

## Supplementary Material

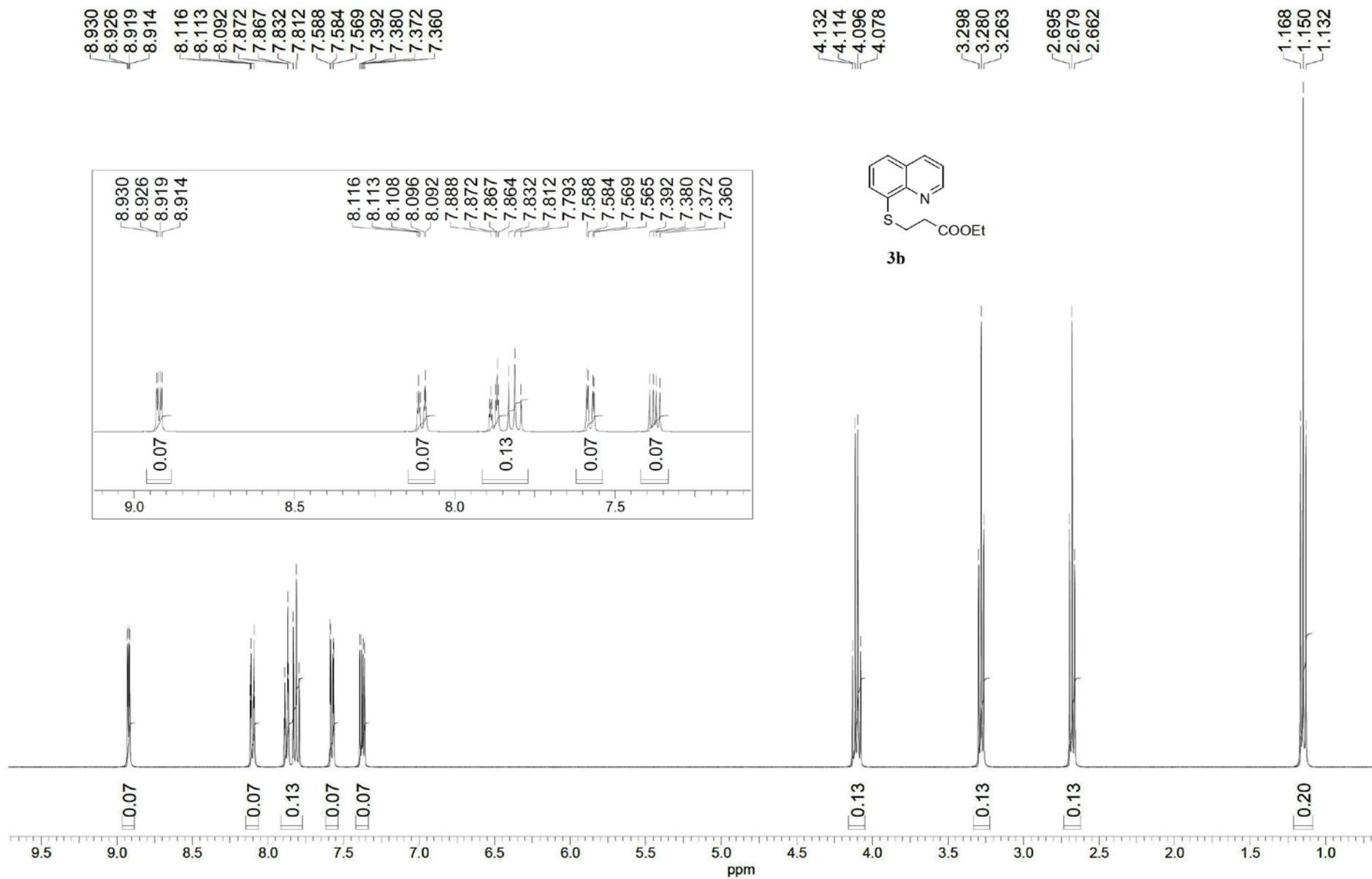
### Friedel-Crafts chemistry. Part 50. Convergent and diversity-oriented constructions of polycyclic quinolines via Friedel-Crafts and Beckmann ring enlargement approaches

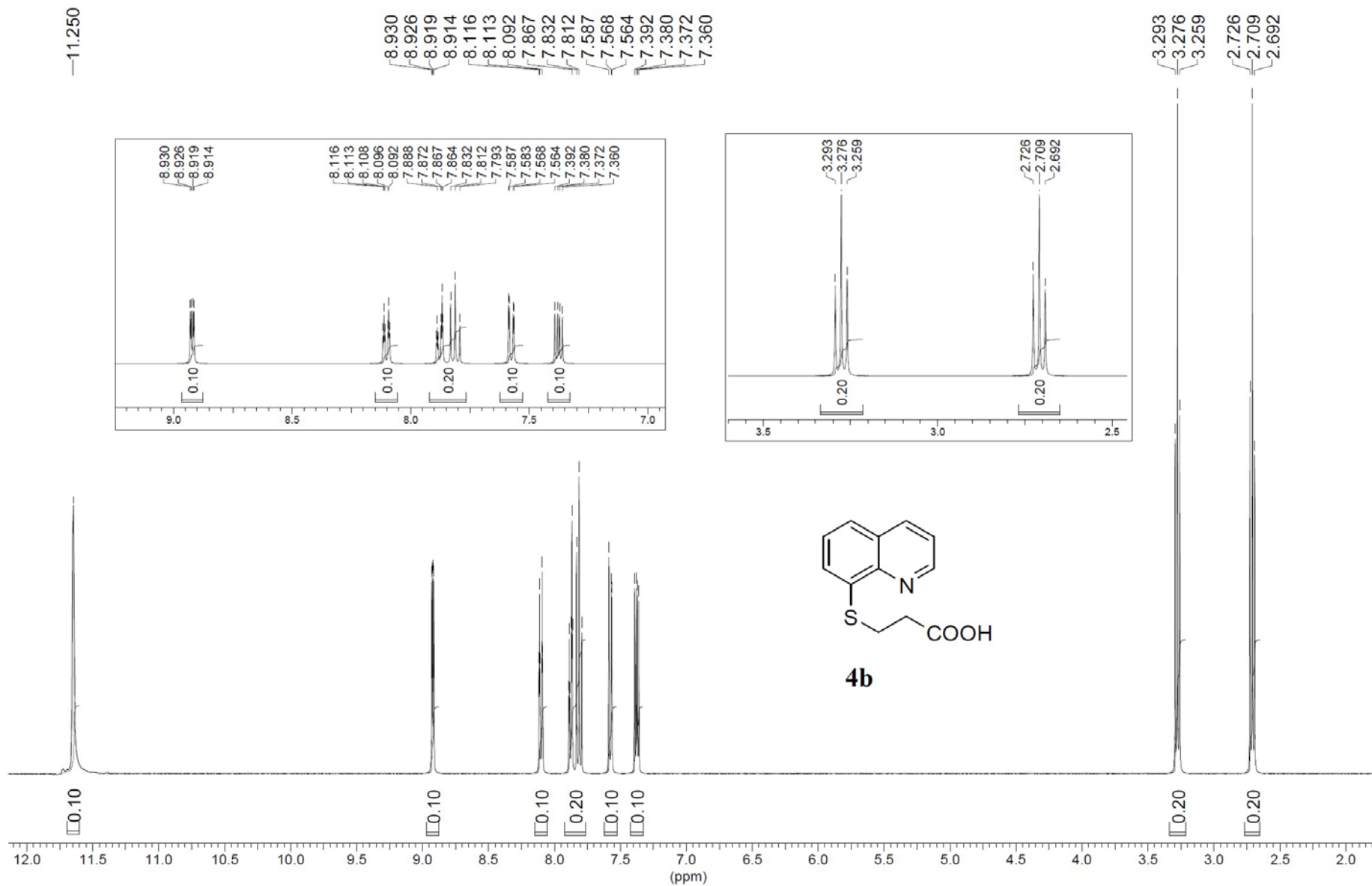
Hassan A. K. Abd El-Aal

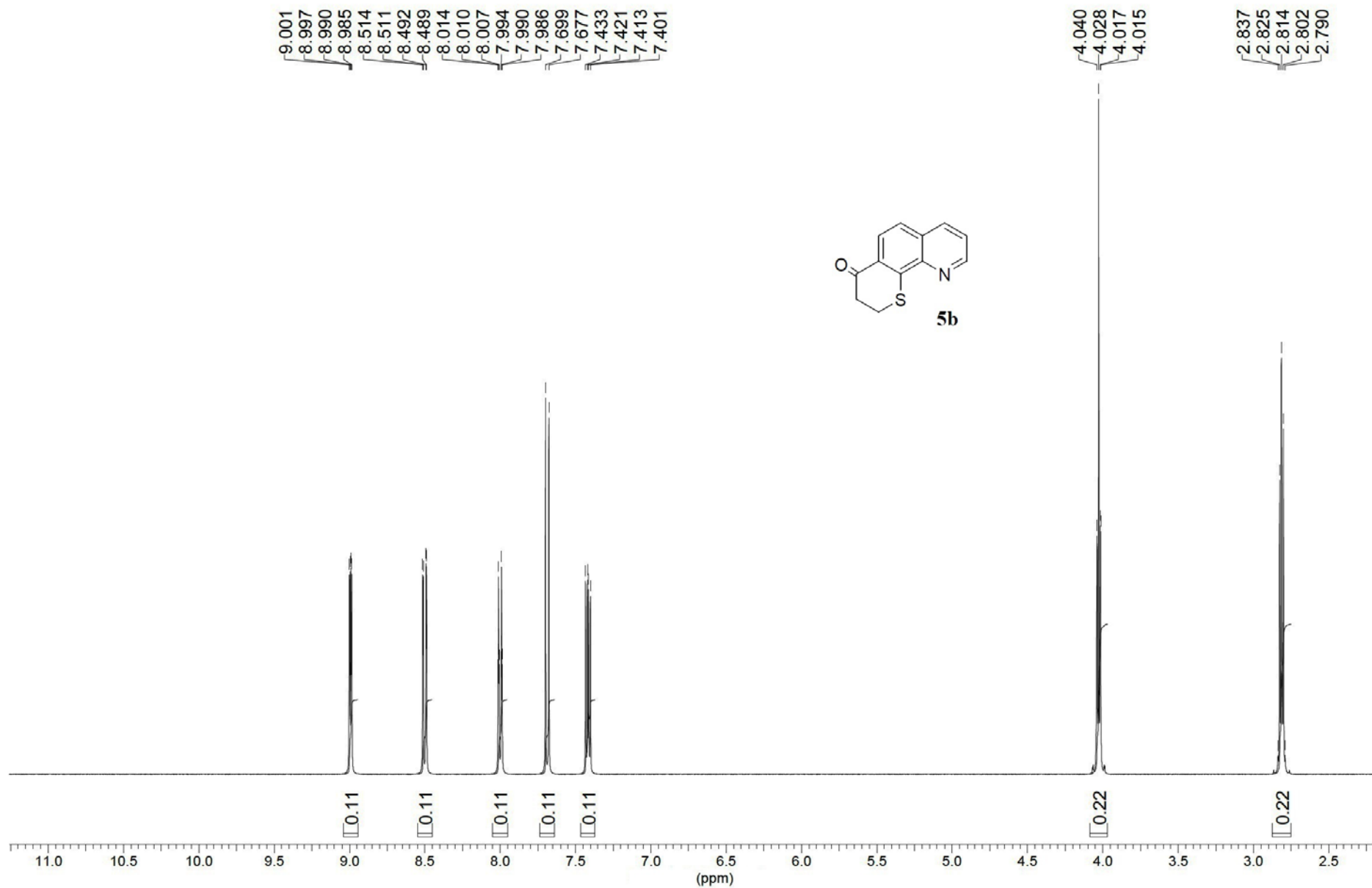
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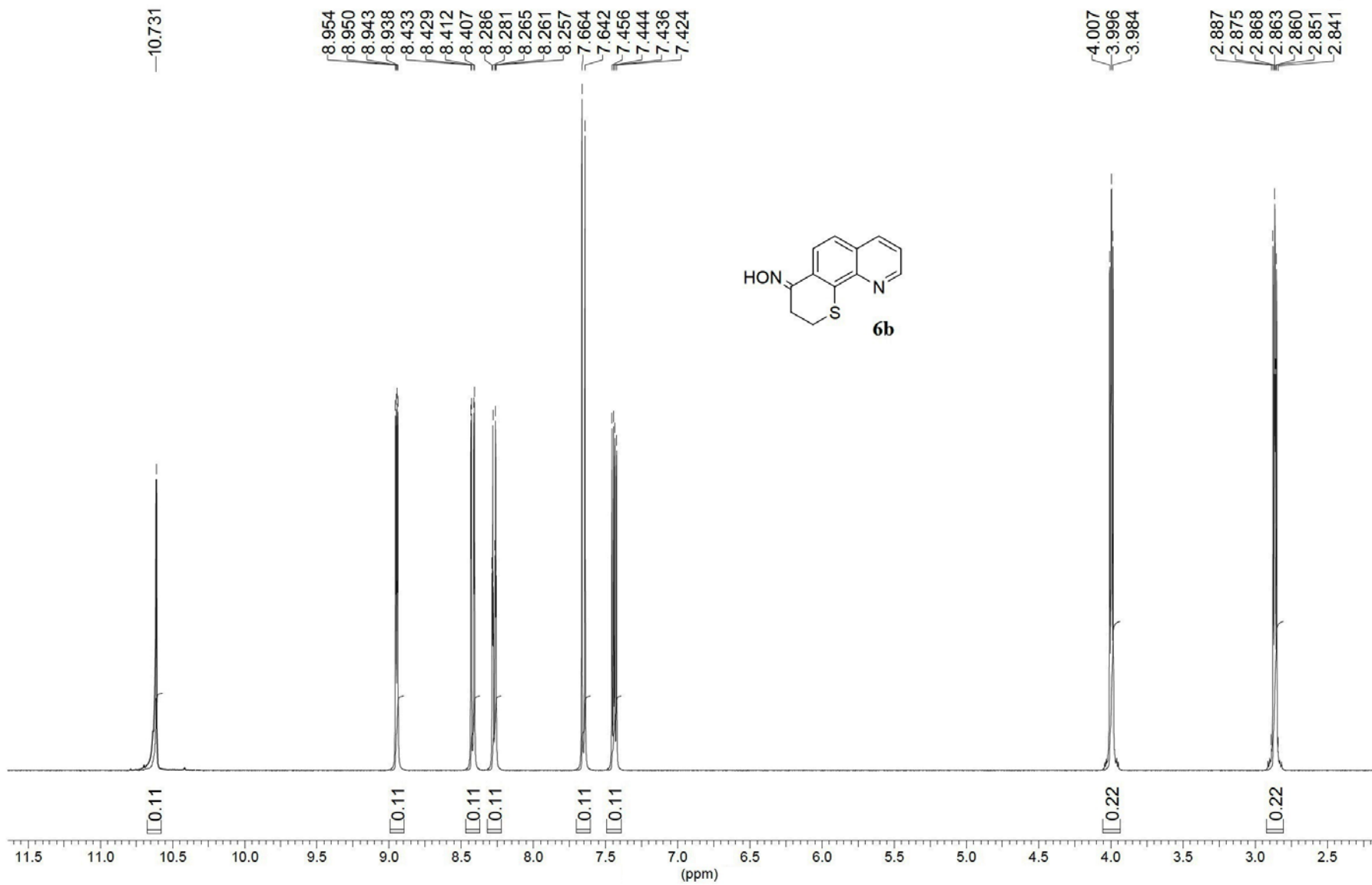
#### Table of Contents

