

## Supplementary Material

### Diacetoxiodobenzene (DIB) mediated oxidative dethionation of *N*-substituted-5-arylidene rhodanines: An efficient synthesis of *N*-substituted-5-arylidene-thiazolidine-2,4-diones

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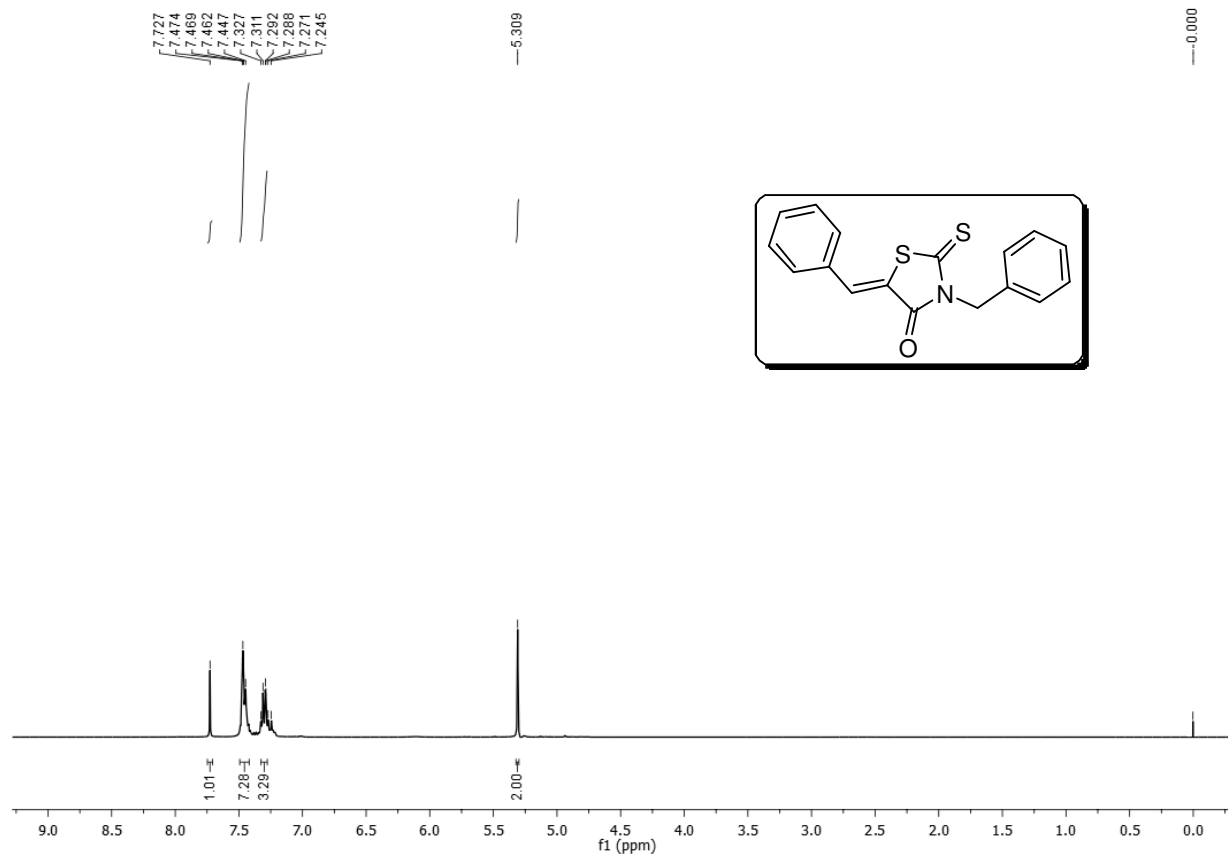
<sup>b</sup>Department of Chemistry, Manipur University, Canchipur-795003, Manipur, India

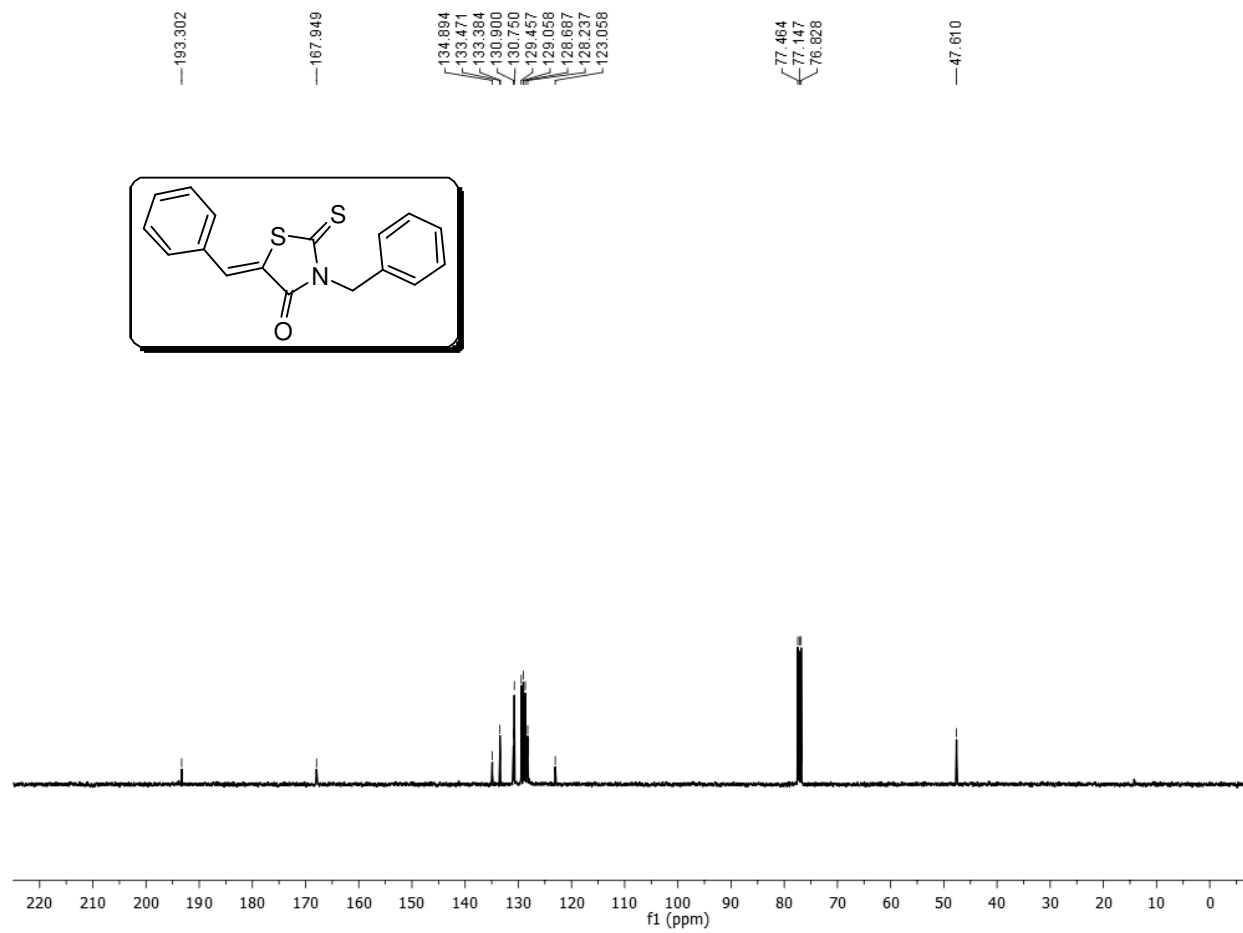
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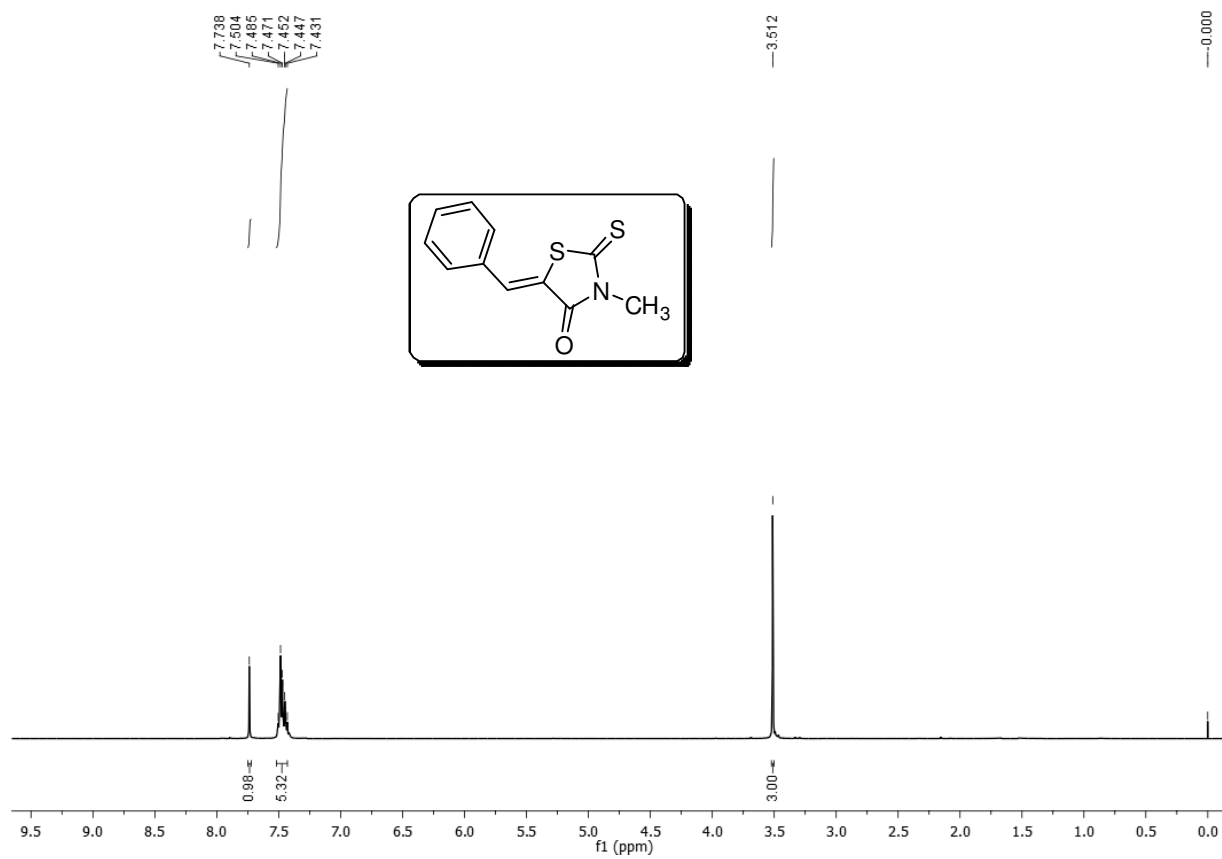
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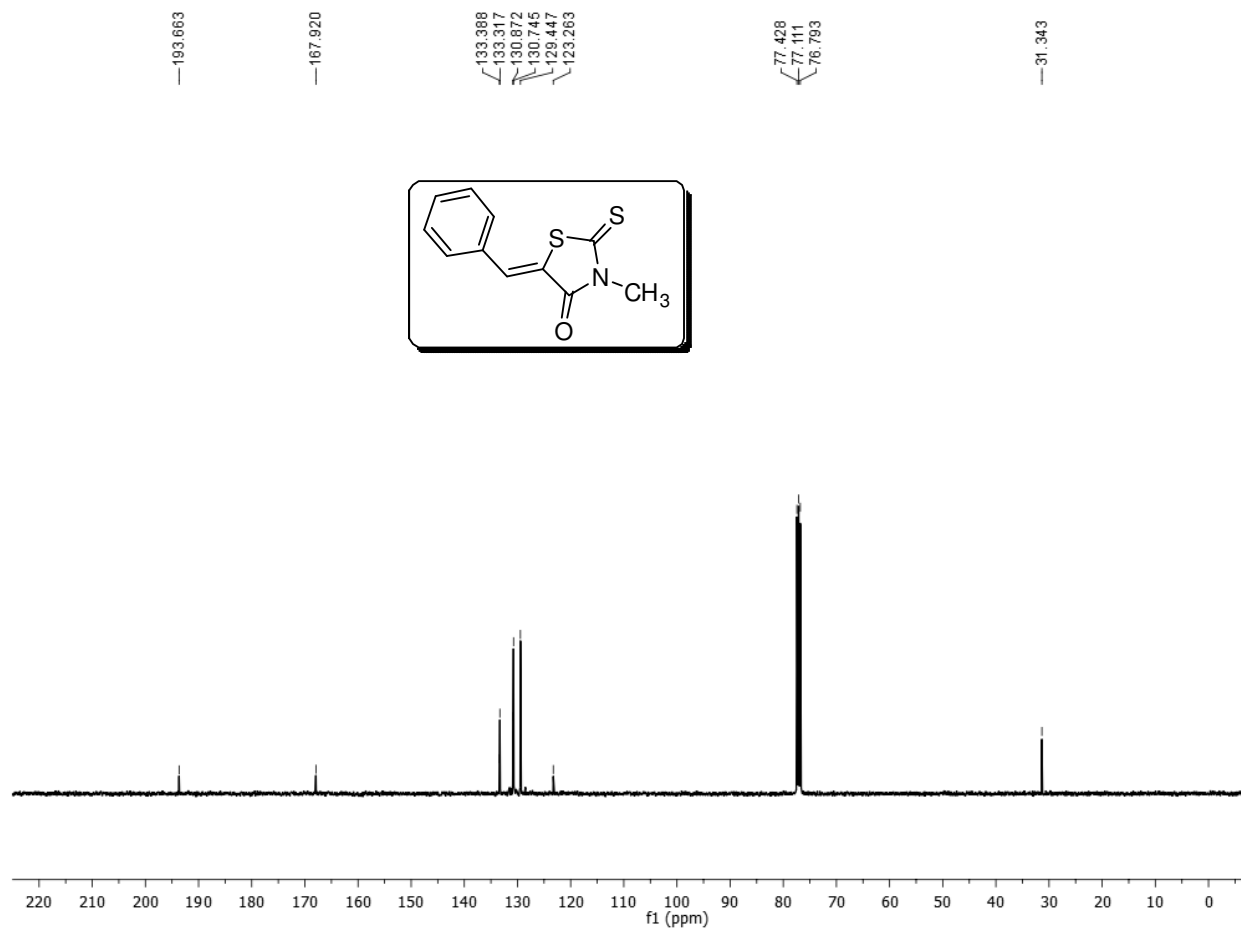
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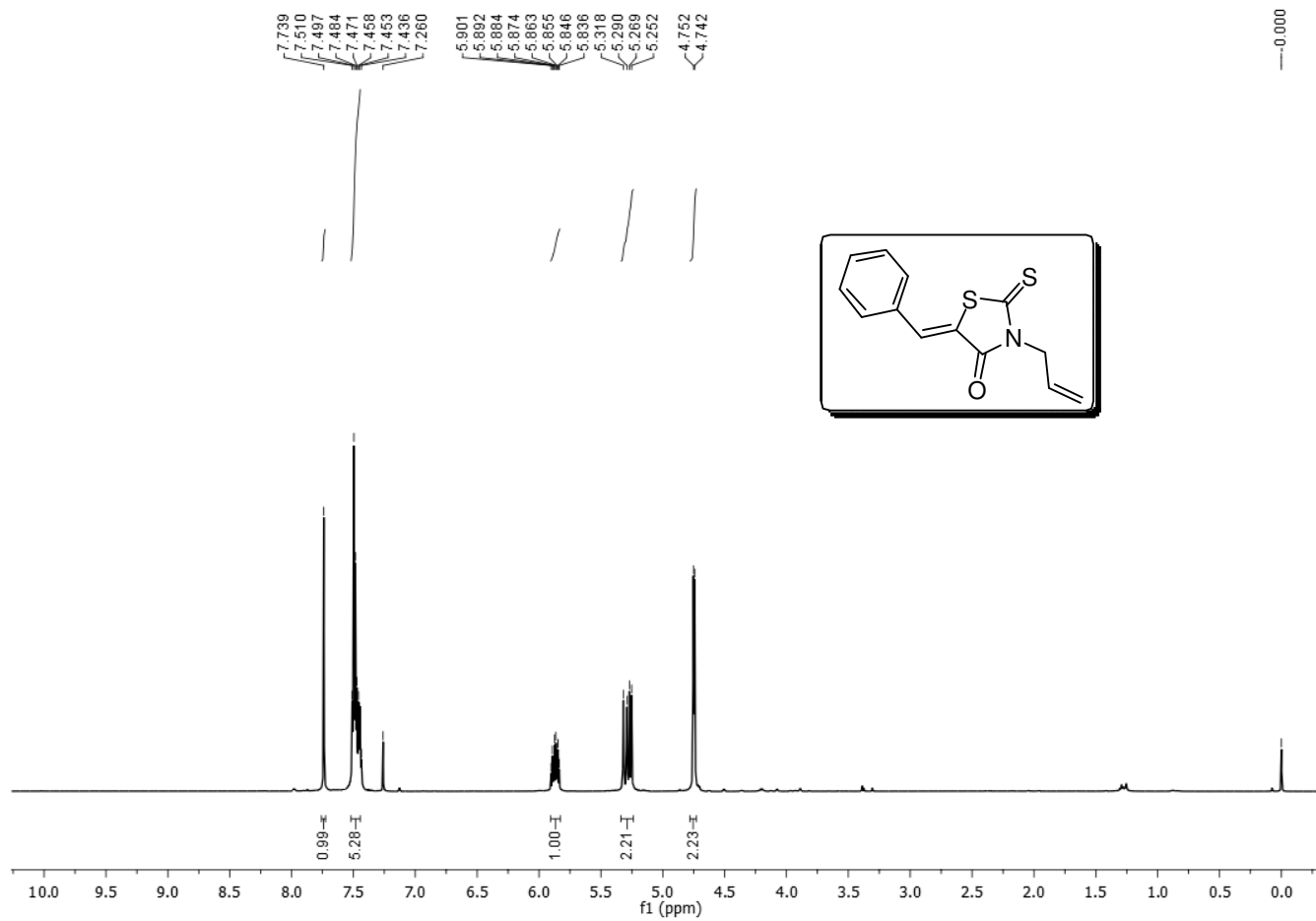
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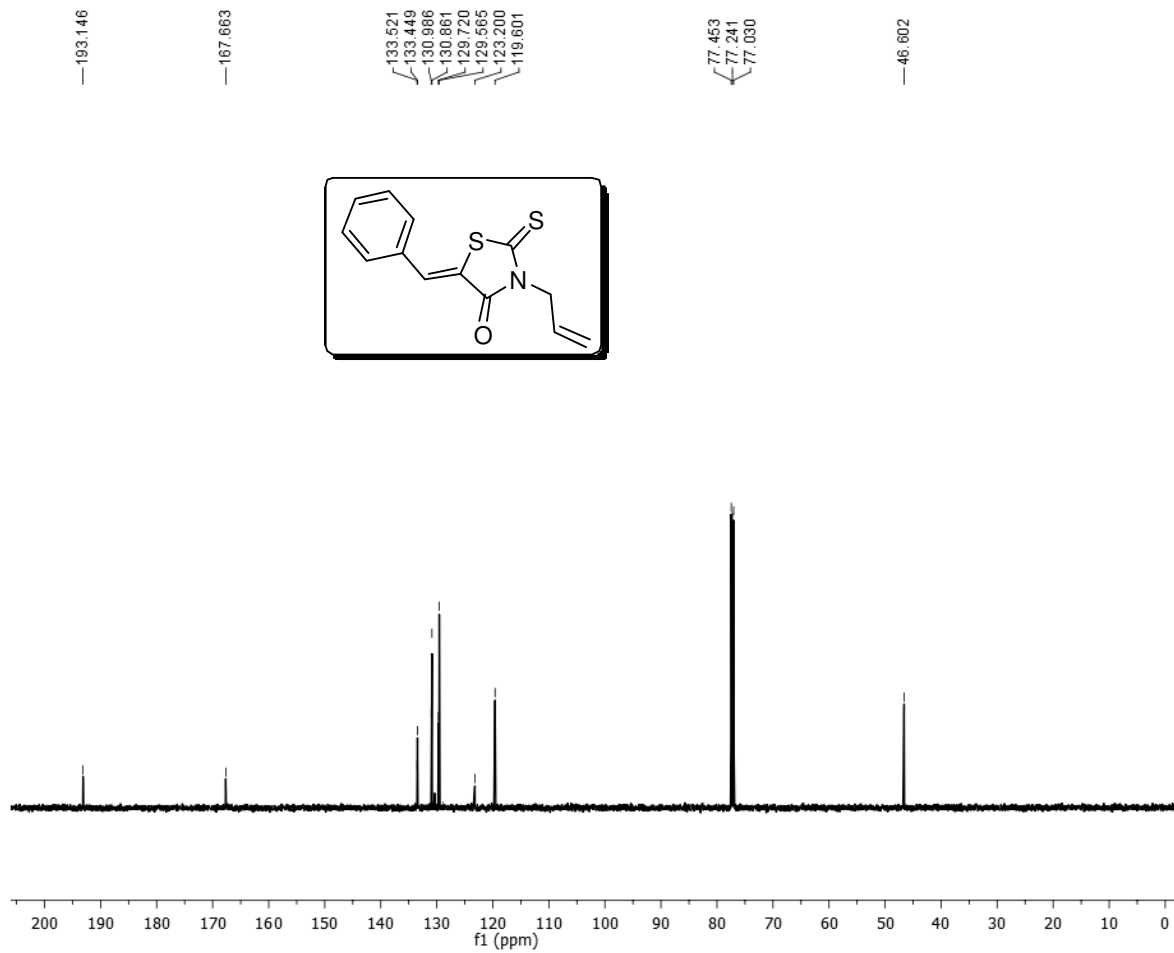
**(Z)-3-Benzylidene-2-thioxothiazolidin-4-one (1a):  $^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ )**

