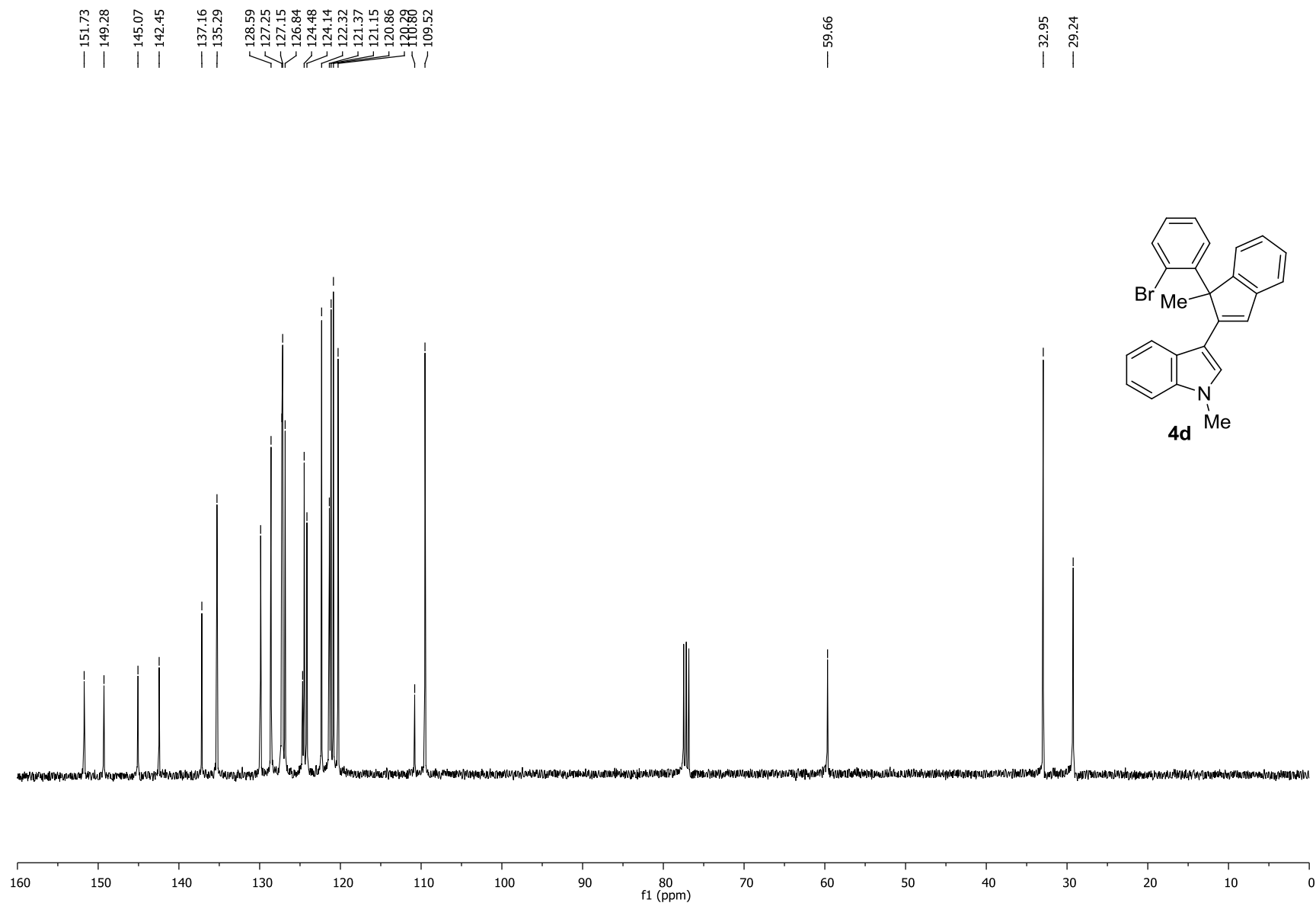


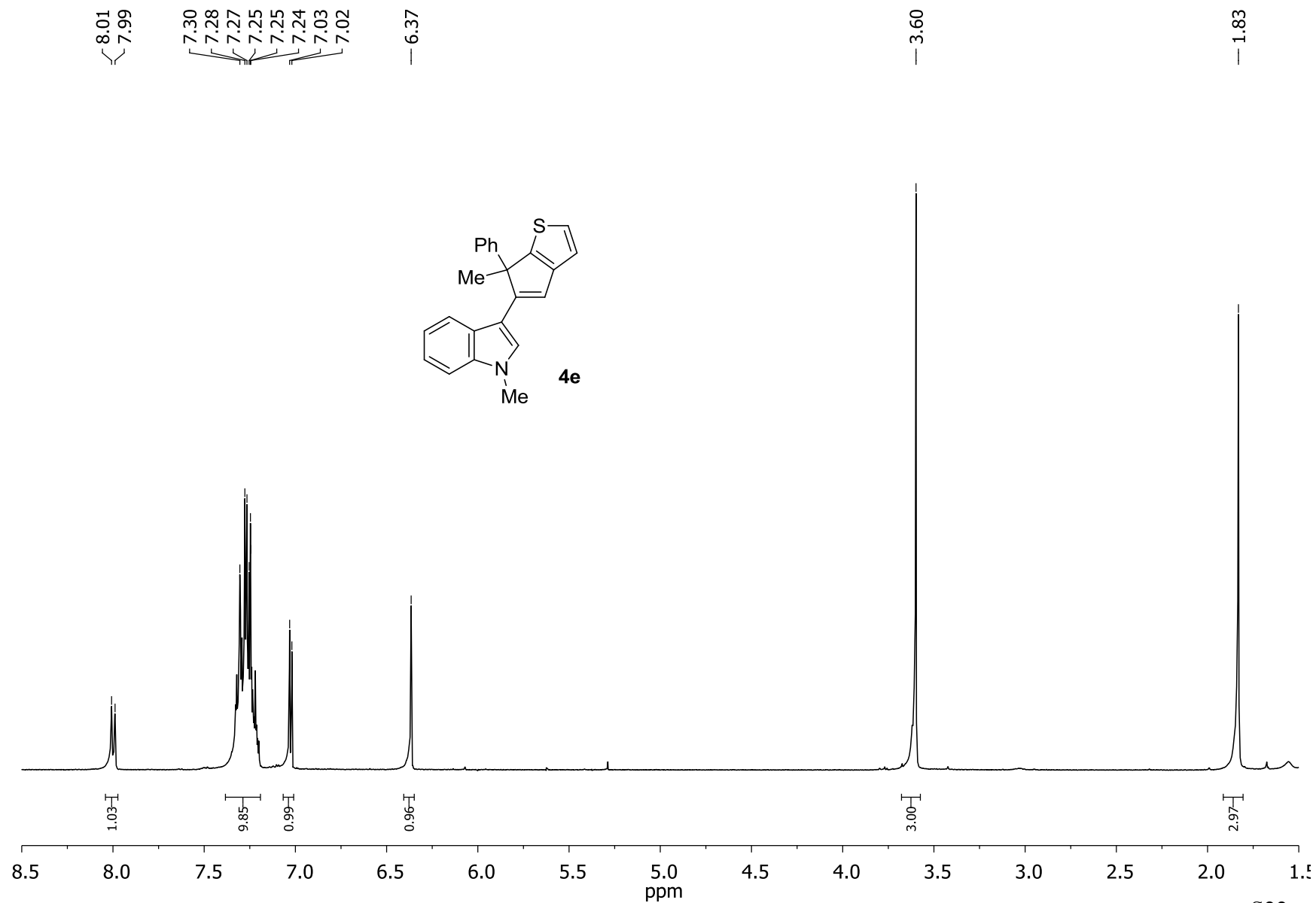