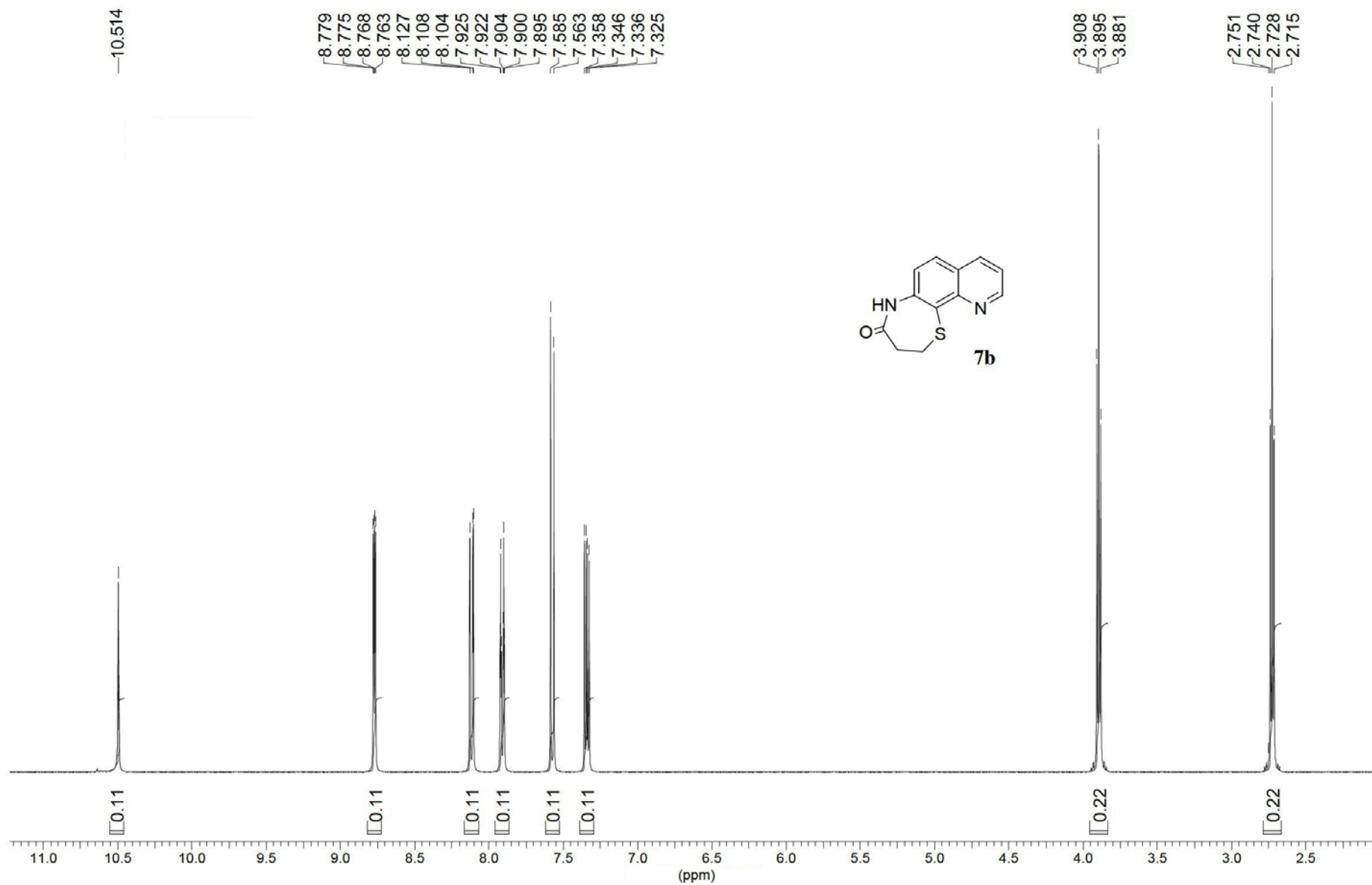
<b><sup>1</sup>H NMR Spectra copies of compounds 3-9b .....</b>	<b>2S-8S</b>
<b><sup>1</sup>H NMR Spectra copies of compounds 10a-i .....</b>	<b>9S-17S</b>
<b><sup>1</sup>H NMR and <sup>13</sup>C NMR Spectra copies of compounds 11a-i .....</b>	<b>18S-35S</b>