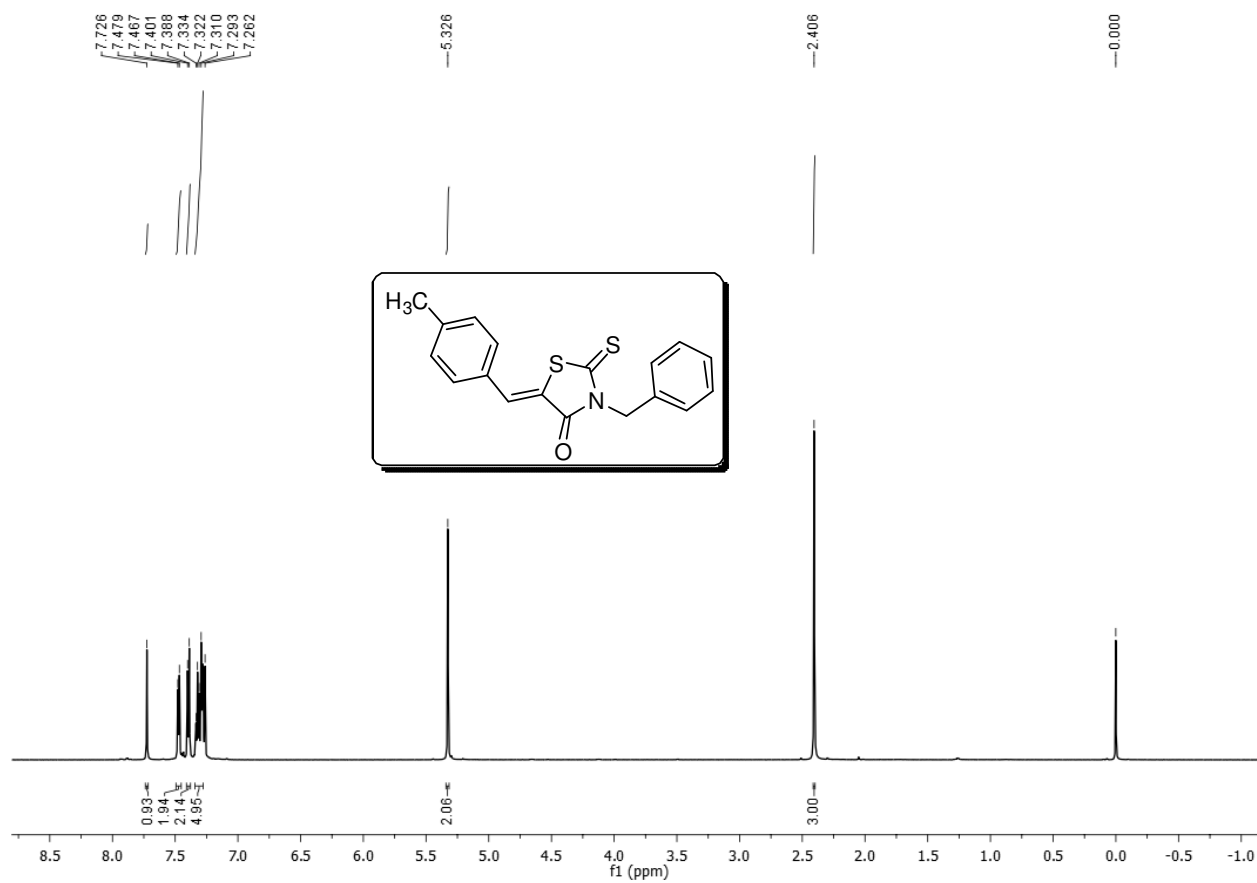
**(Z)-3-benzylidene-2-thioxothiazolidin-4-one (1a):  $^{13}\text{C}$  NMR (150 MHz,  $\text{CDCl}_3$ )**

**(Z)-5-benzylidene-3-methyl-2-thioxothiazolidin-4-one (1b):  $^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ )**

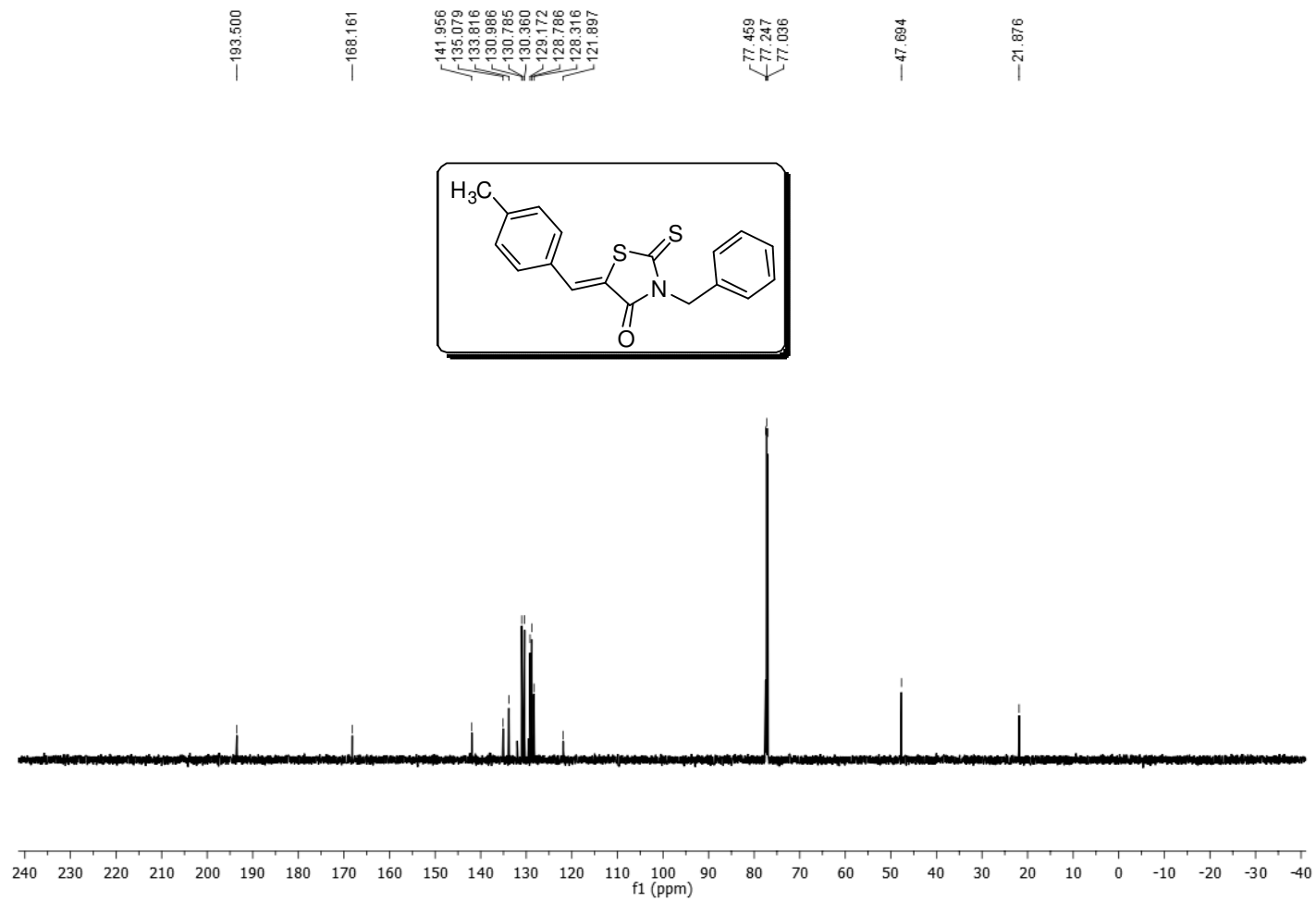
**(Z)-5-benzylidene-3-methyl-2-thioxothiazolidin-4-one (1b):  $^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ )**

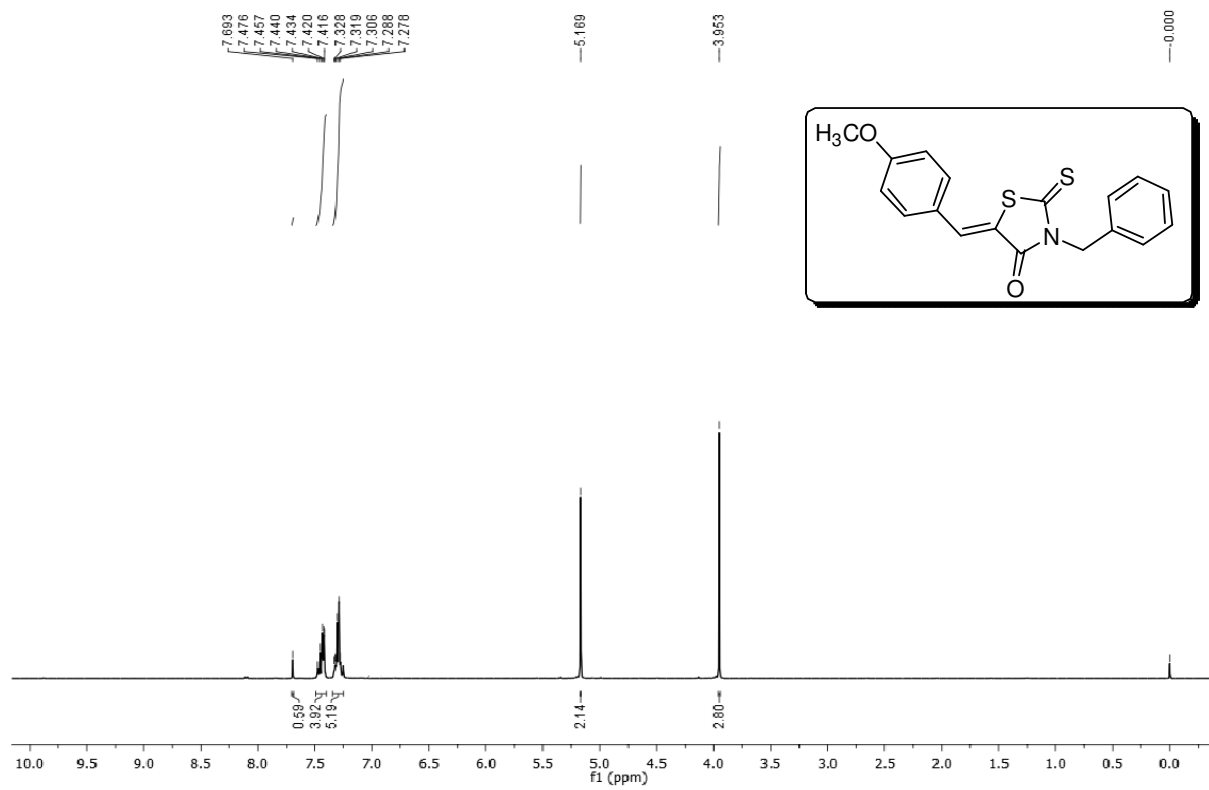
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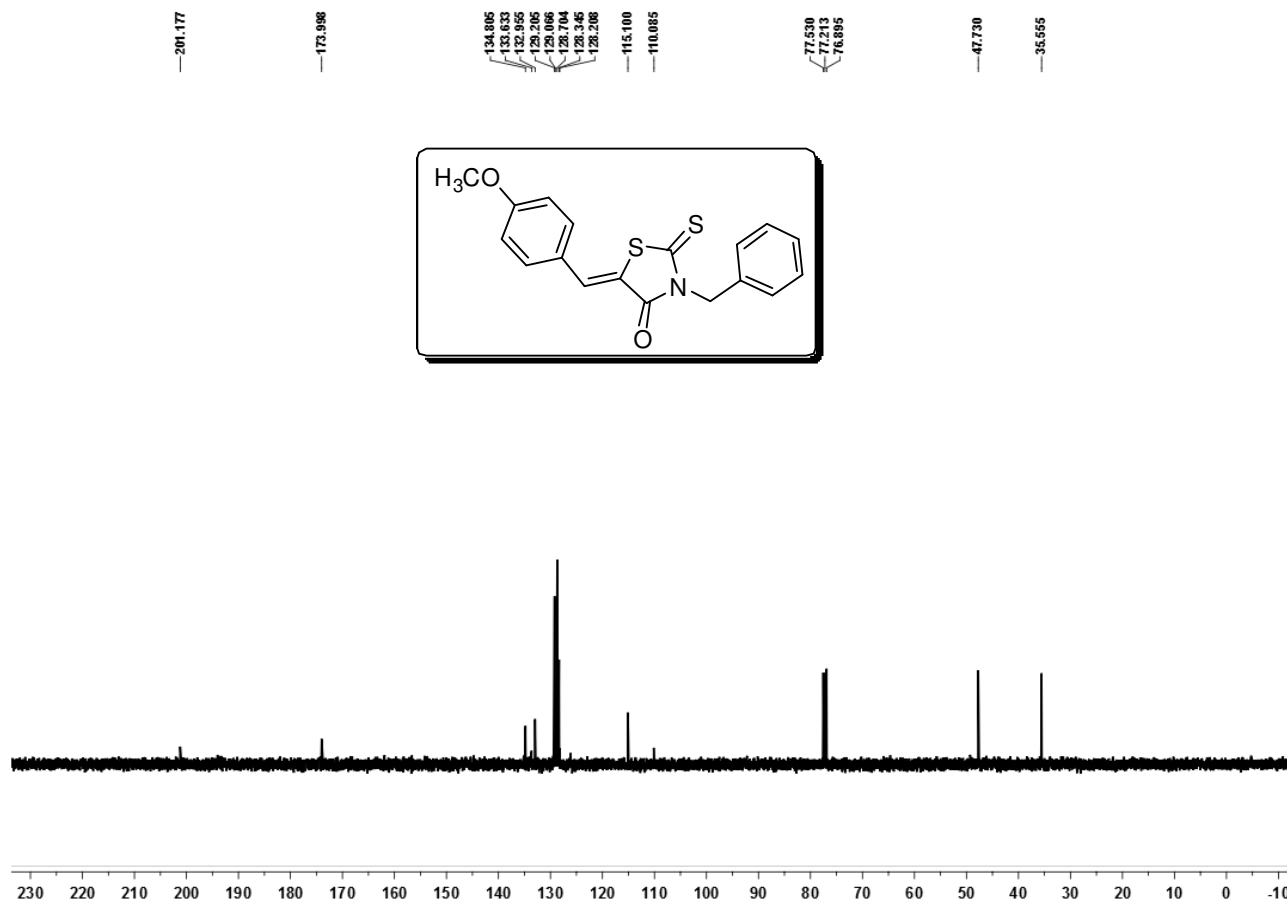
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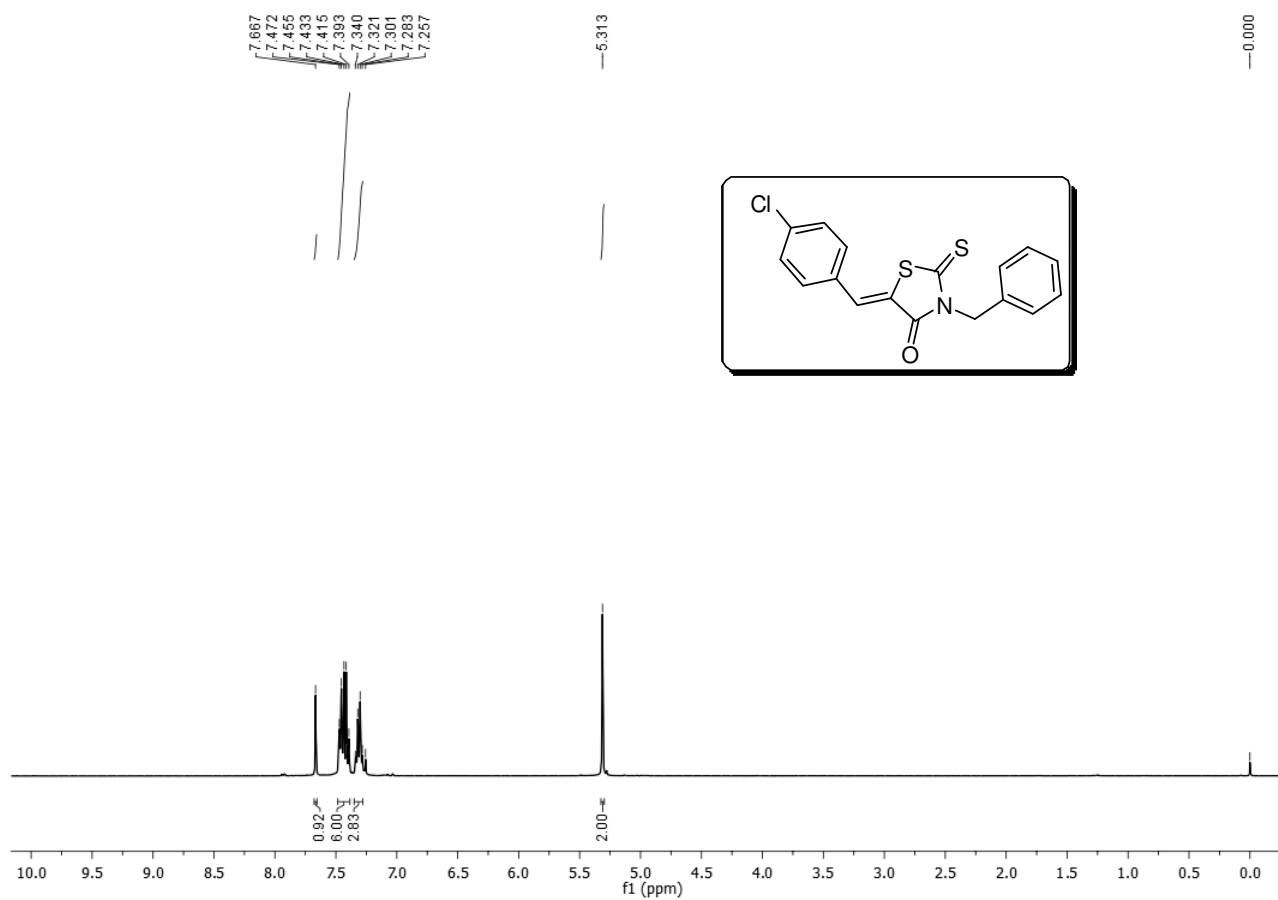
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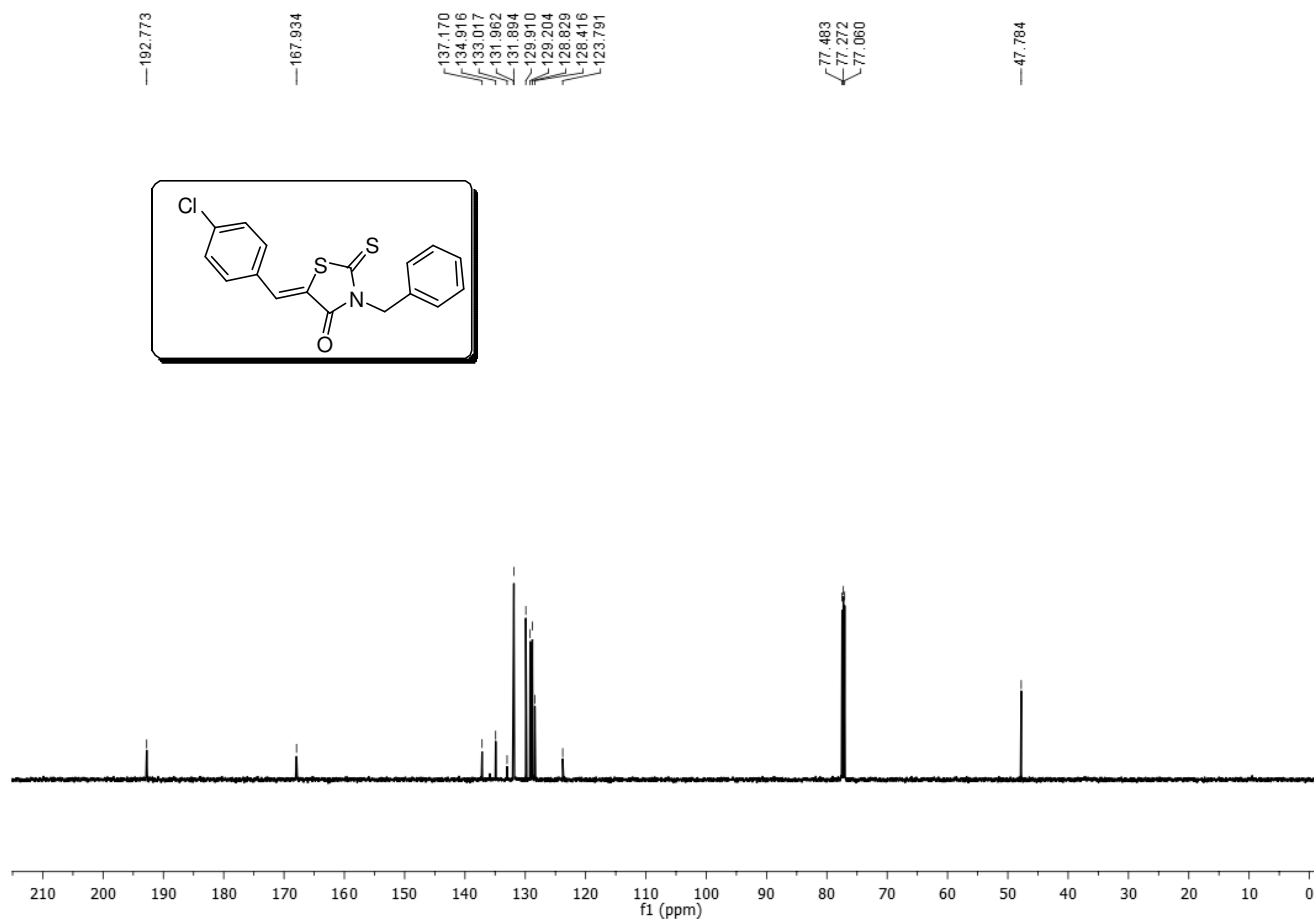