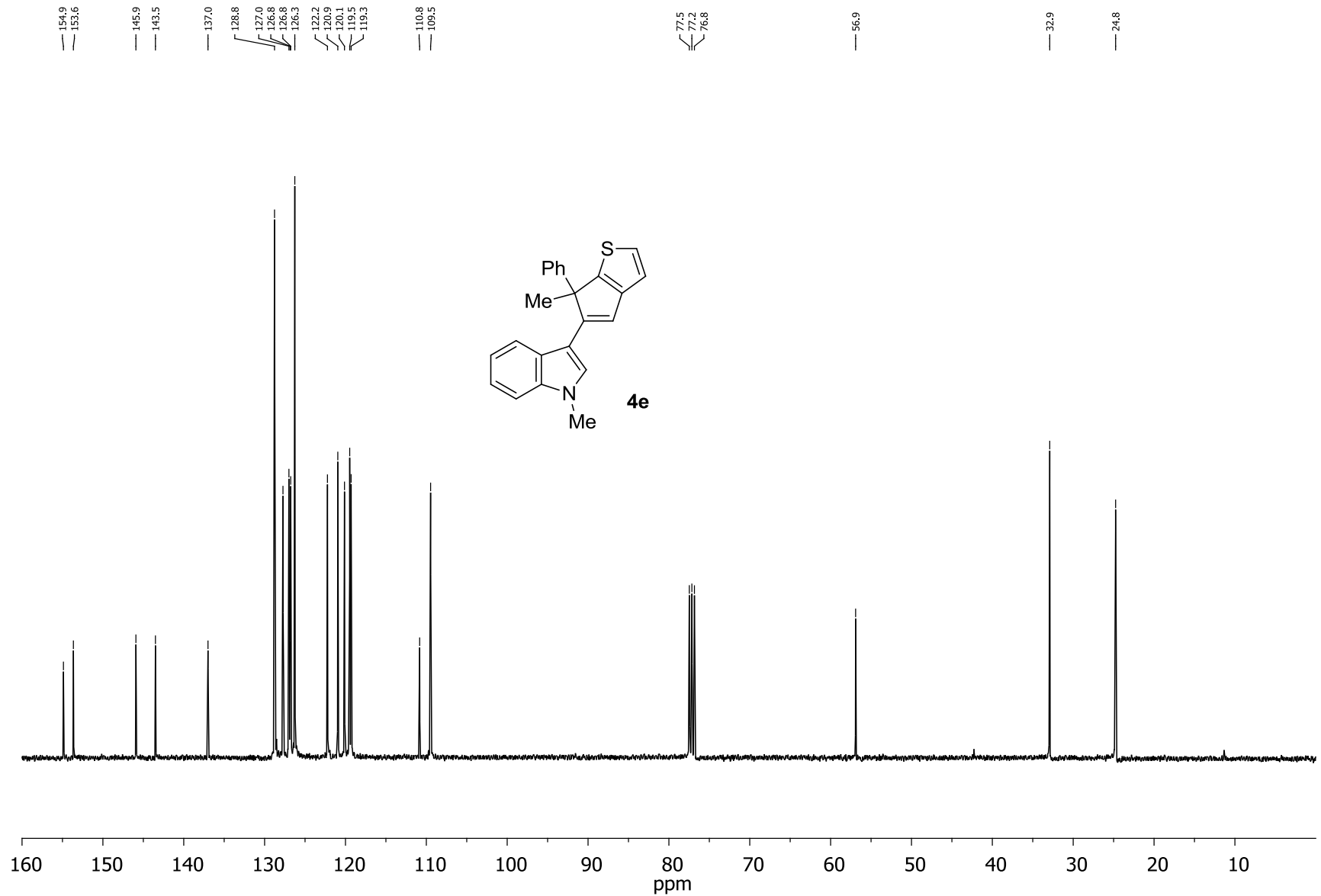


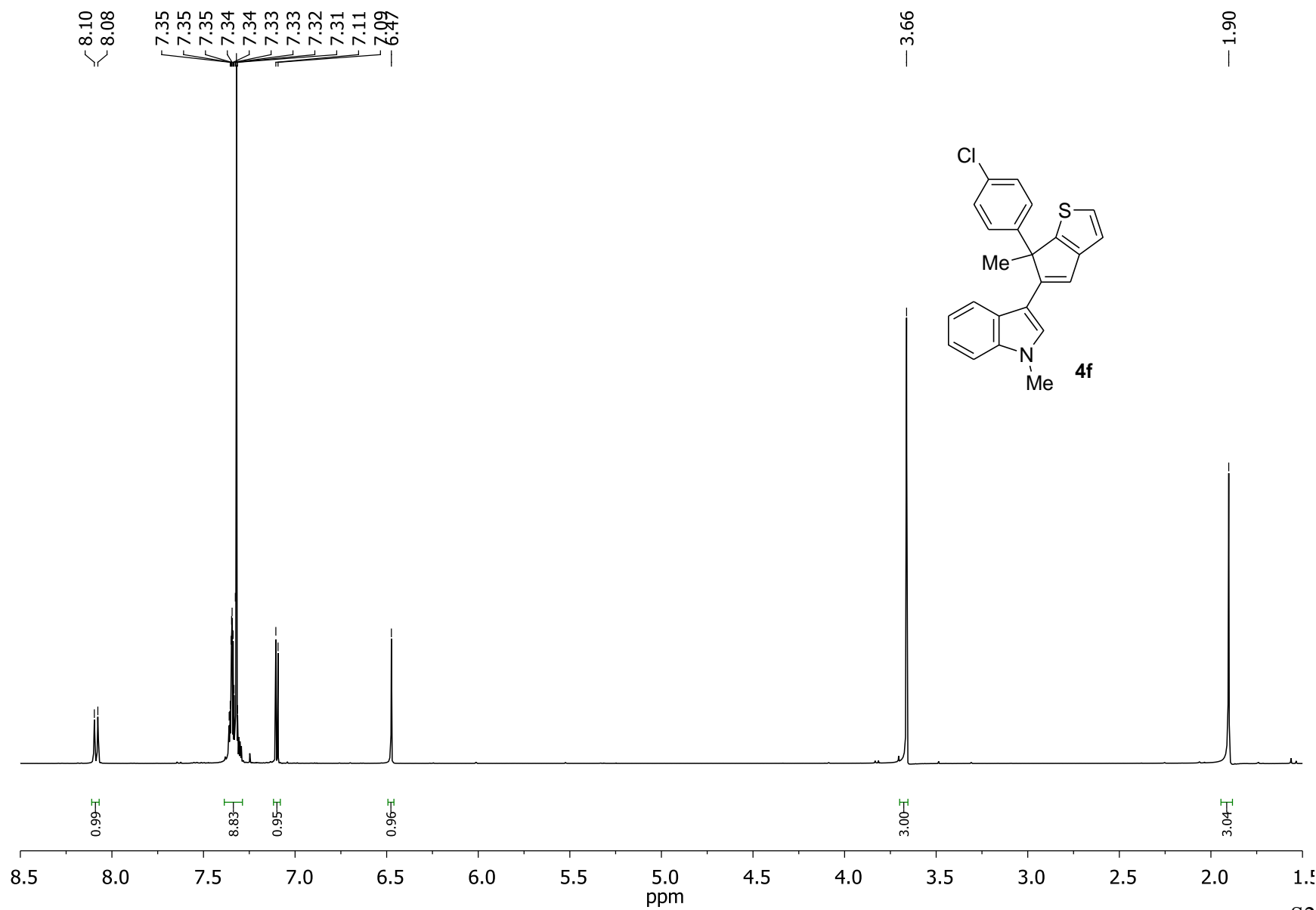