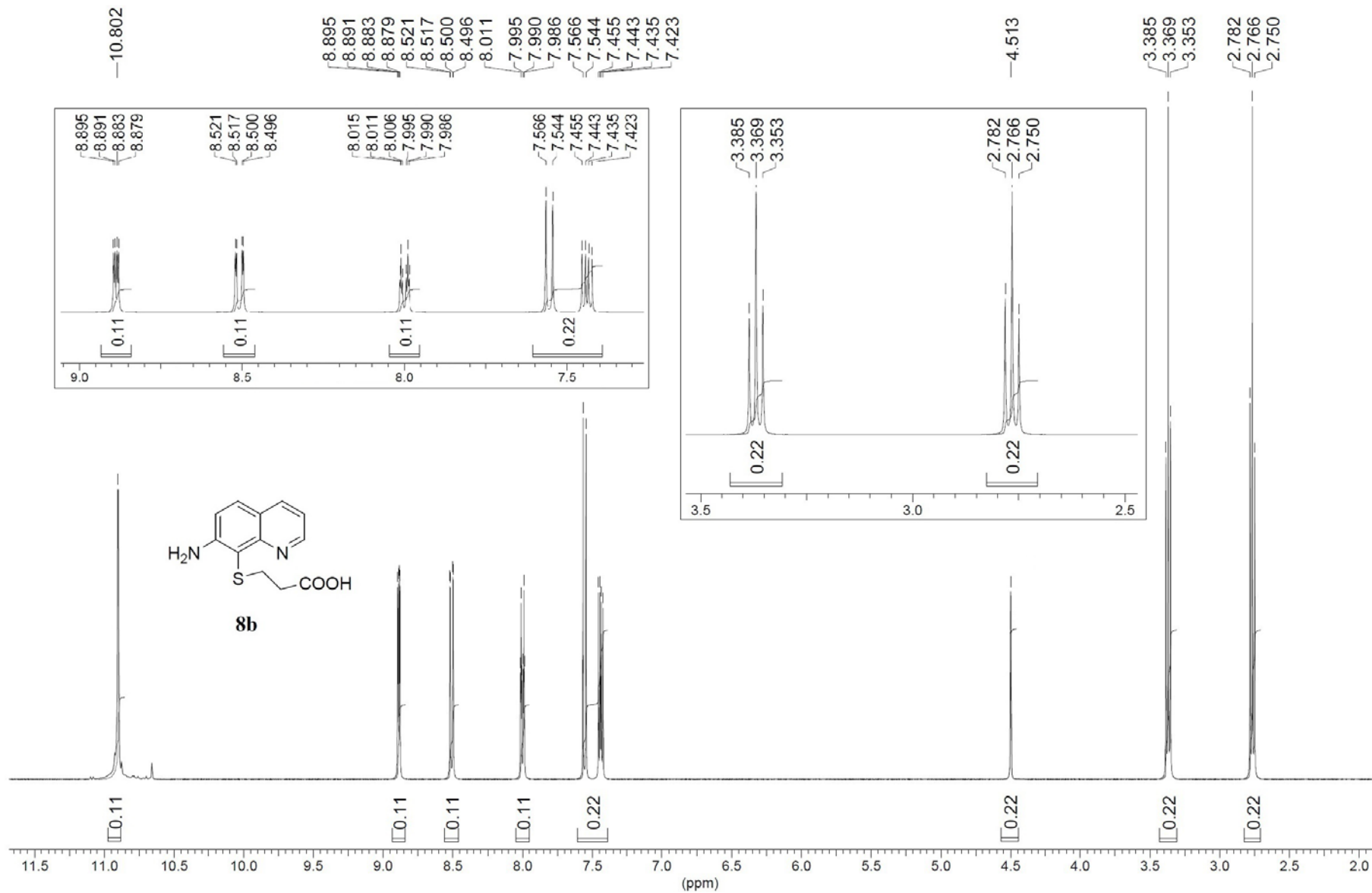


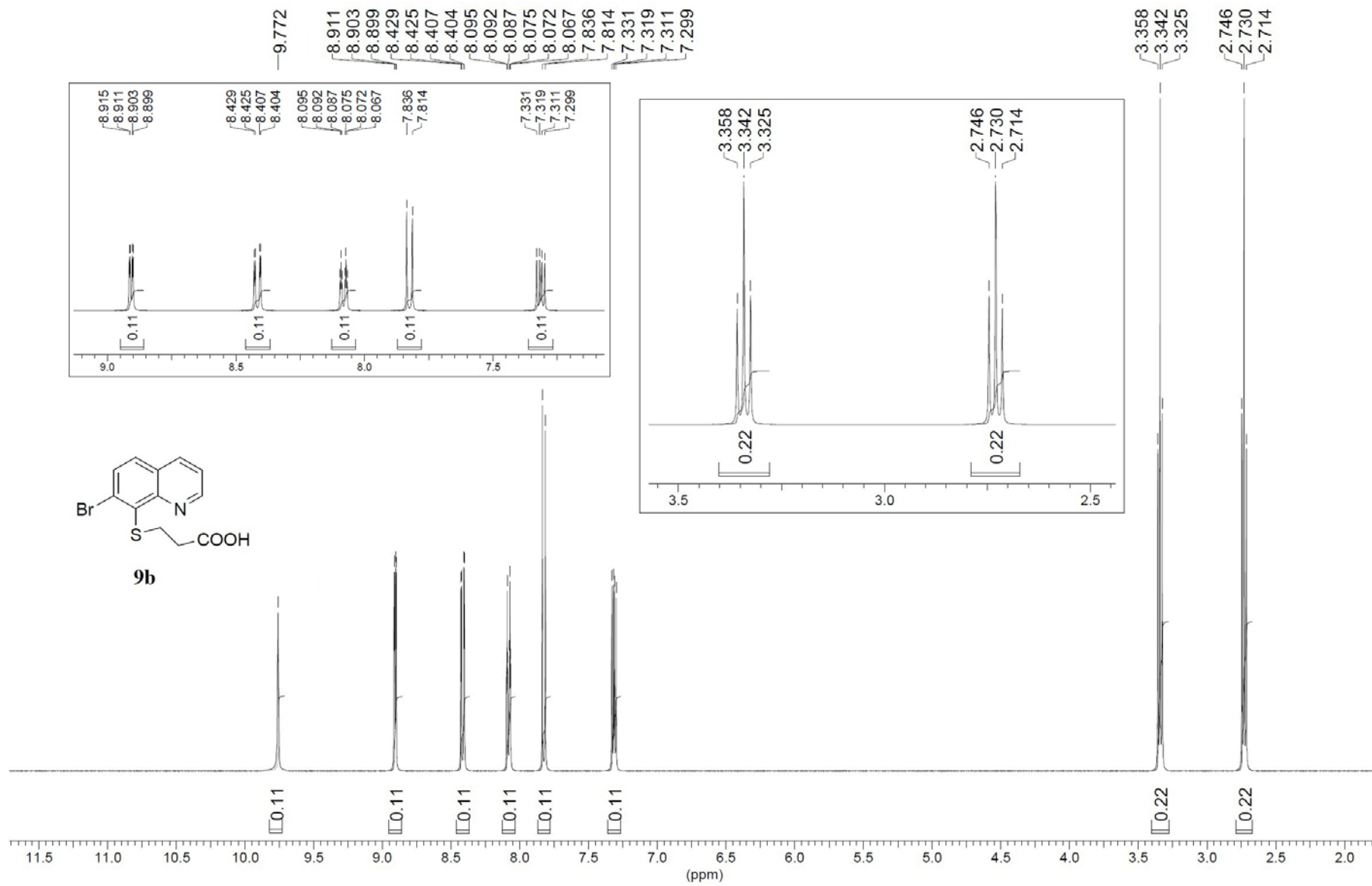




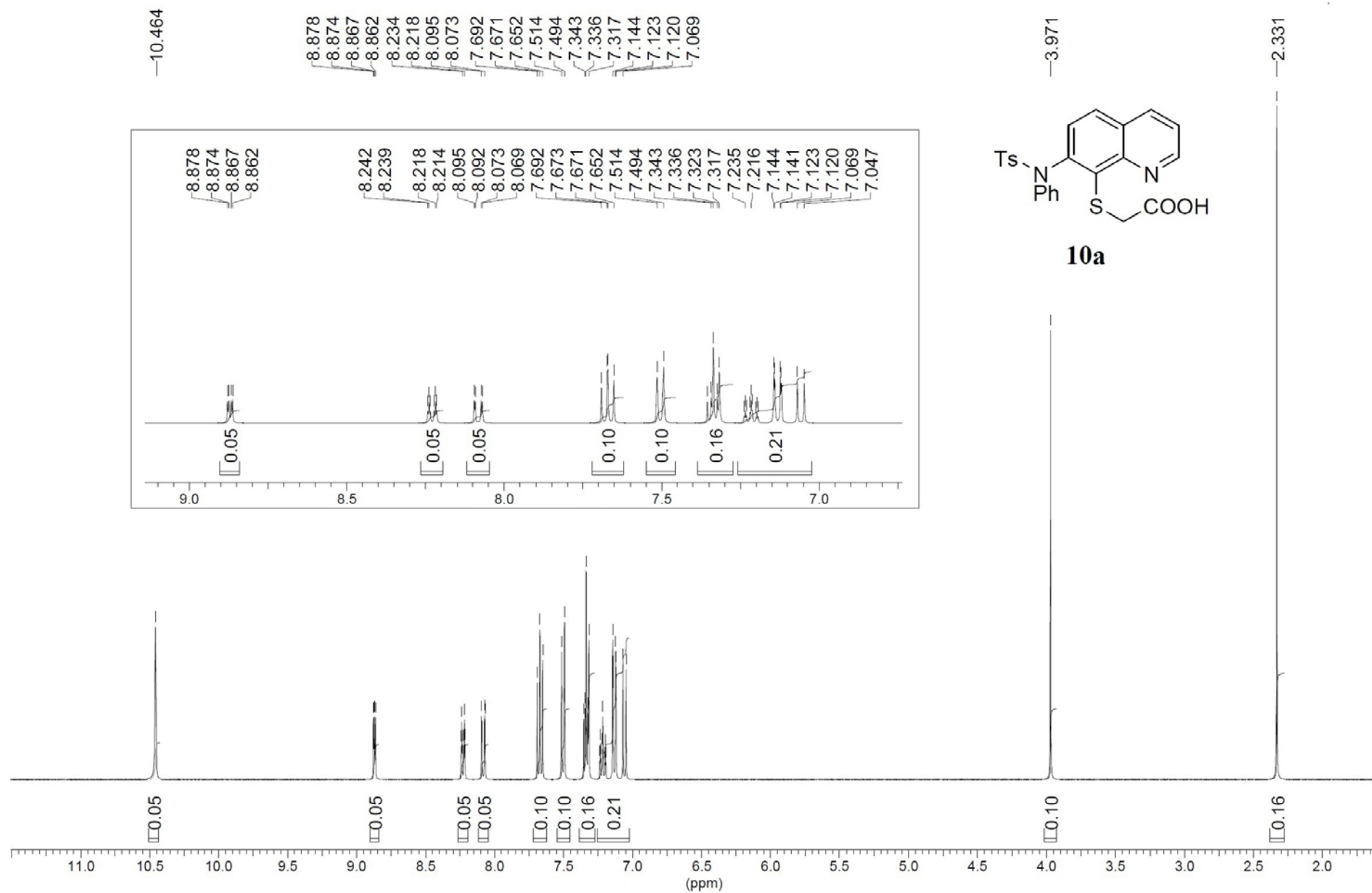


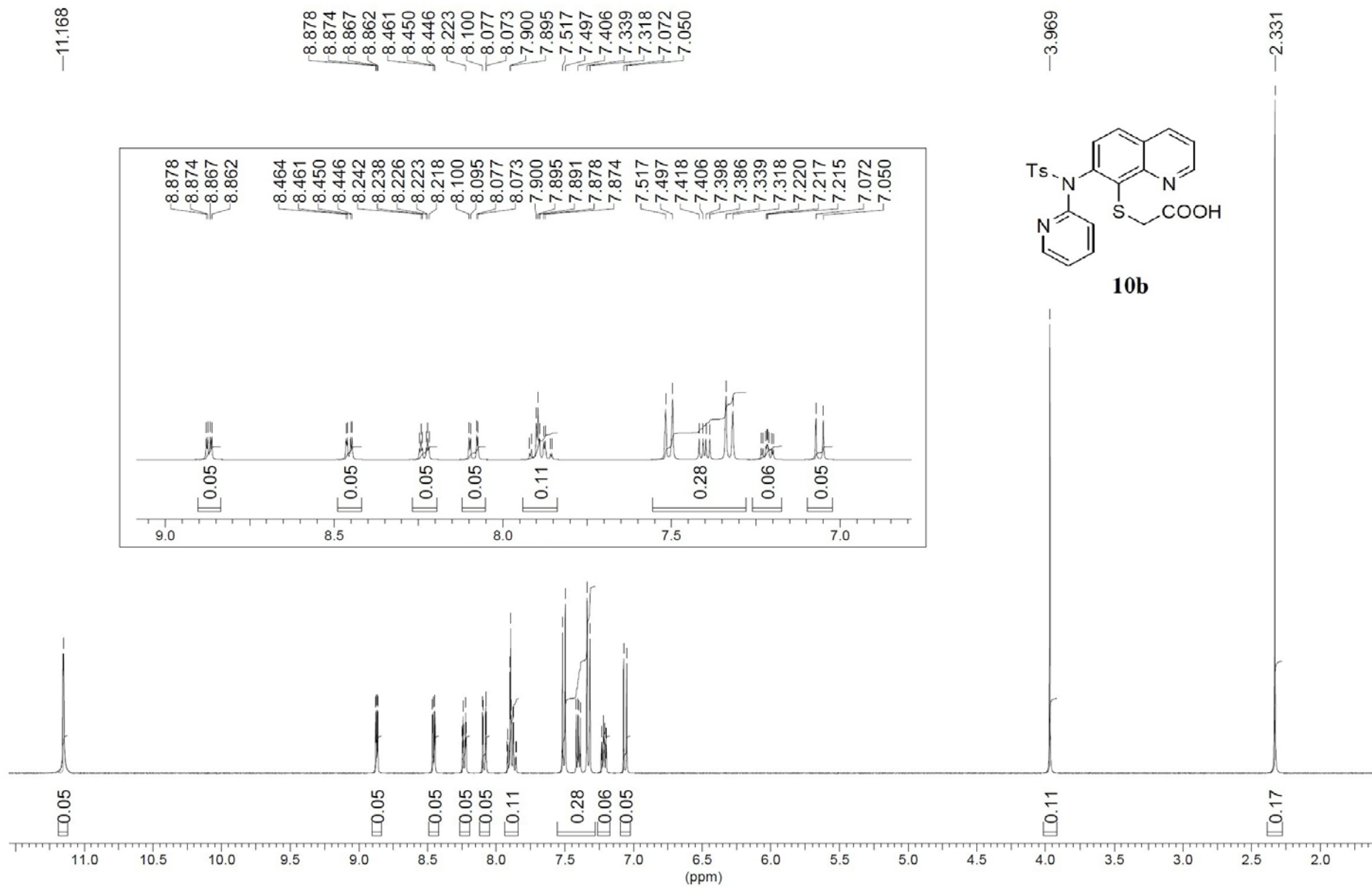