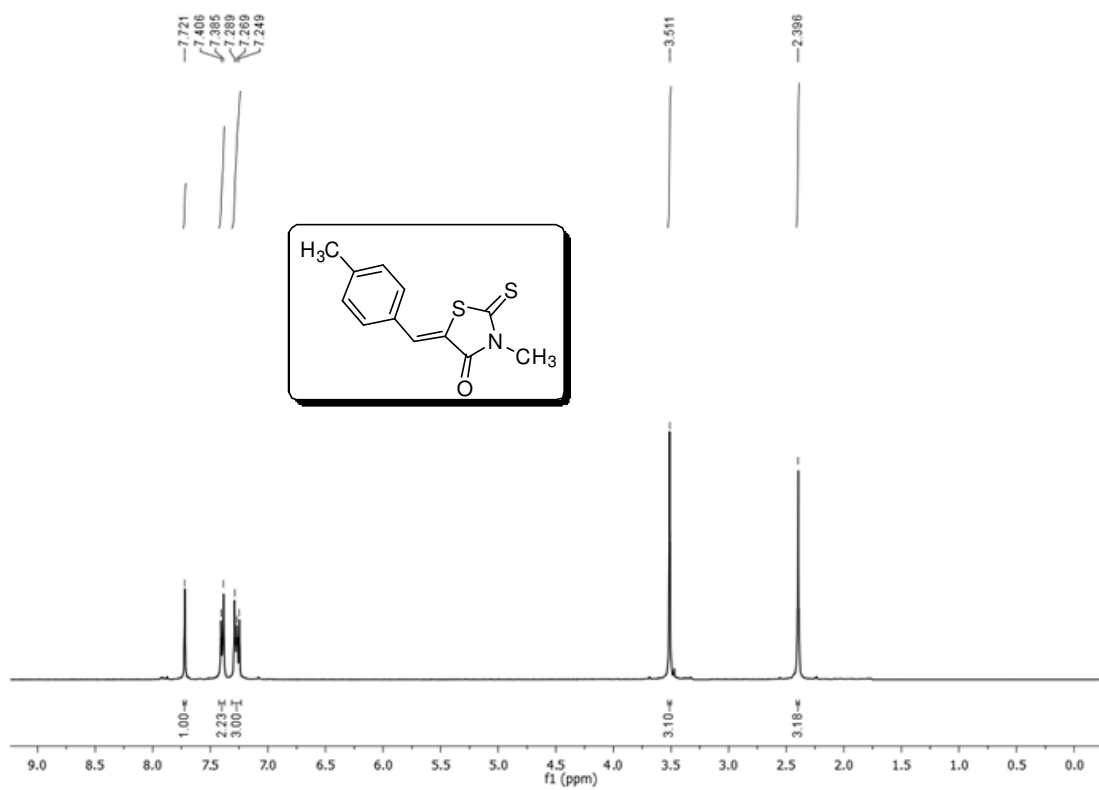
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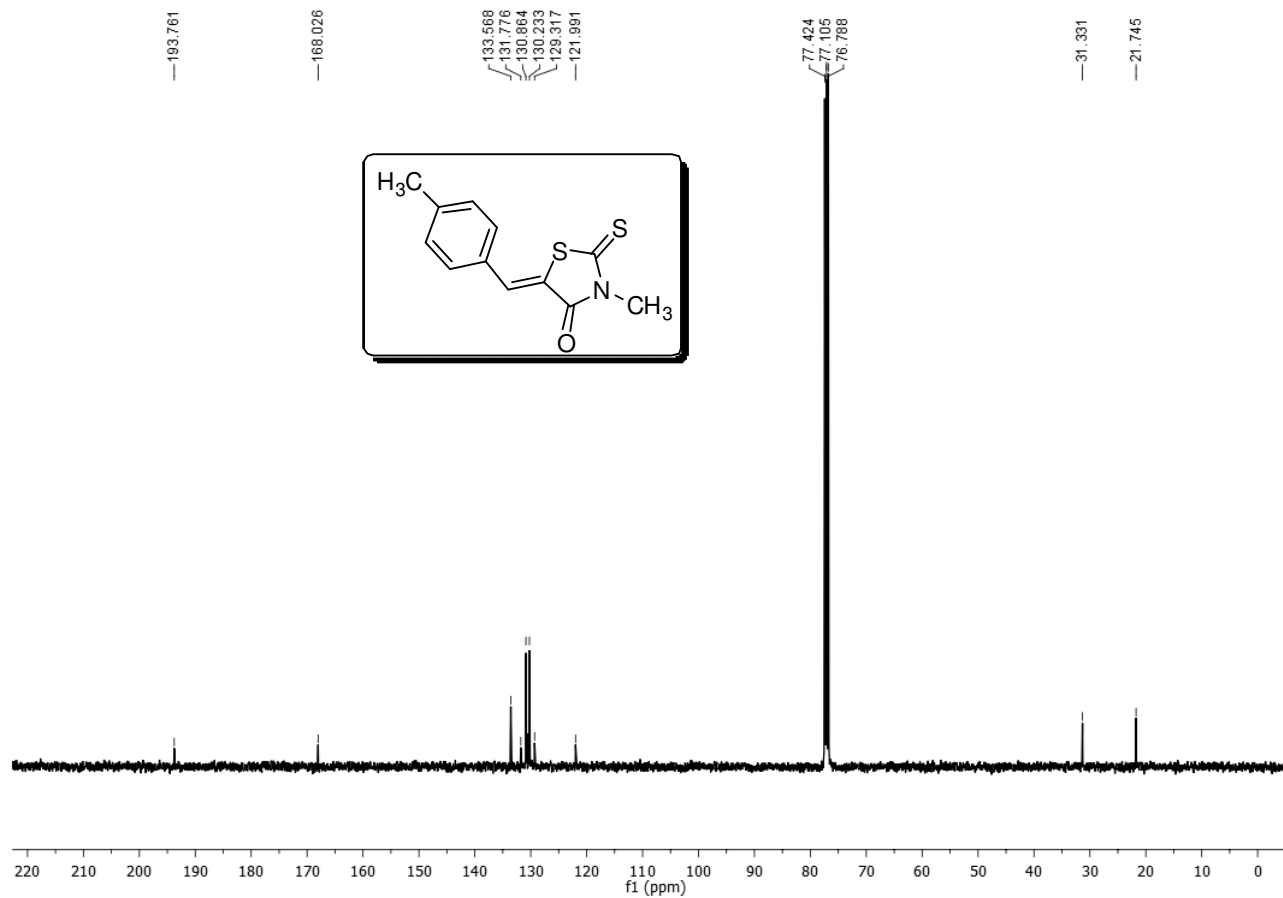
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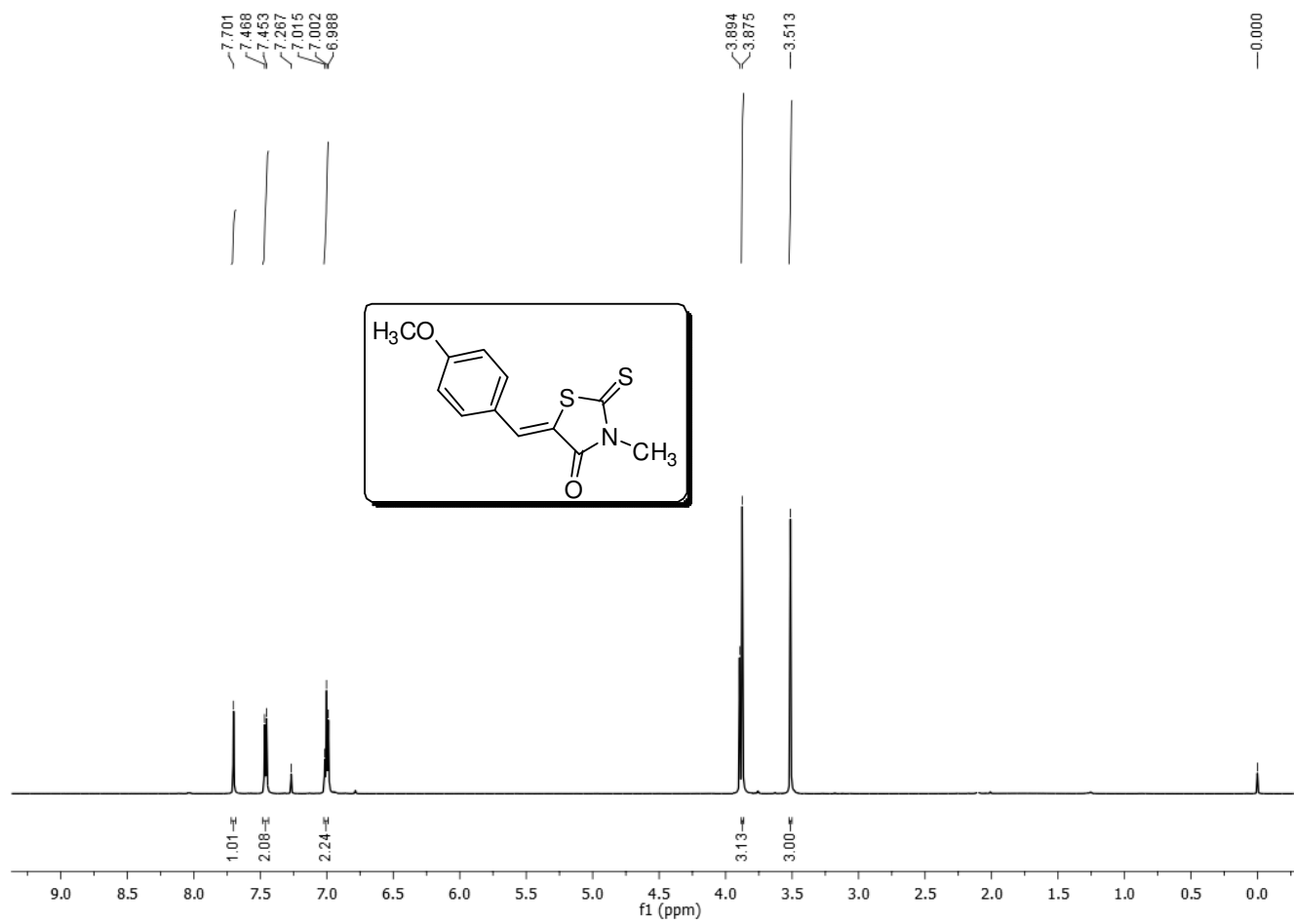
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**(Z)-3-benzyl-5-(4-chlorobenzylidene)-2-thioxothiazolidin-4-one (1f): <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>)**

