

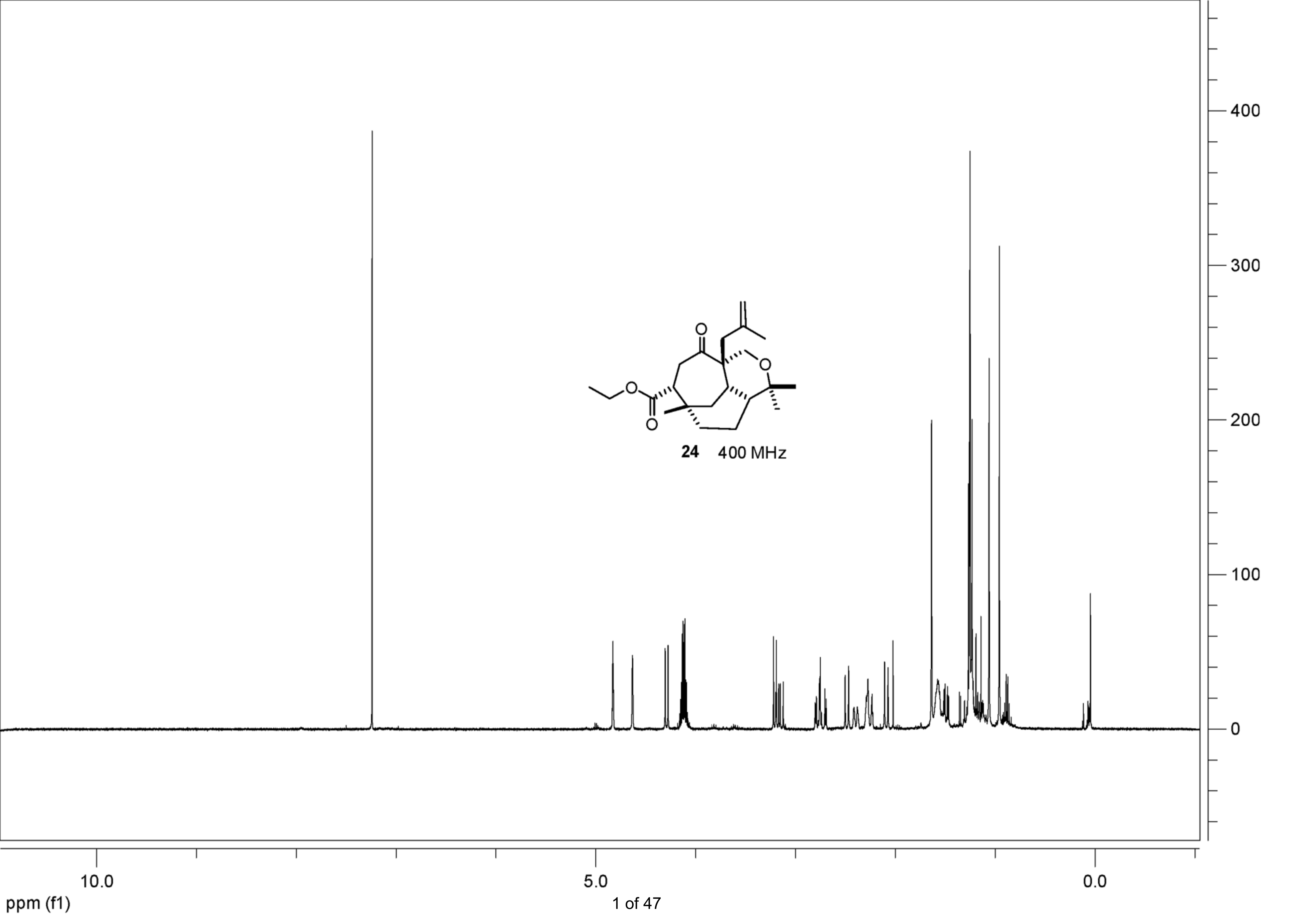
**End game strategies towards the total synthesis of vibsantin E, 3-hydroxyvibsantin E, furanovibsantin A,  
and 3-*O*-methylfuranovibsantin A**

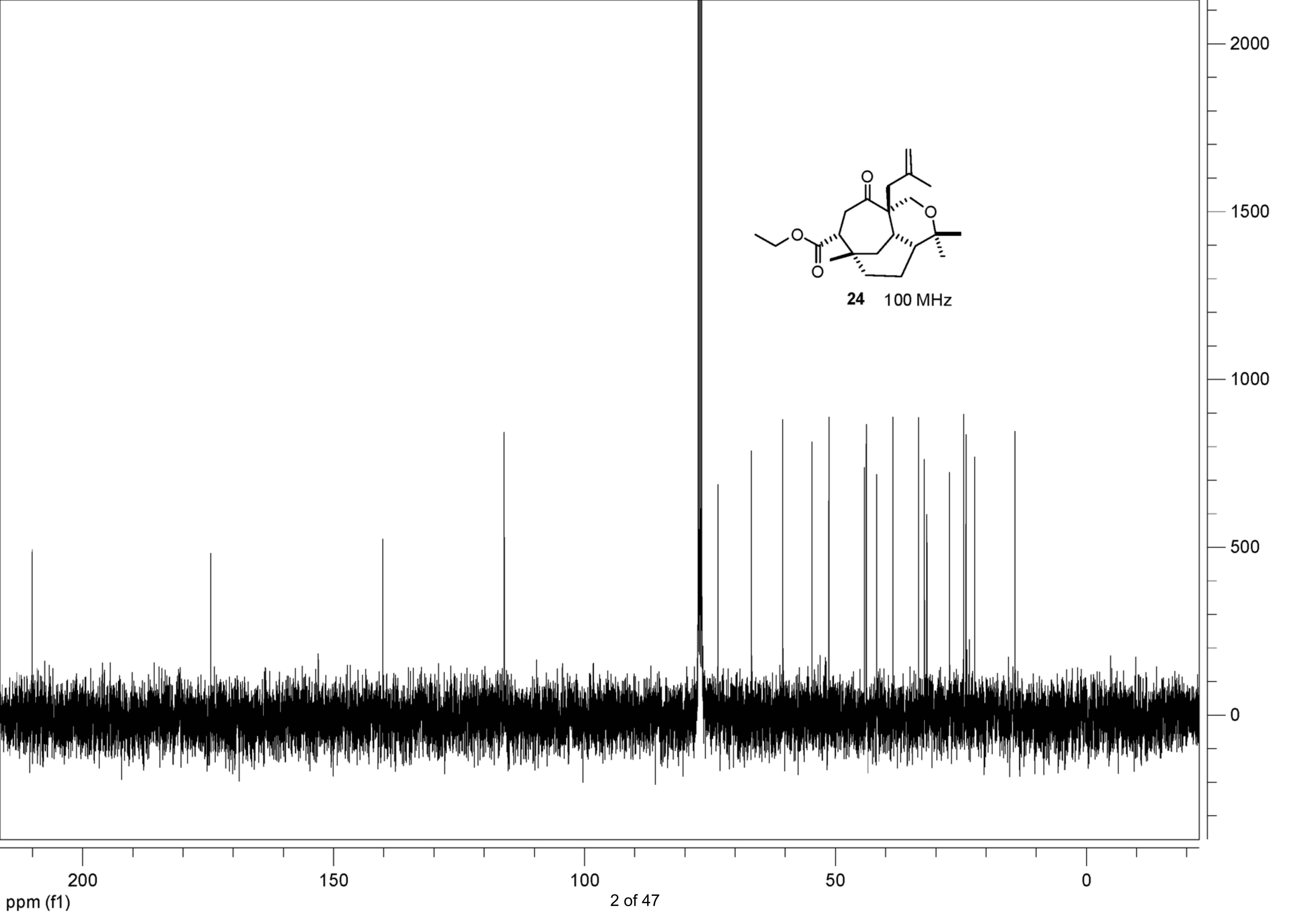
Brett D. Schwartz, Craig M. Williams\* and Paul V. Bernhardt

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Email: Craig M. Williams\* - c.williams3@uq.edu.au

\* Corresponding author





200

150

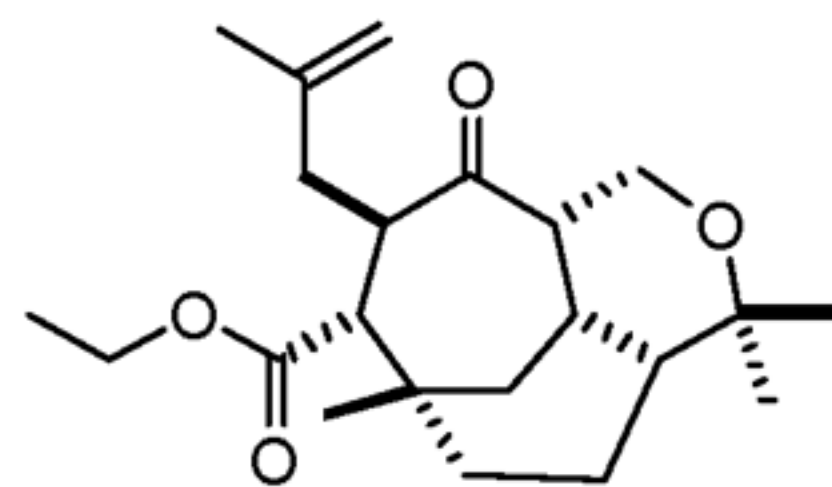
100

50

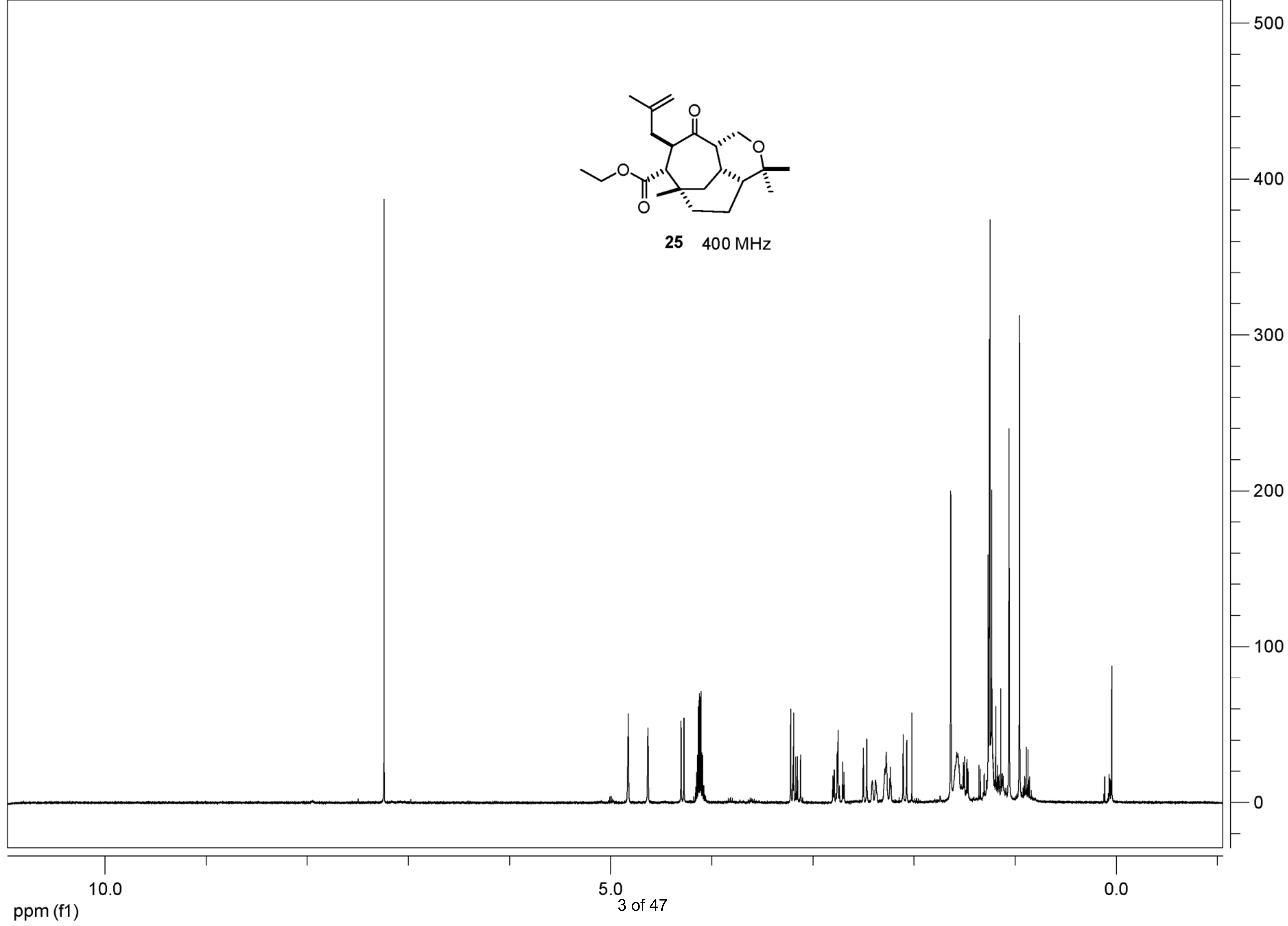
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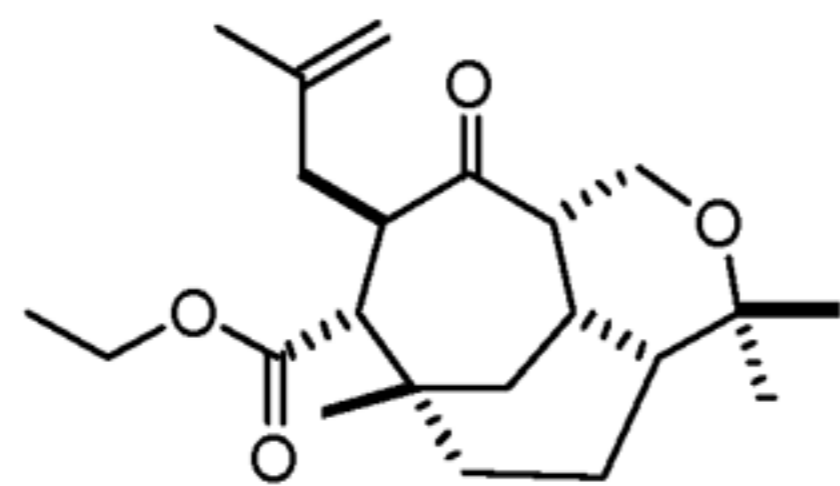
ppm (f1)

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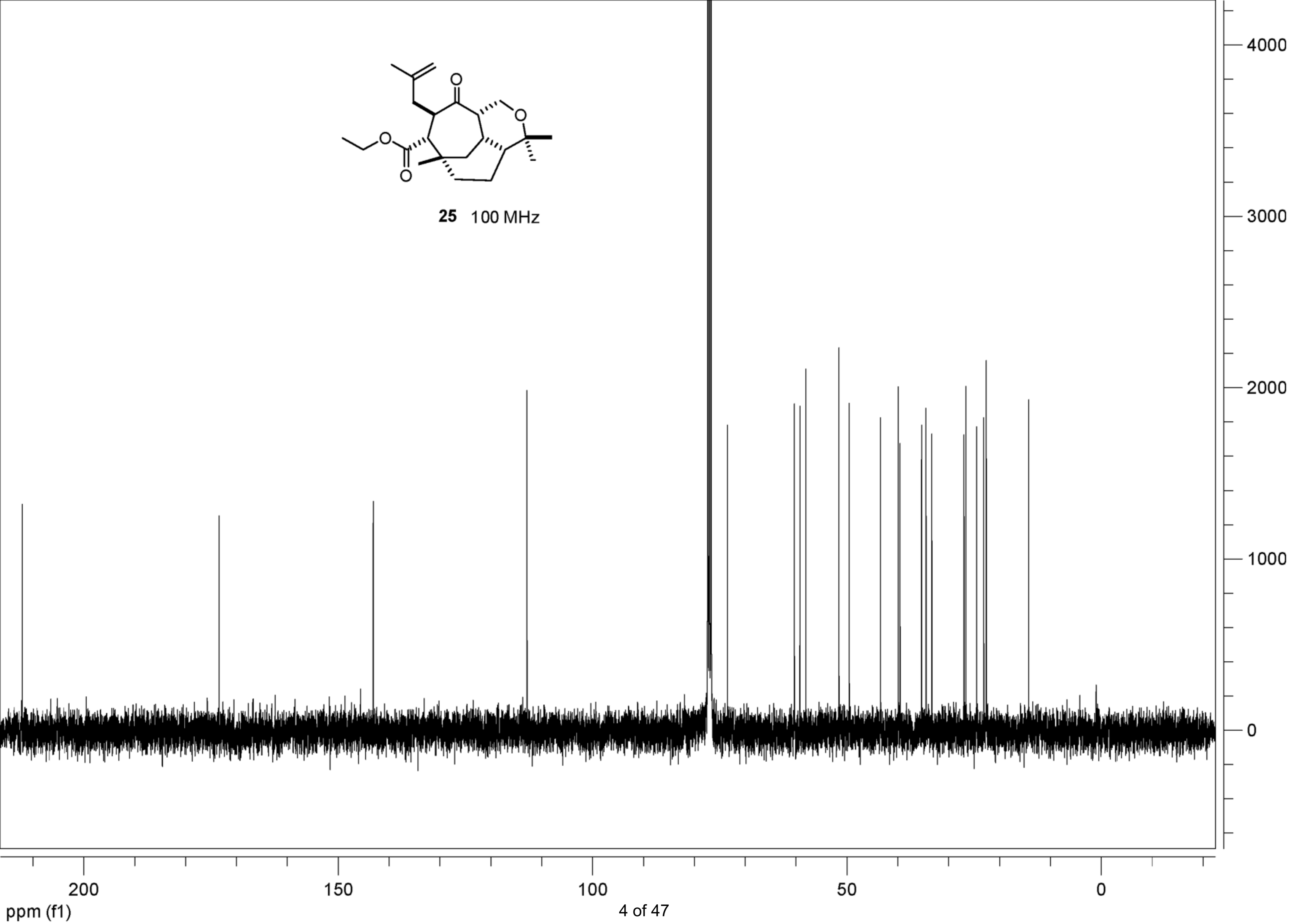