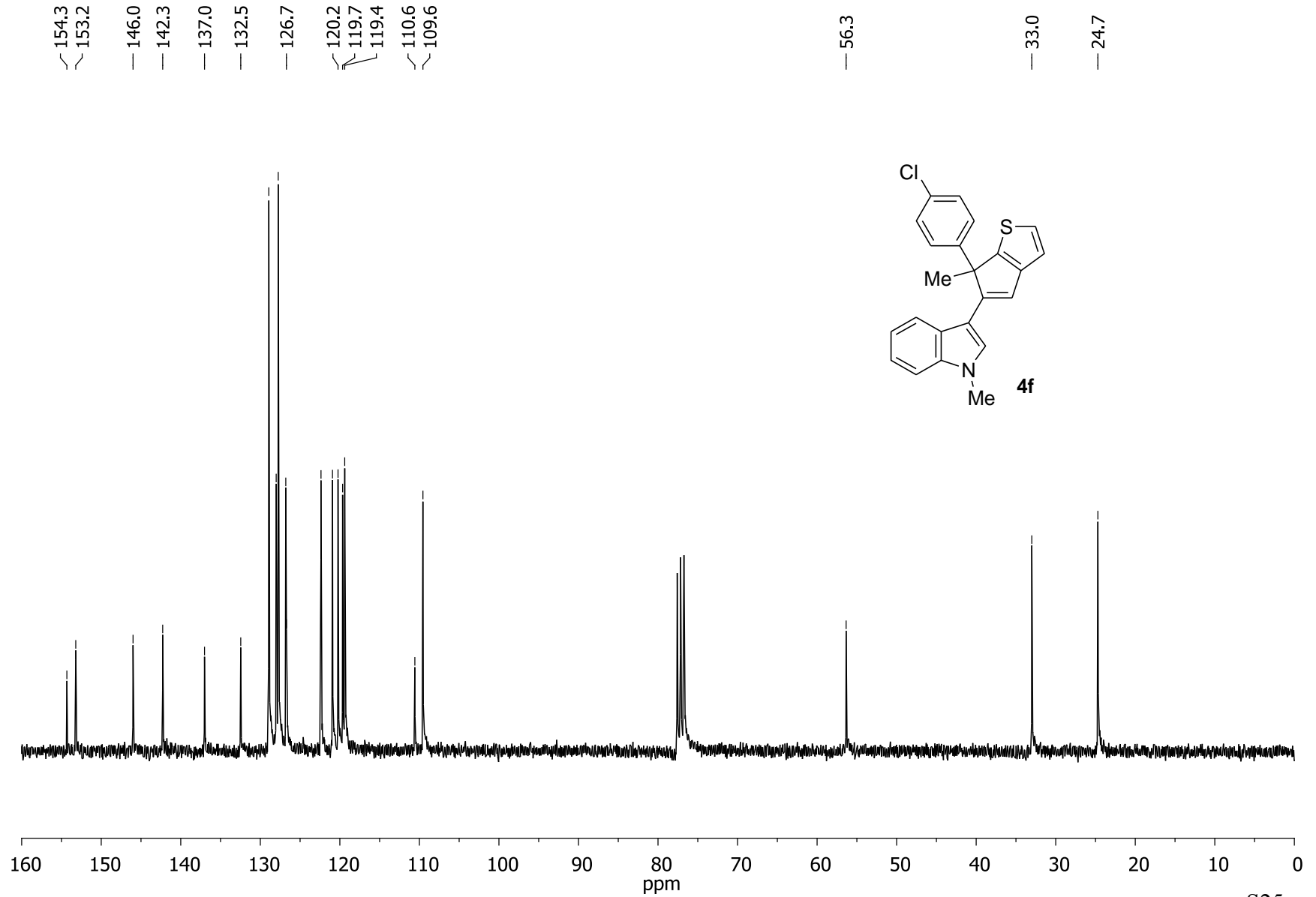


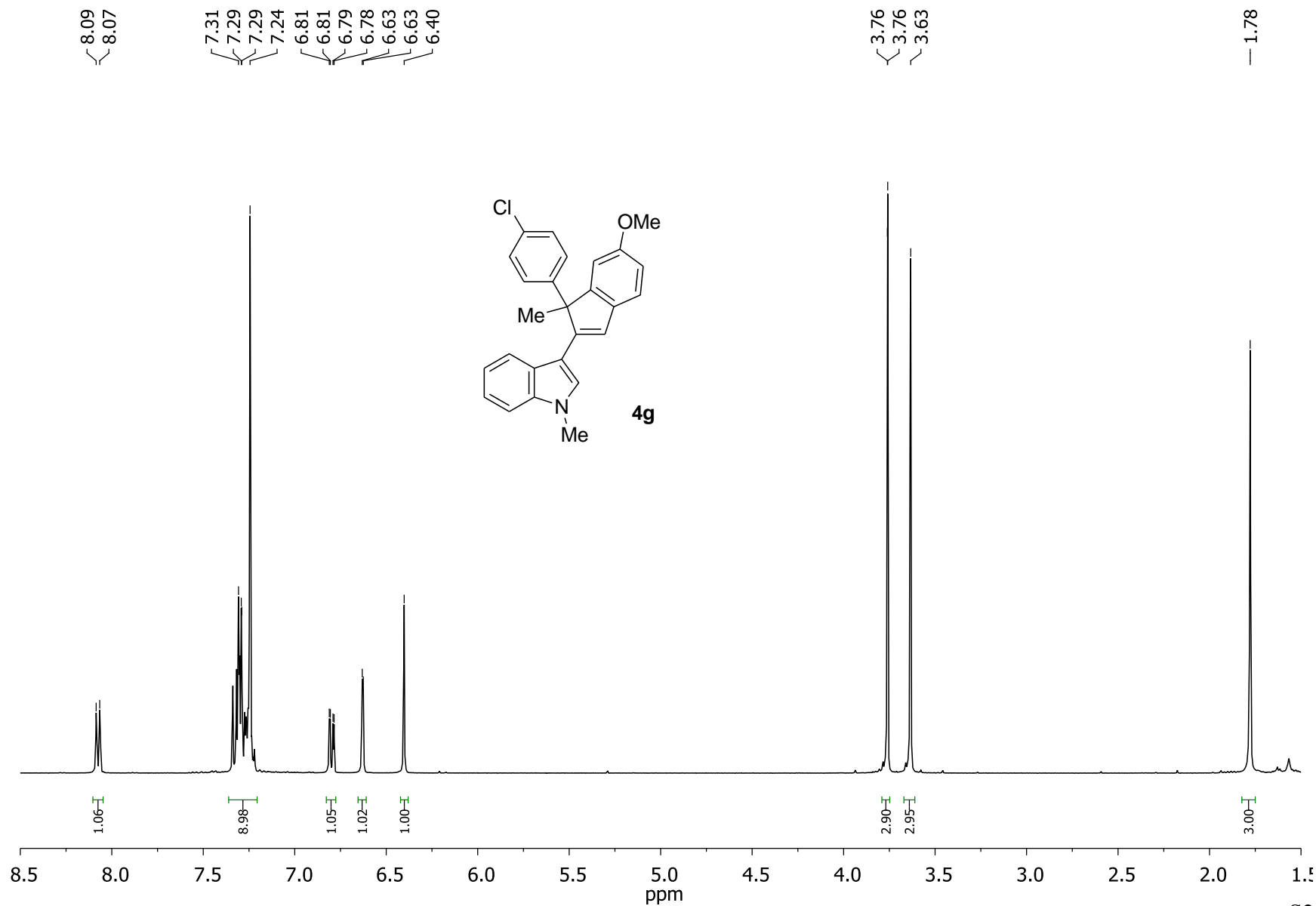