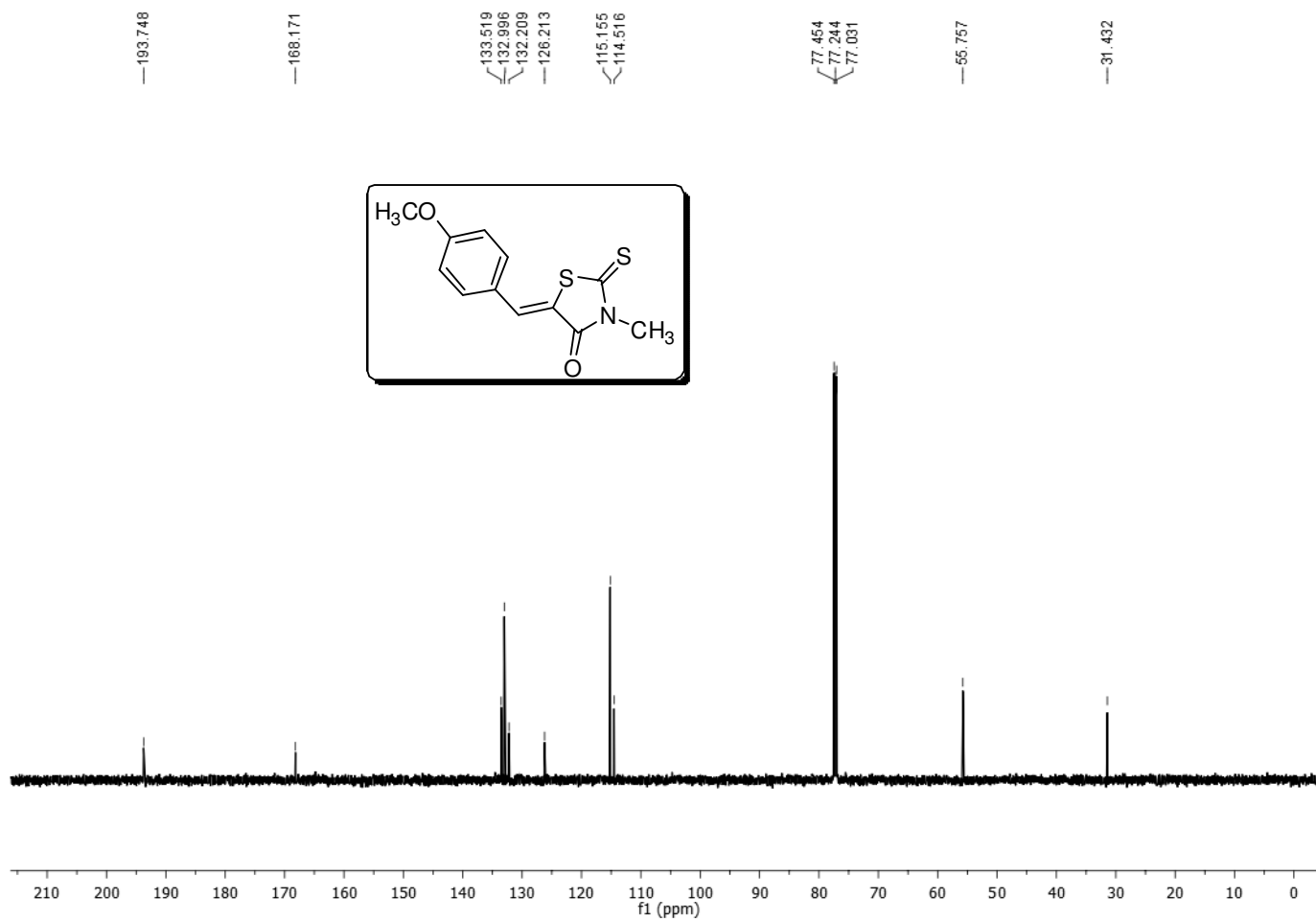
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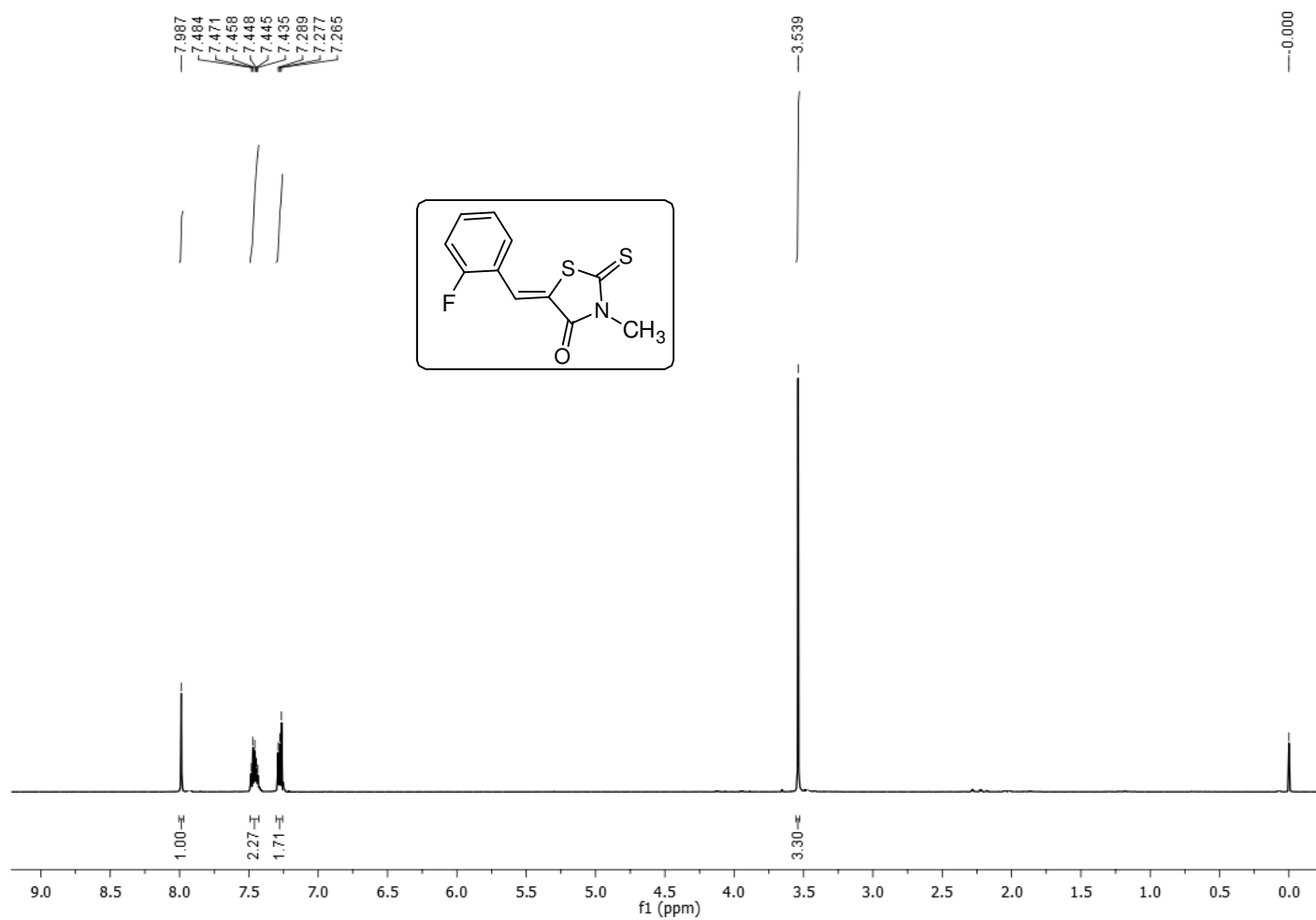
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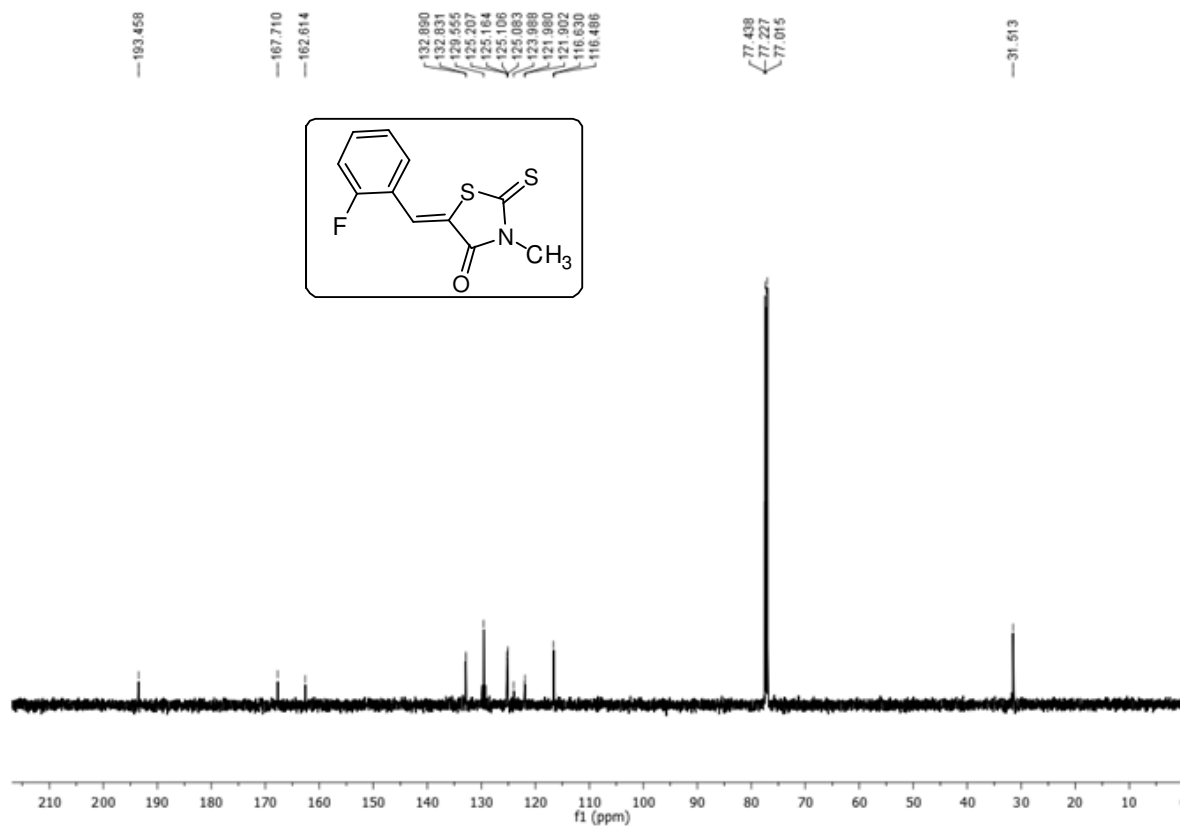
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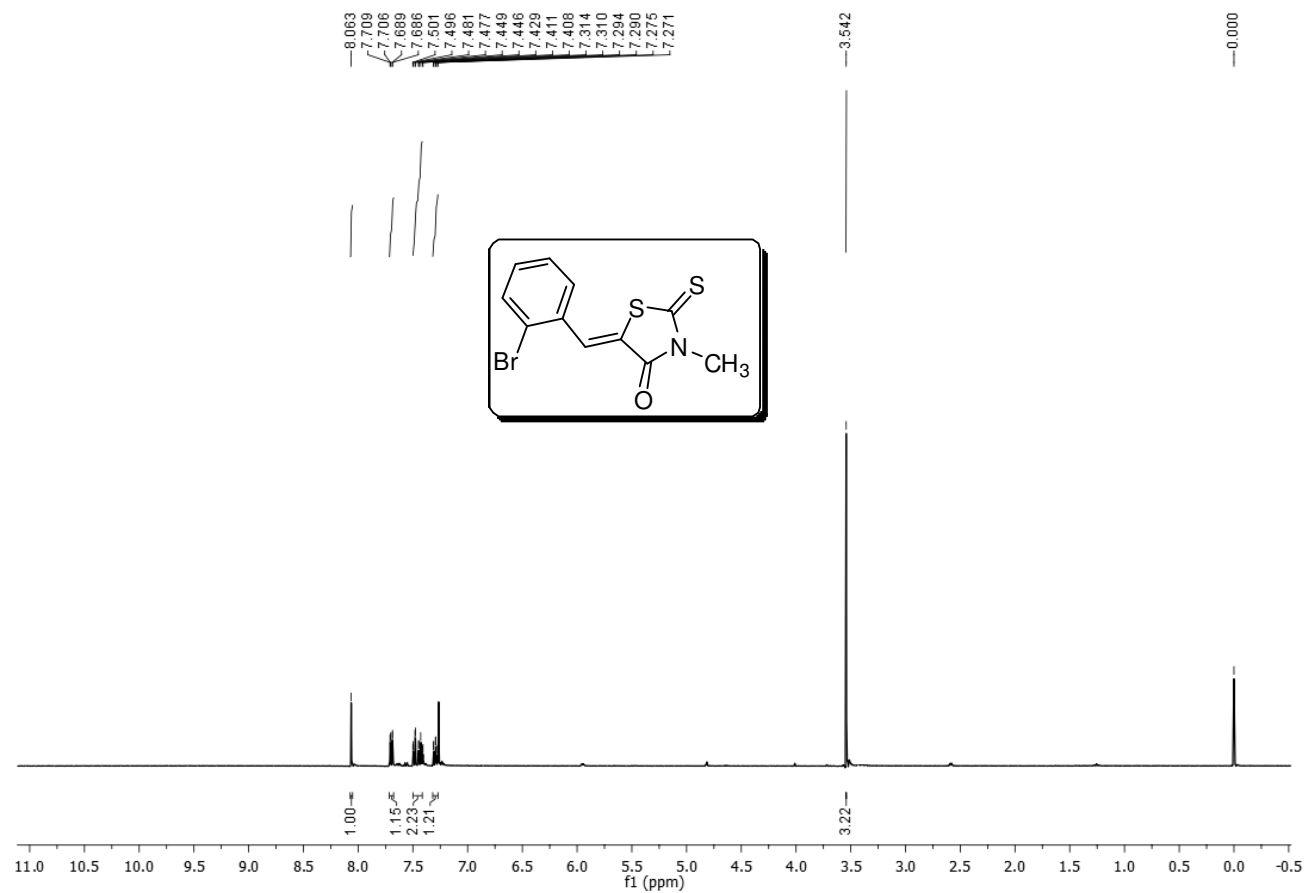
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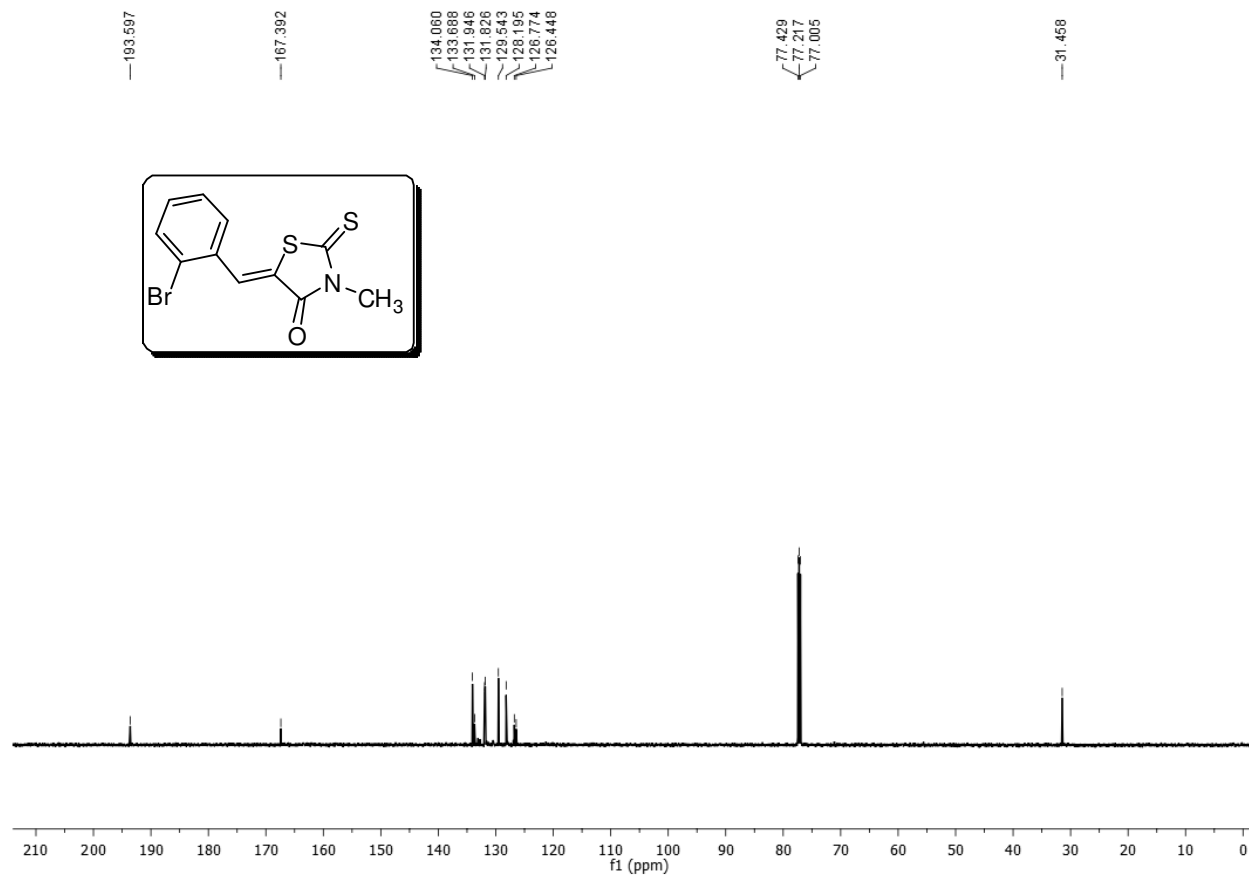


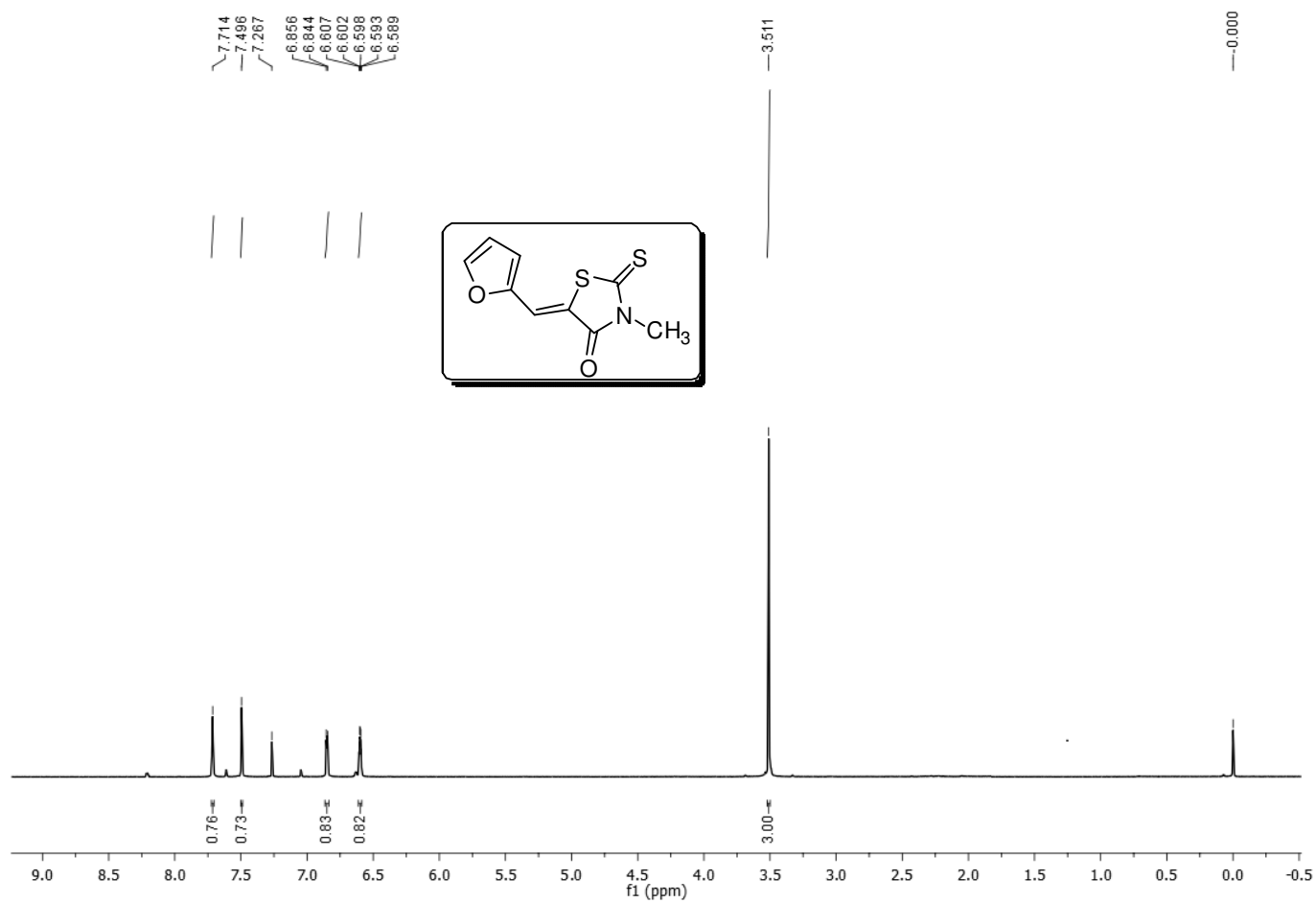
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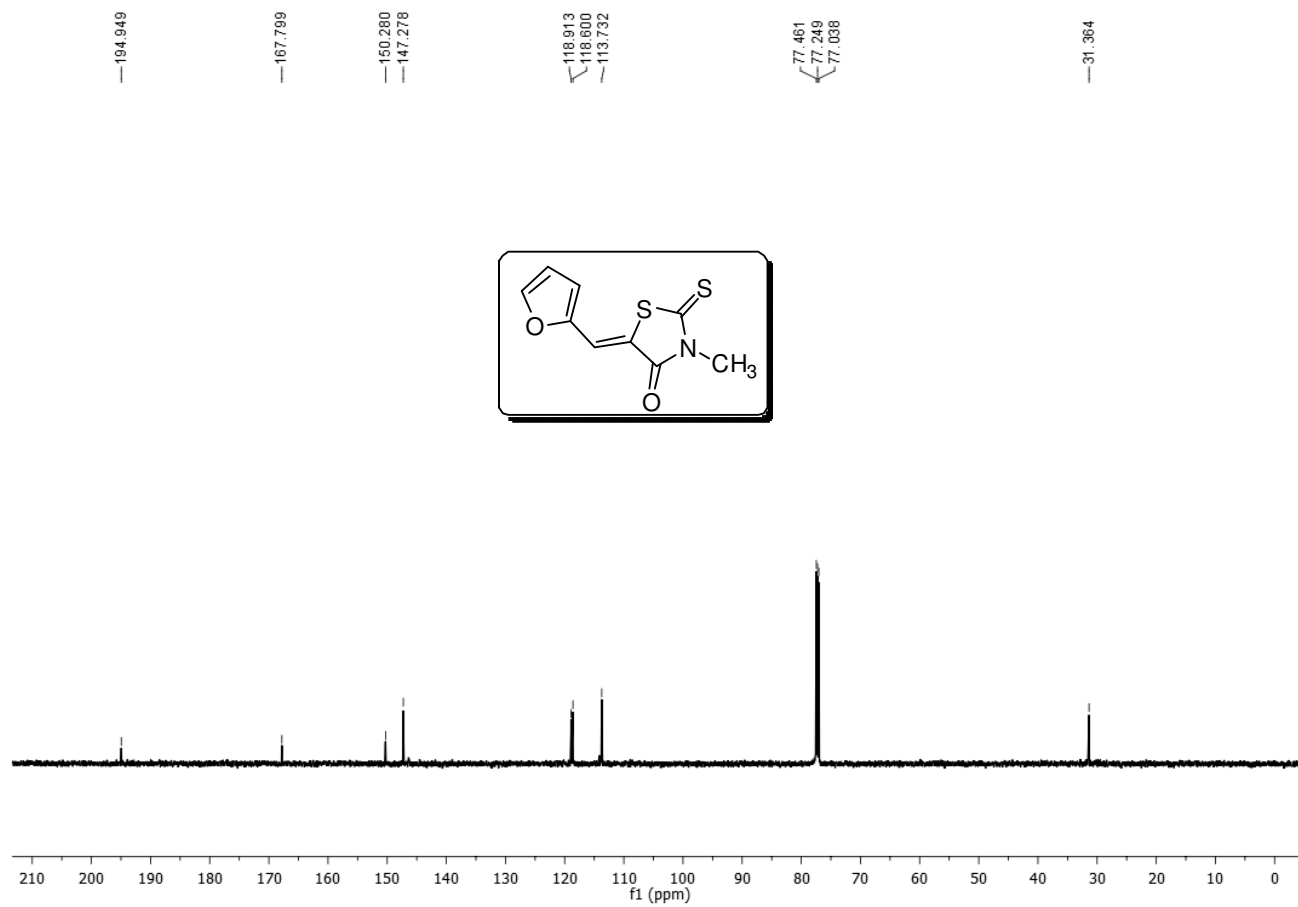
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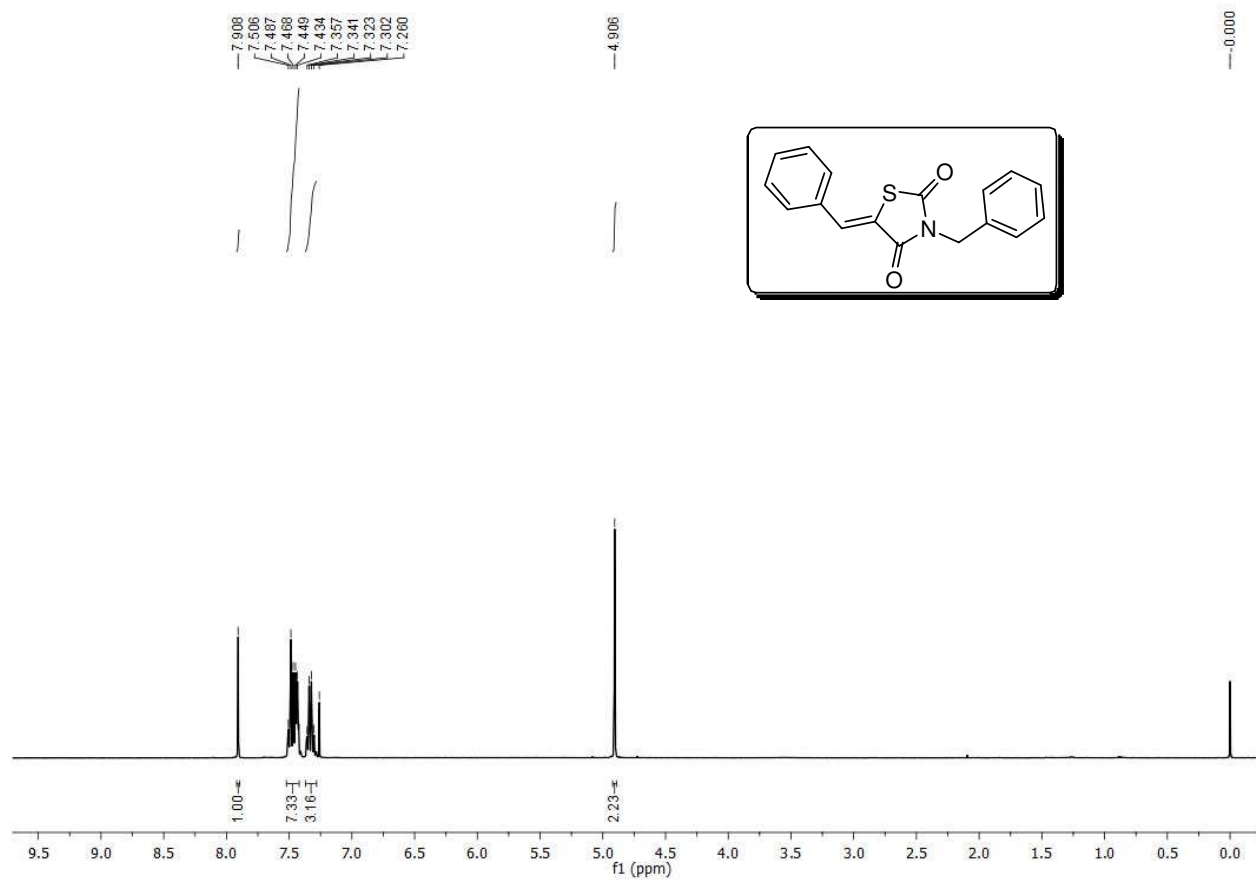
**(Z)-5-(2-fluorobenzylidene)-3-methyl-2-thioxothiazolidin-4-one (1i):  $^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ )**