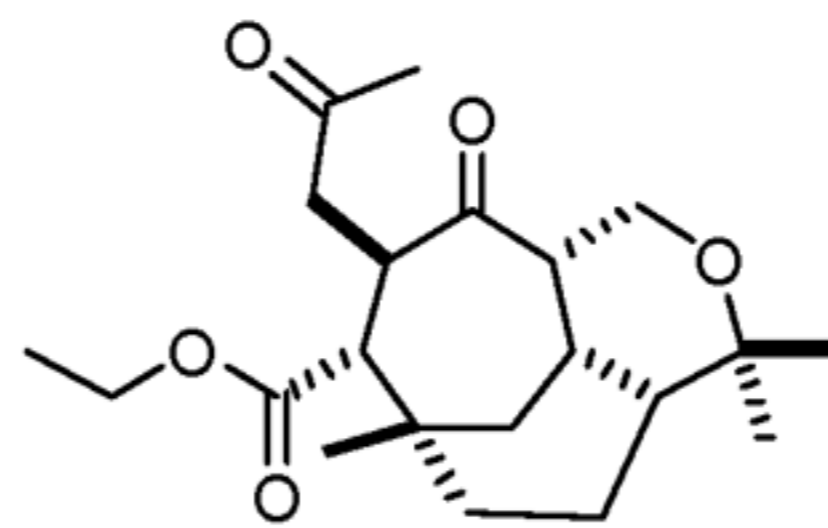
25 400 MHz



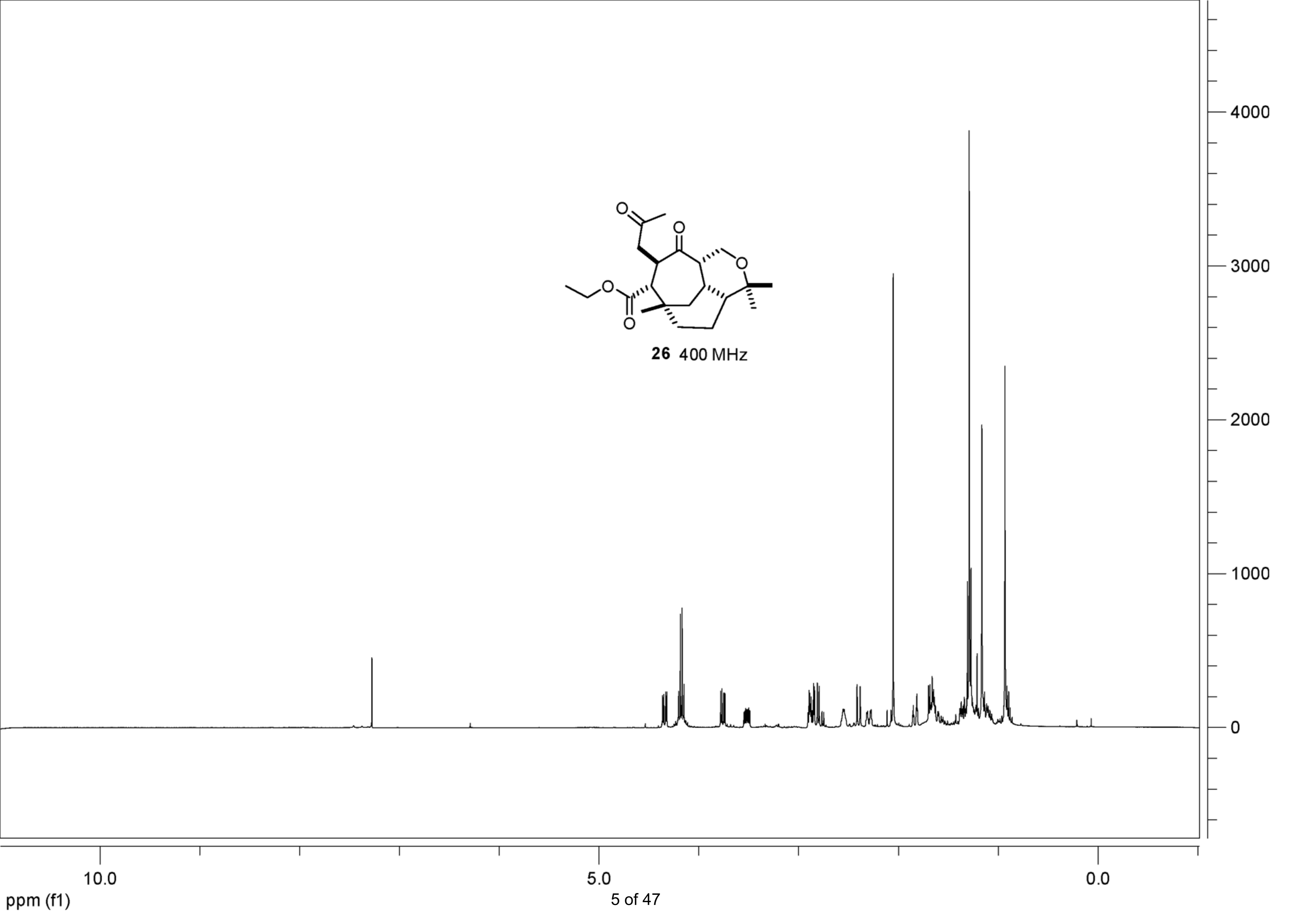


25 100 MHz





26 400 MHz



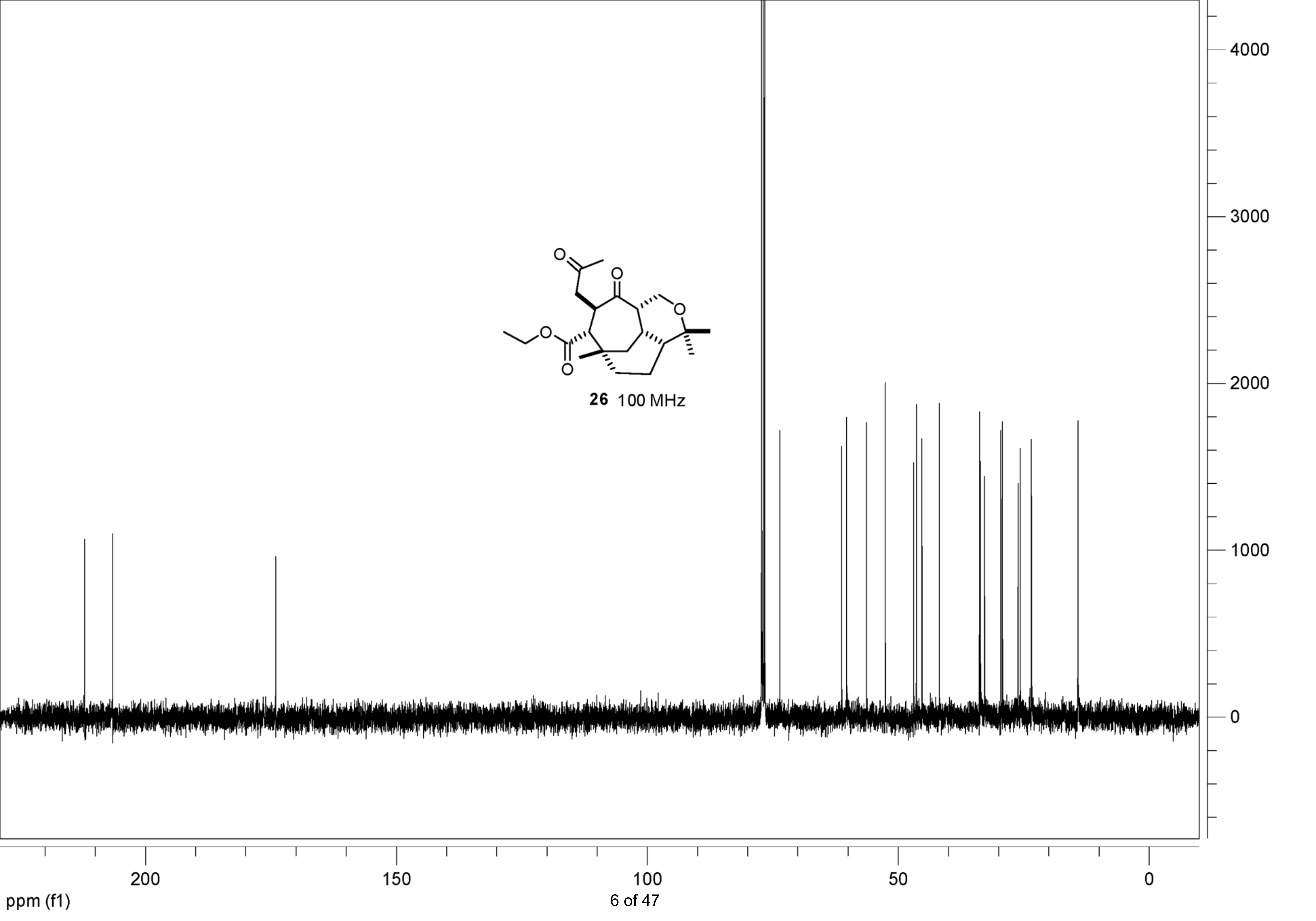
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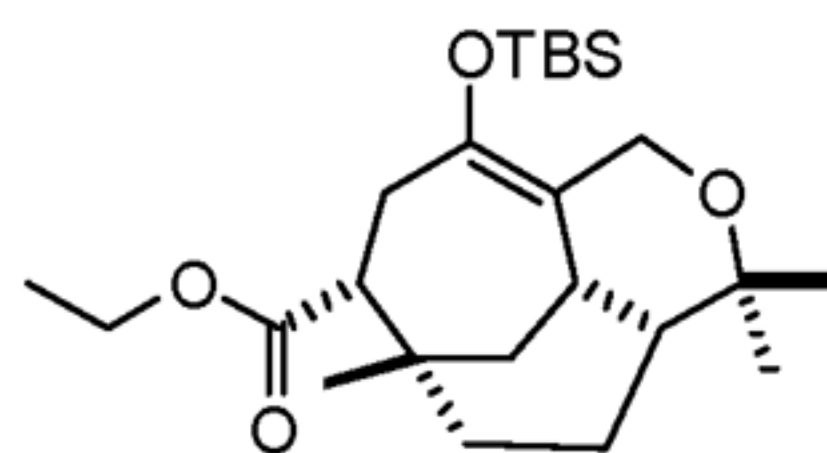
5.0

0.0

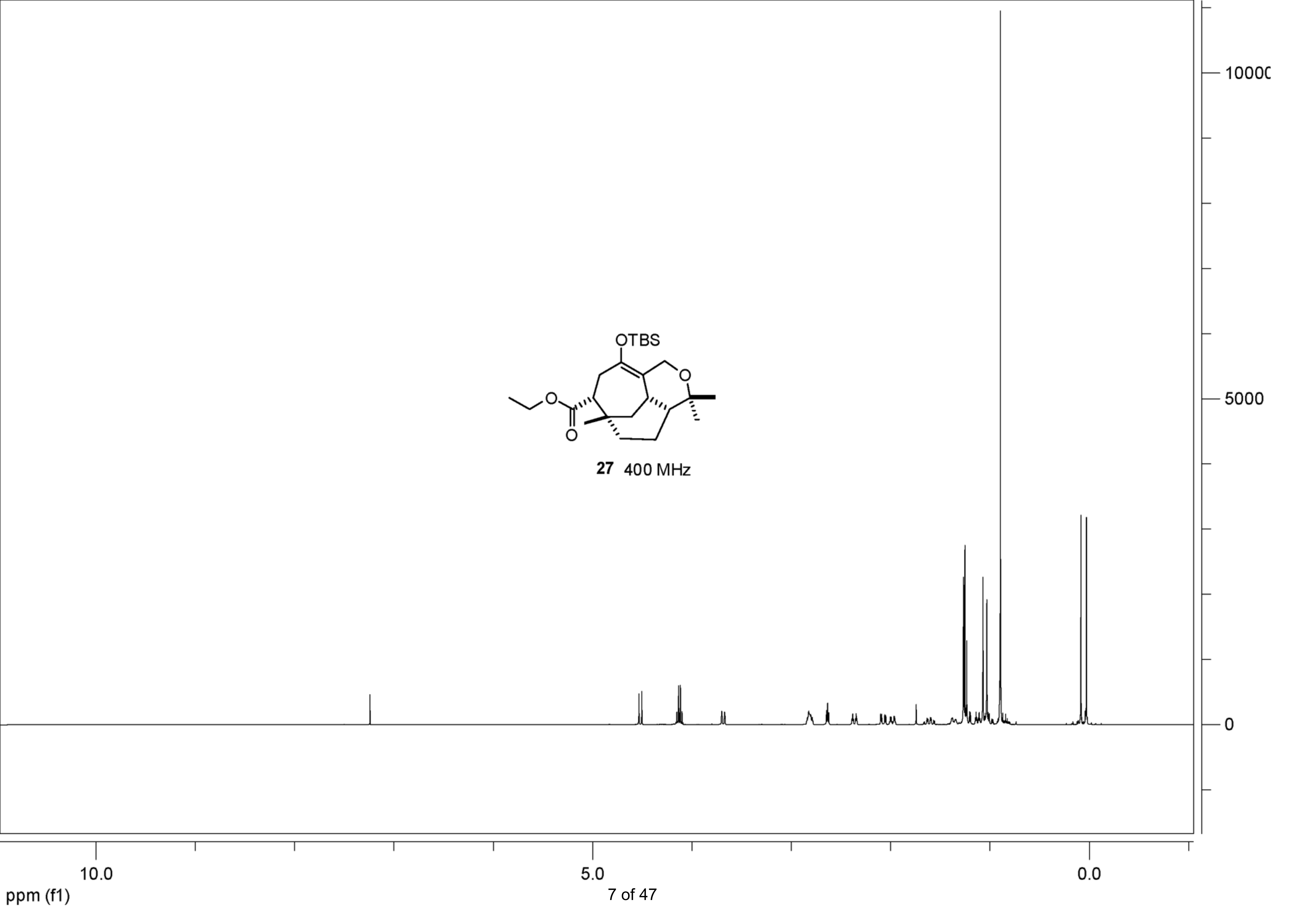
ppm (f1)

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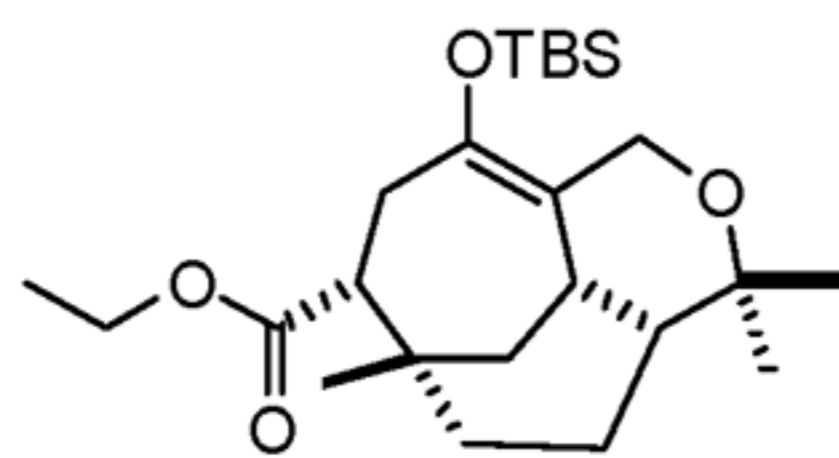