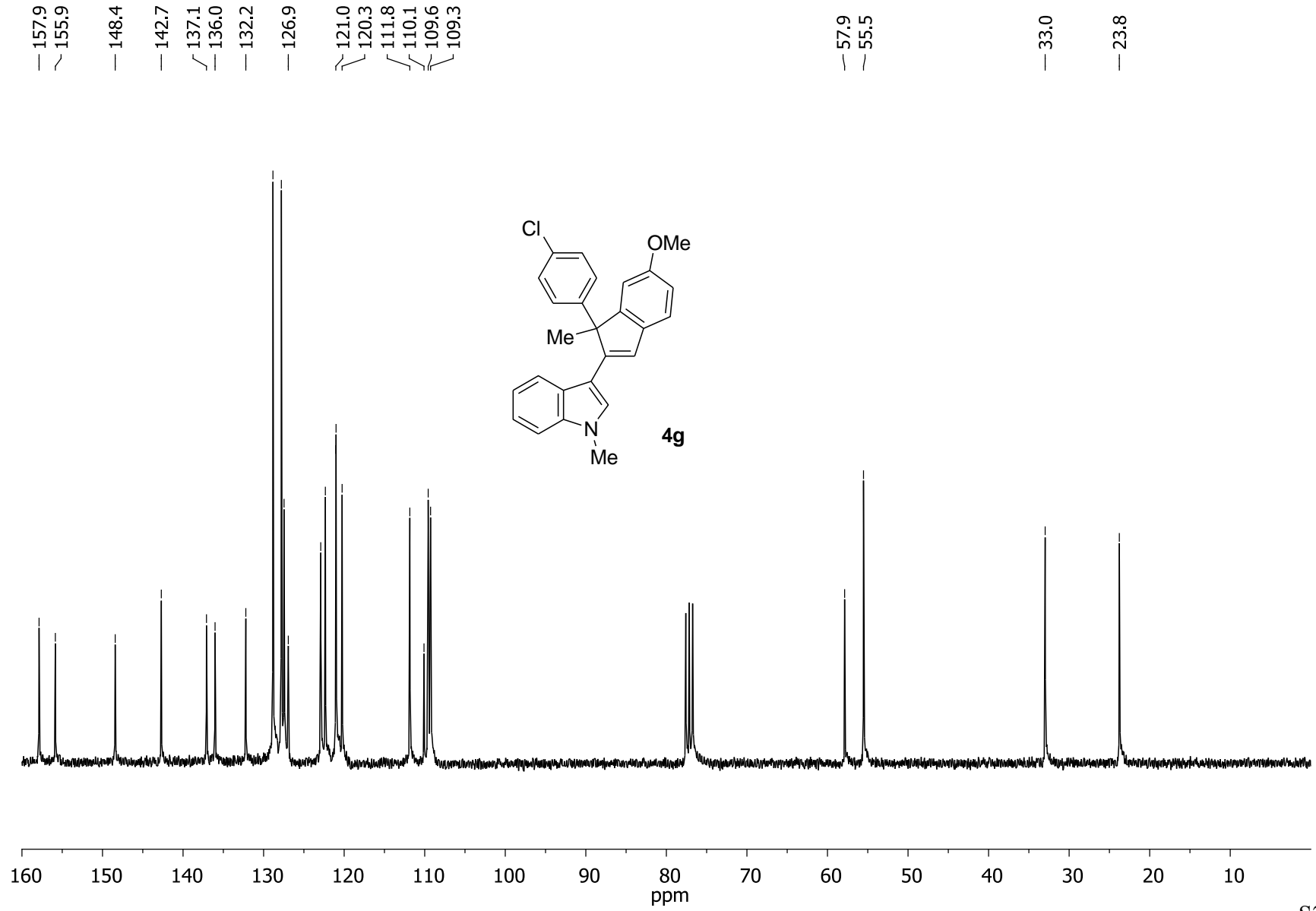


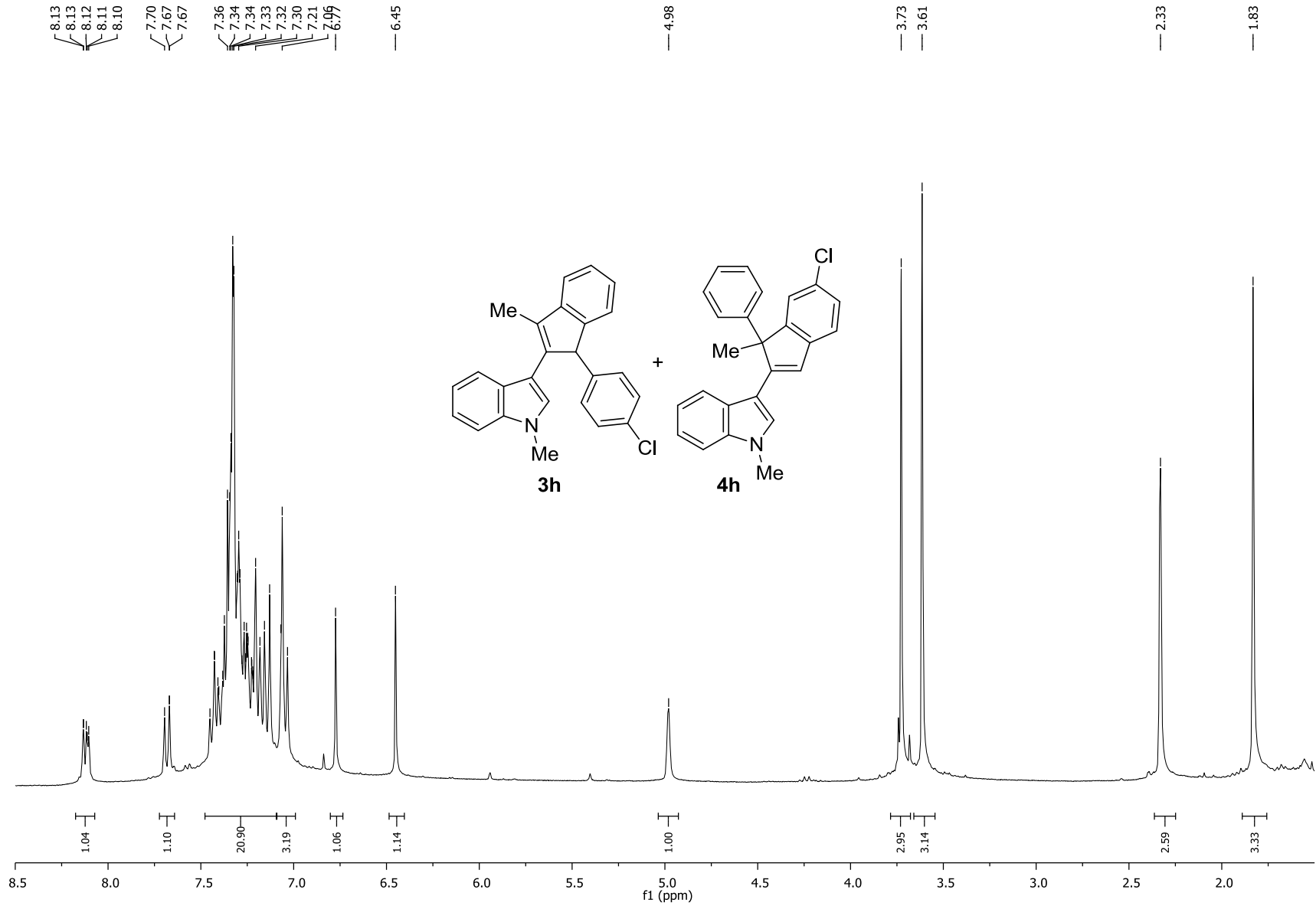