**(Z)-5-(2-bromobenzylidene)-3-methyl-2-thioxothiazolidin-4-one (1j):  $^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ )**

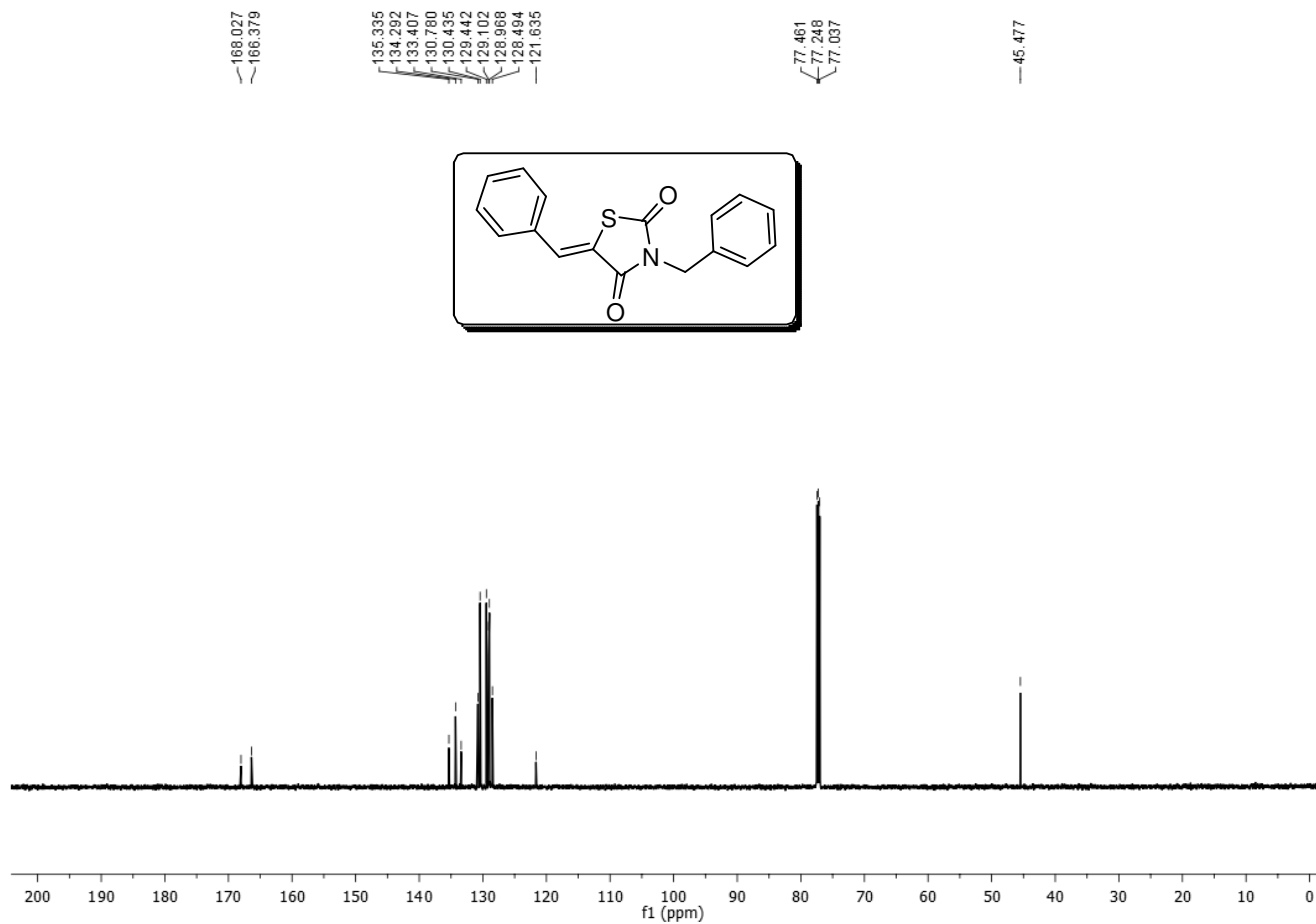
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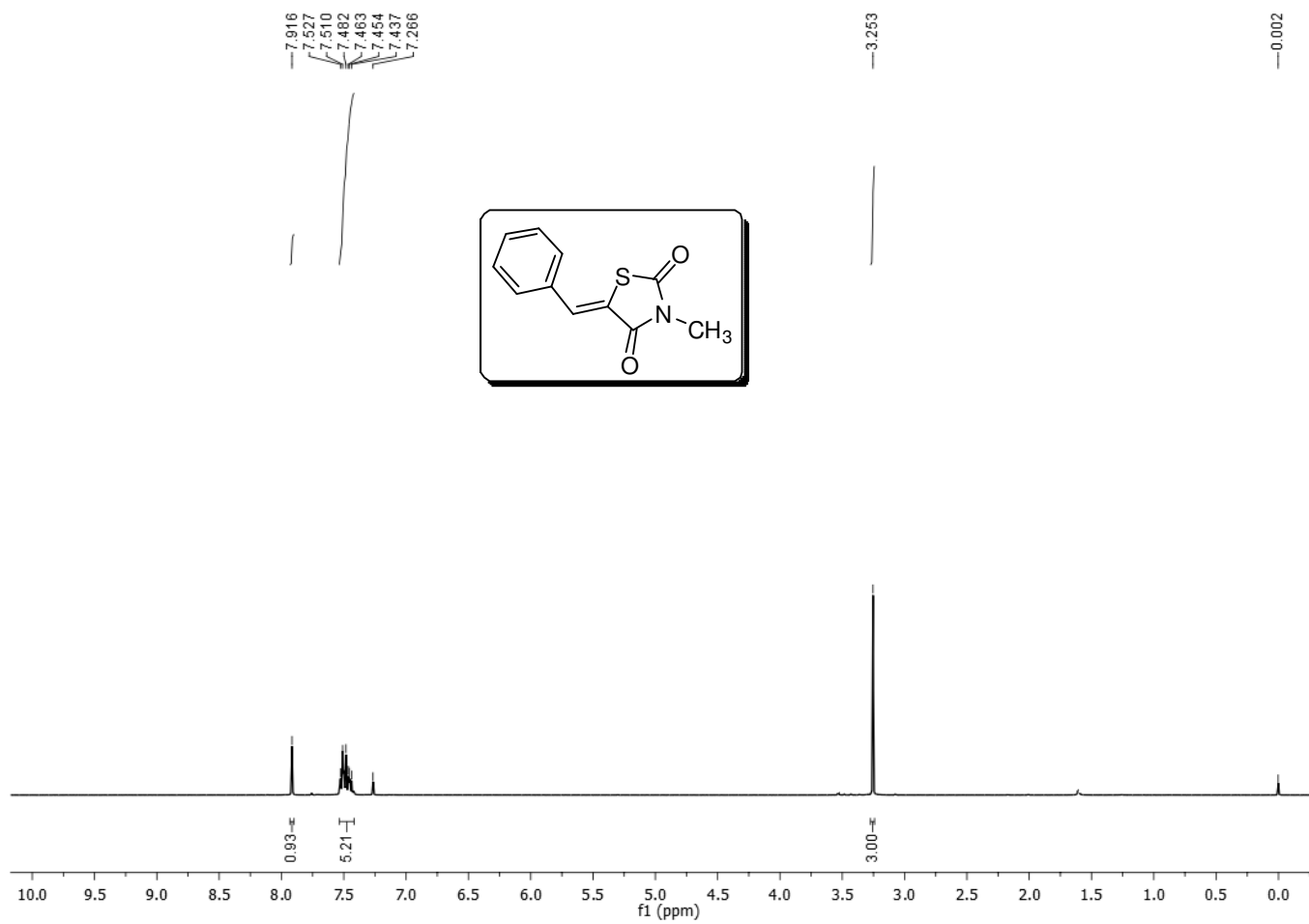
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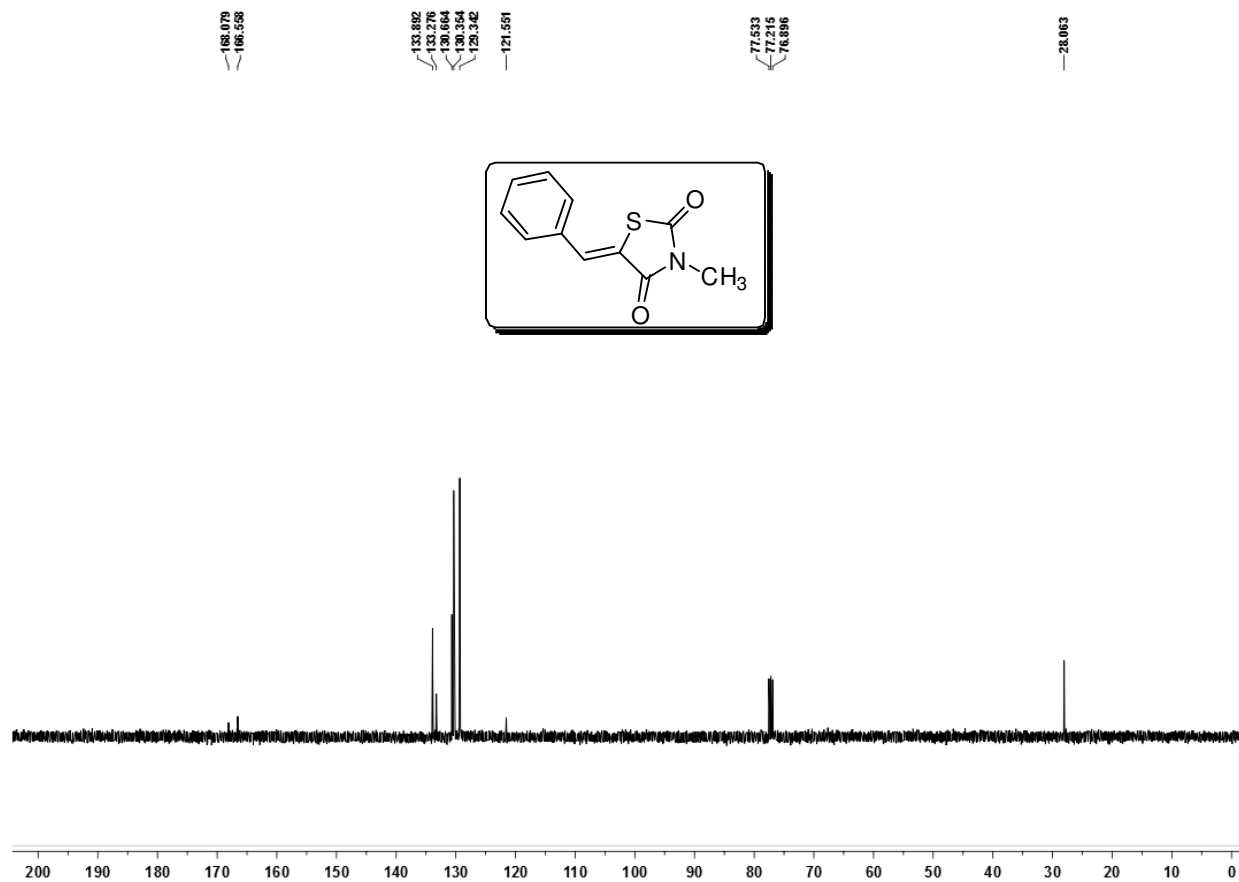
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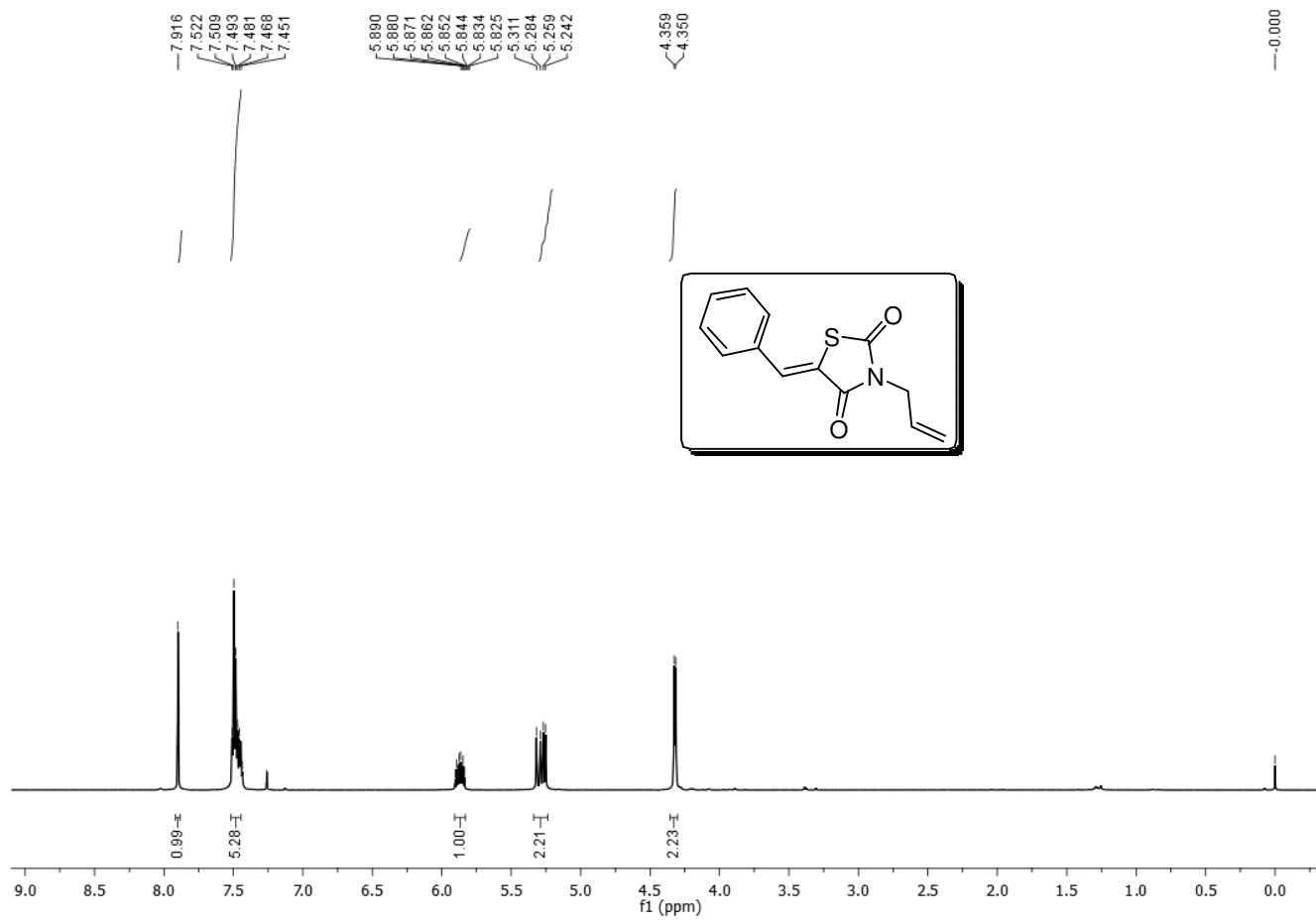
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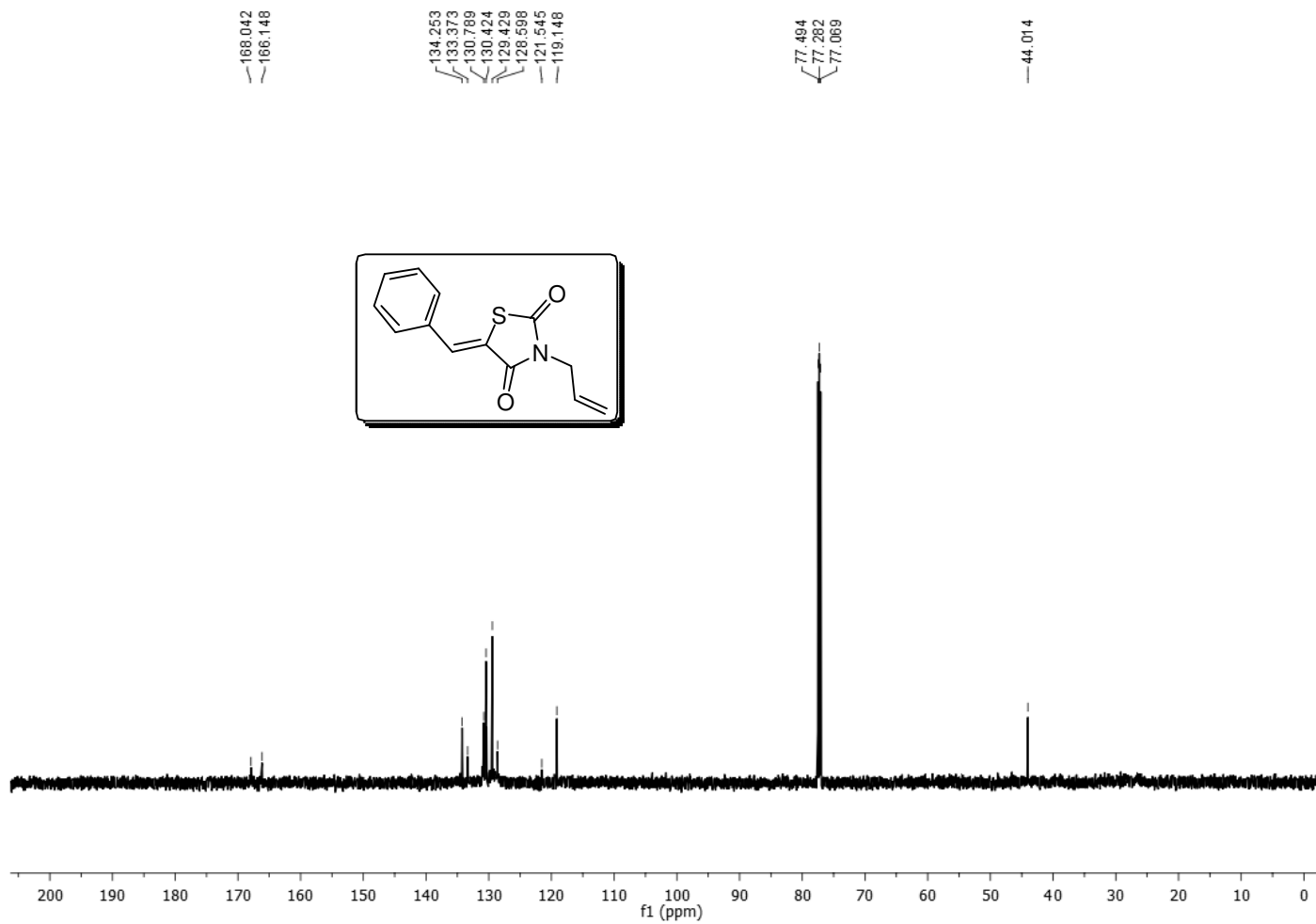