27 400 MHz

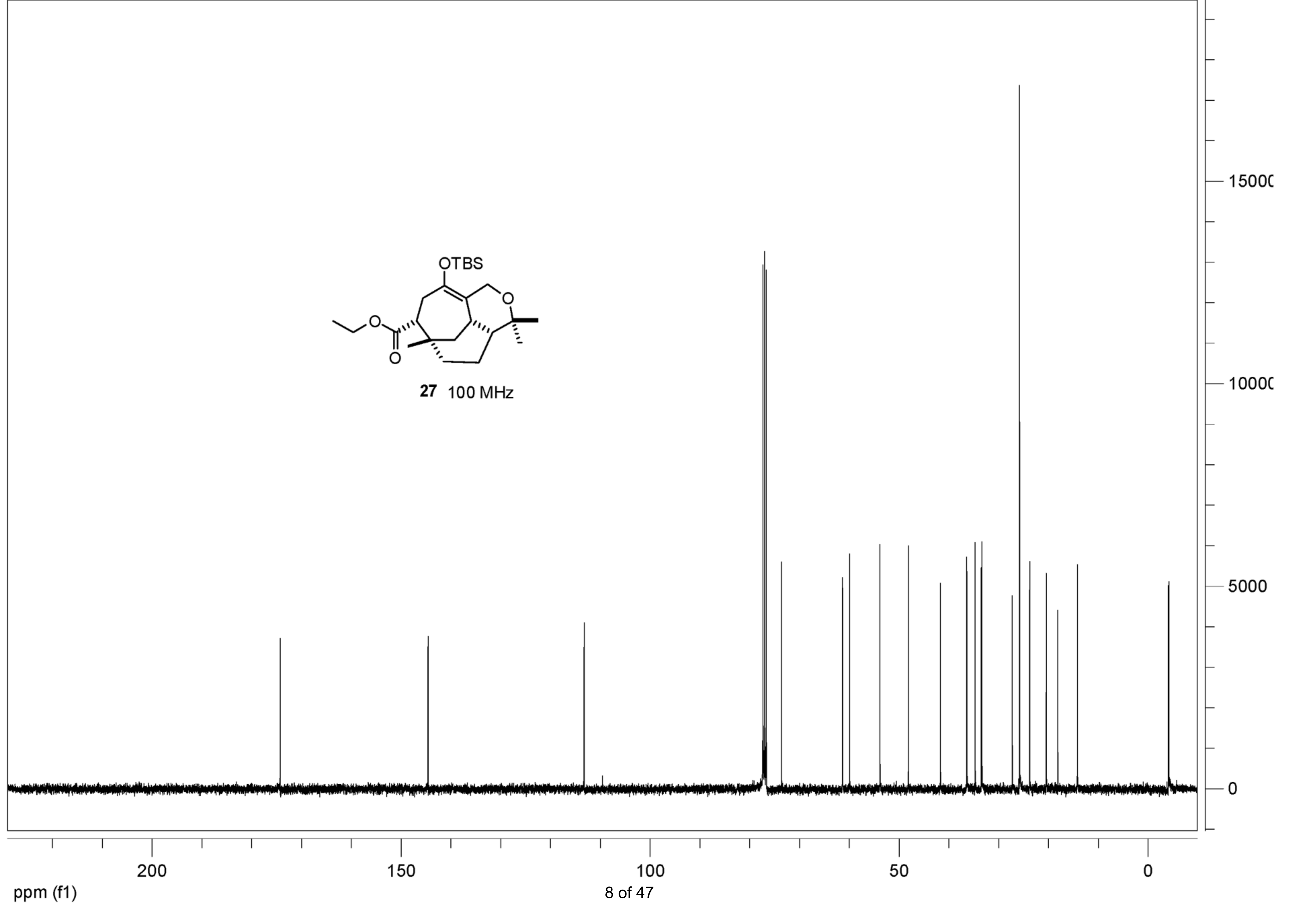


ppm (f1)





27 100 MHz



200

150

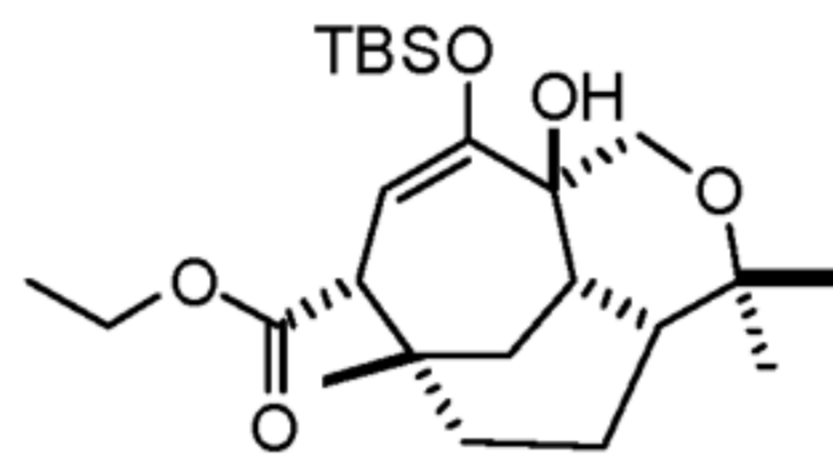
100

50

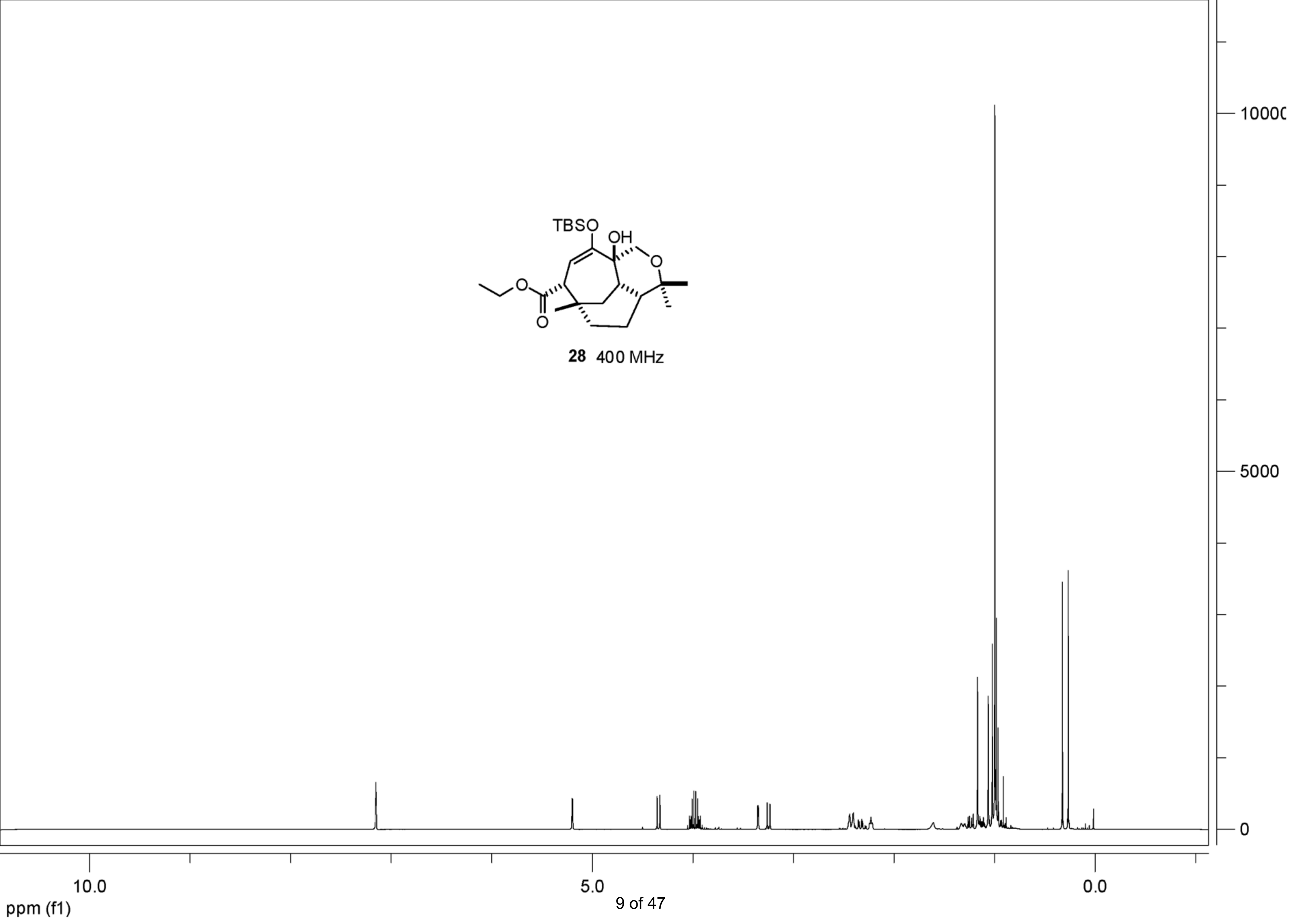
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ppm (f1)

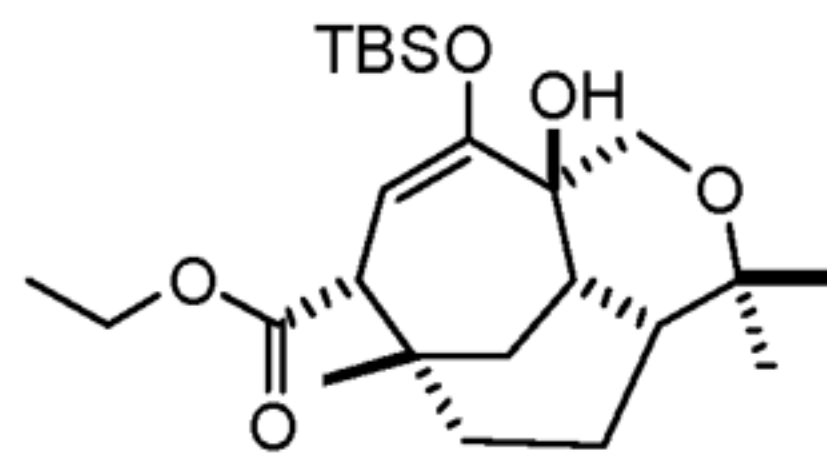
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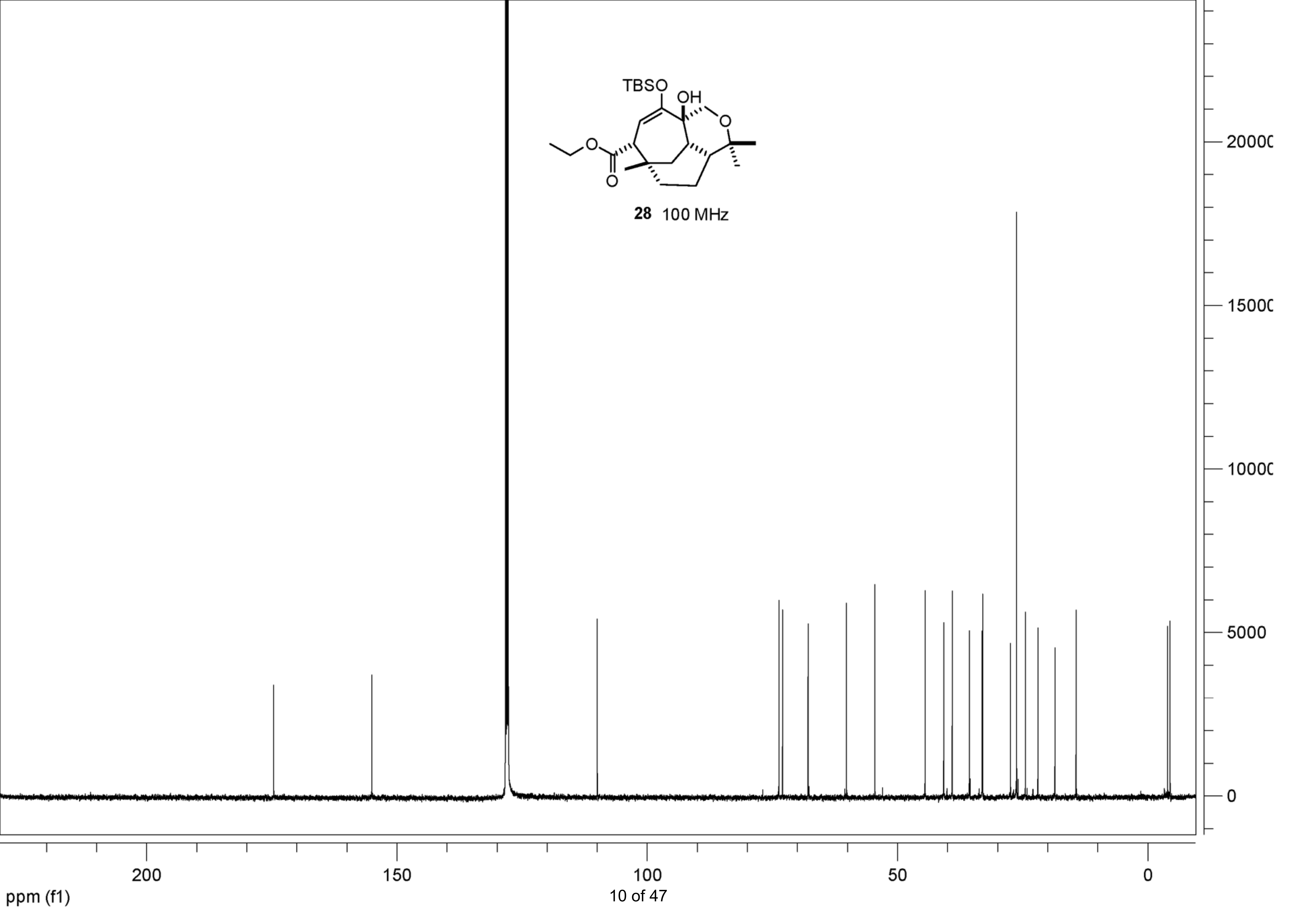
28 400 MHz



ppm (f1)



28 100 MHz



200

150

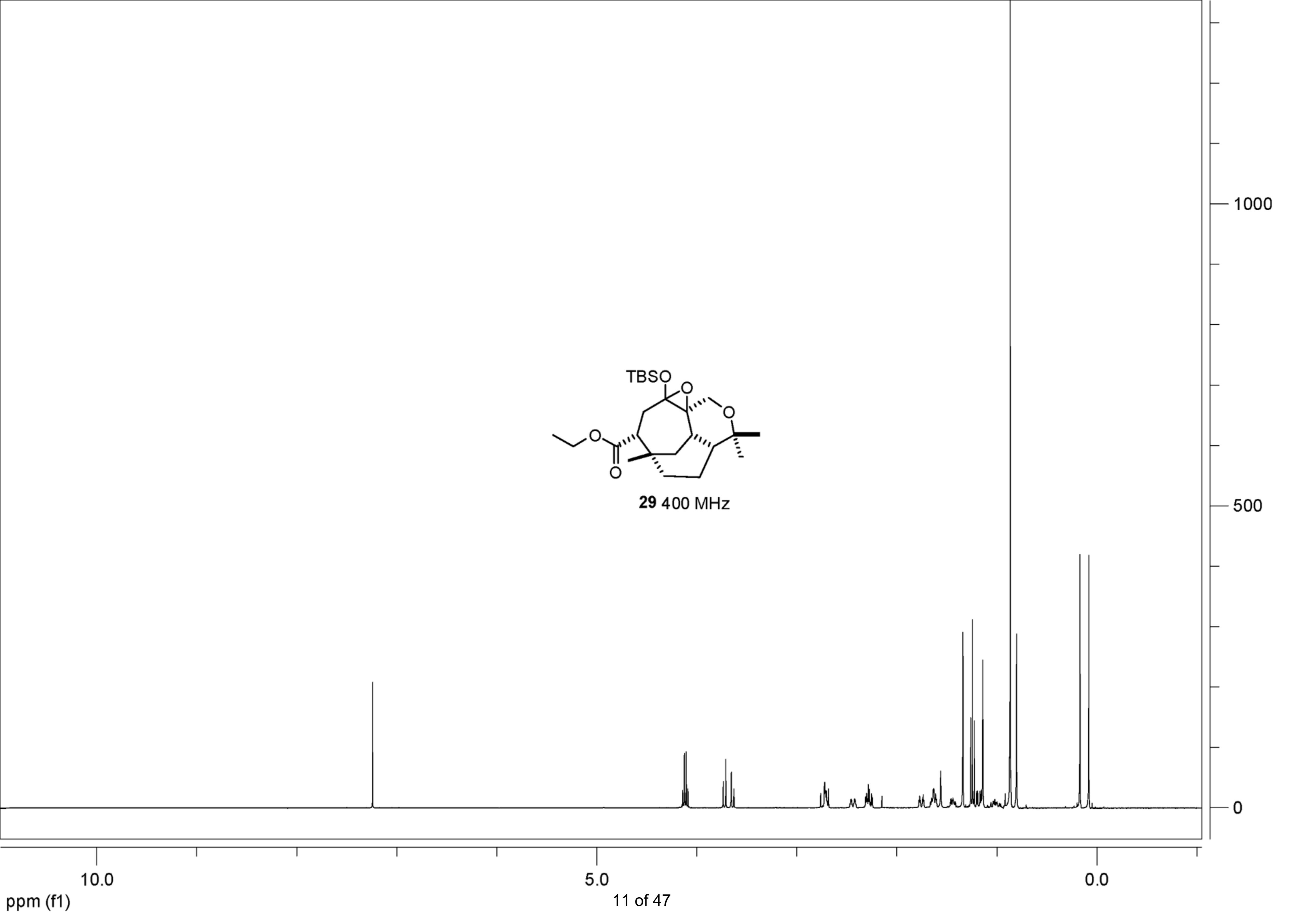
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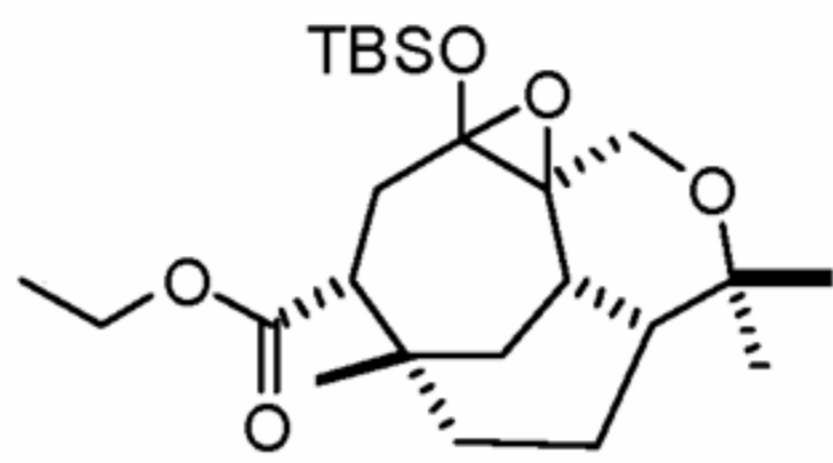
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0