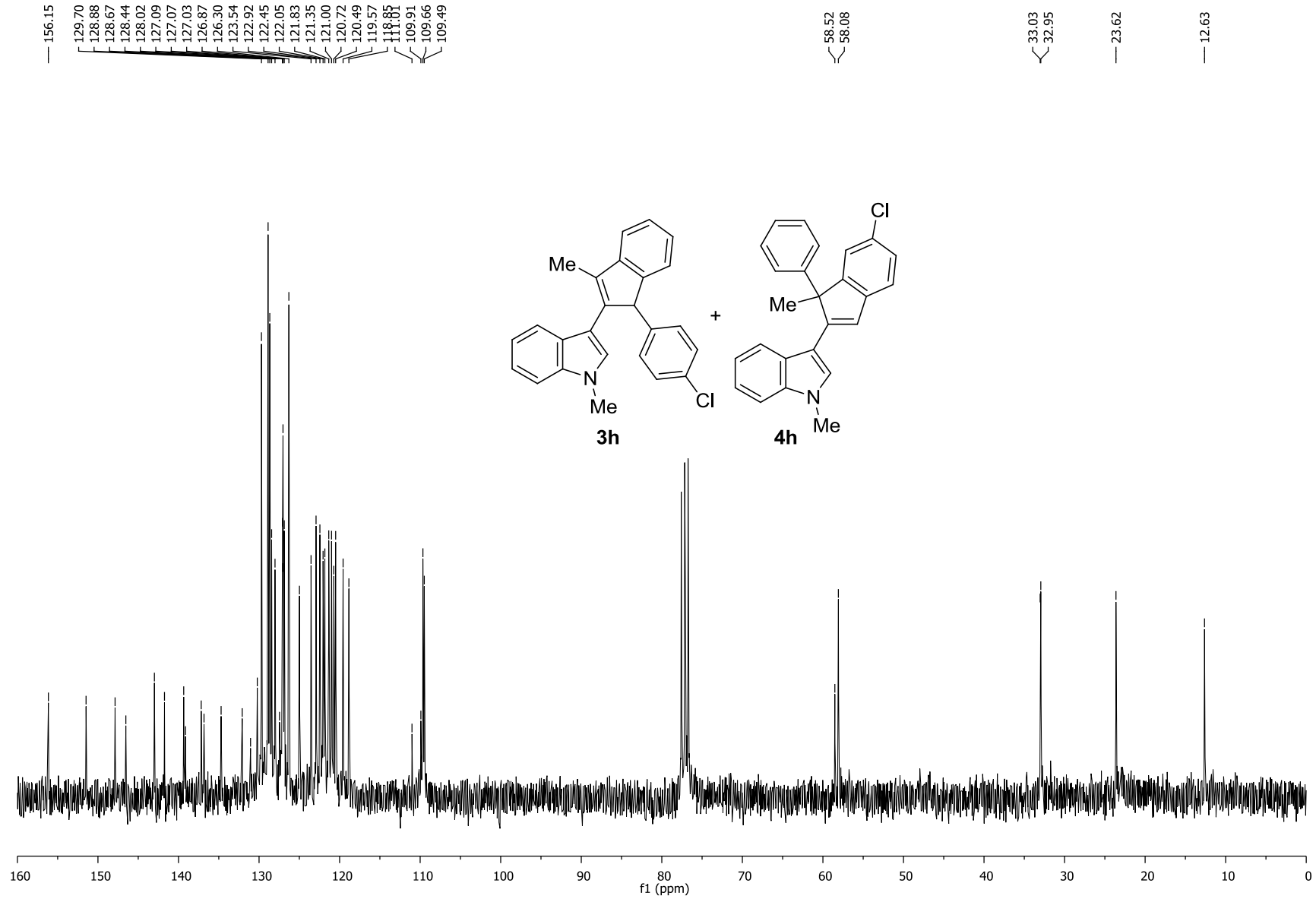


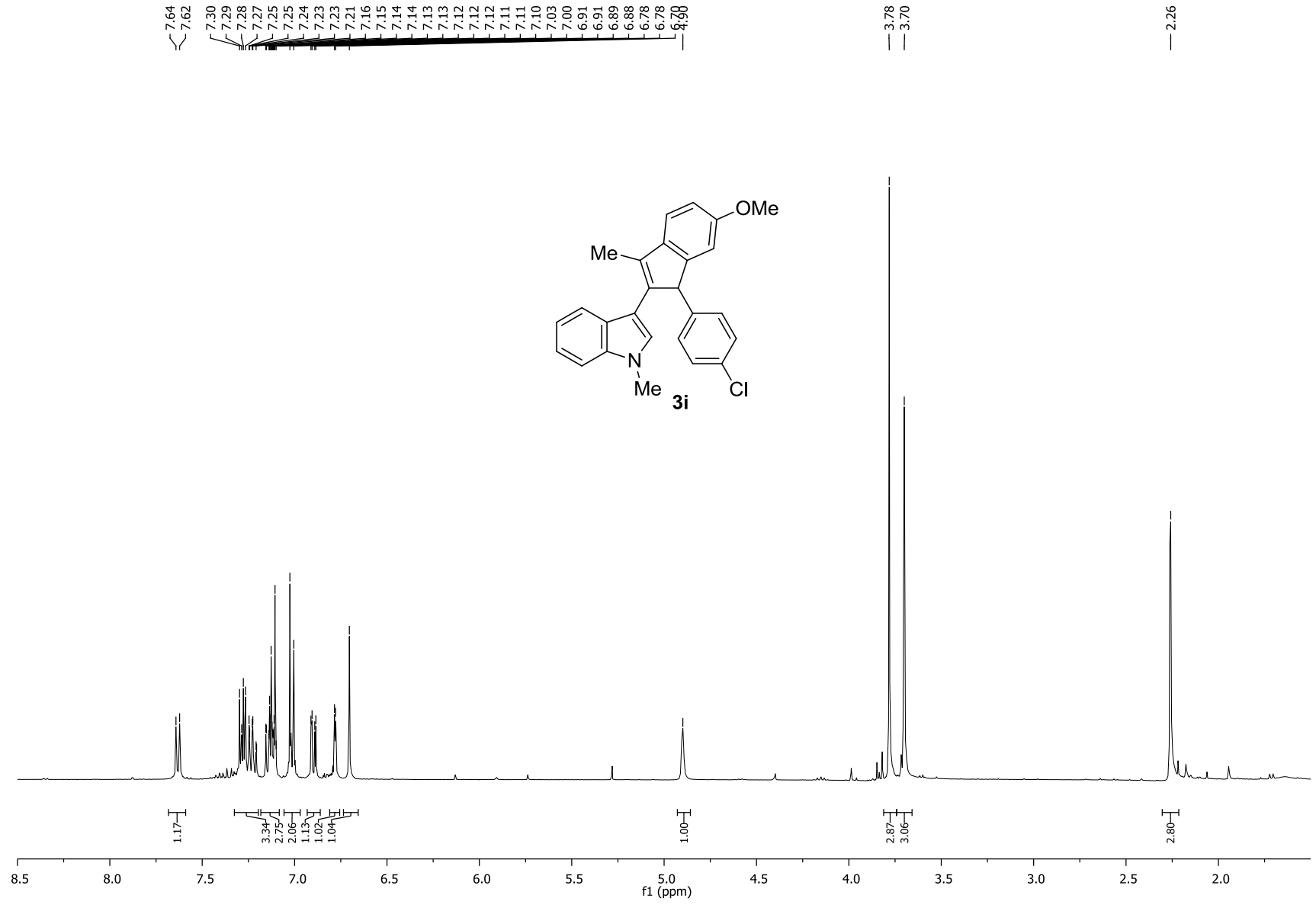