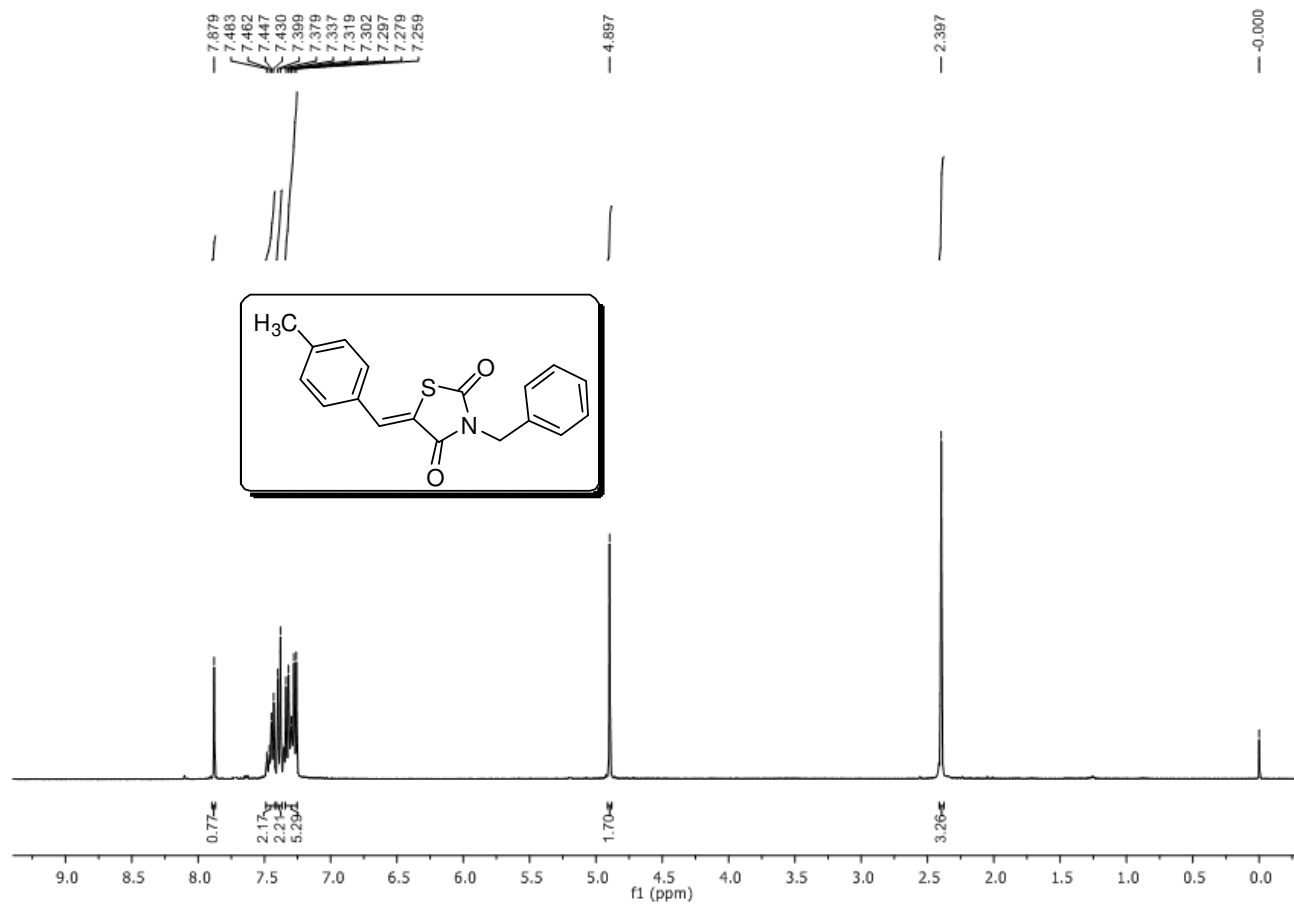
**(Z)-3-benzyl-5-benzylidenethiazolidine-2,4-dione (2a):  $^{13}\text{C}$  NMR (150 MHz,  $\text{CDCl}_3$ )**

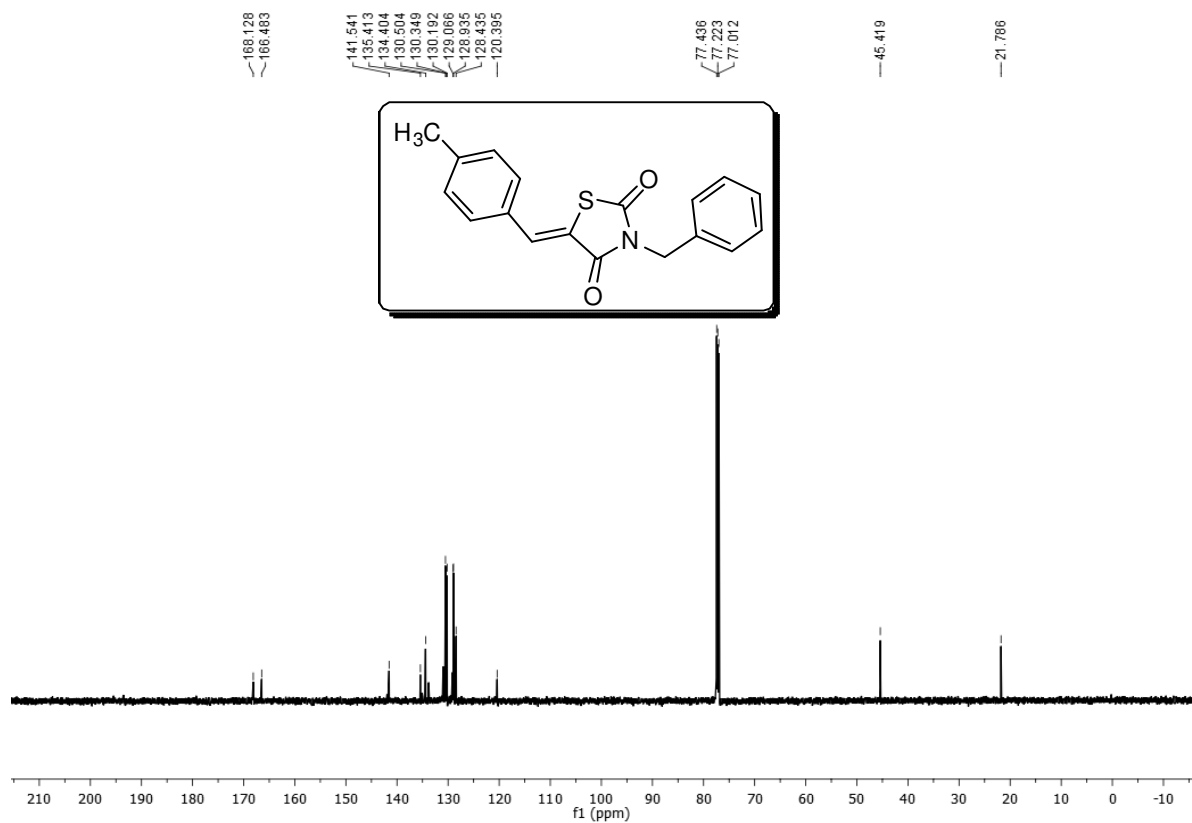
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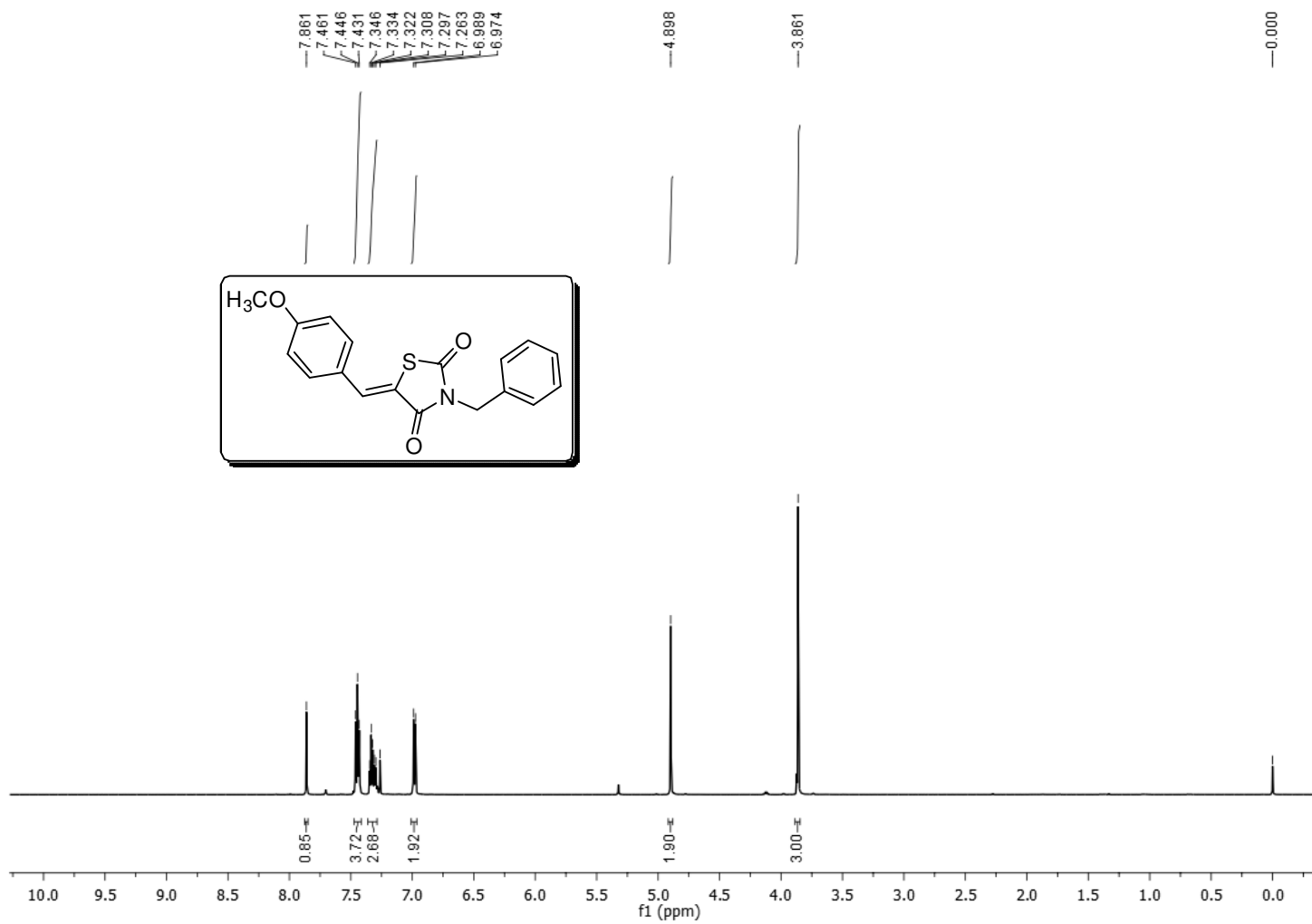
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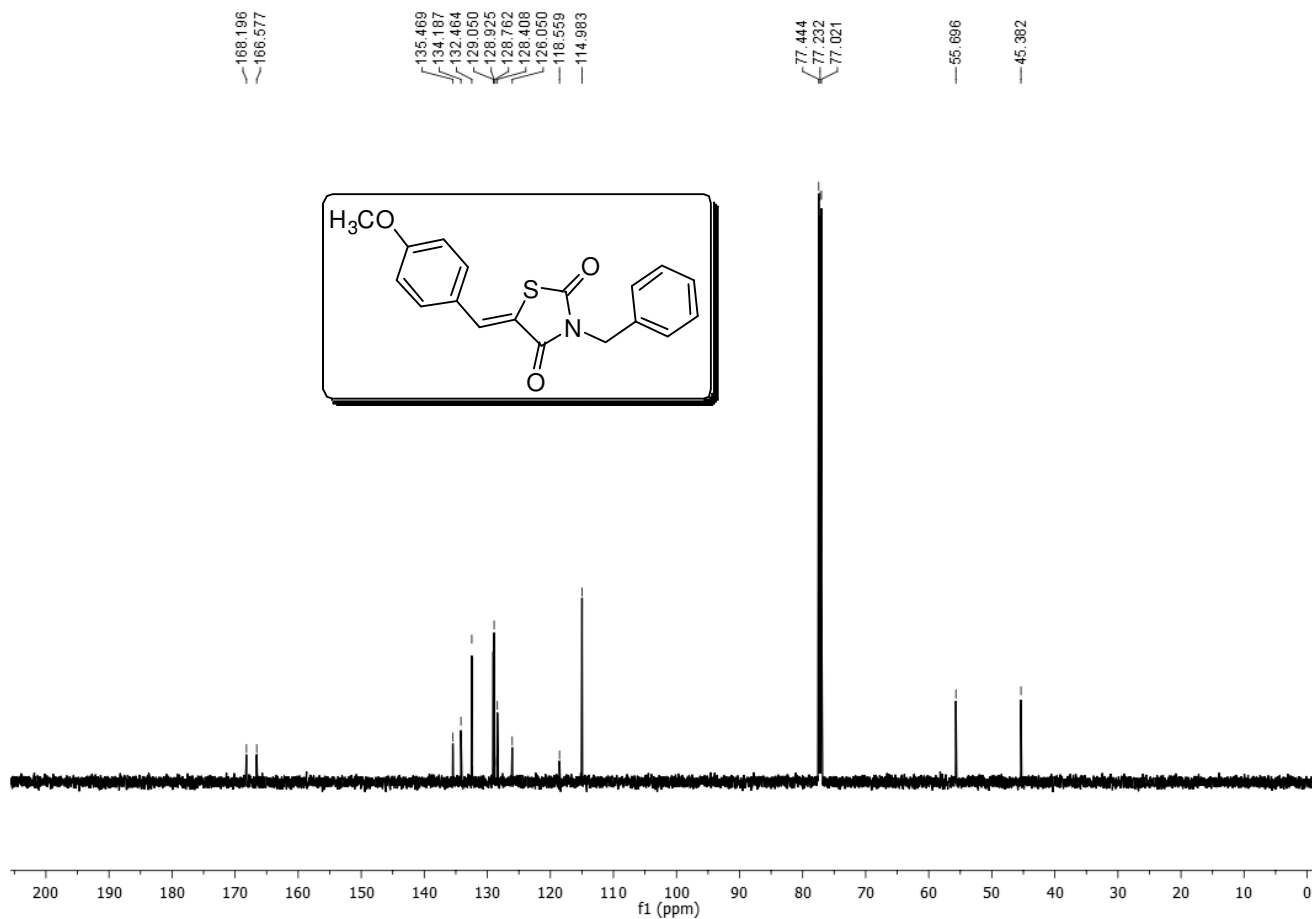
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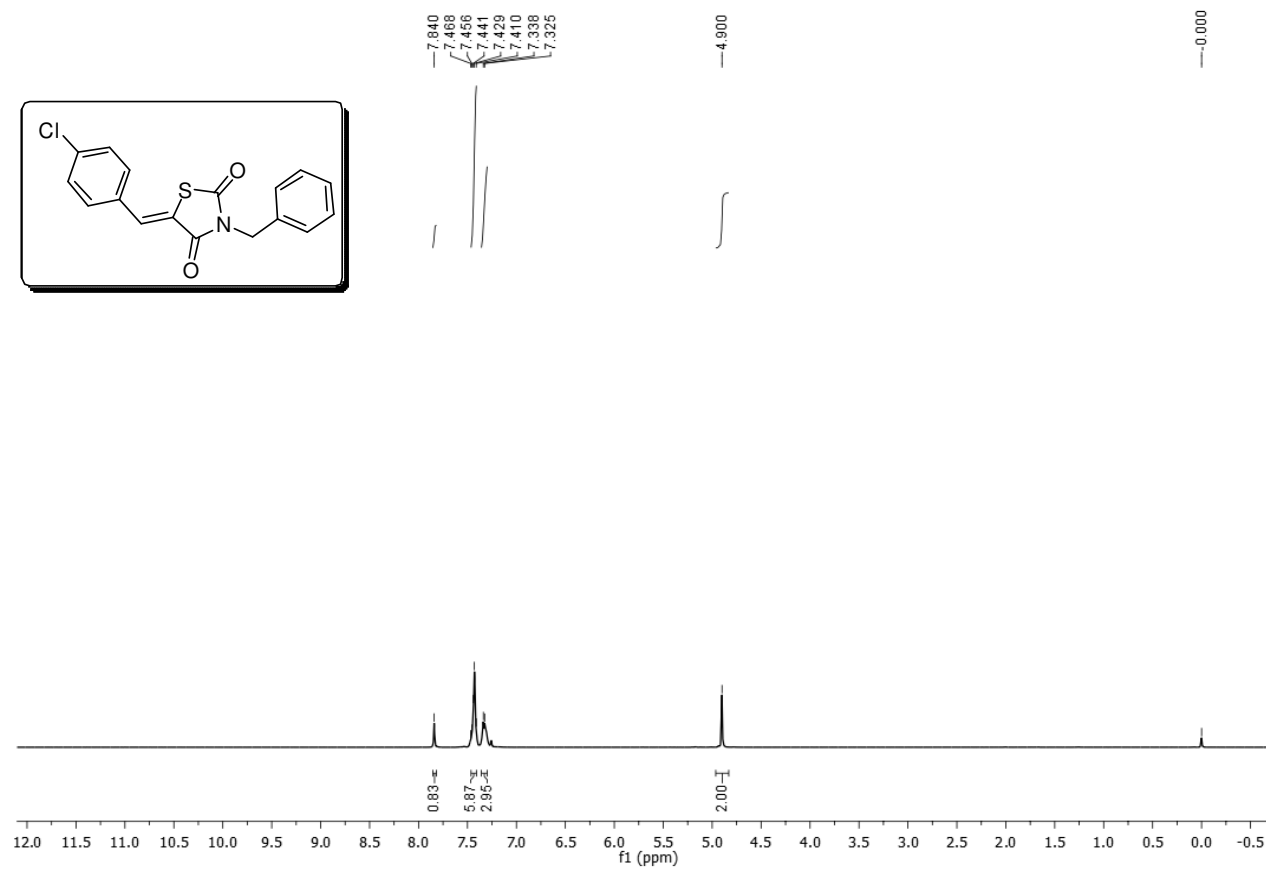
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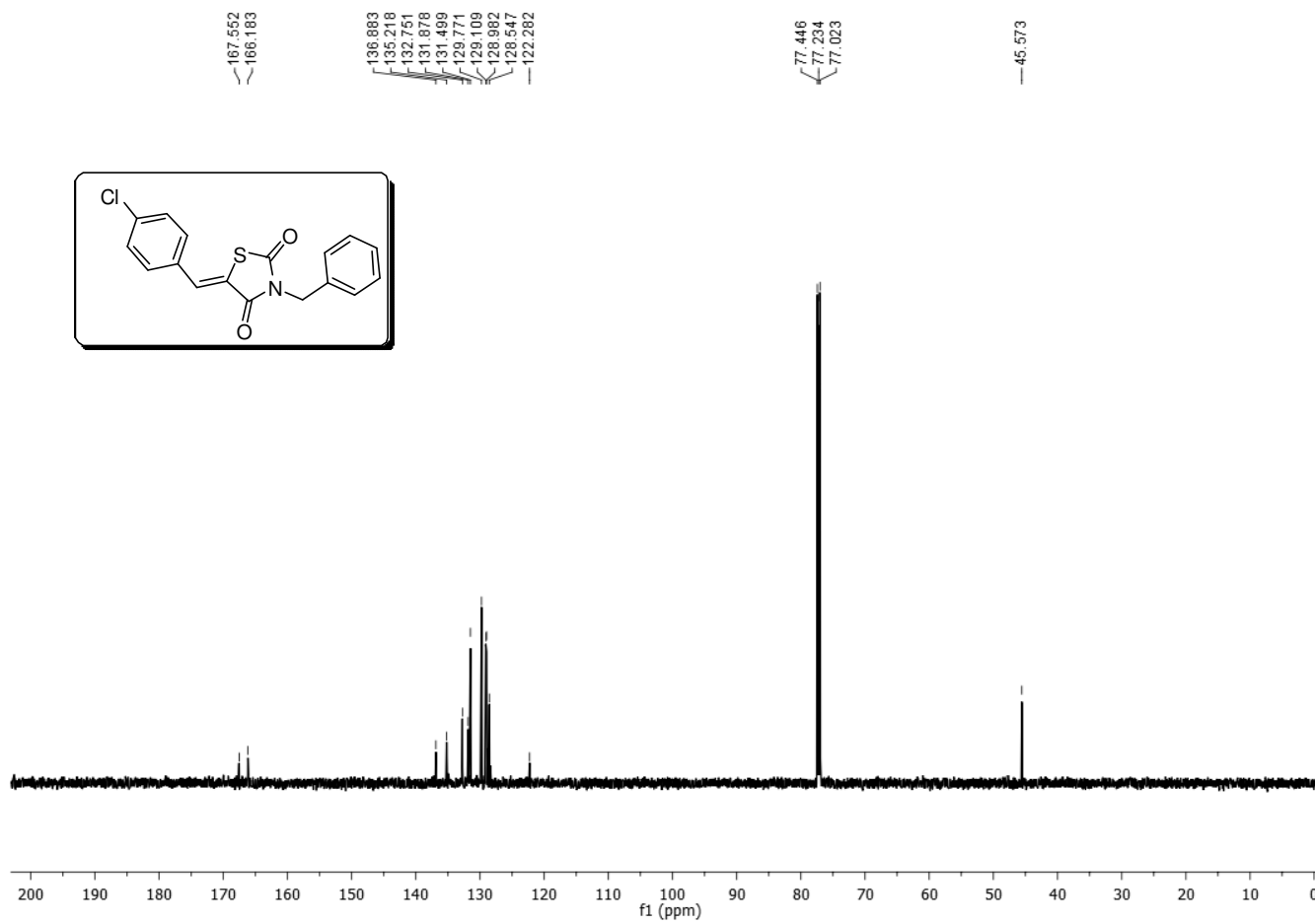
**(Z)-3-menzyl-5-(4-methylbenzylidene)thiazolidine-2,4-dione (2d):  $^{13}\text{C}$  NMR (150 MHz,  $\text{CDCl}_3$ )**