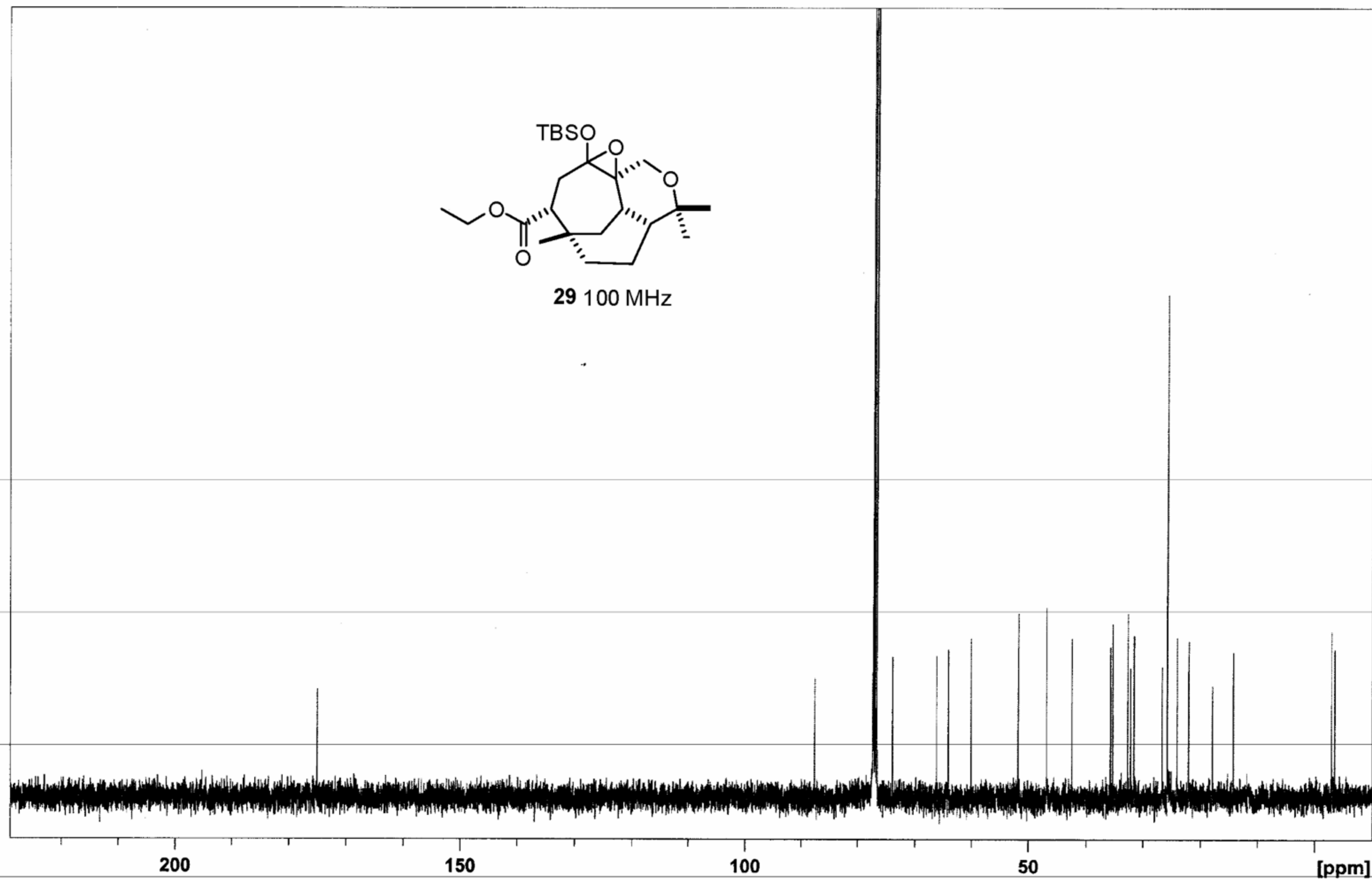
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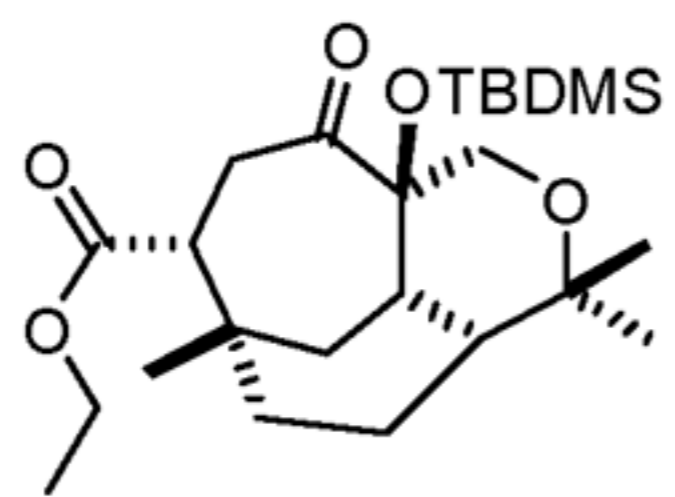
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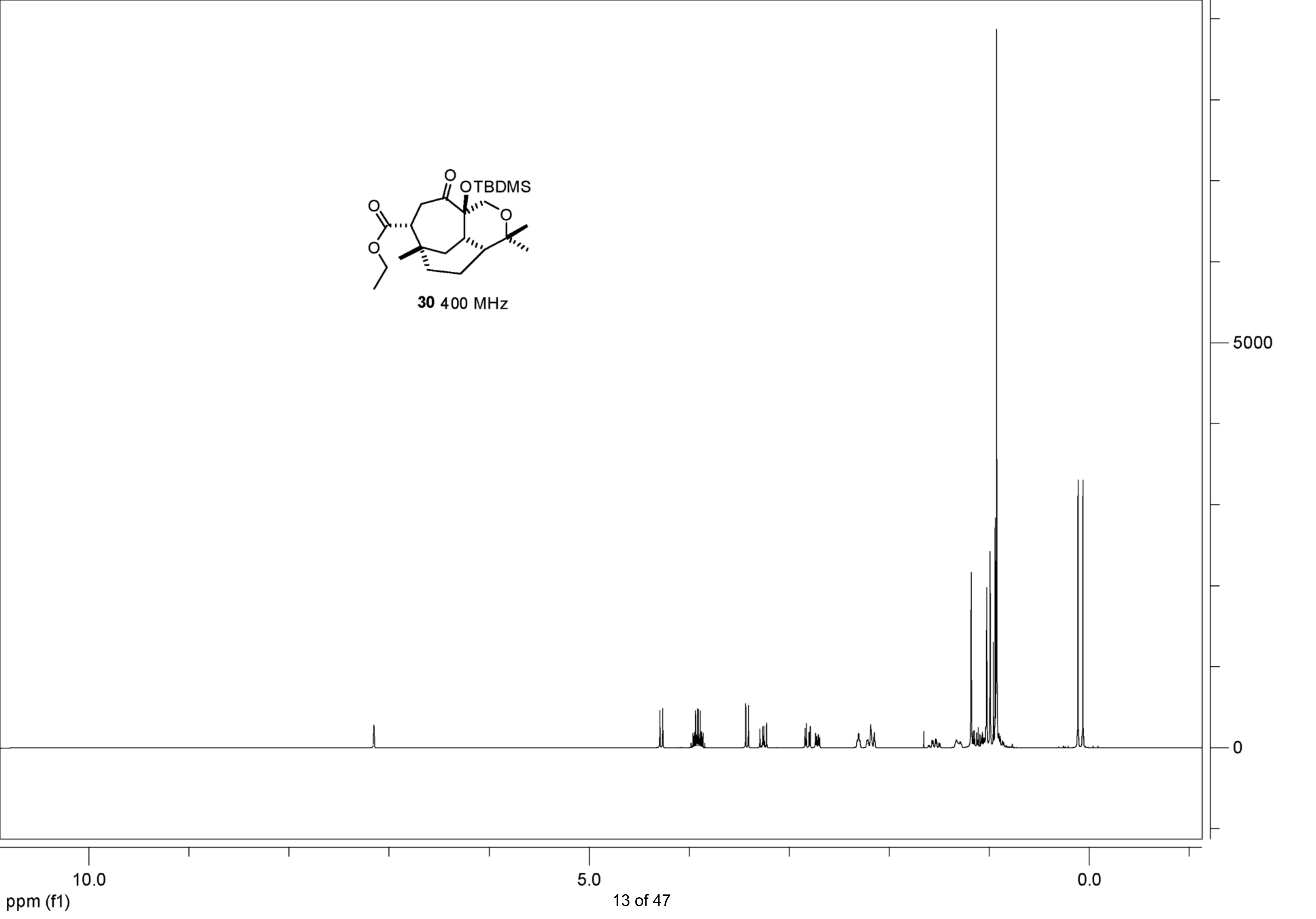


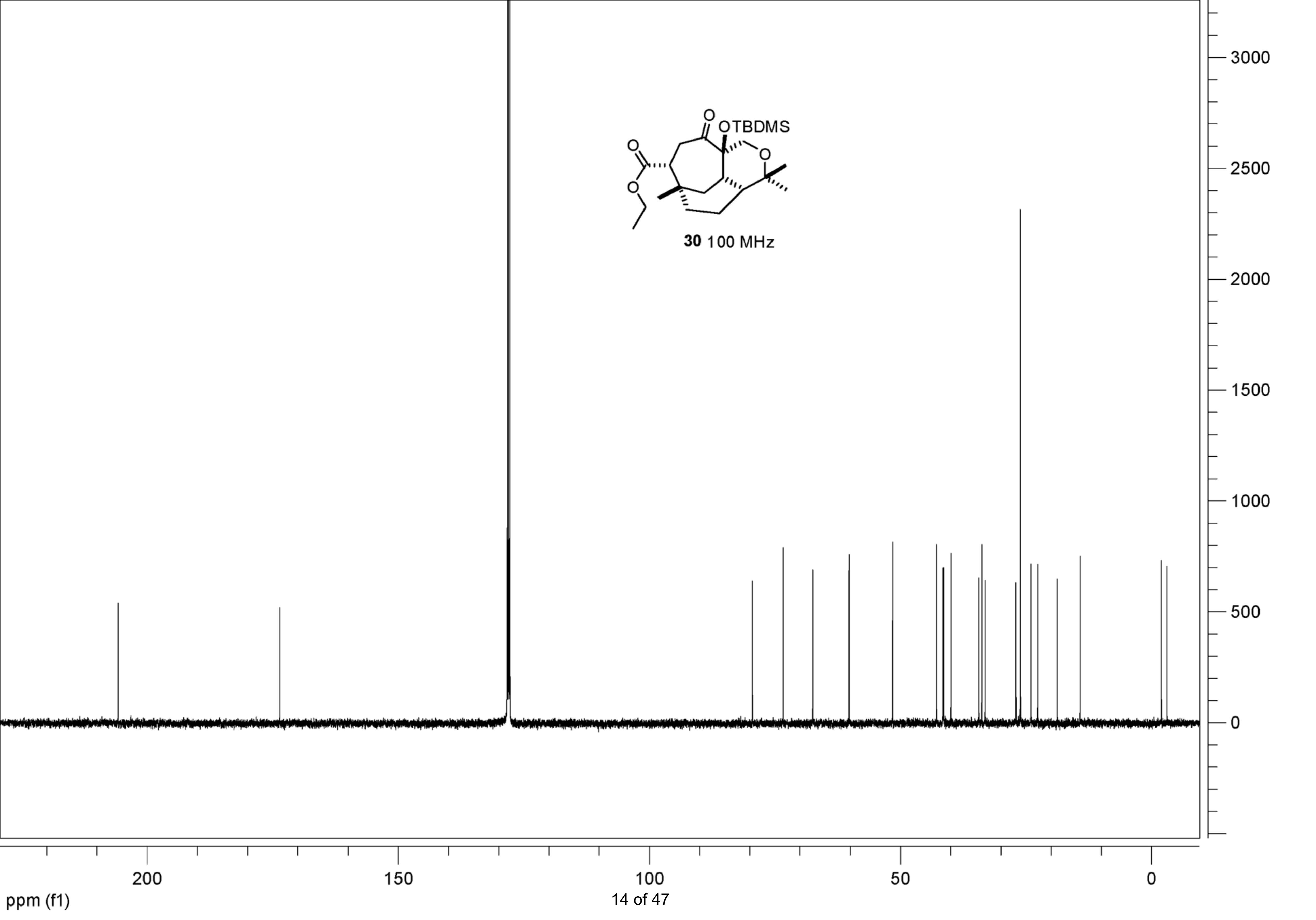
29 100 MHz



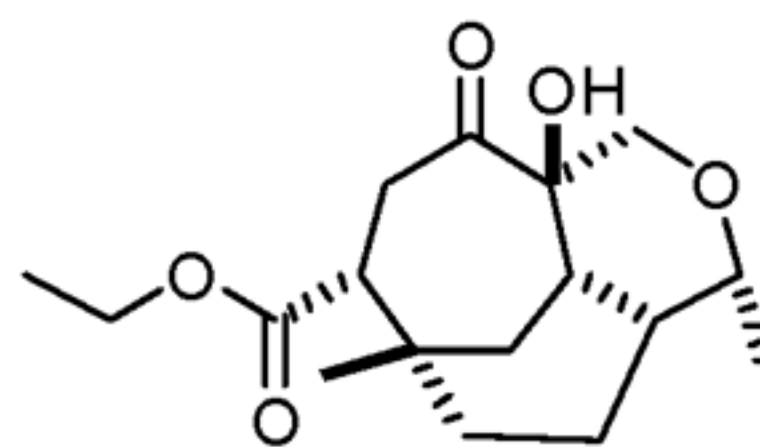


30 400 MHz

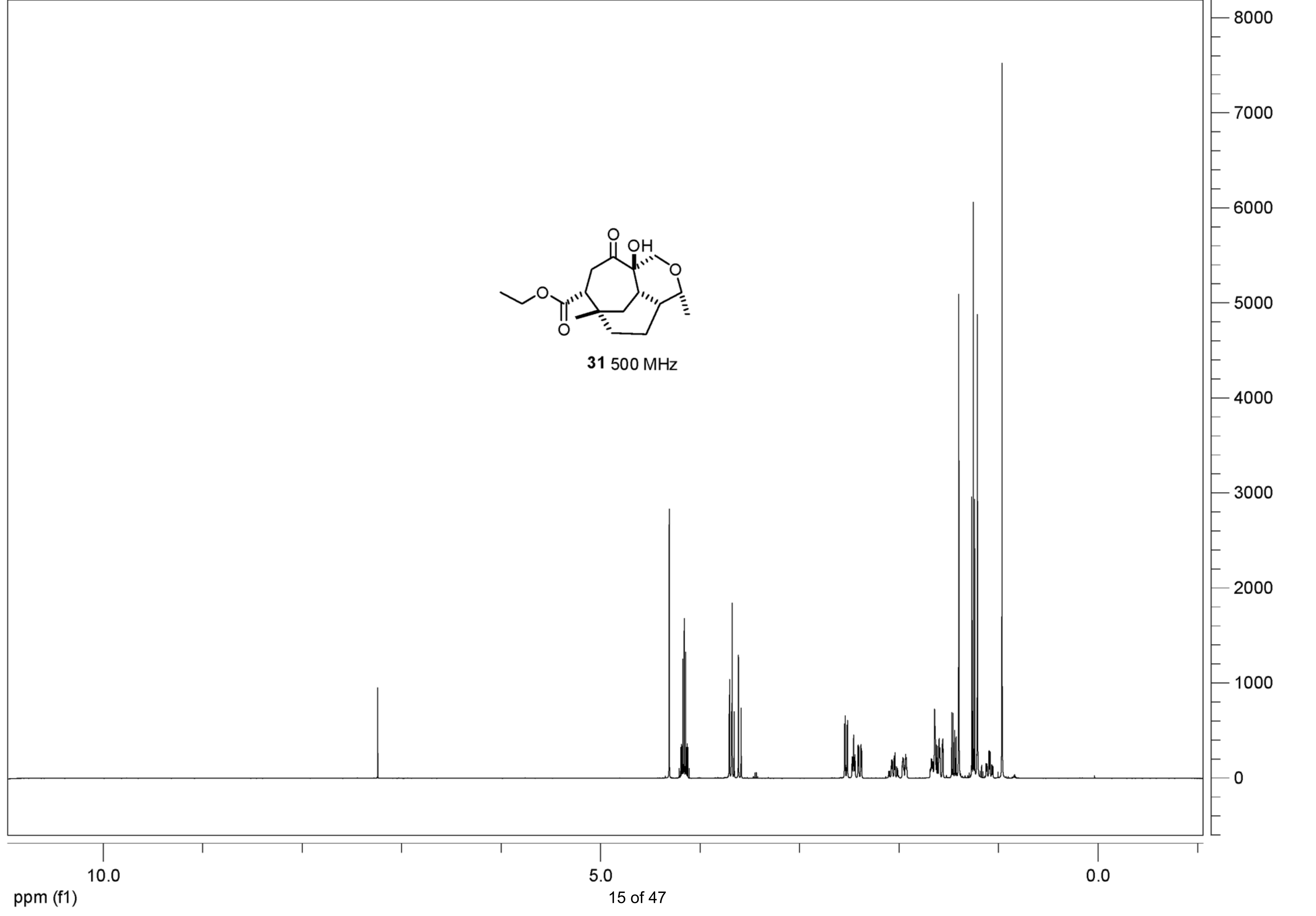




ppm (f1)