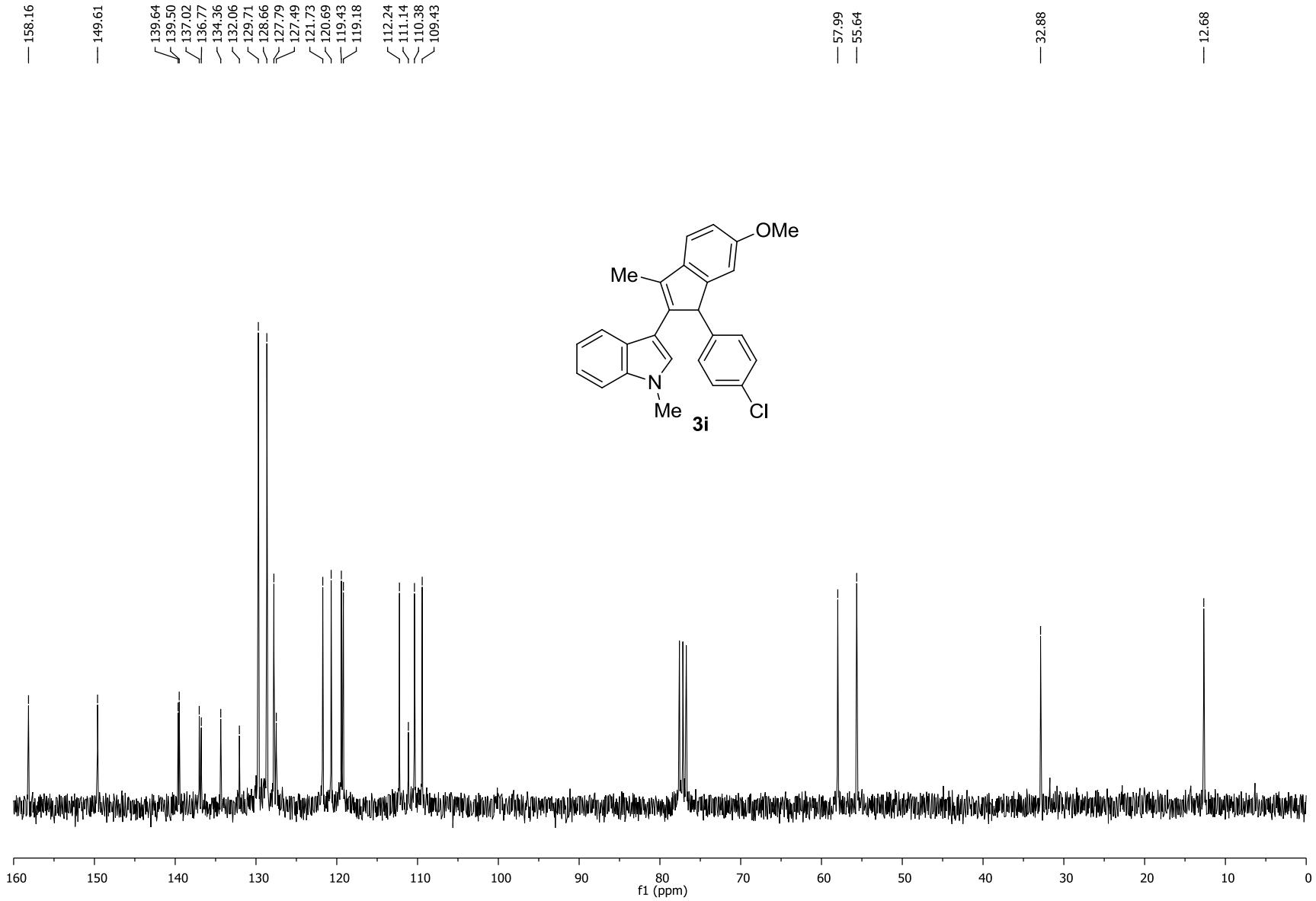


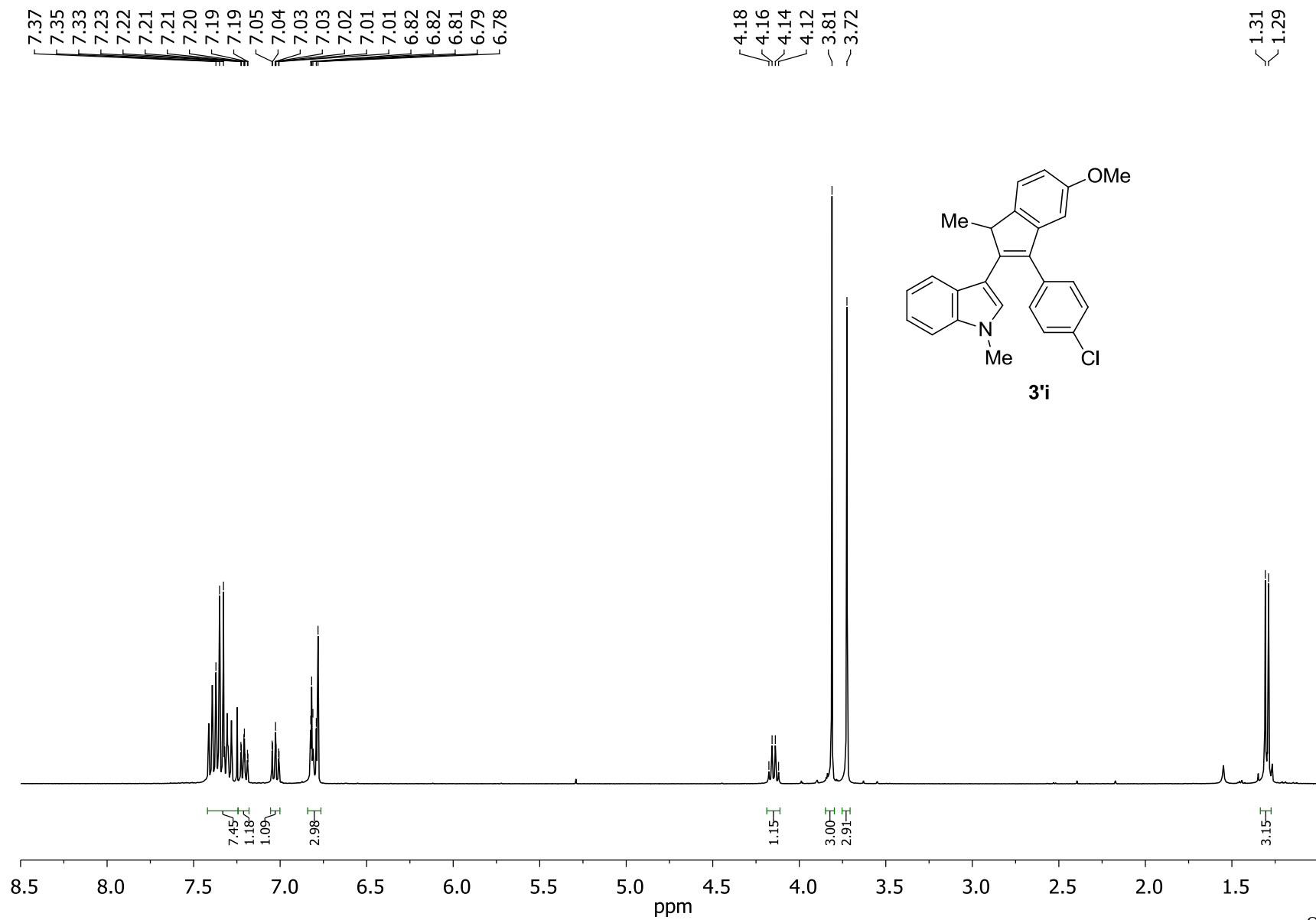














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123.3  
121.9  
120.9  
119.9  
110.5  
110.1  
109.4  
105.3

— 55.7

— 46.0

— 33.1

— 17.5