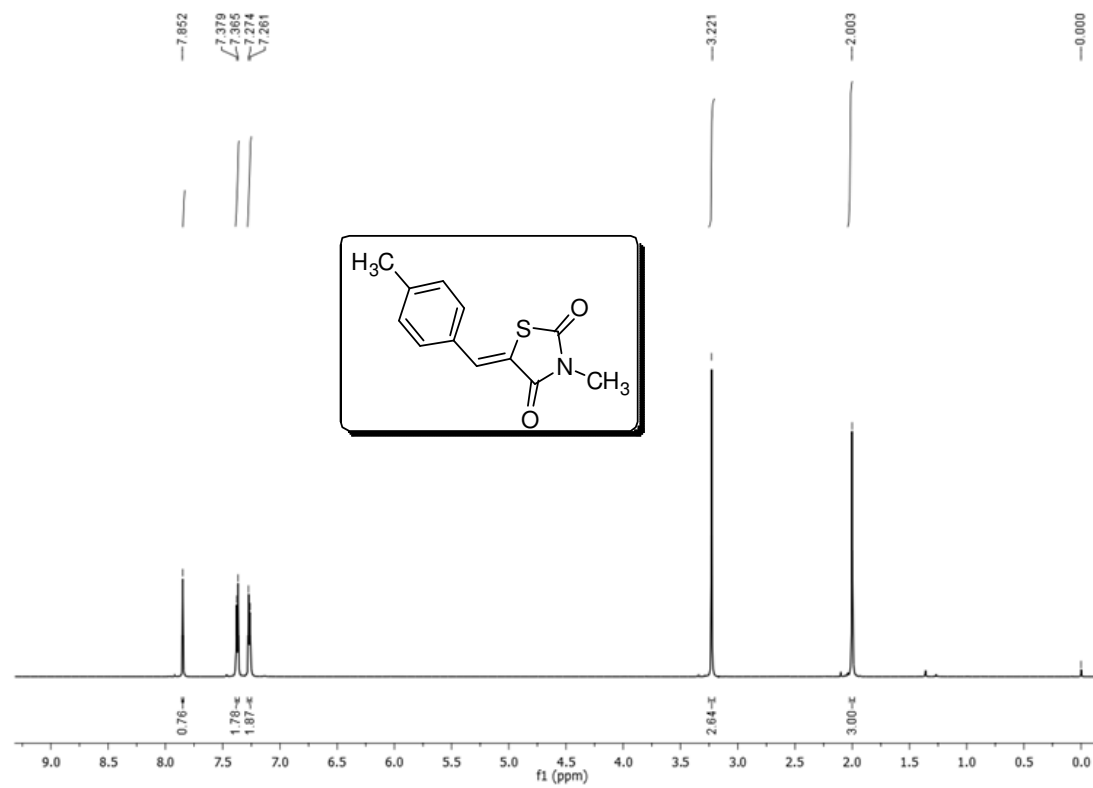
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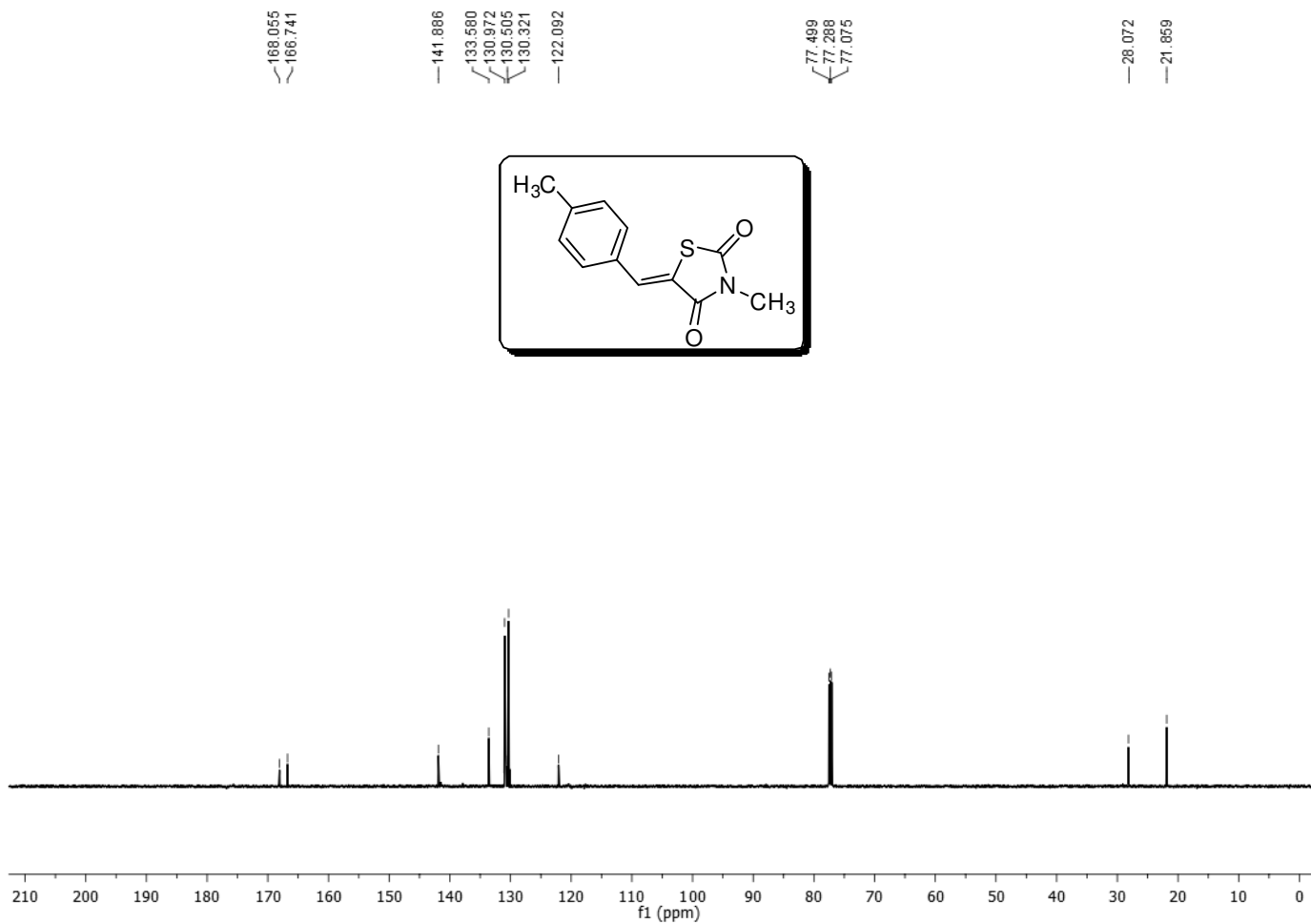