31 500 MHz



10.0

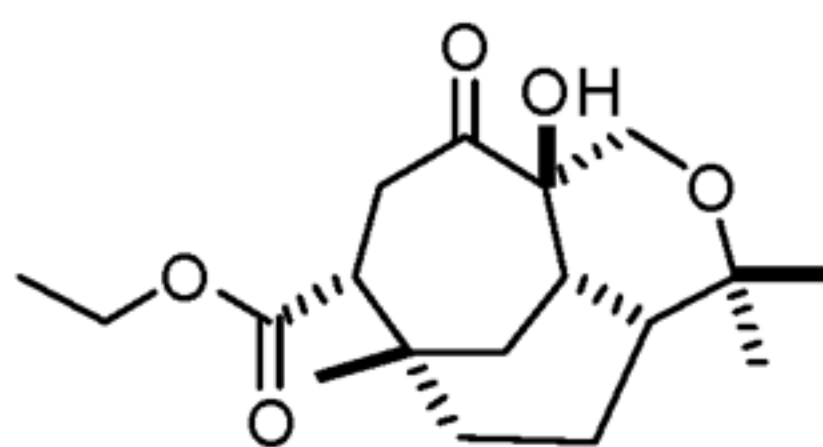
5.0

0.0

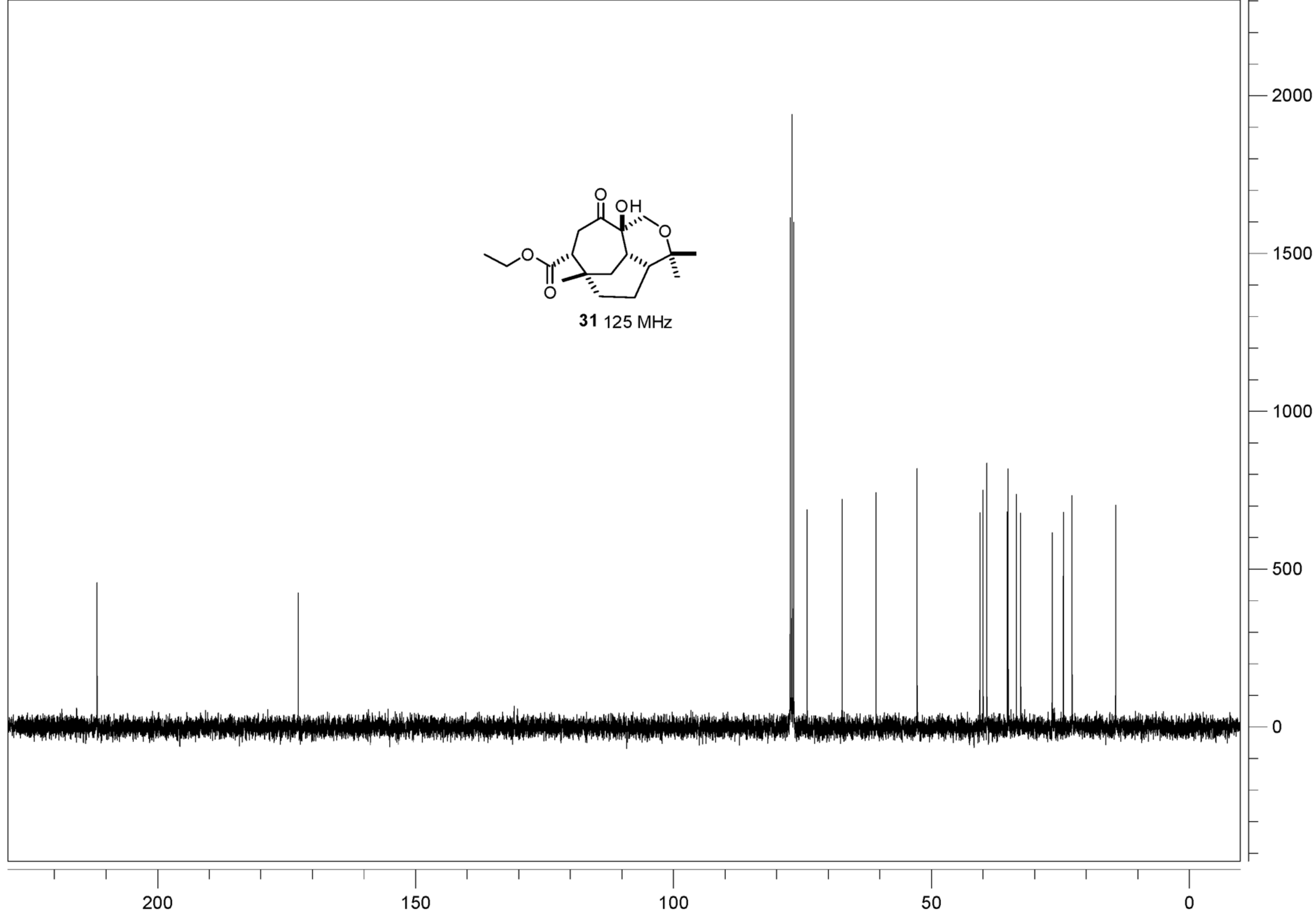
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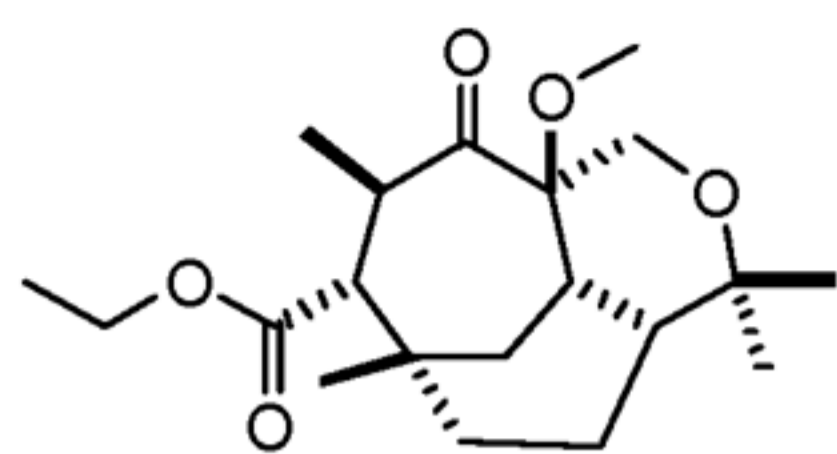
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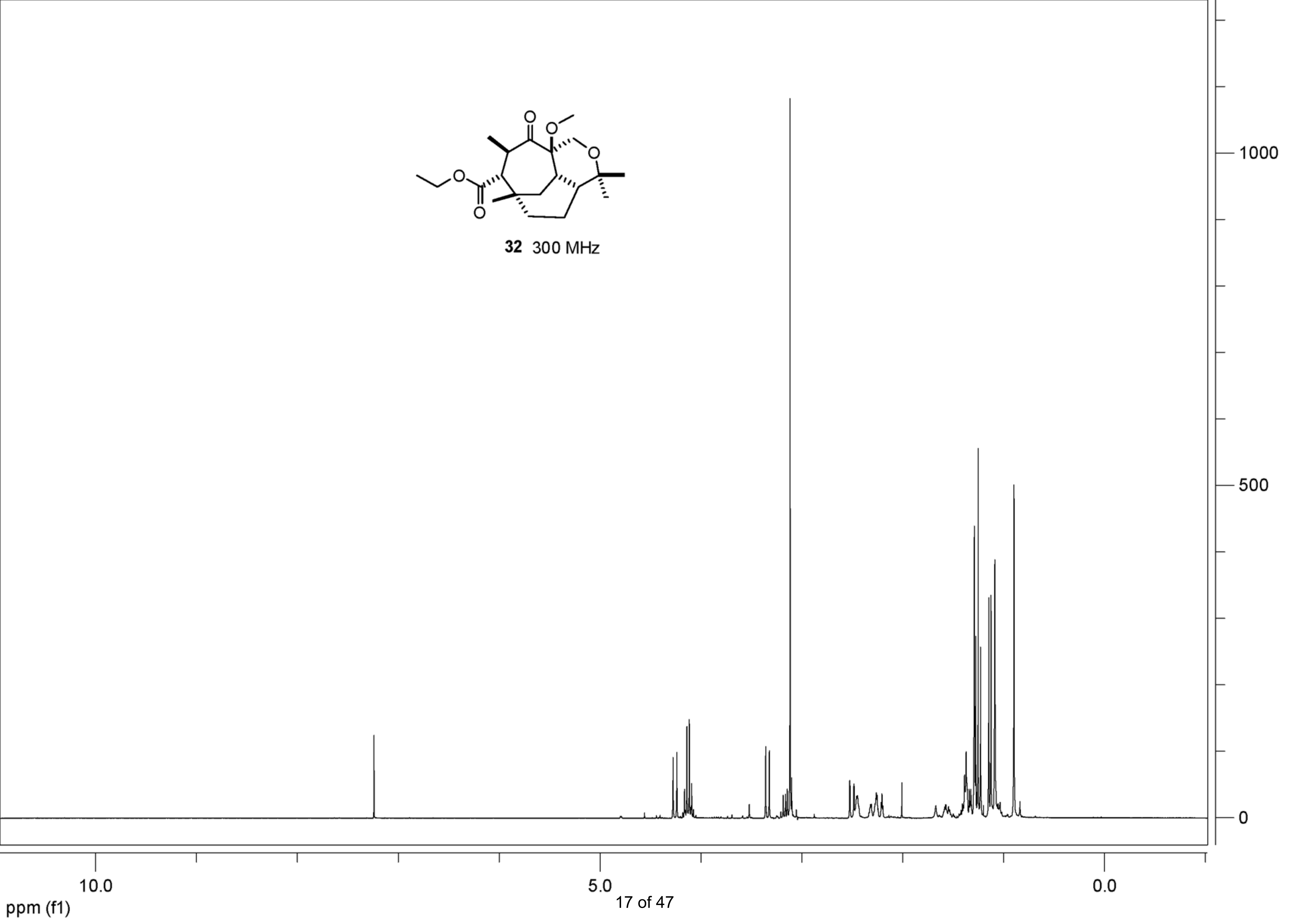