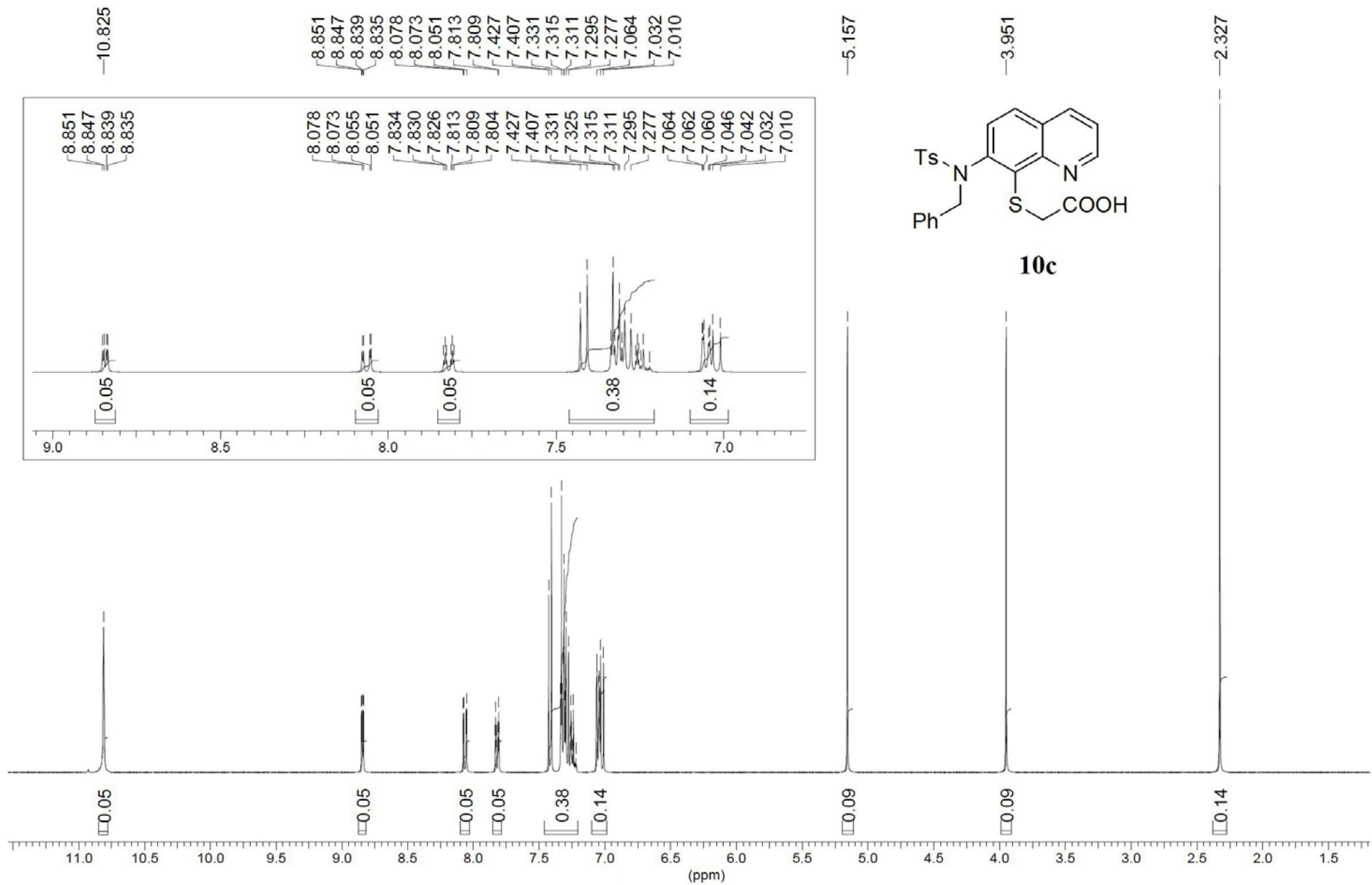


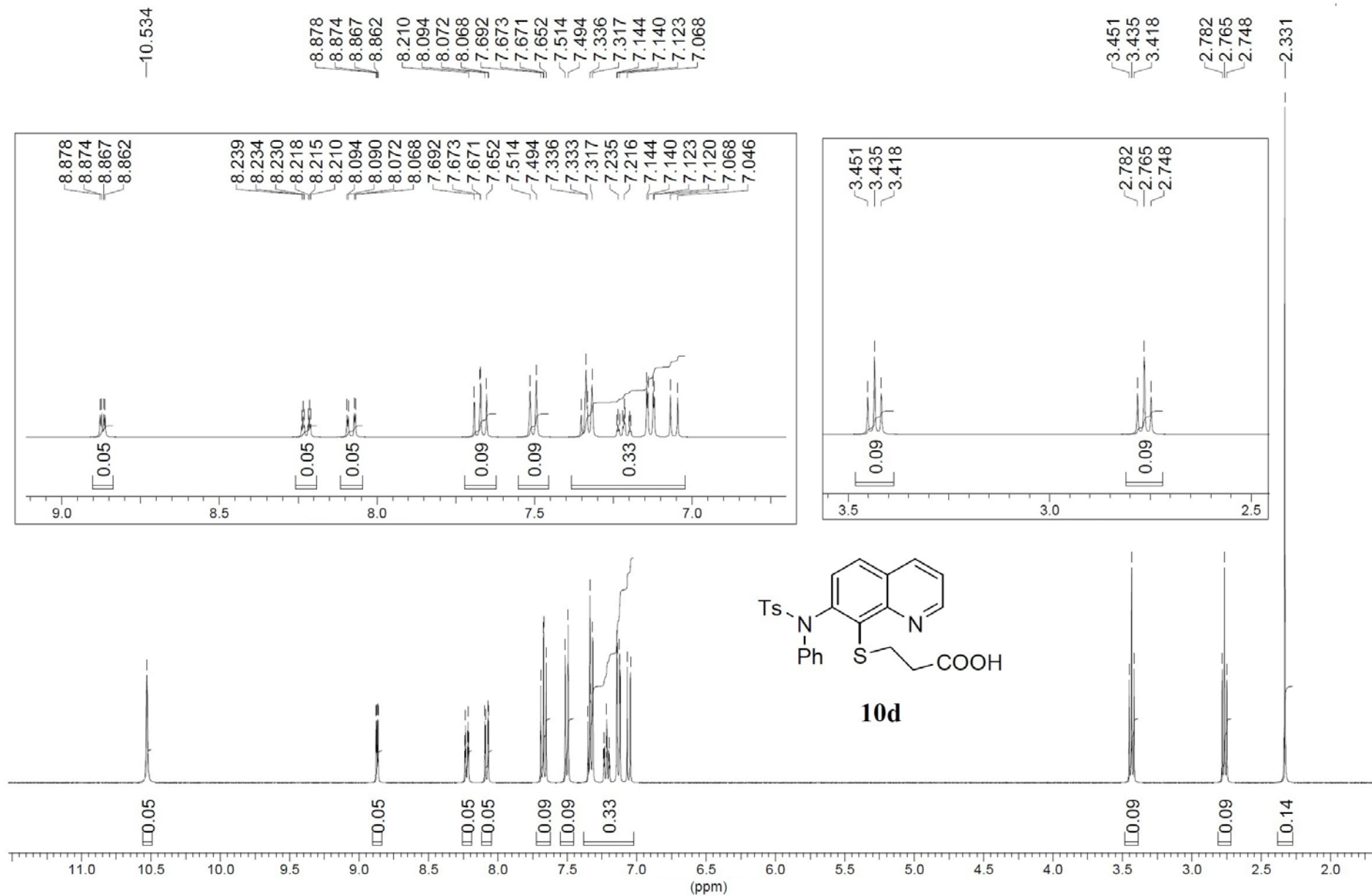


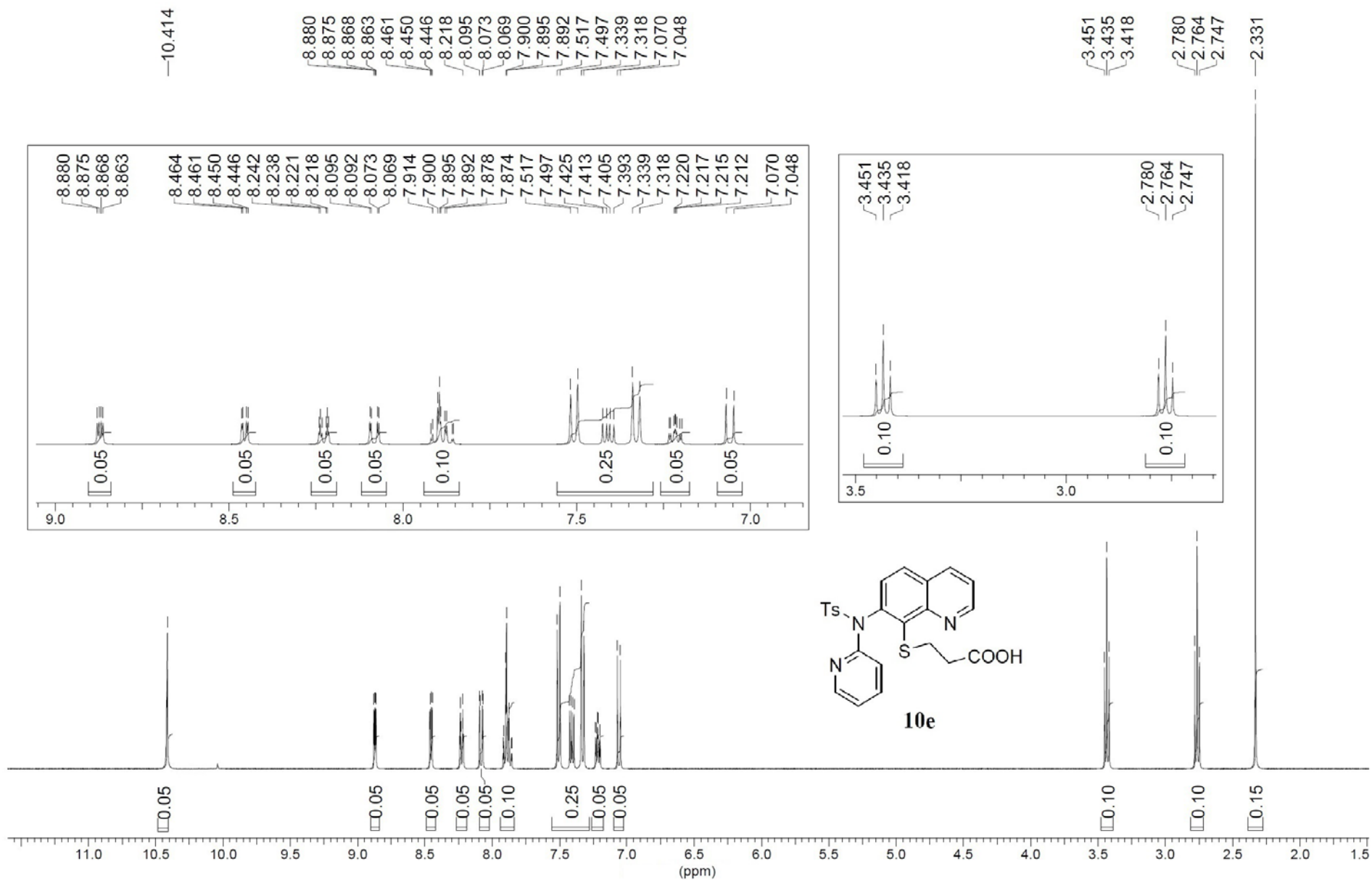