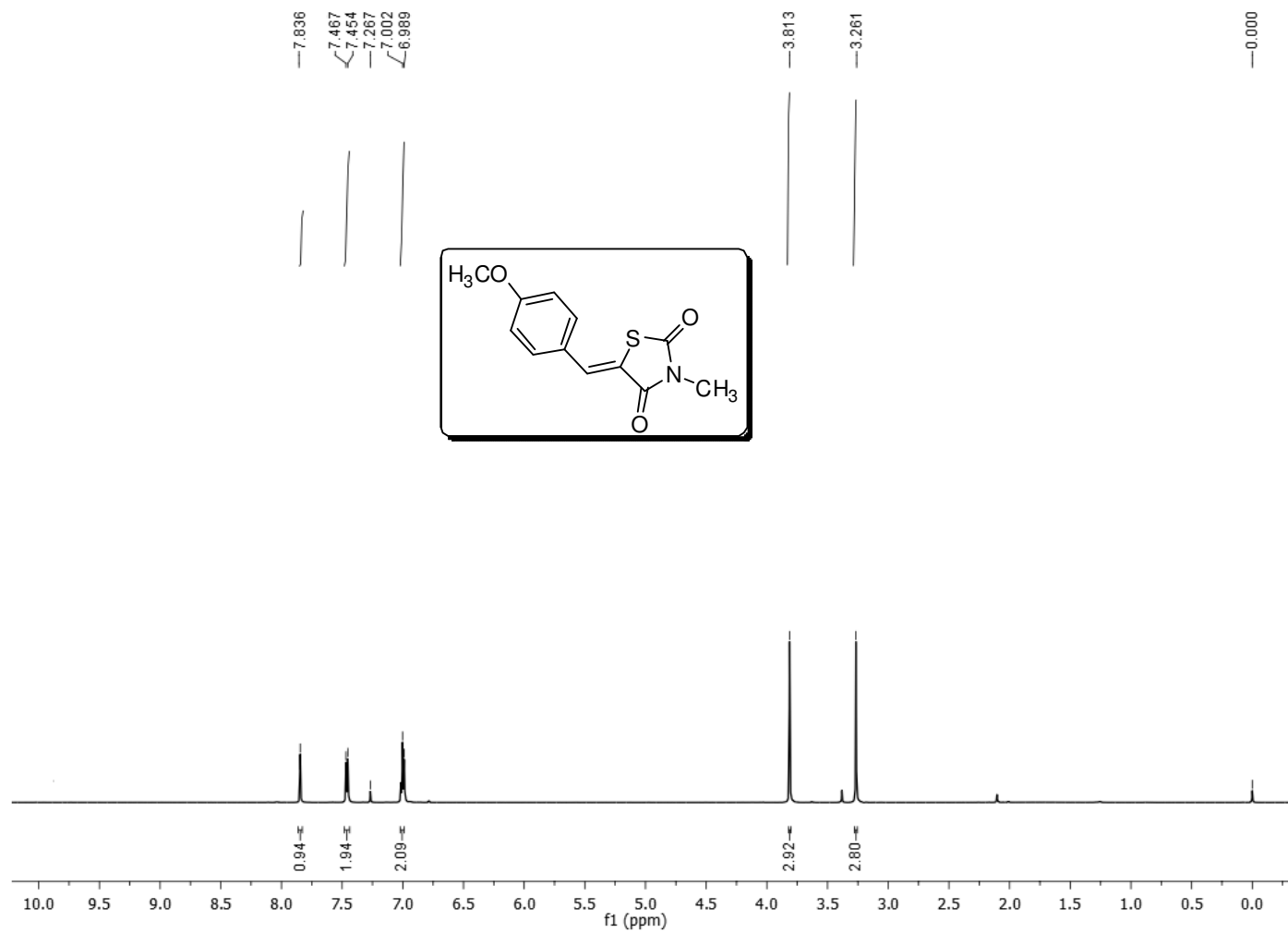
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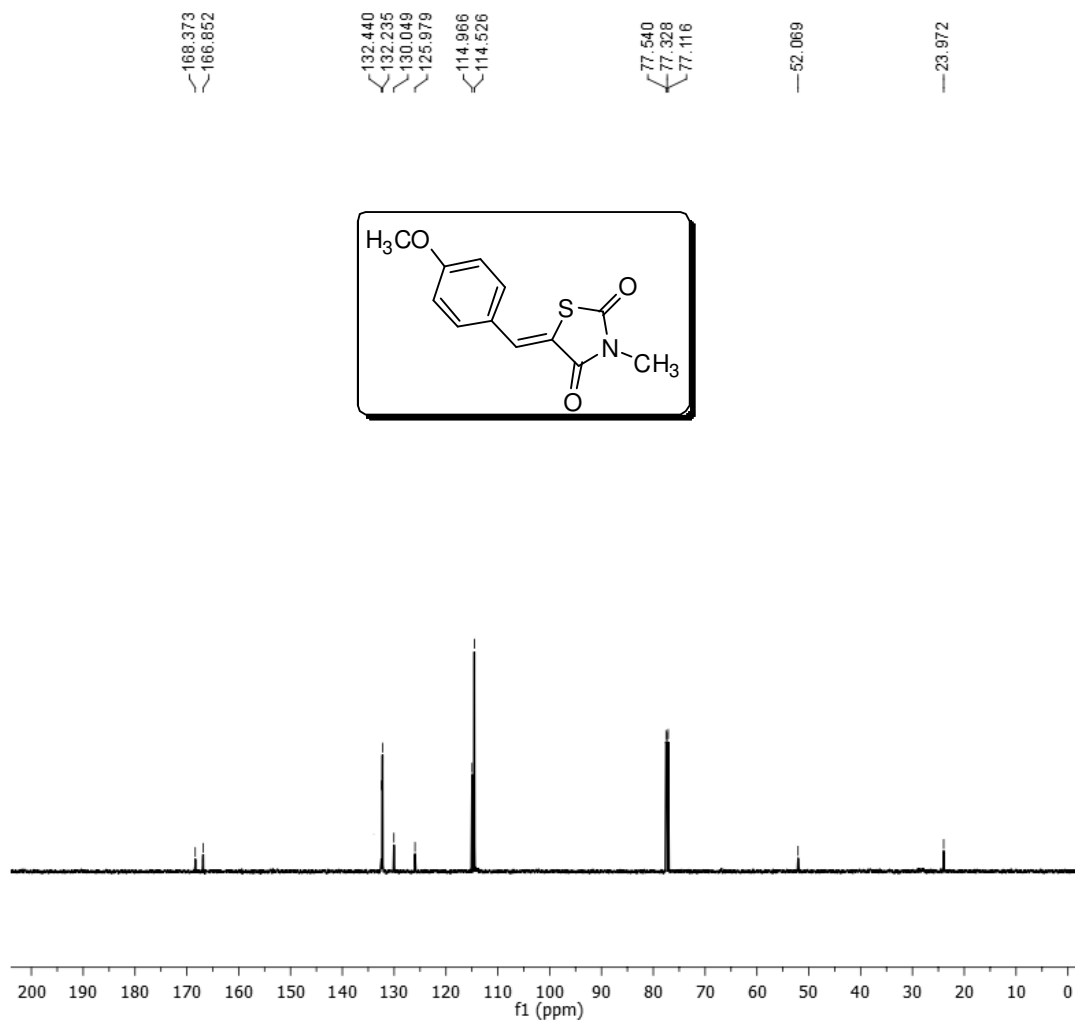
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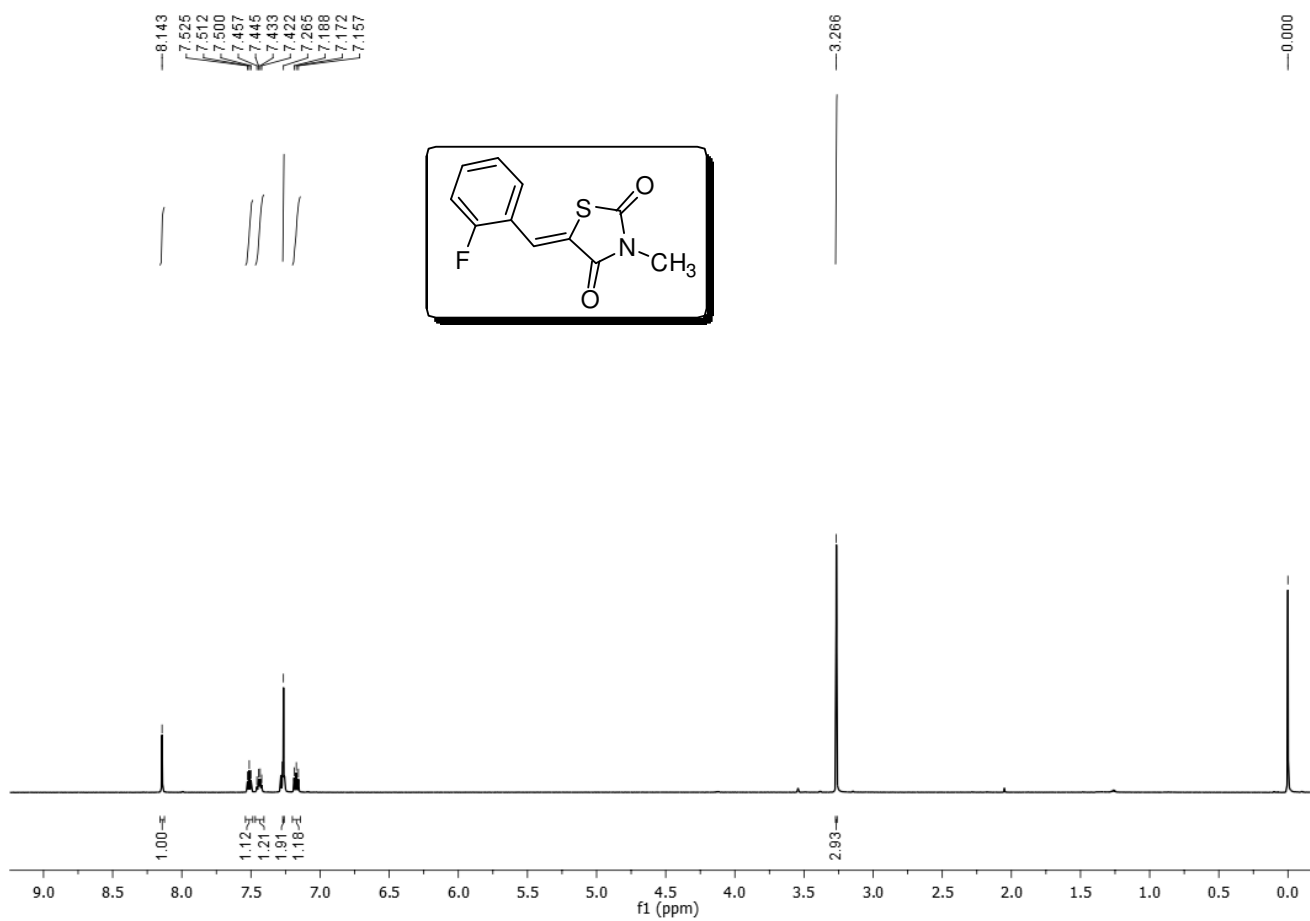
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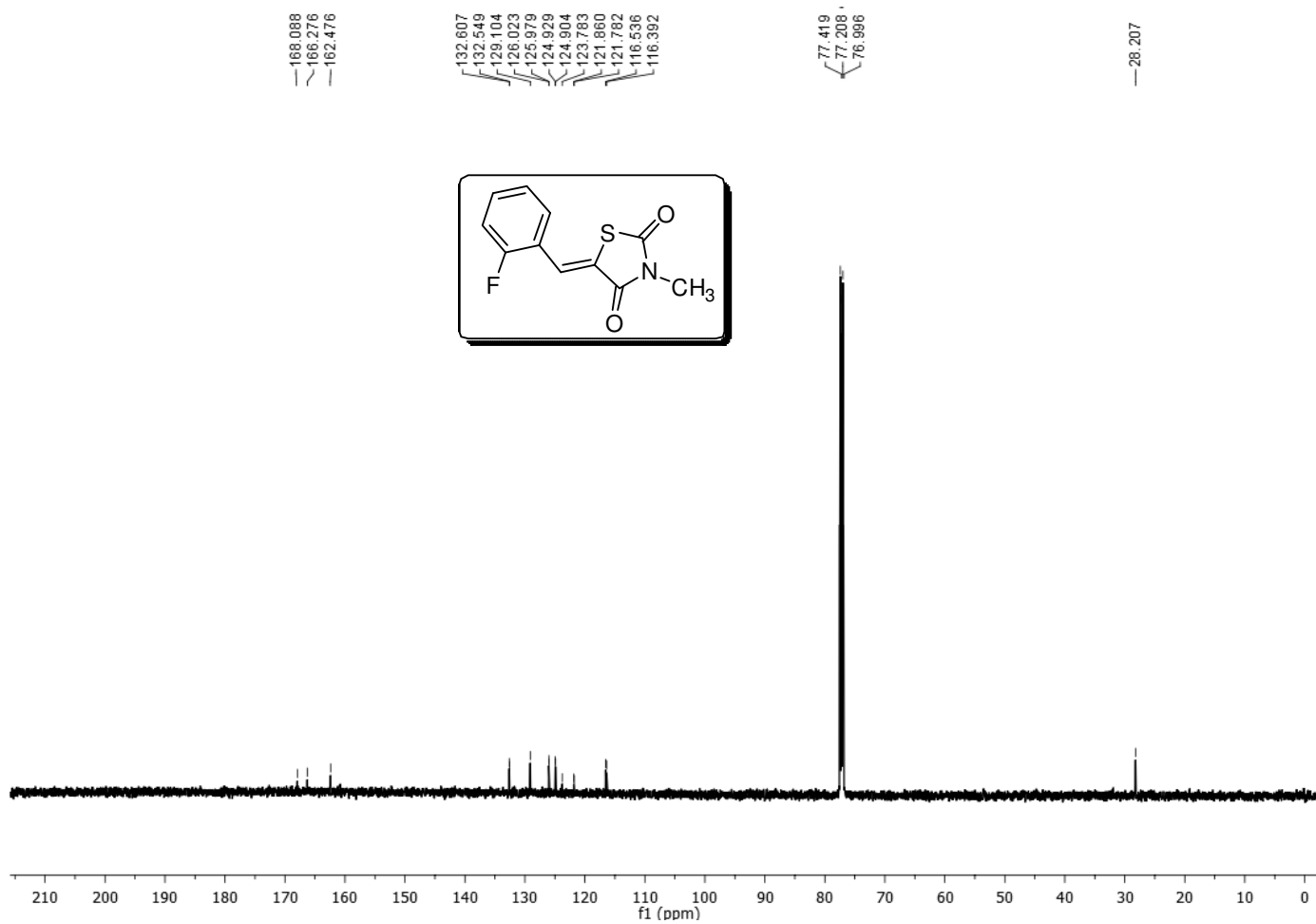
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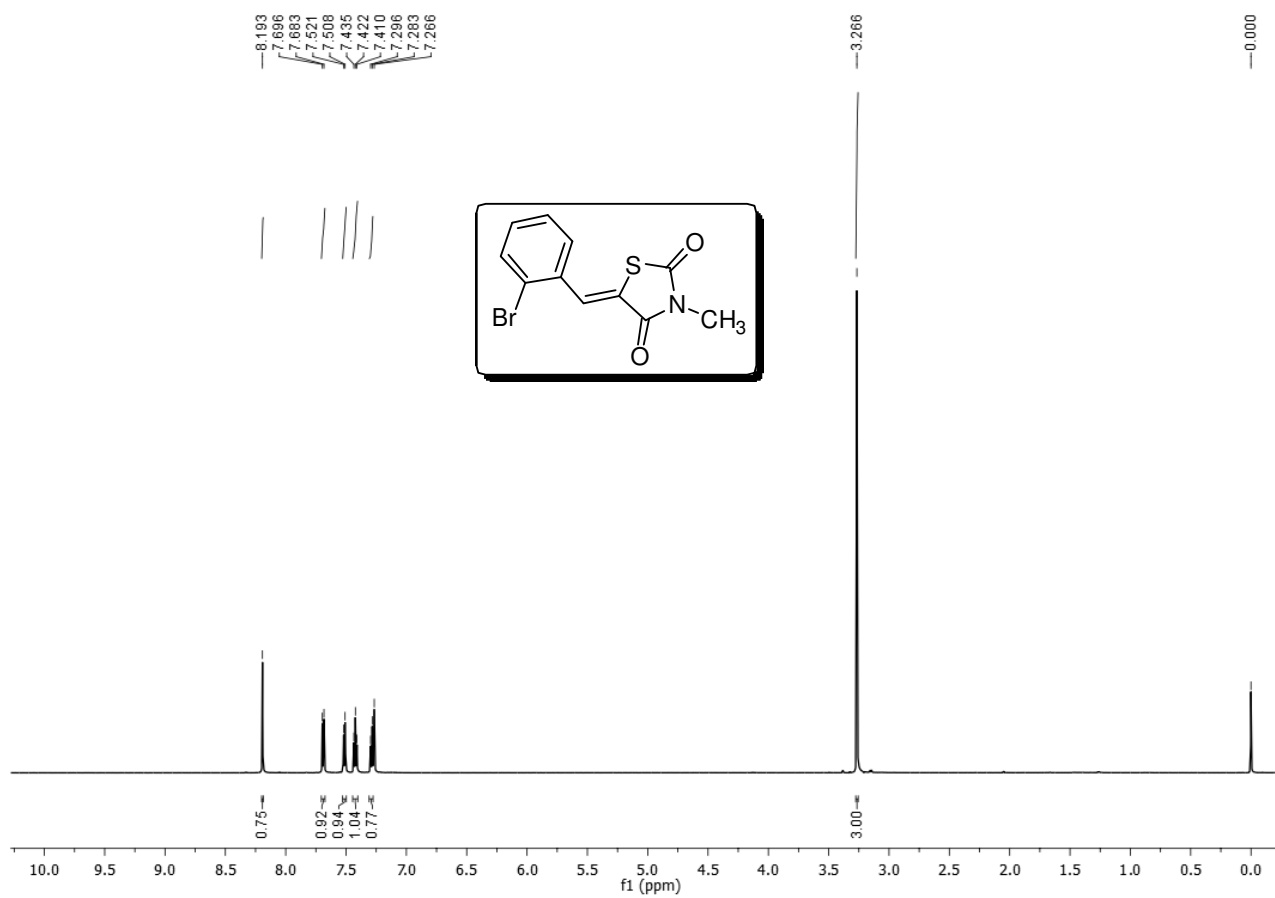
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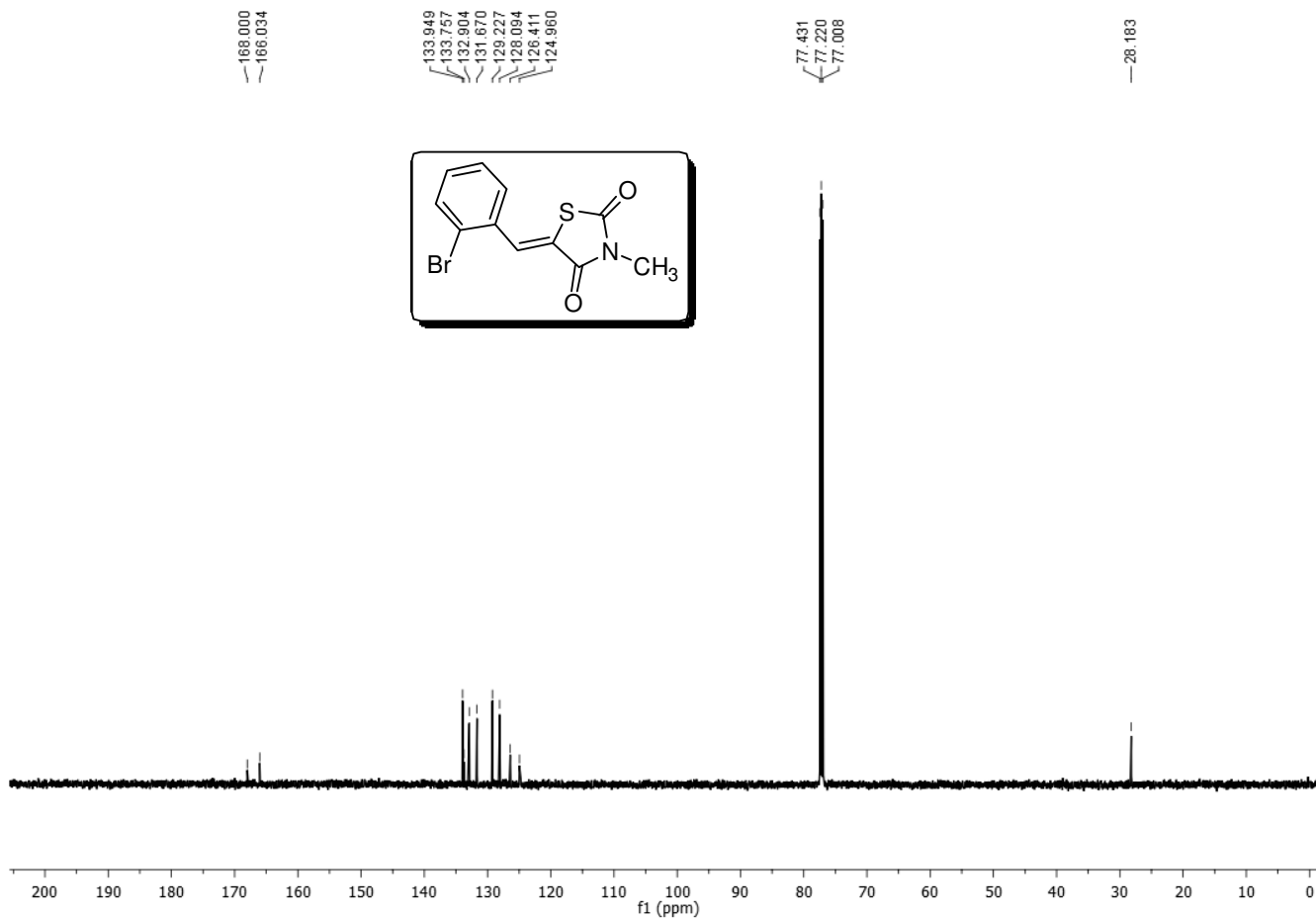
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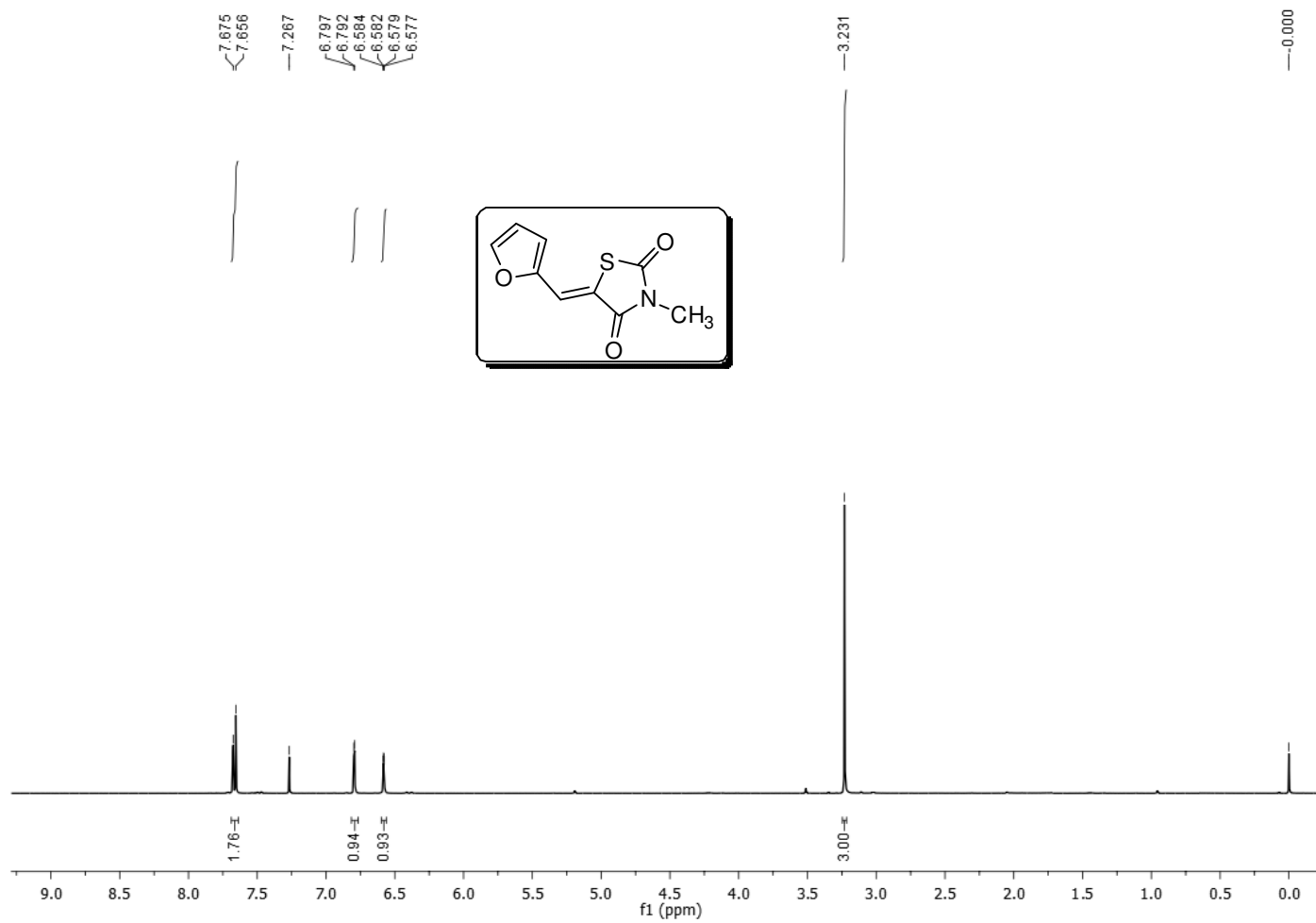
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