31 125 MHz





32 300 MHz



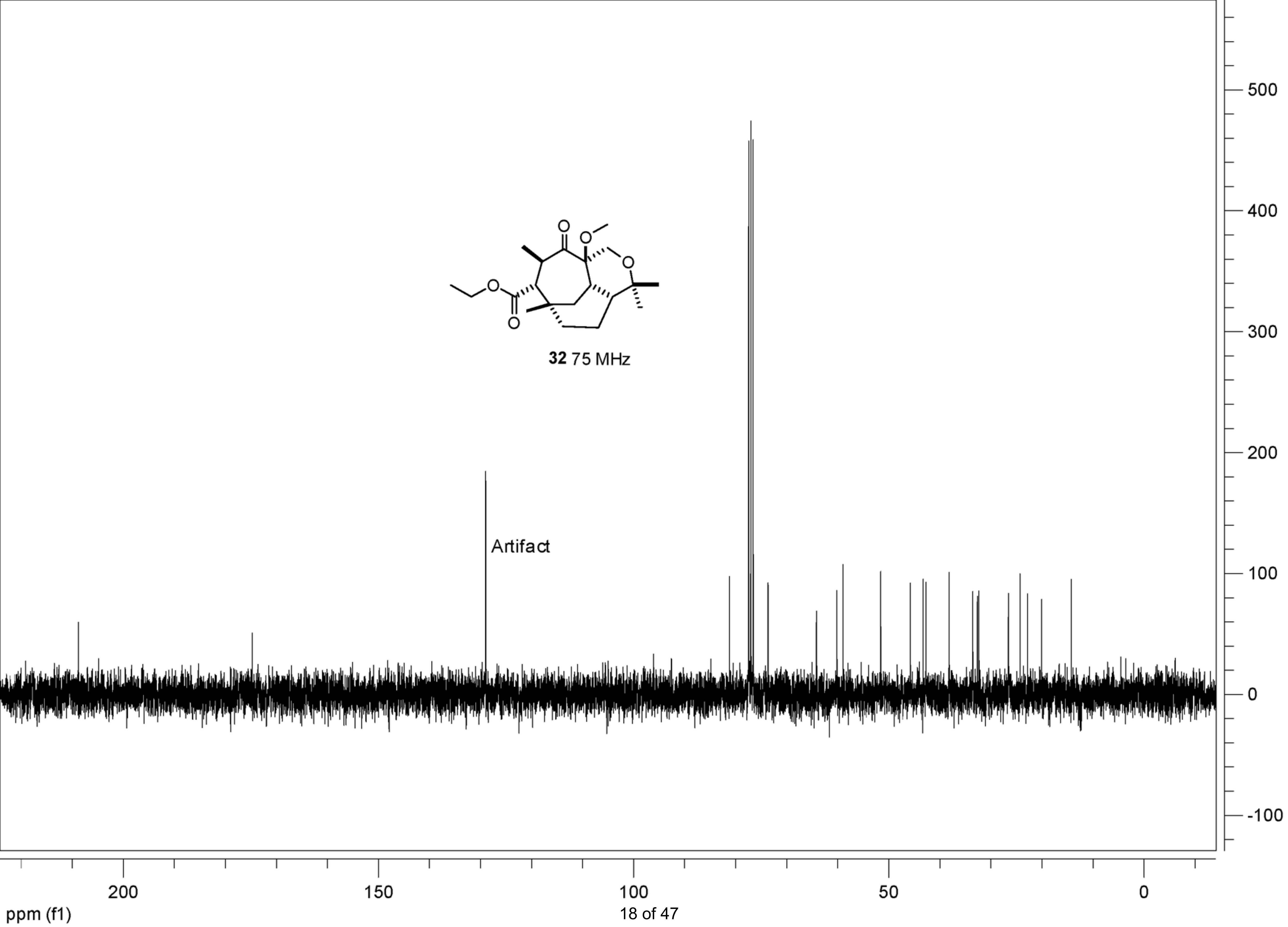
10.0

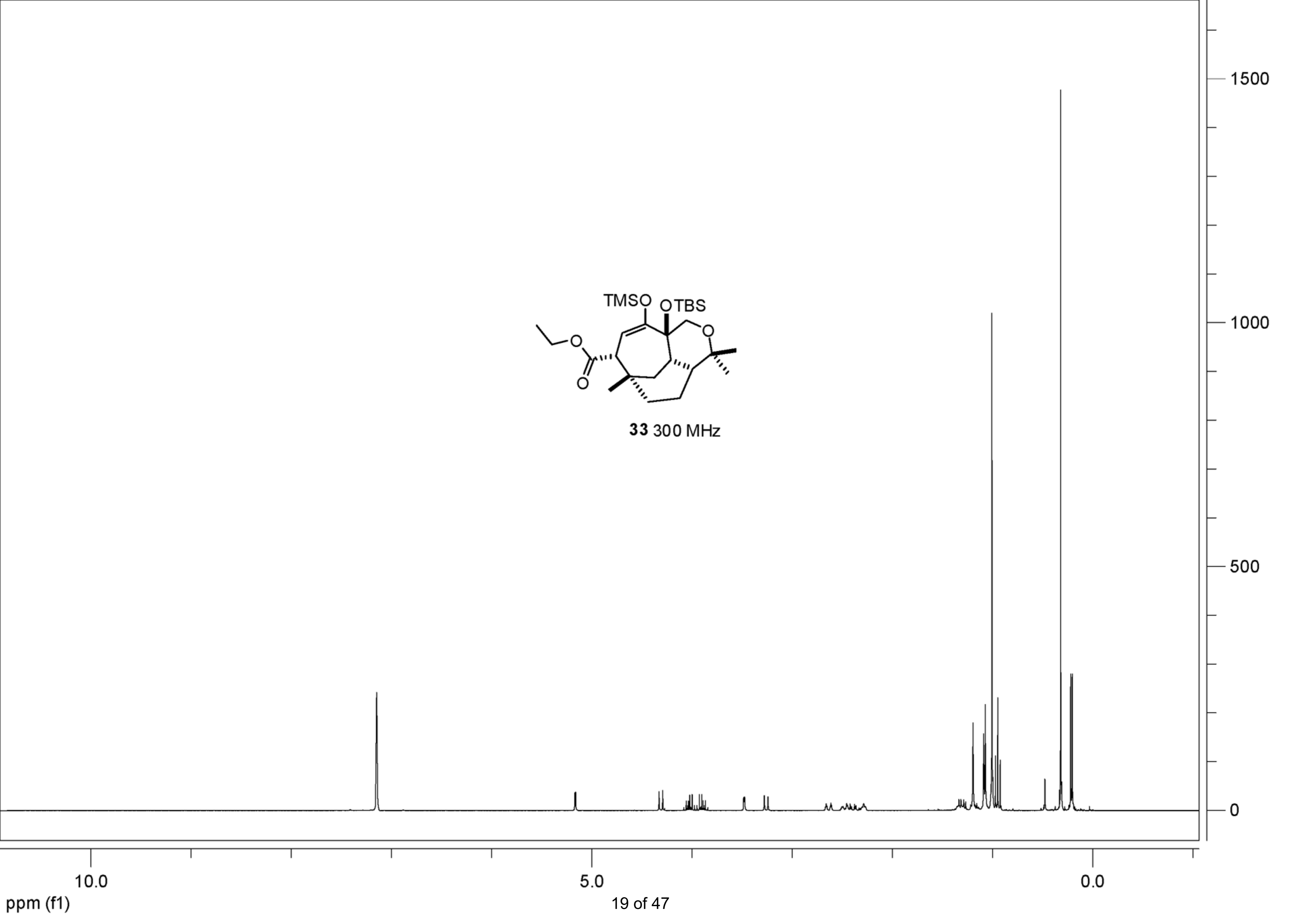
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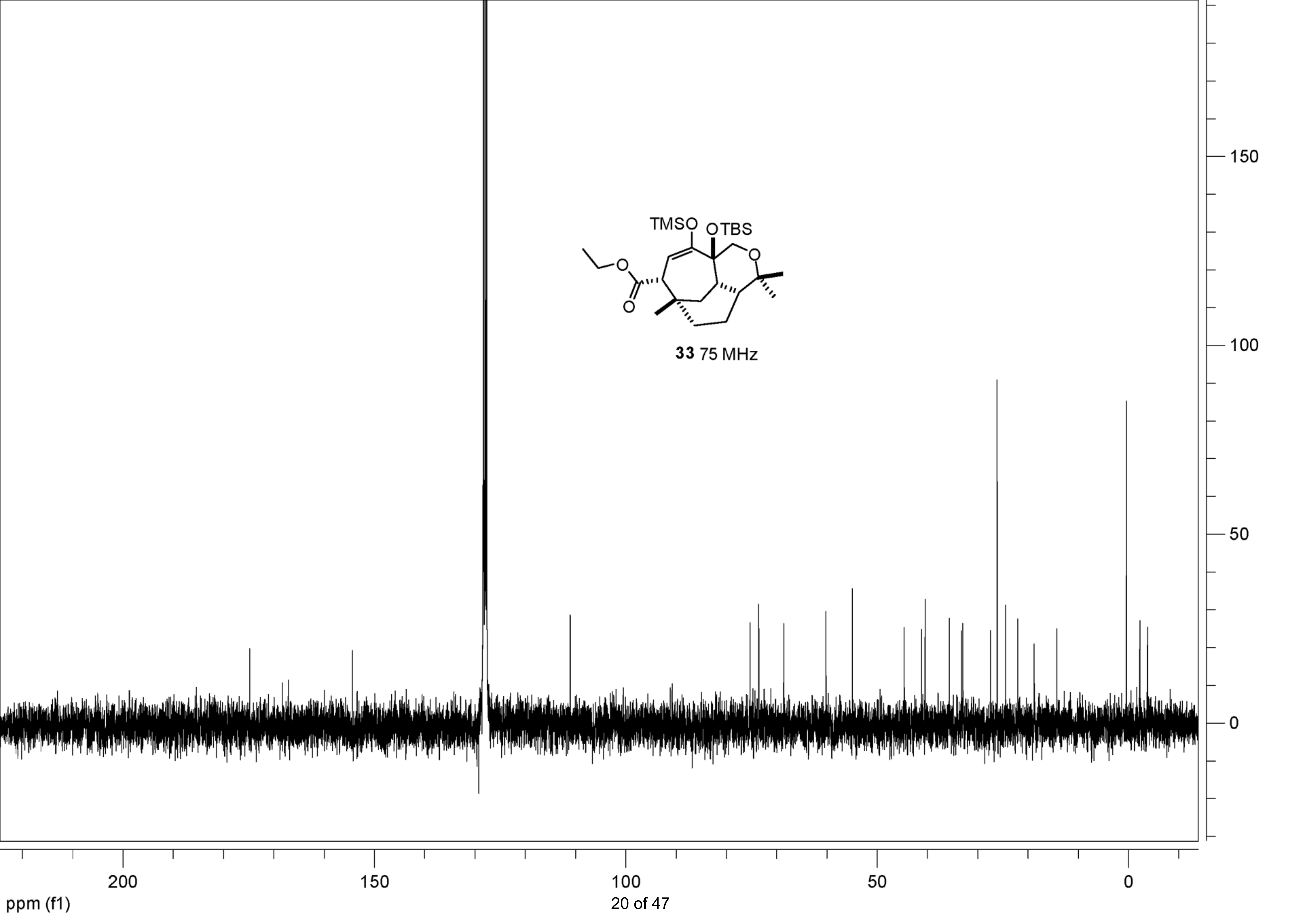
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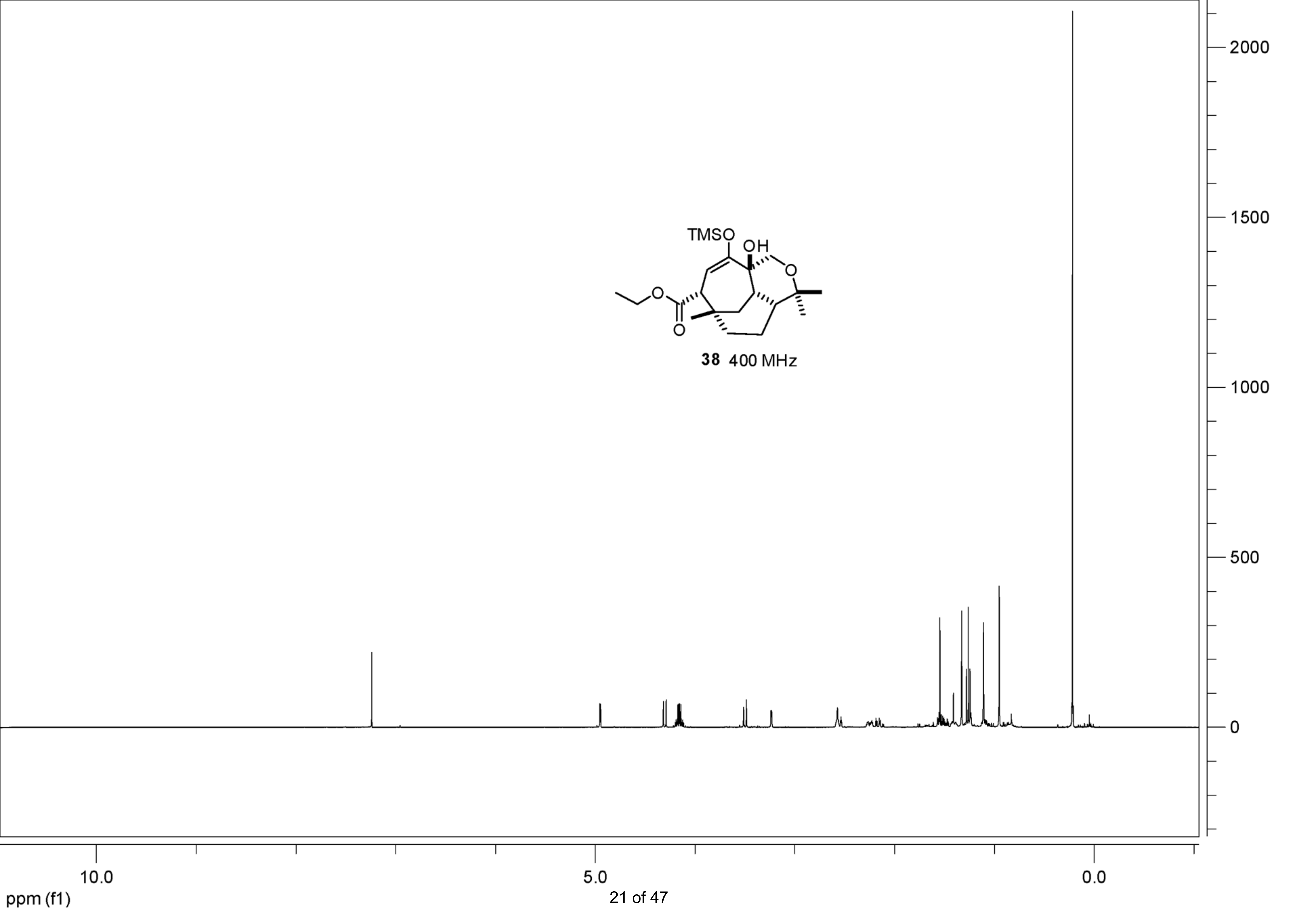
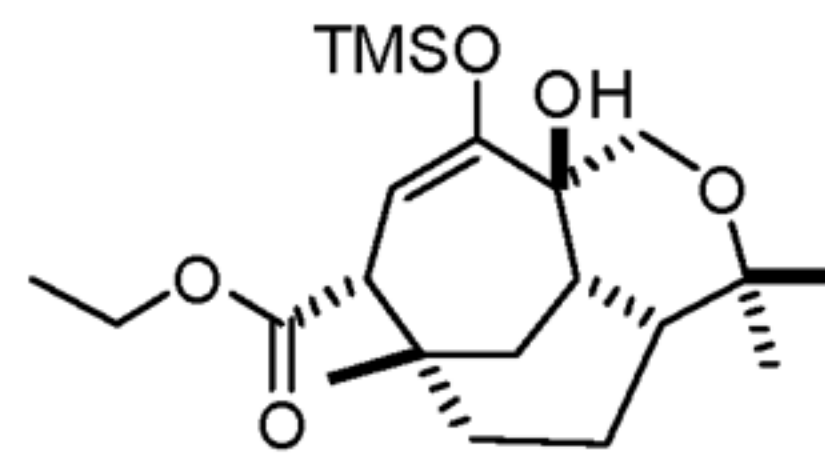
ppm (f1)

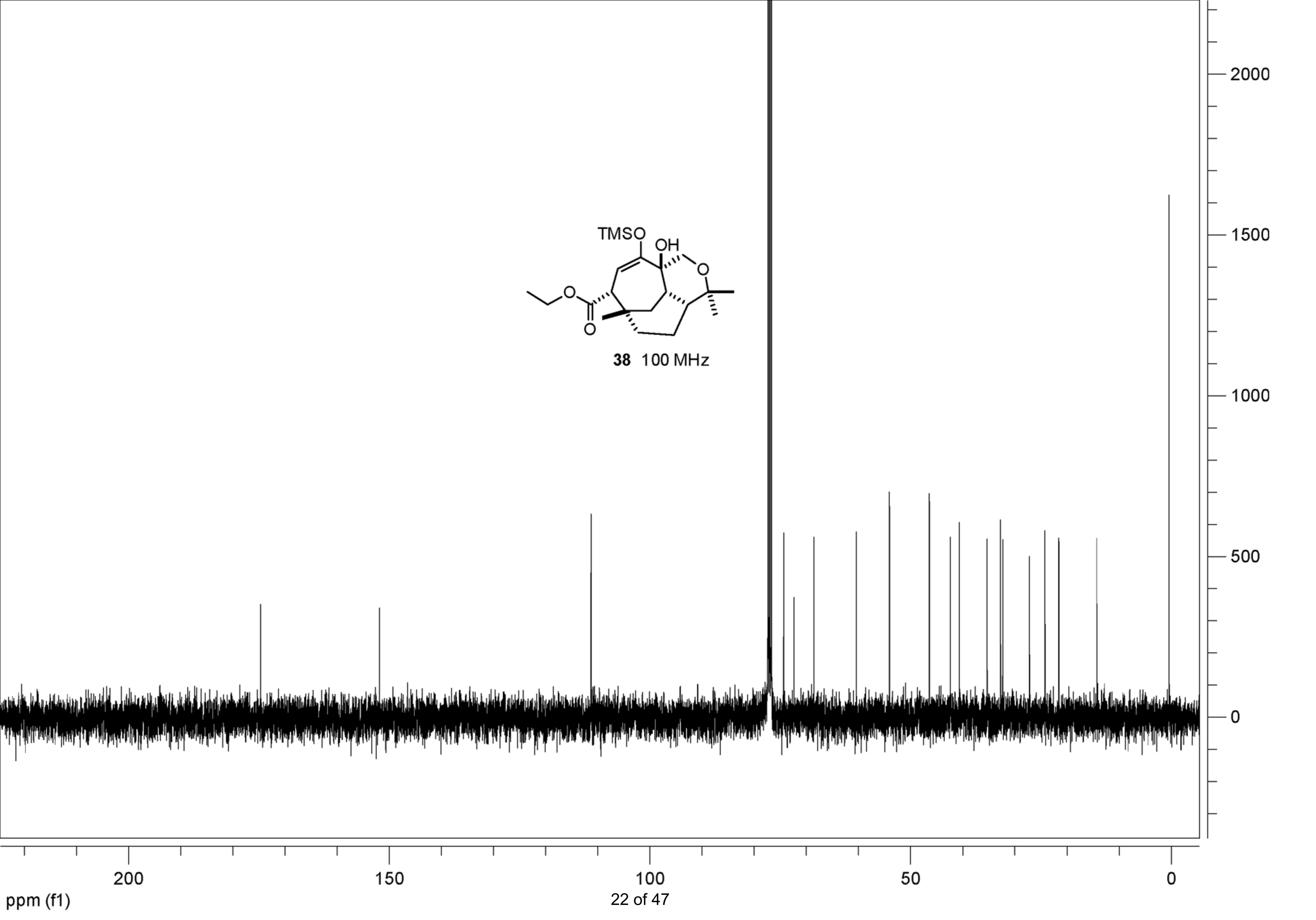
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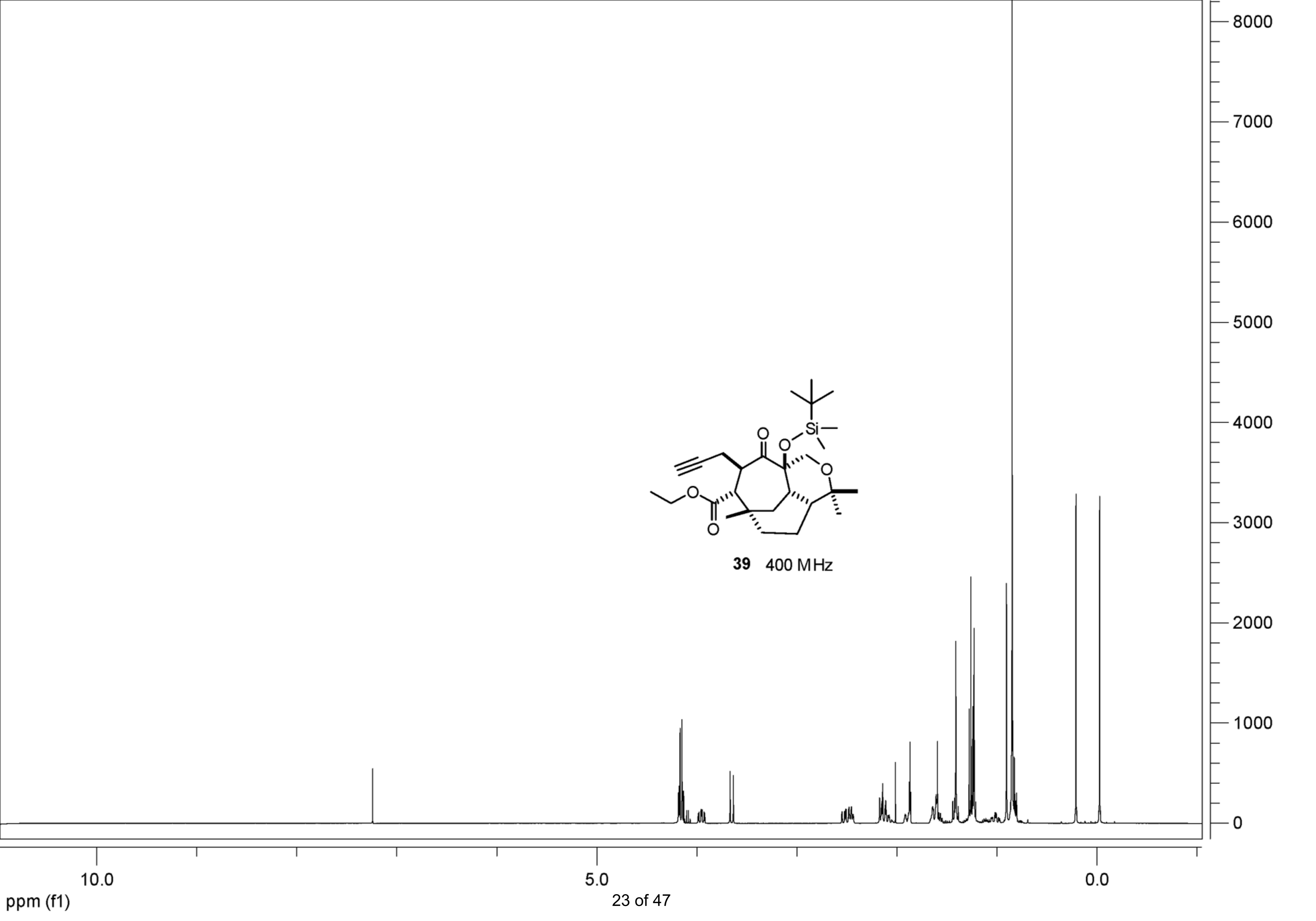