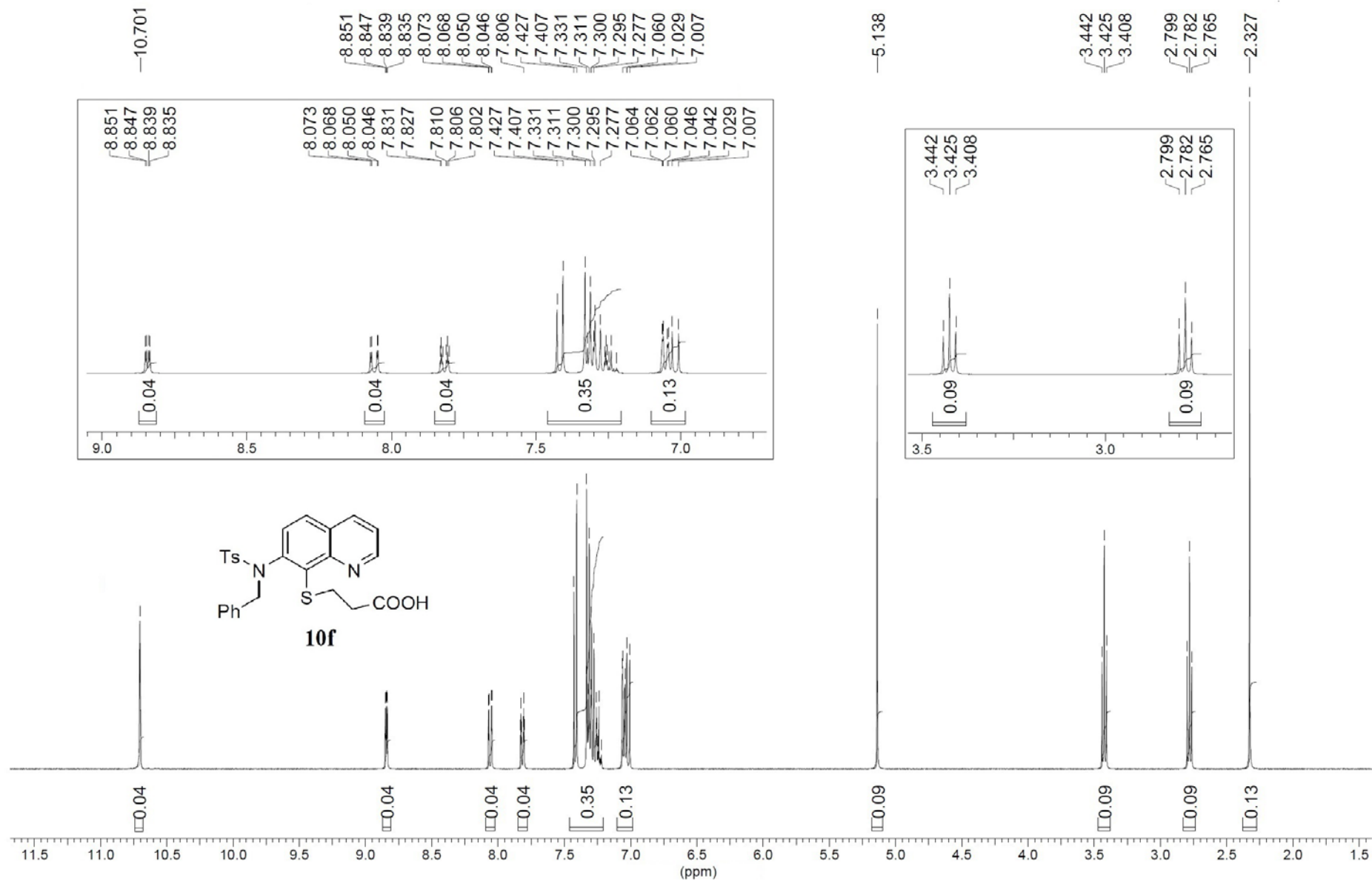


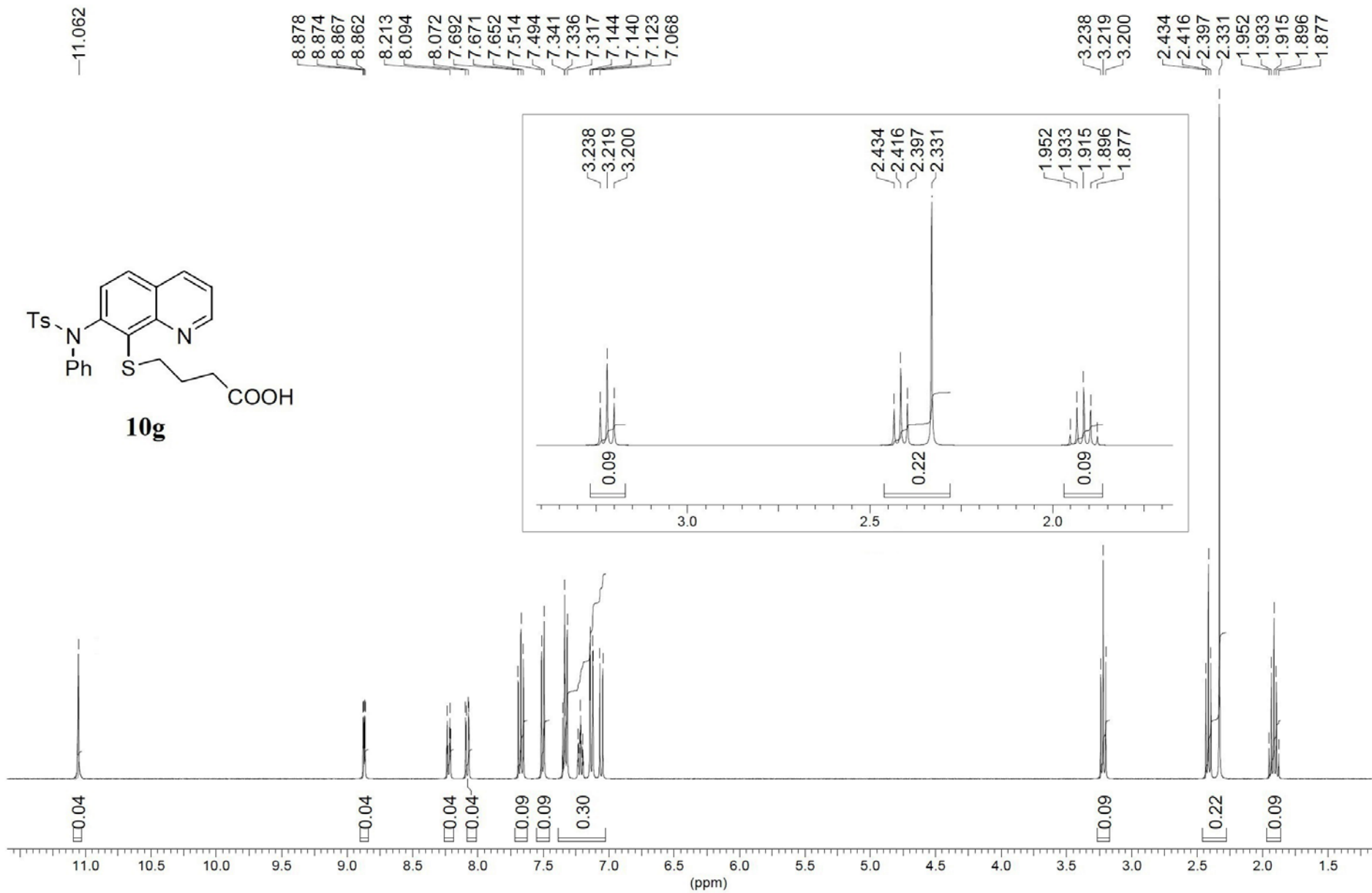


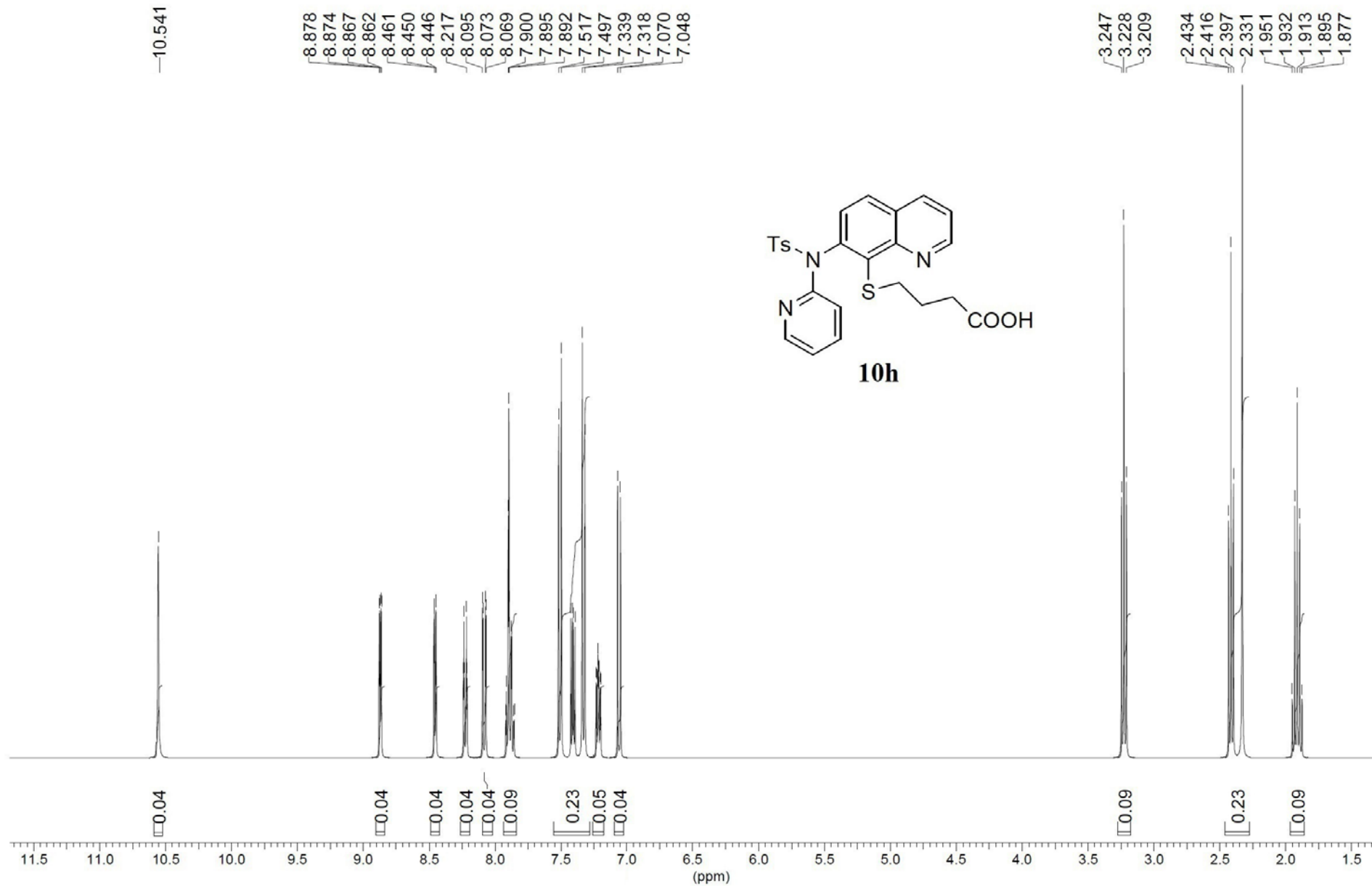




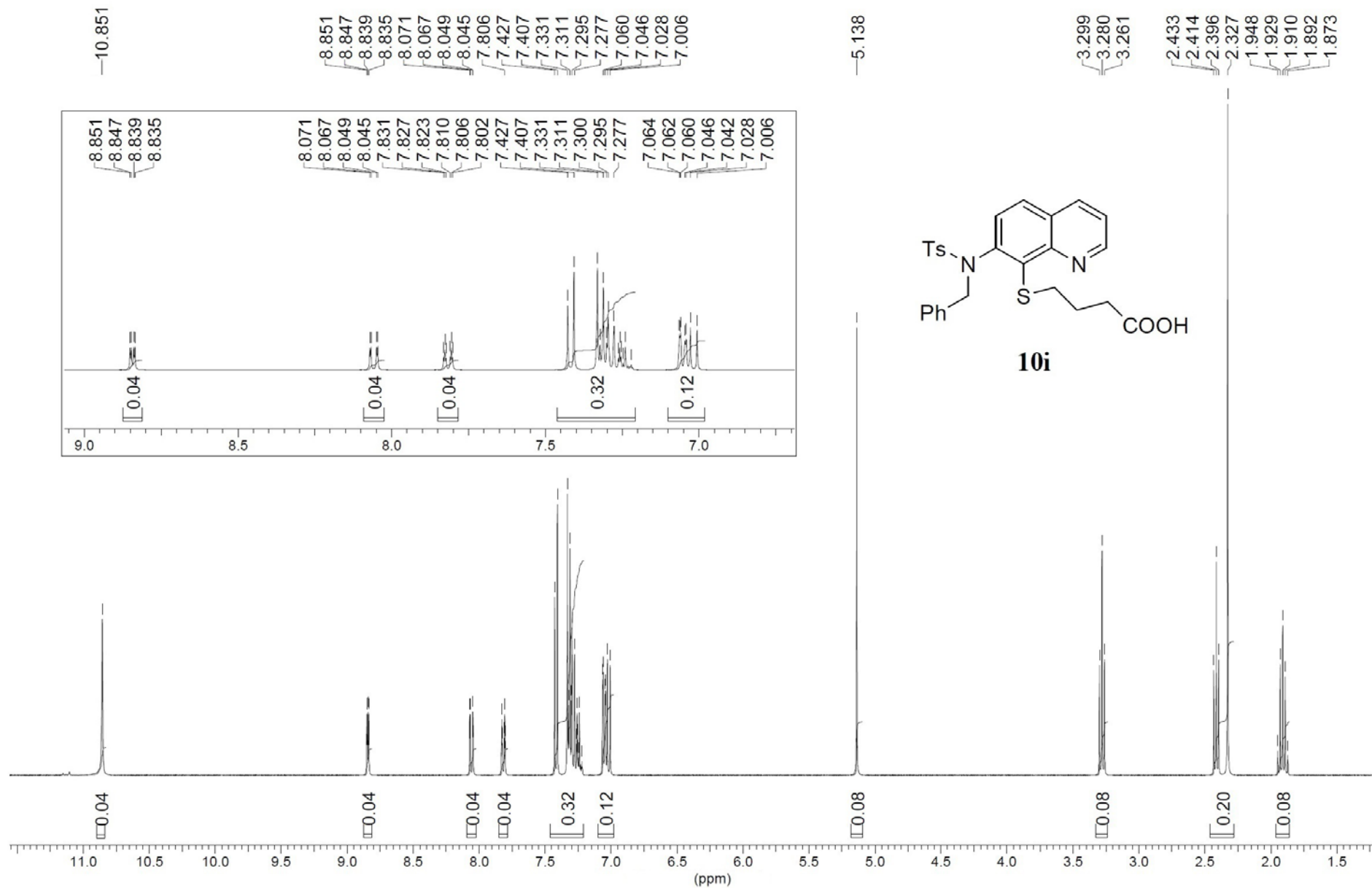