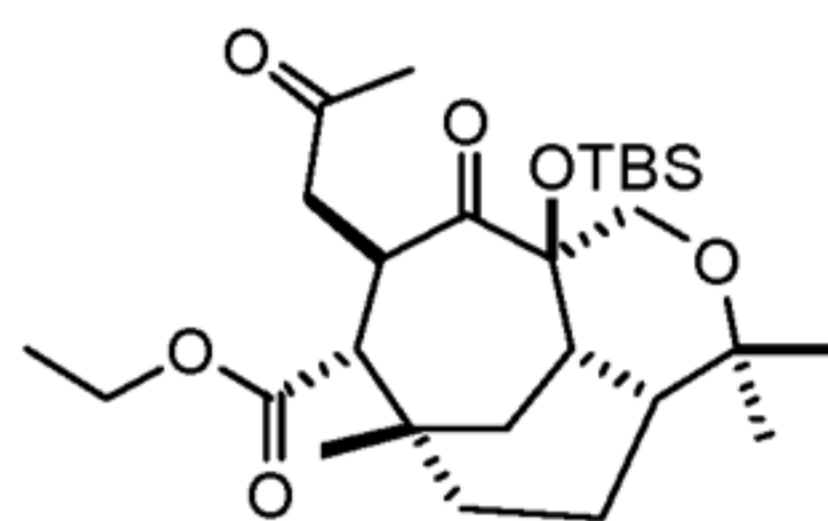




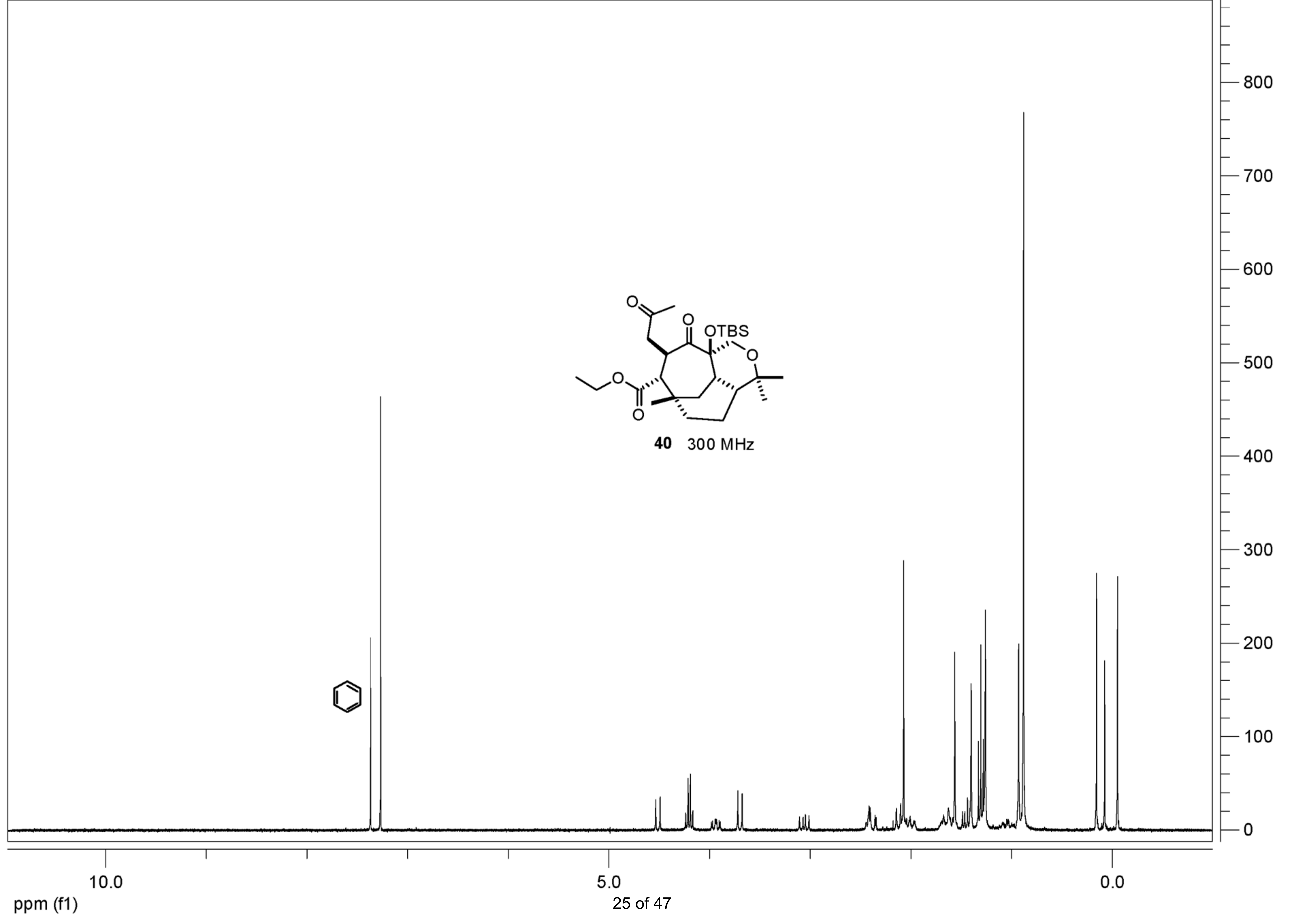








40 300 MHz



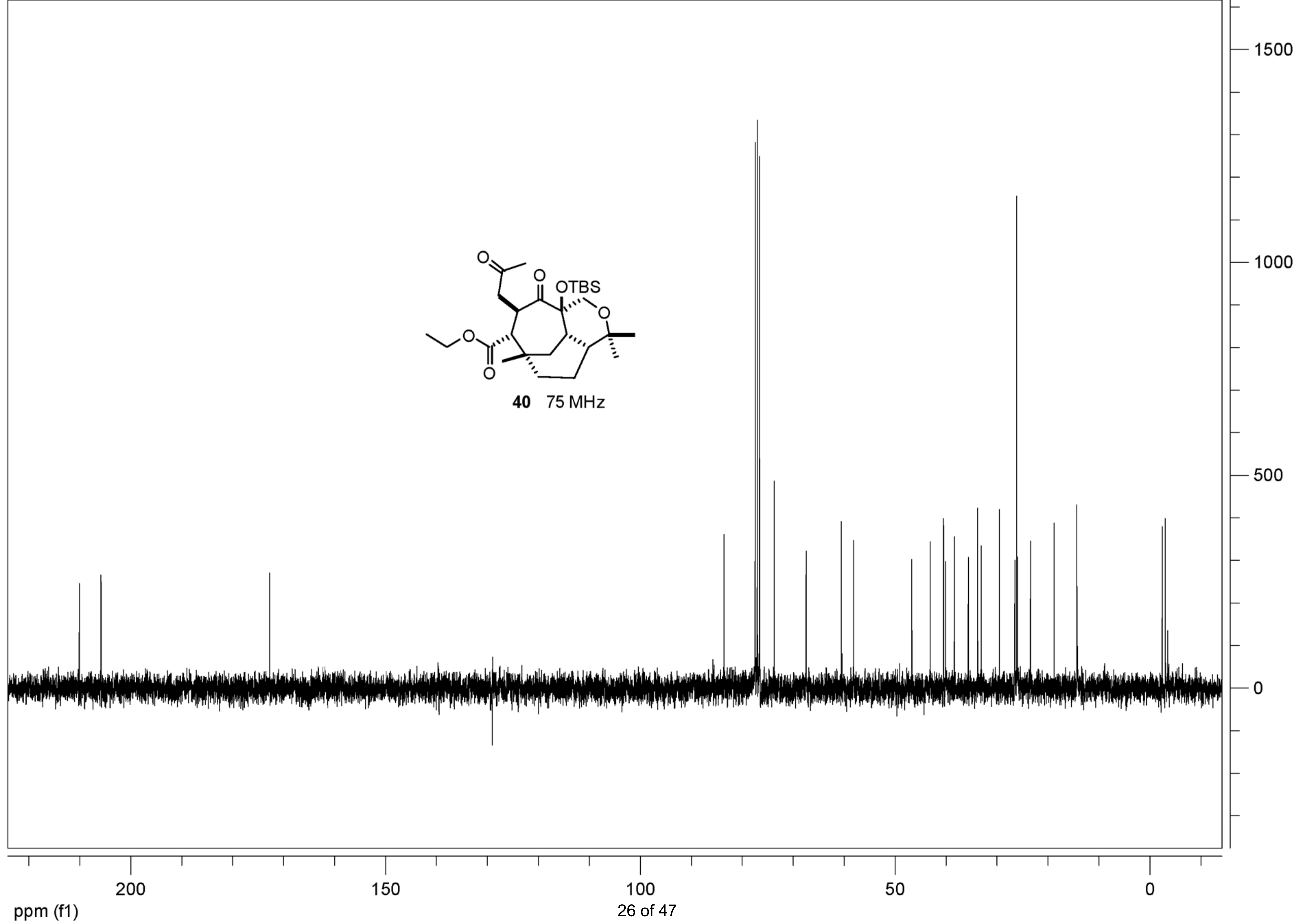
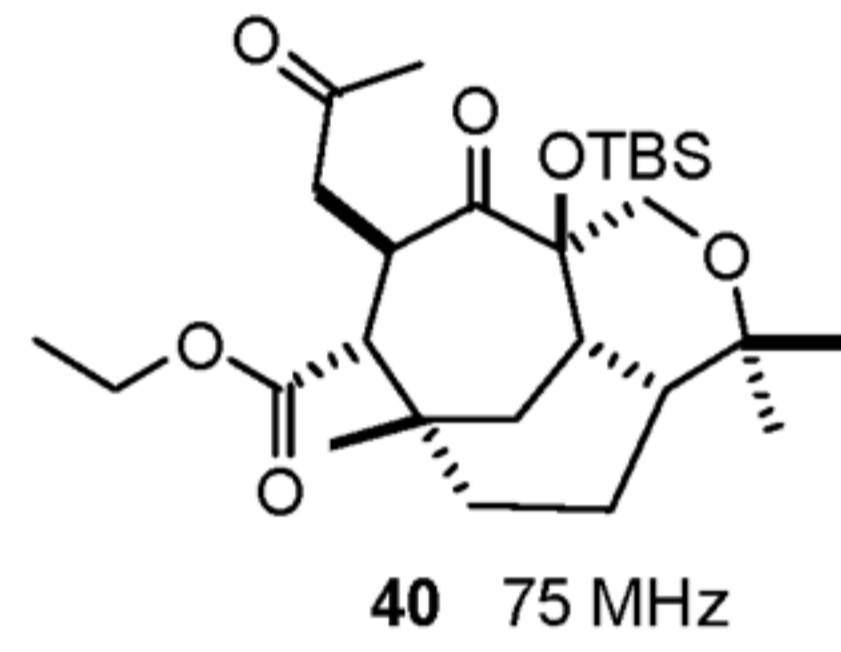
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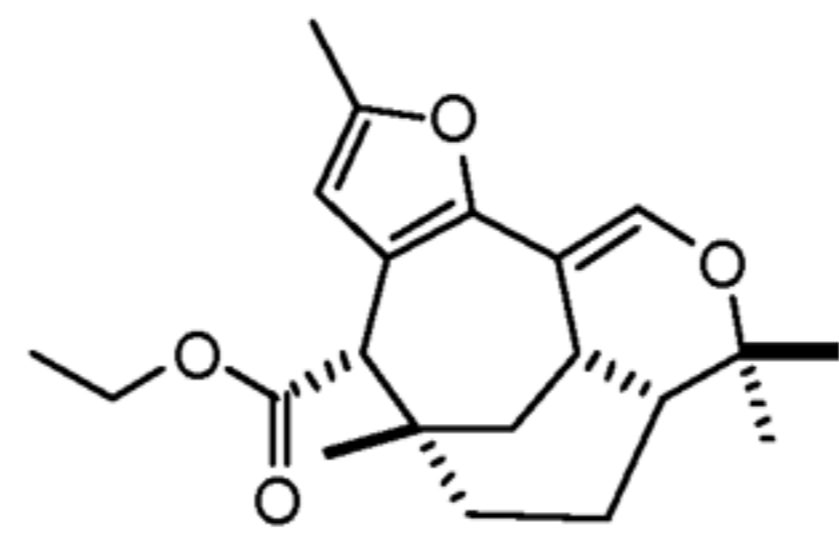
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0.0

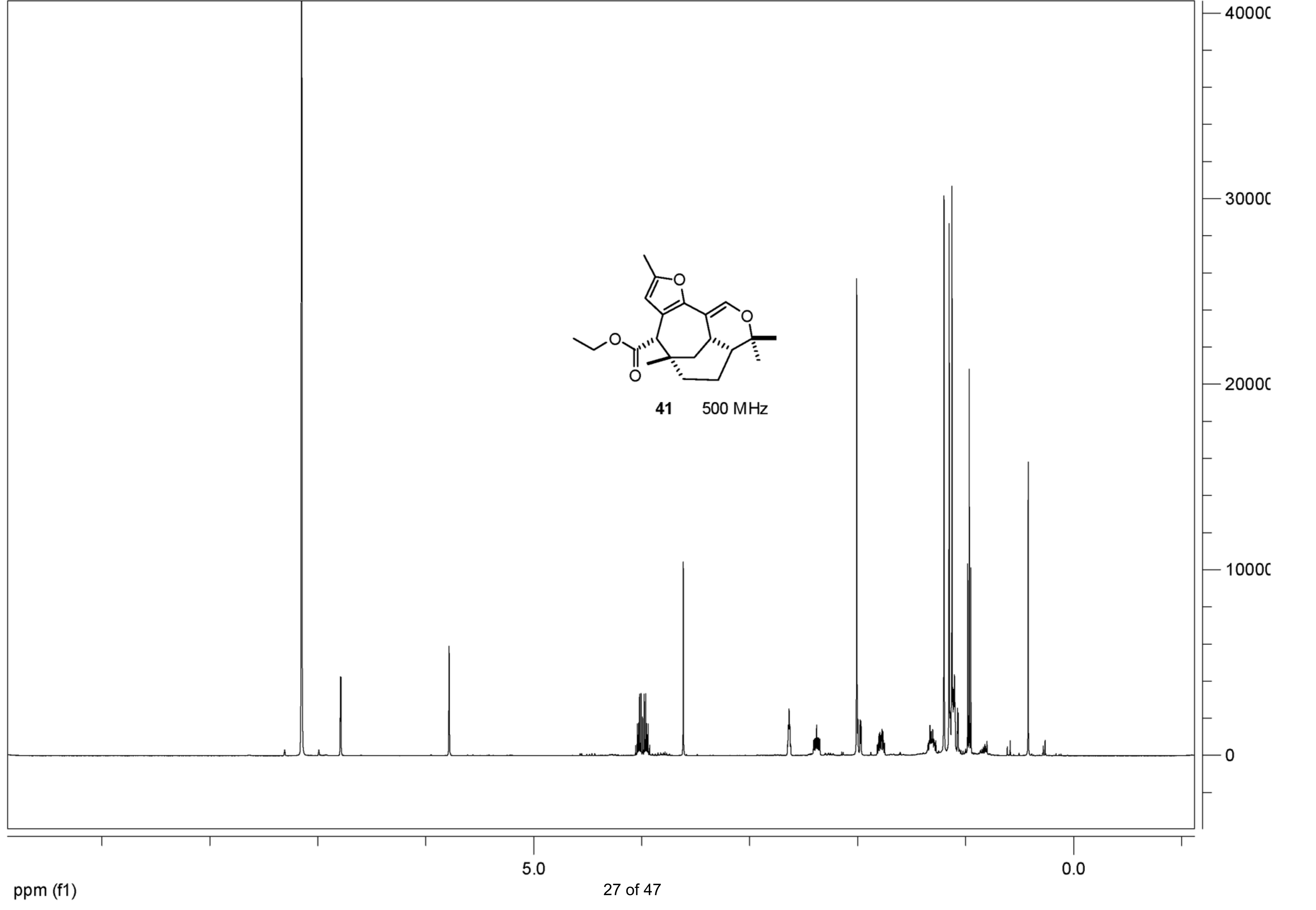
ppm (f1)