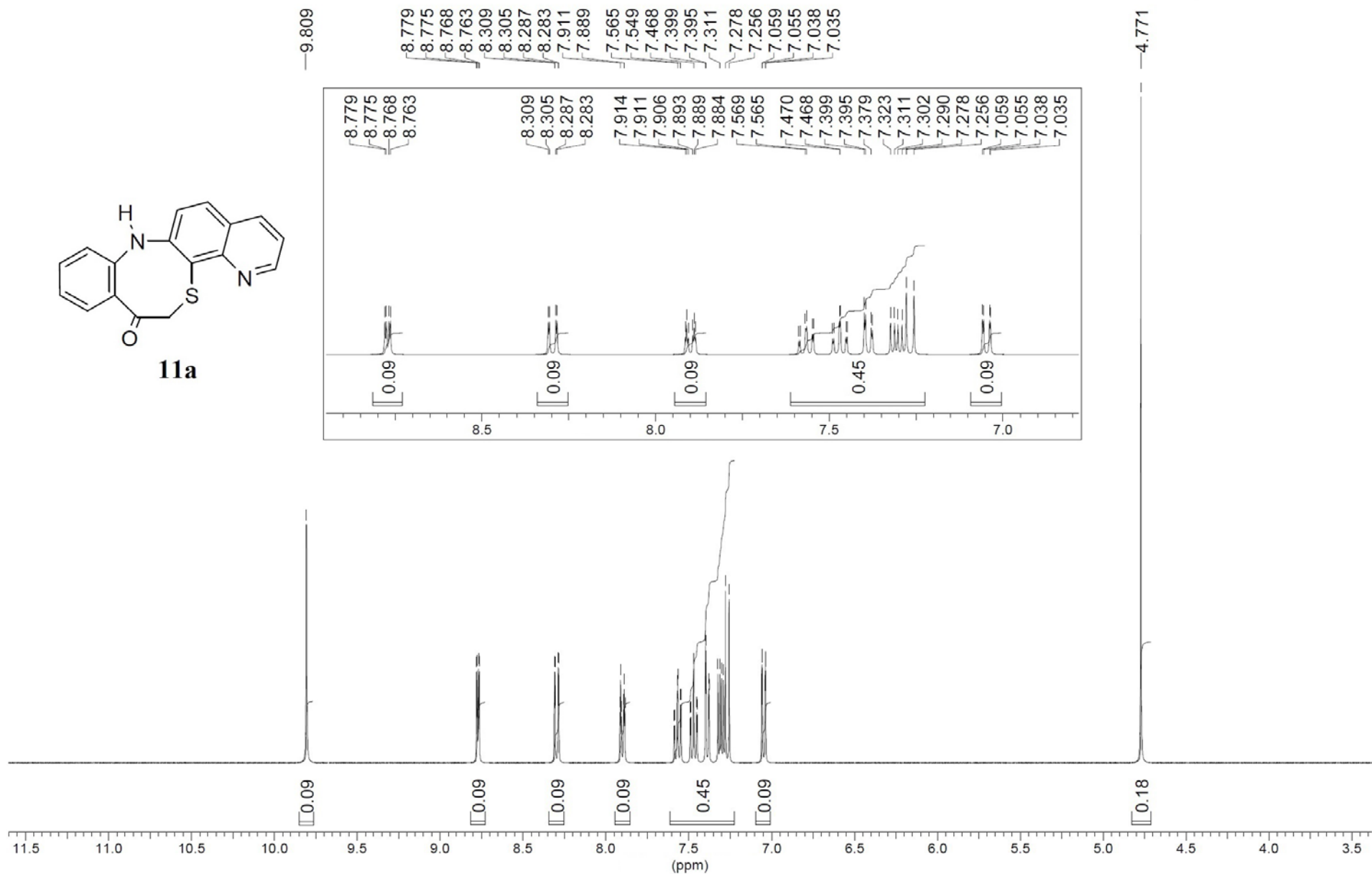


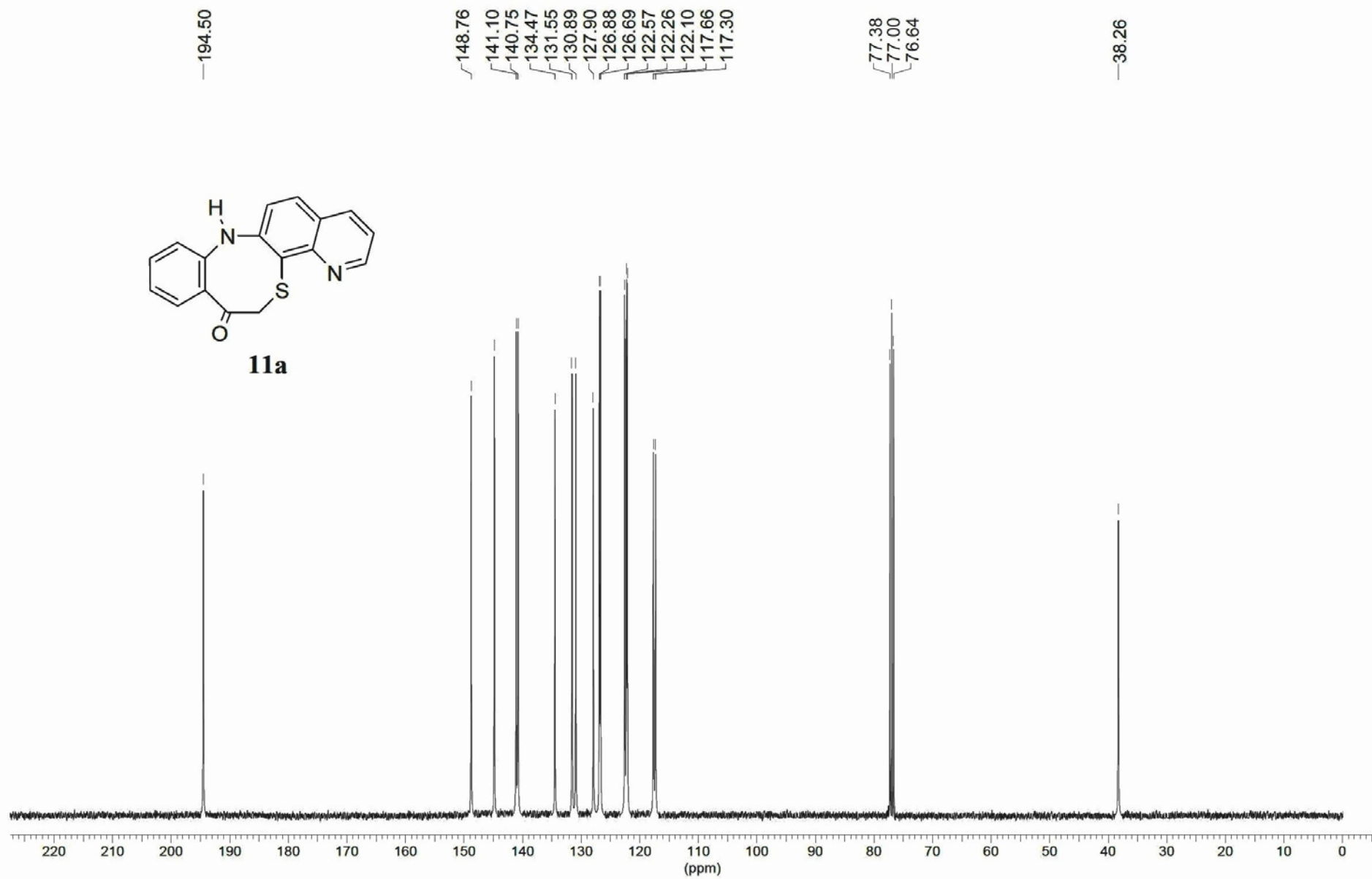


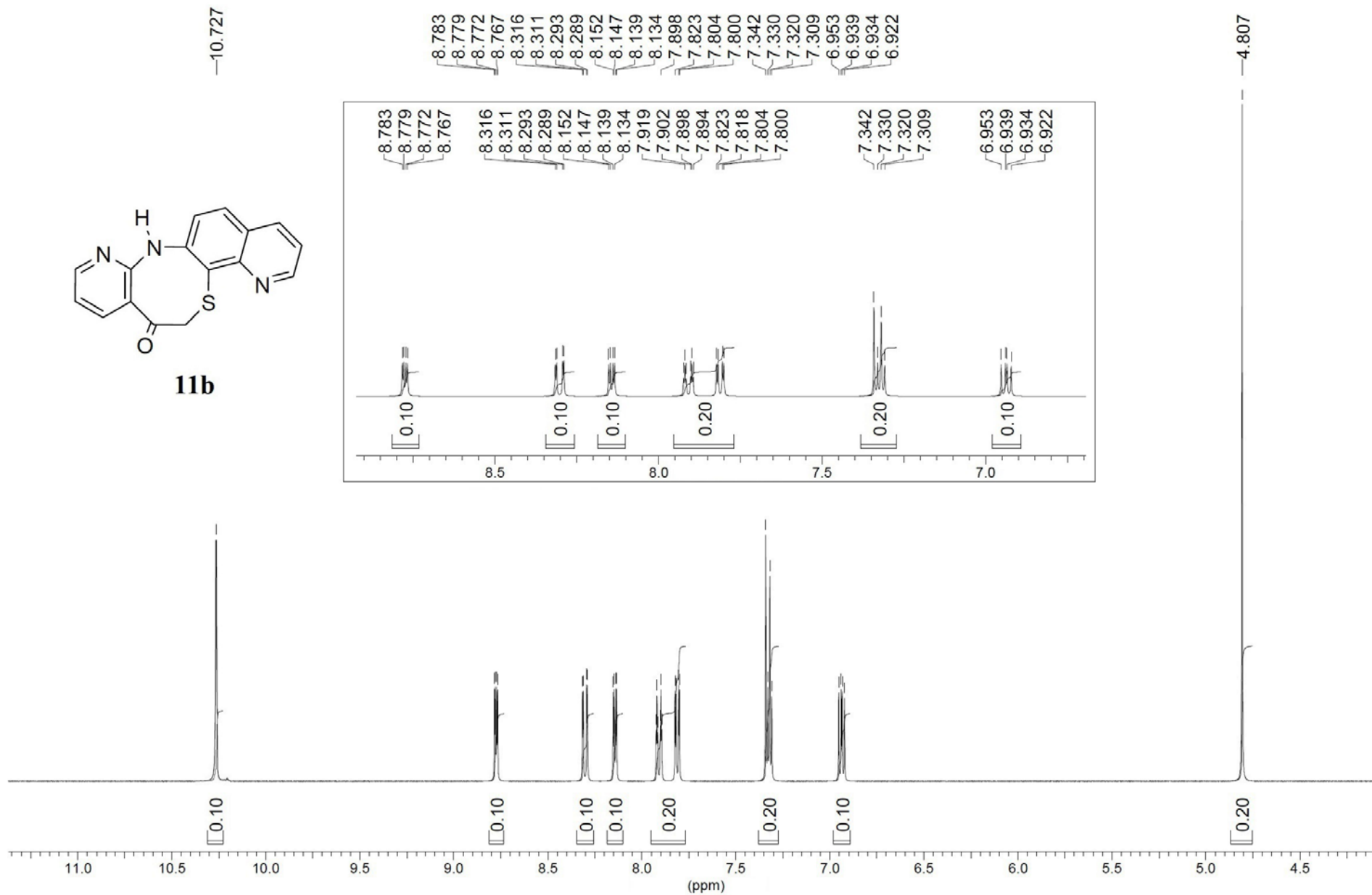
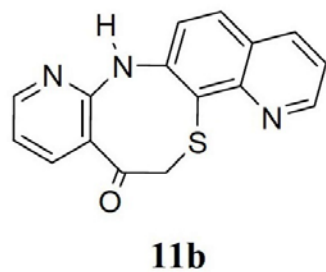


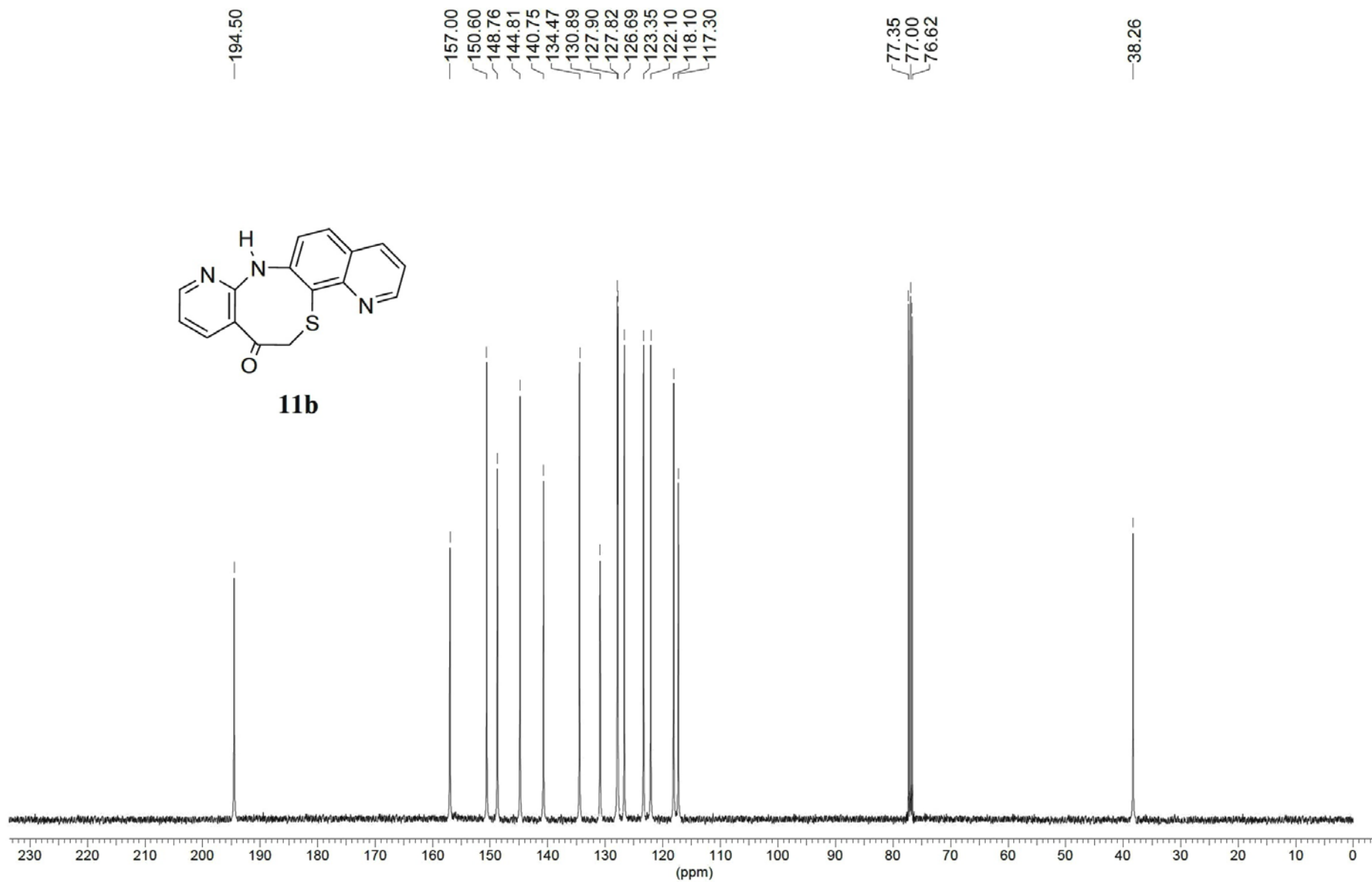


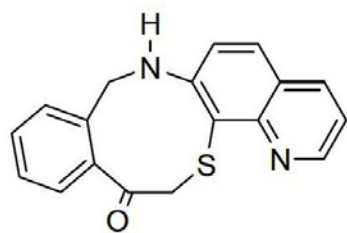




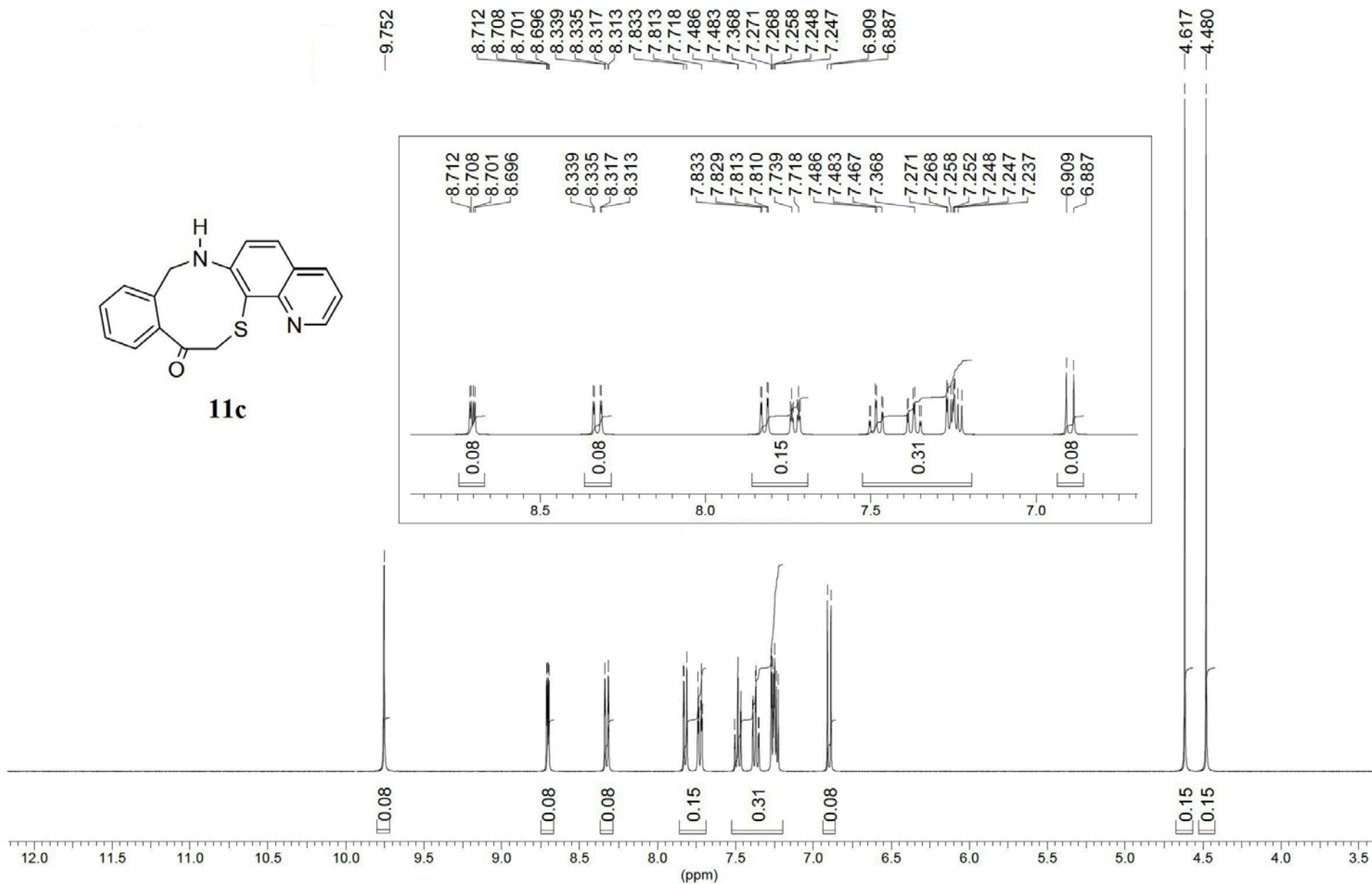


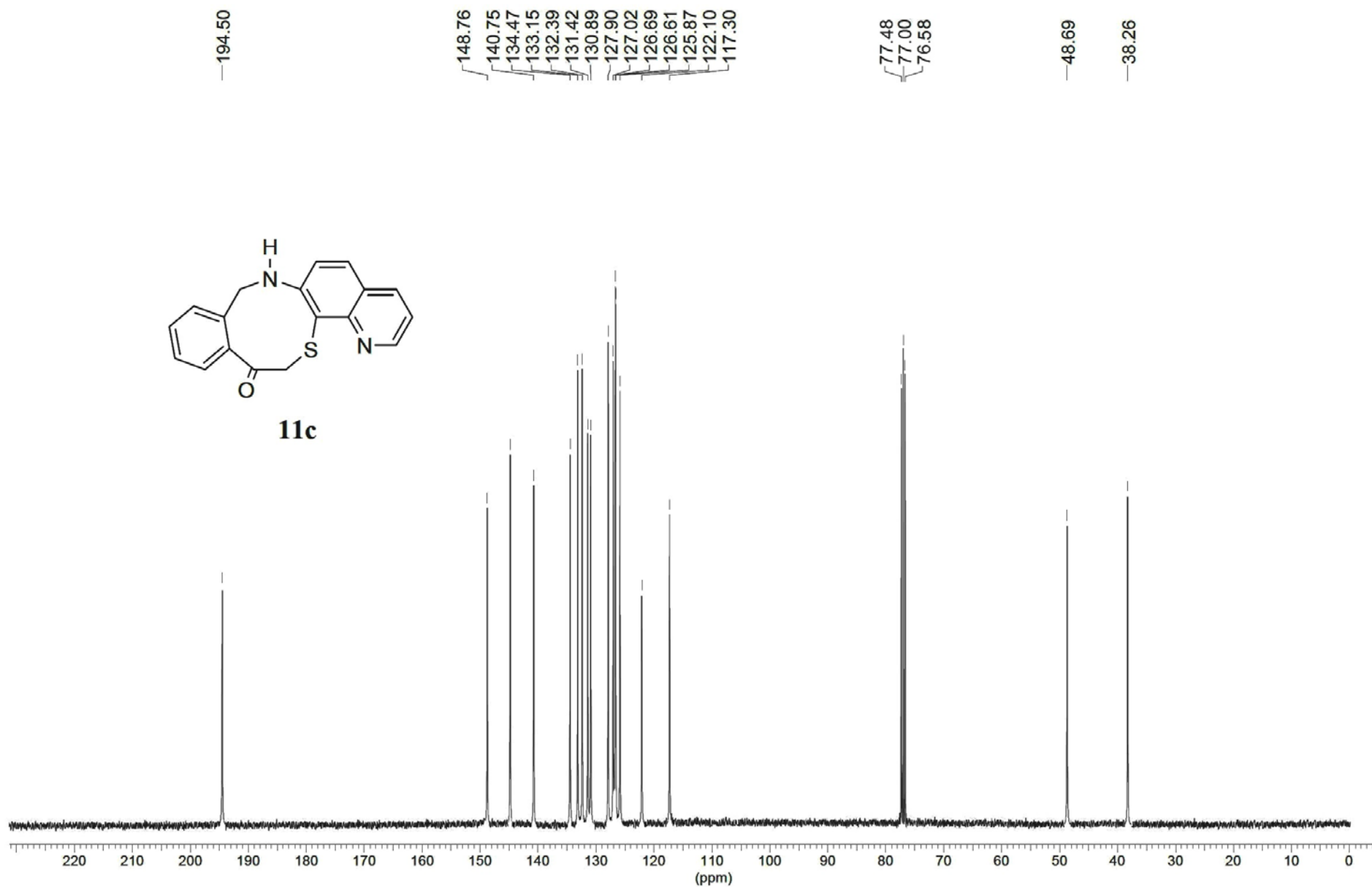


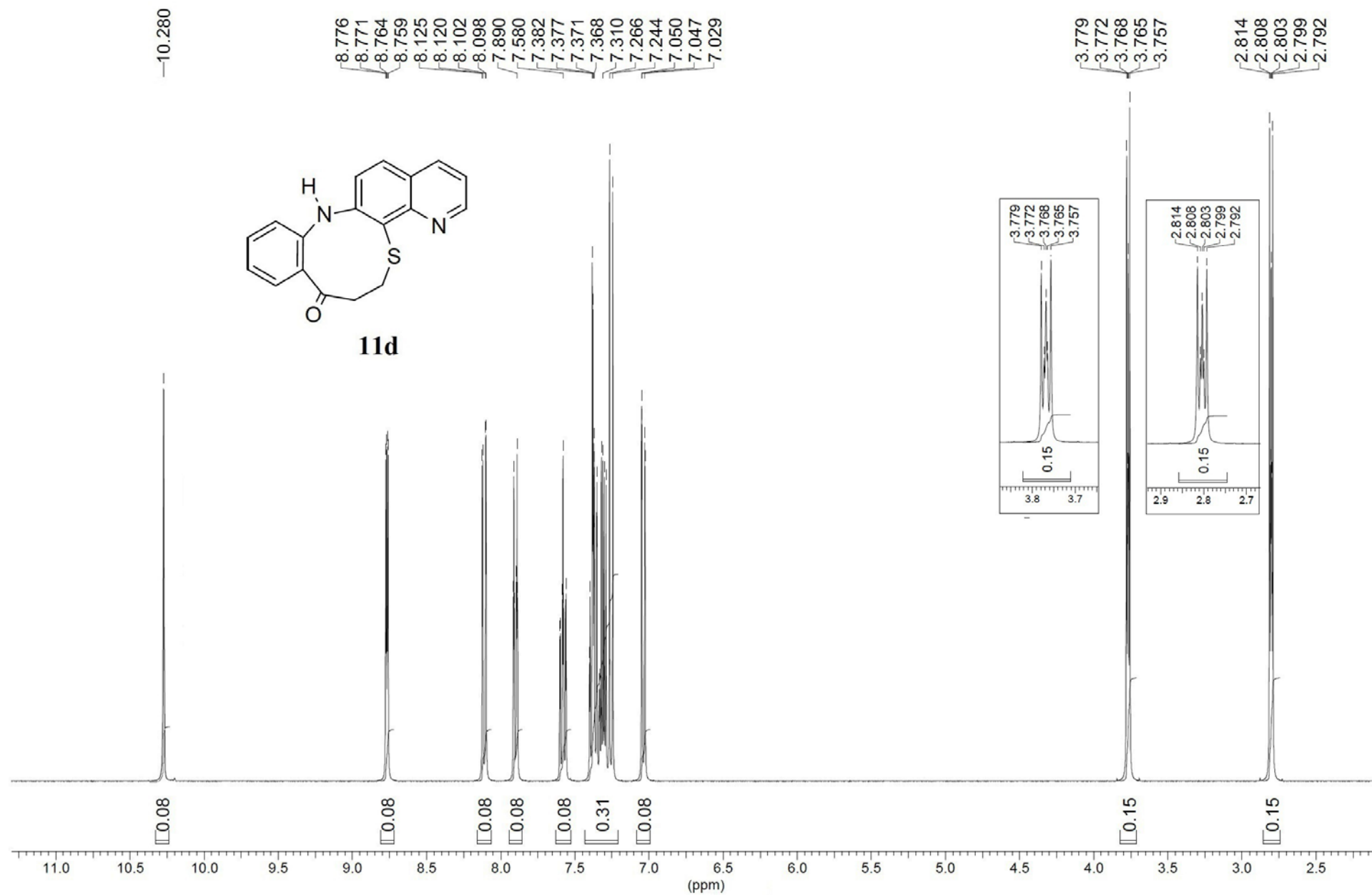




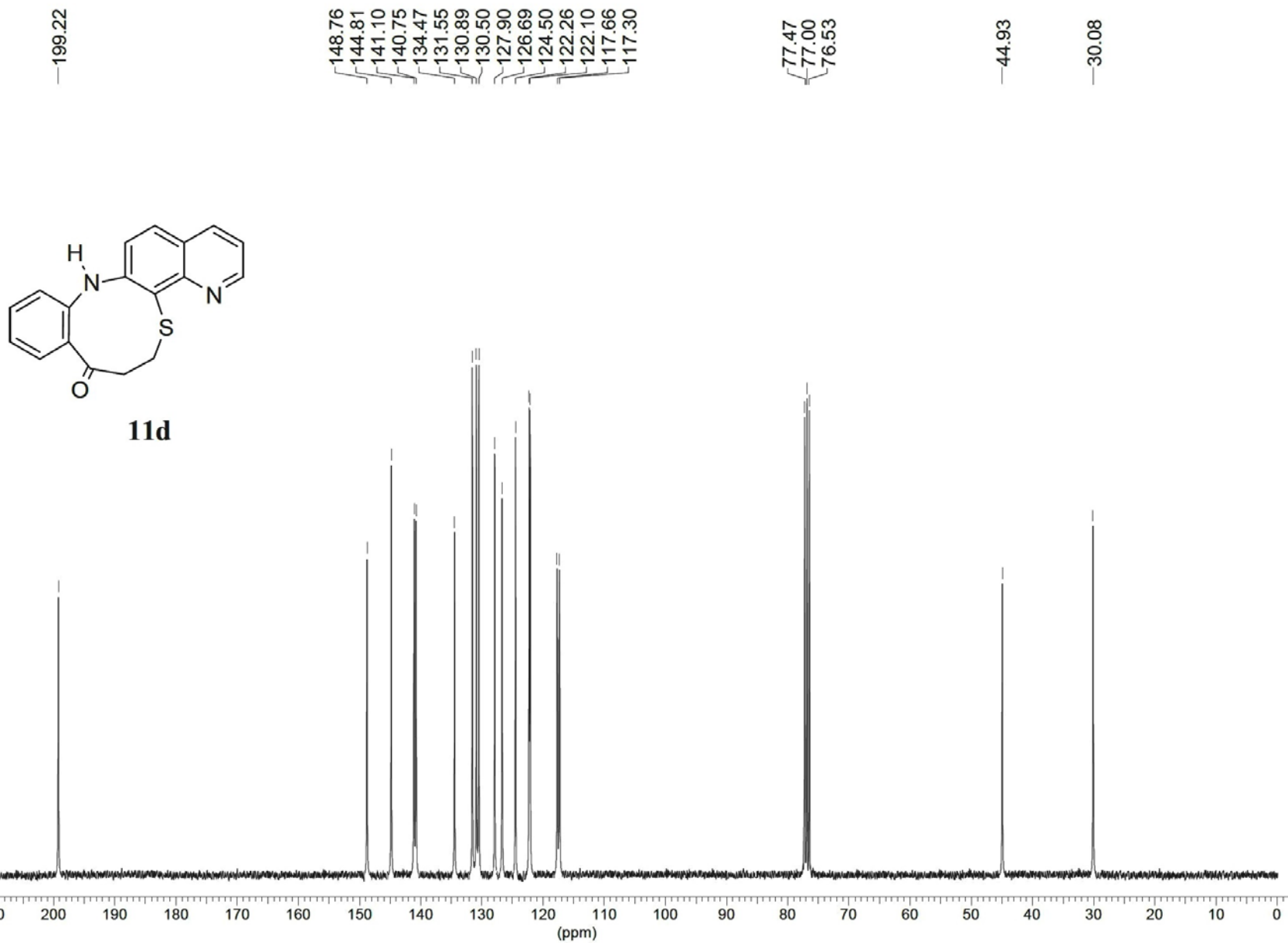
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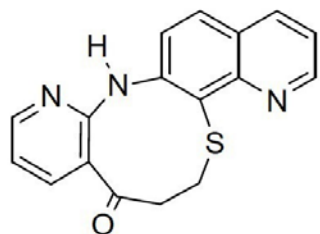




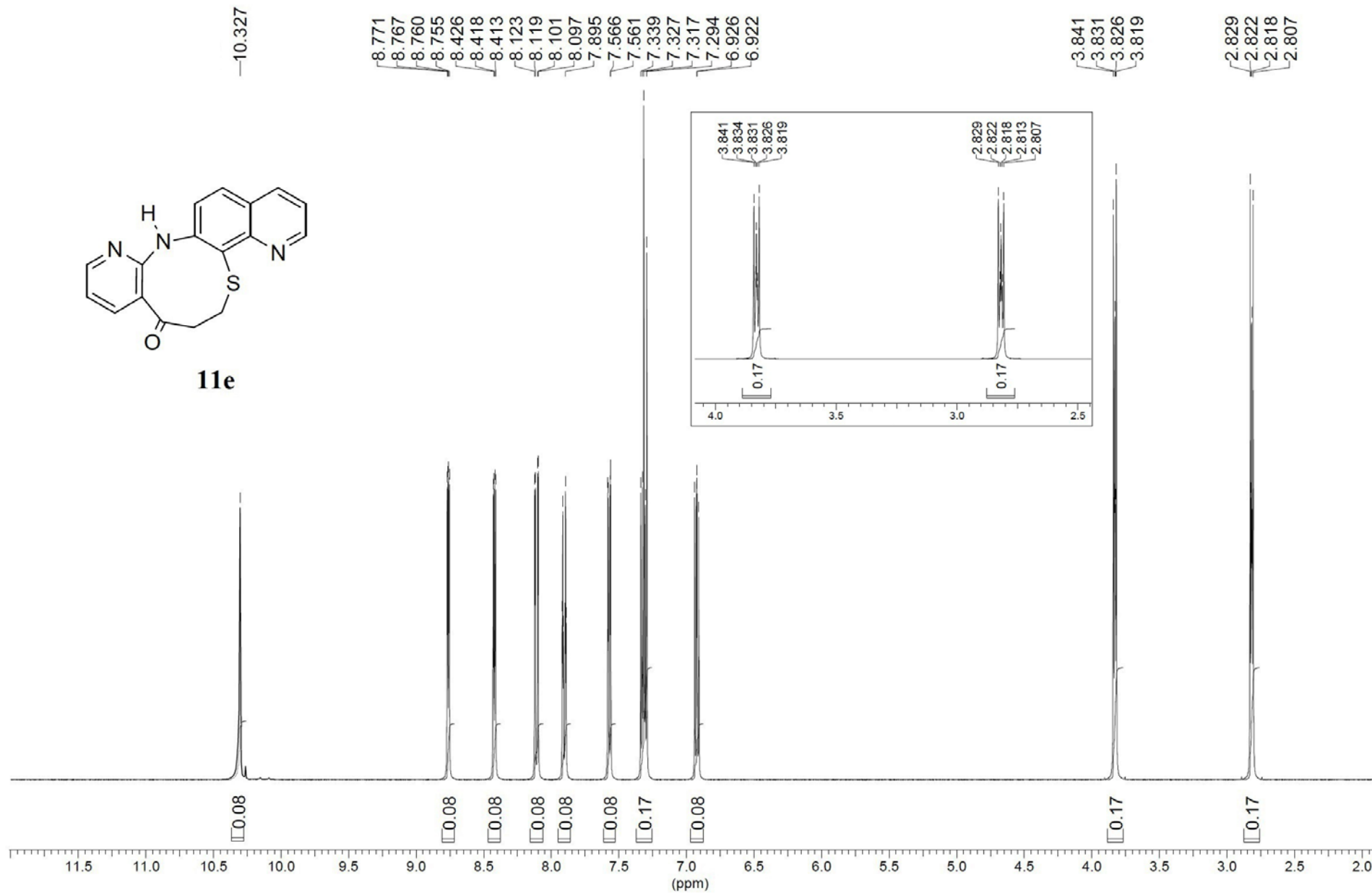


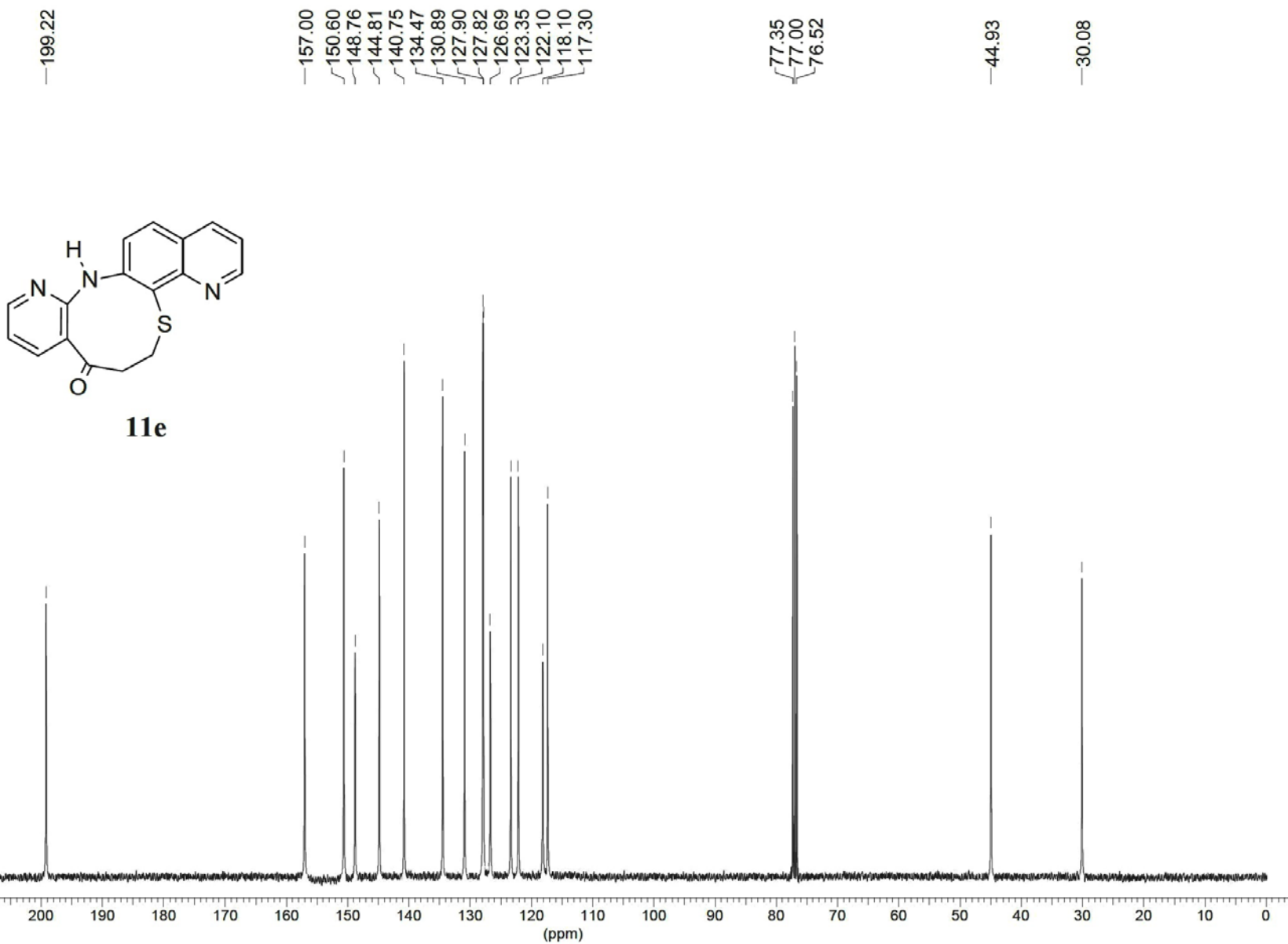


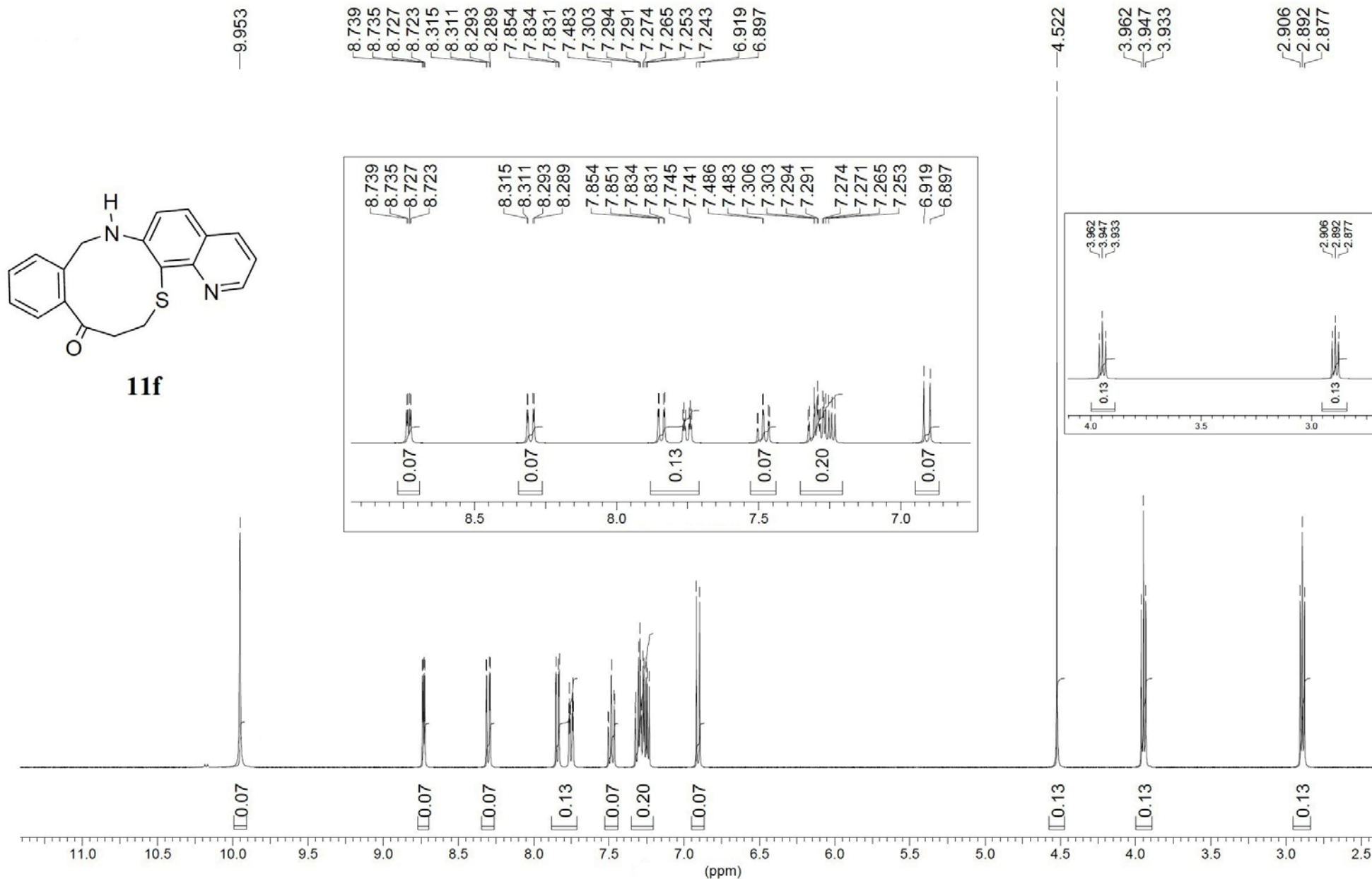


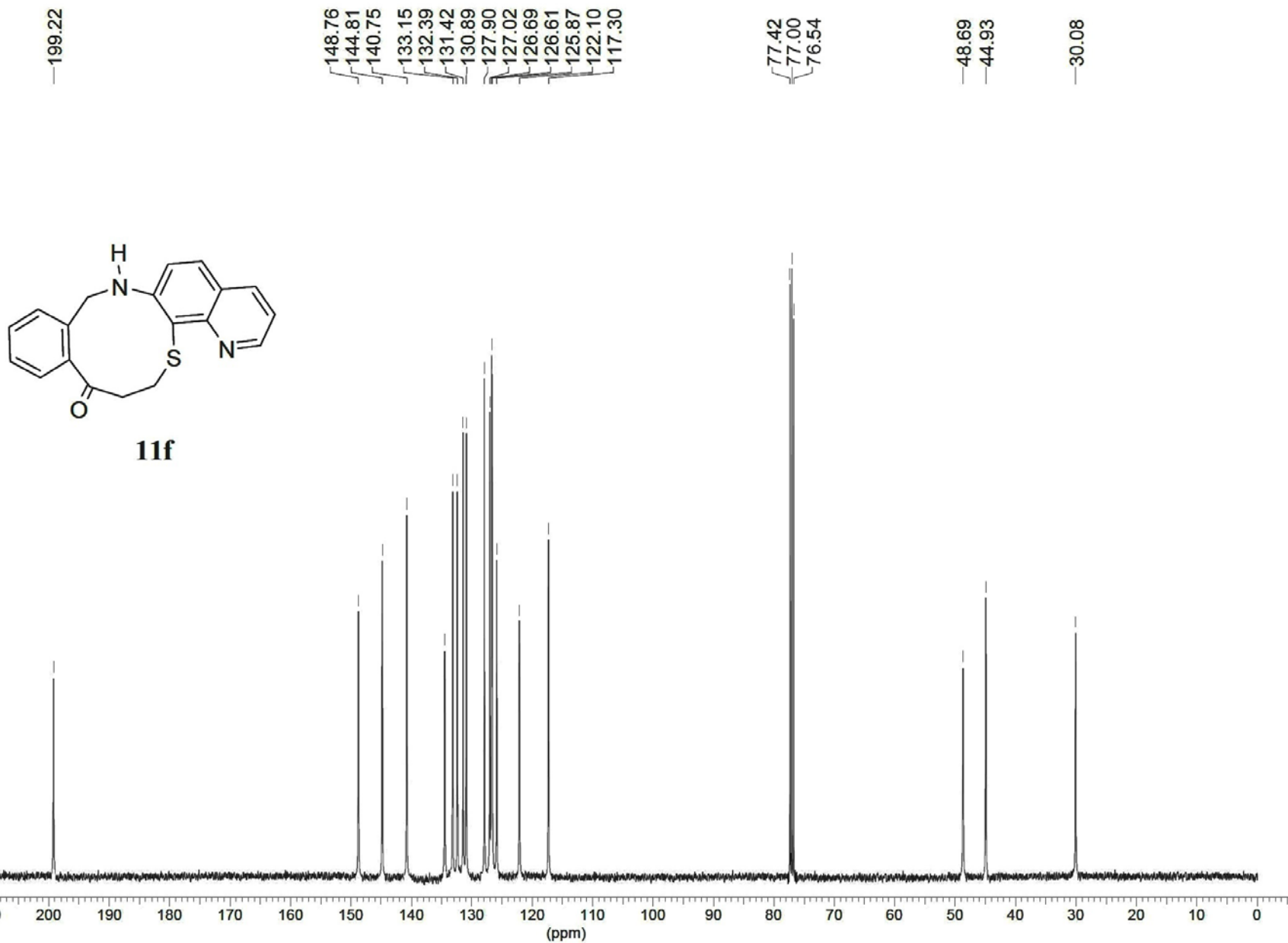


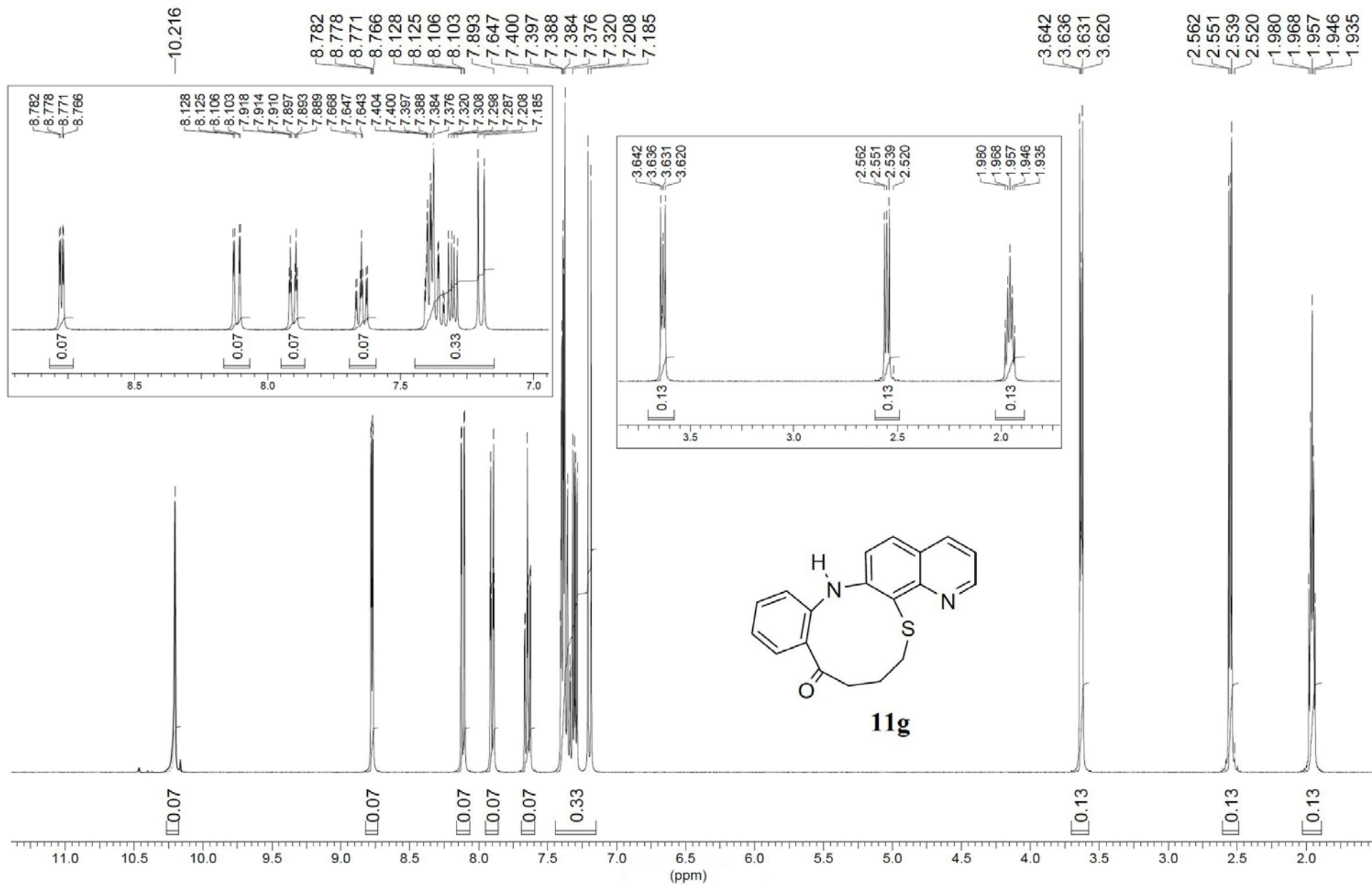
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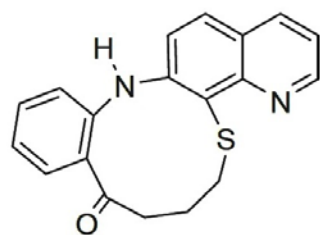












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