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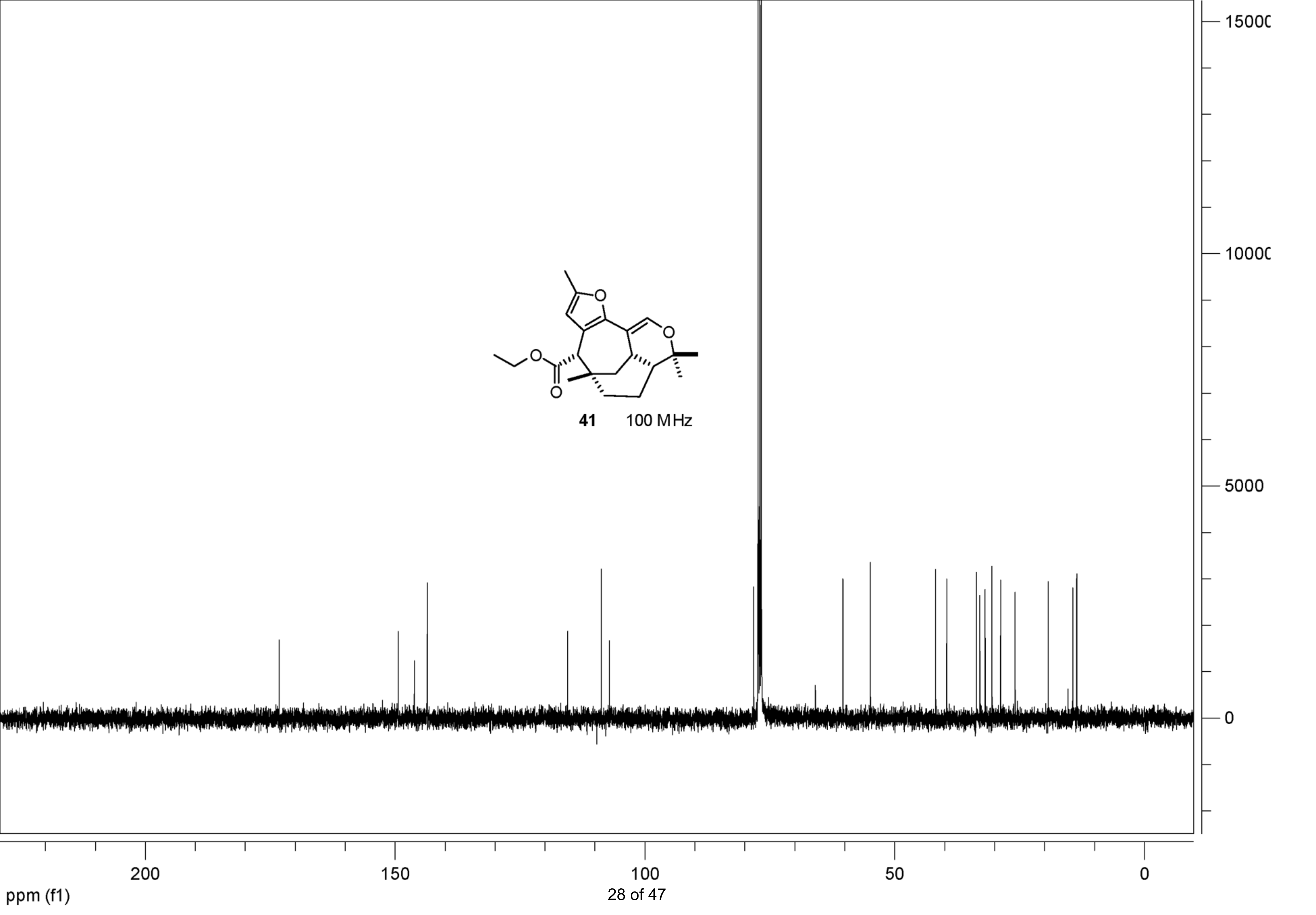
41 500 MHz

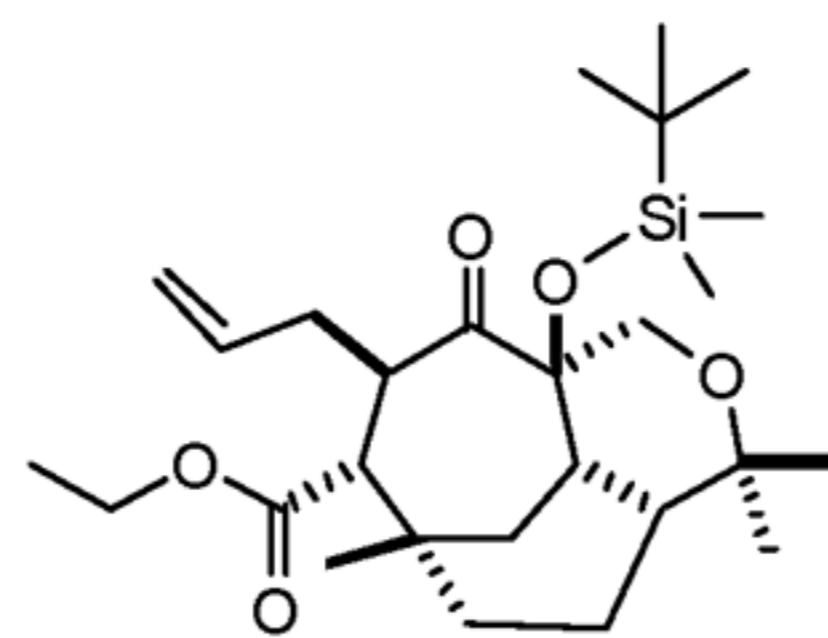


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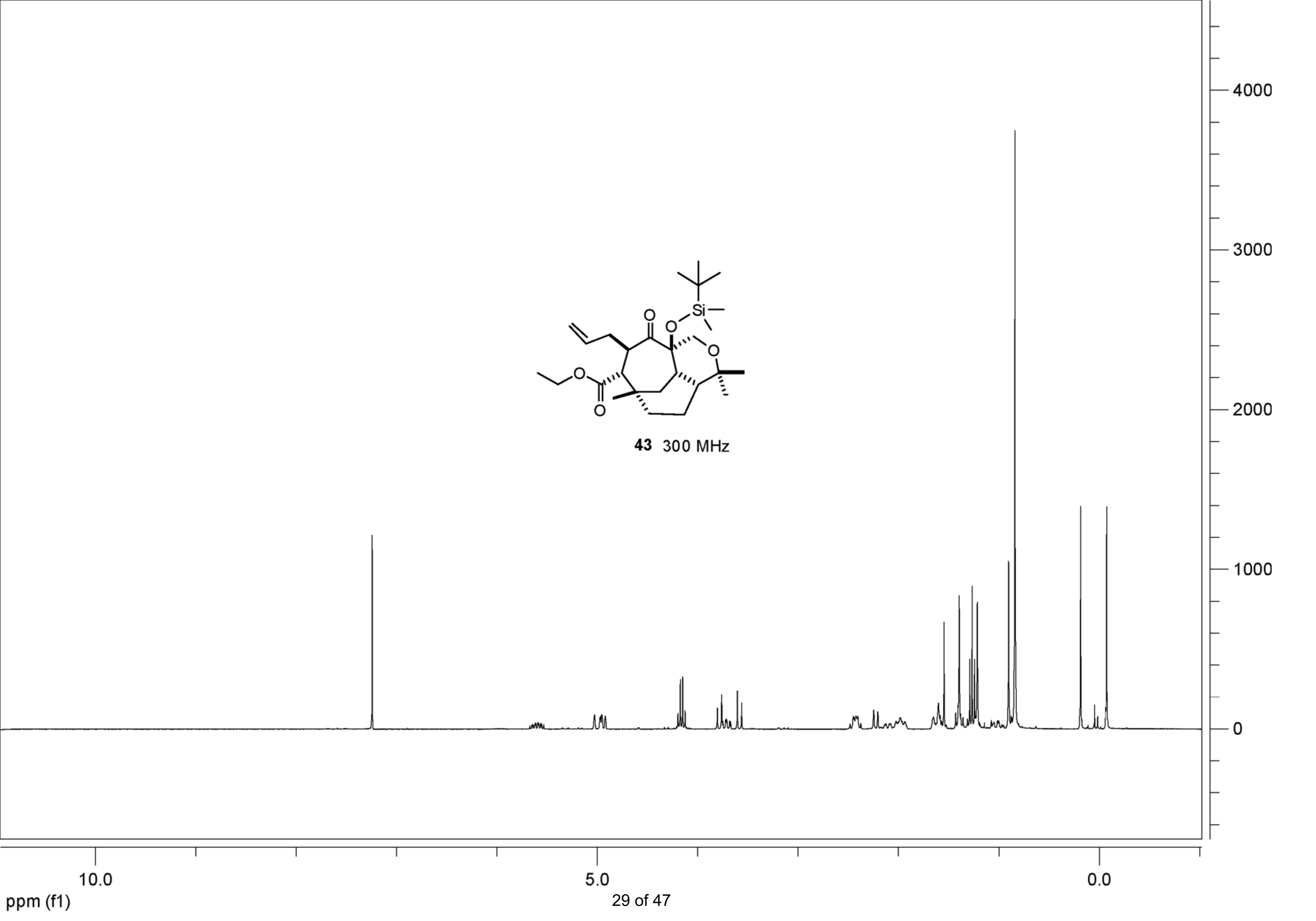
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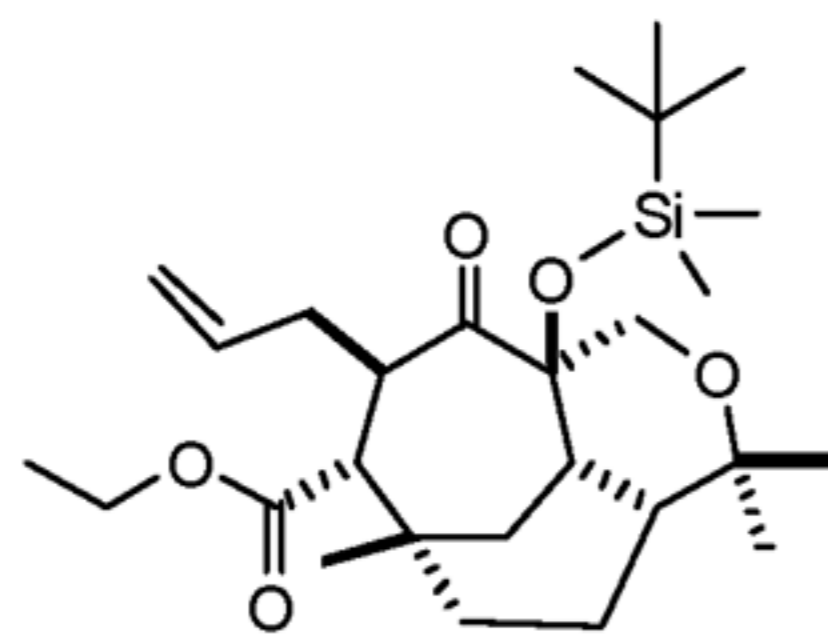
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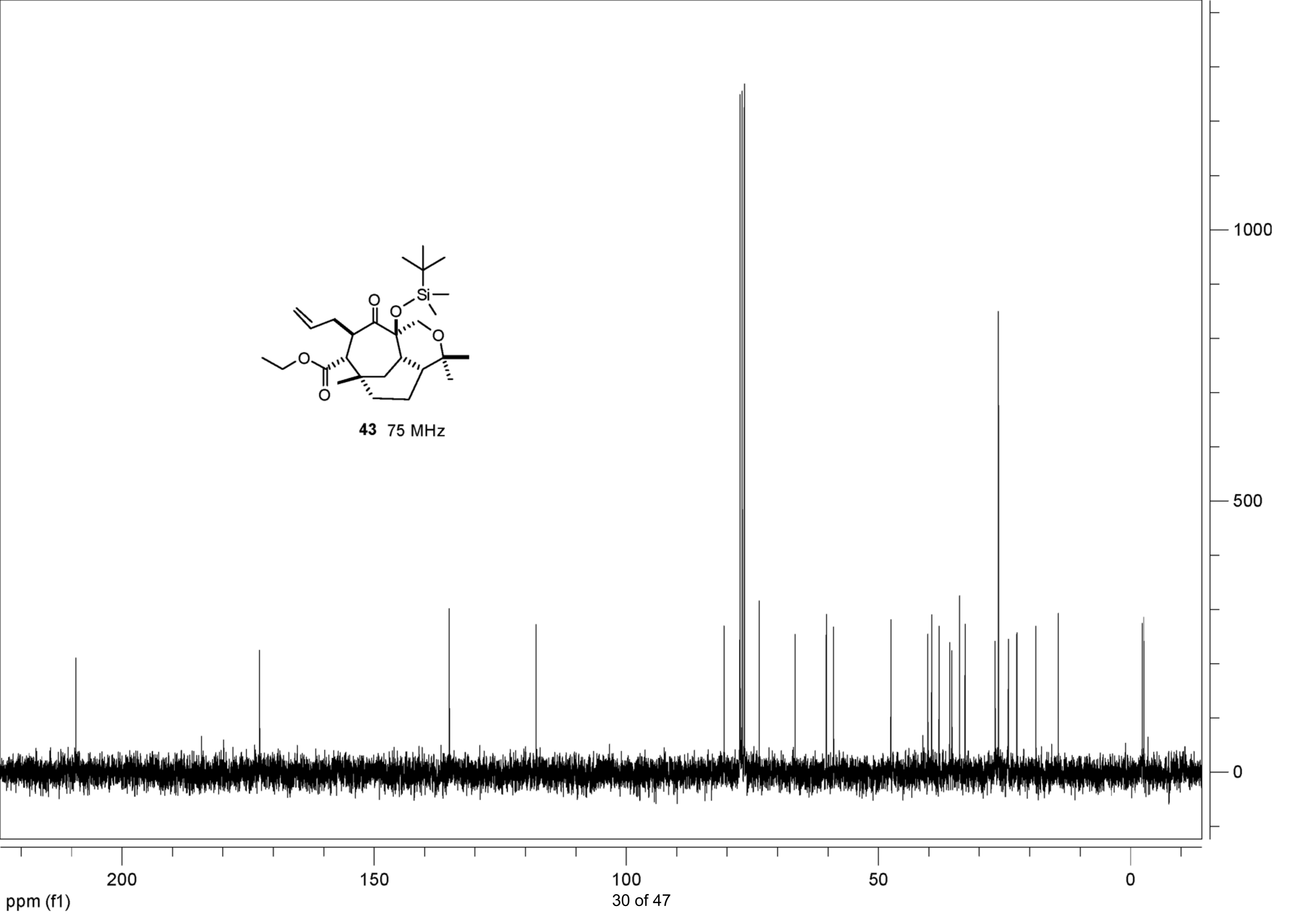


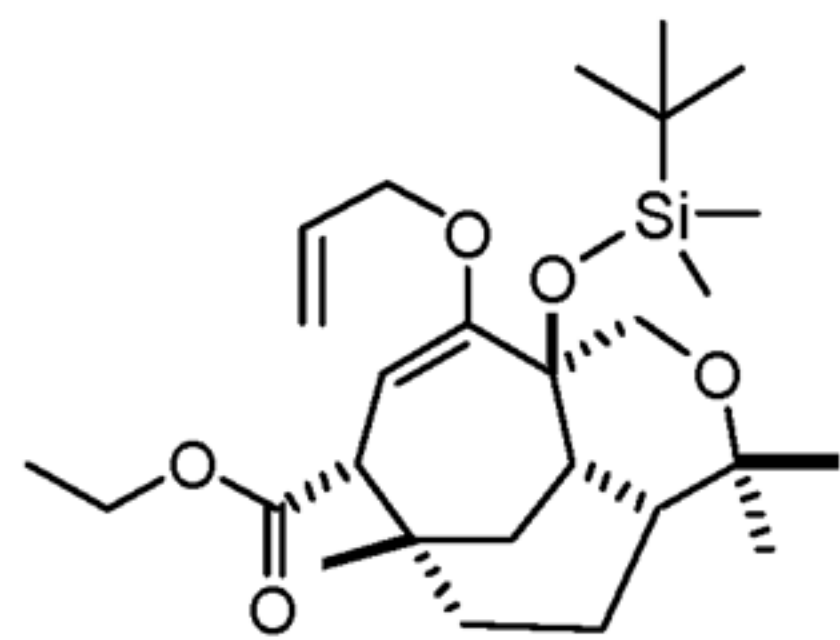
43 300 MHz



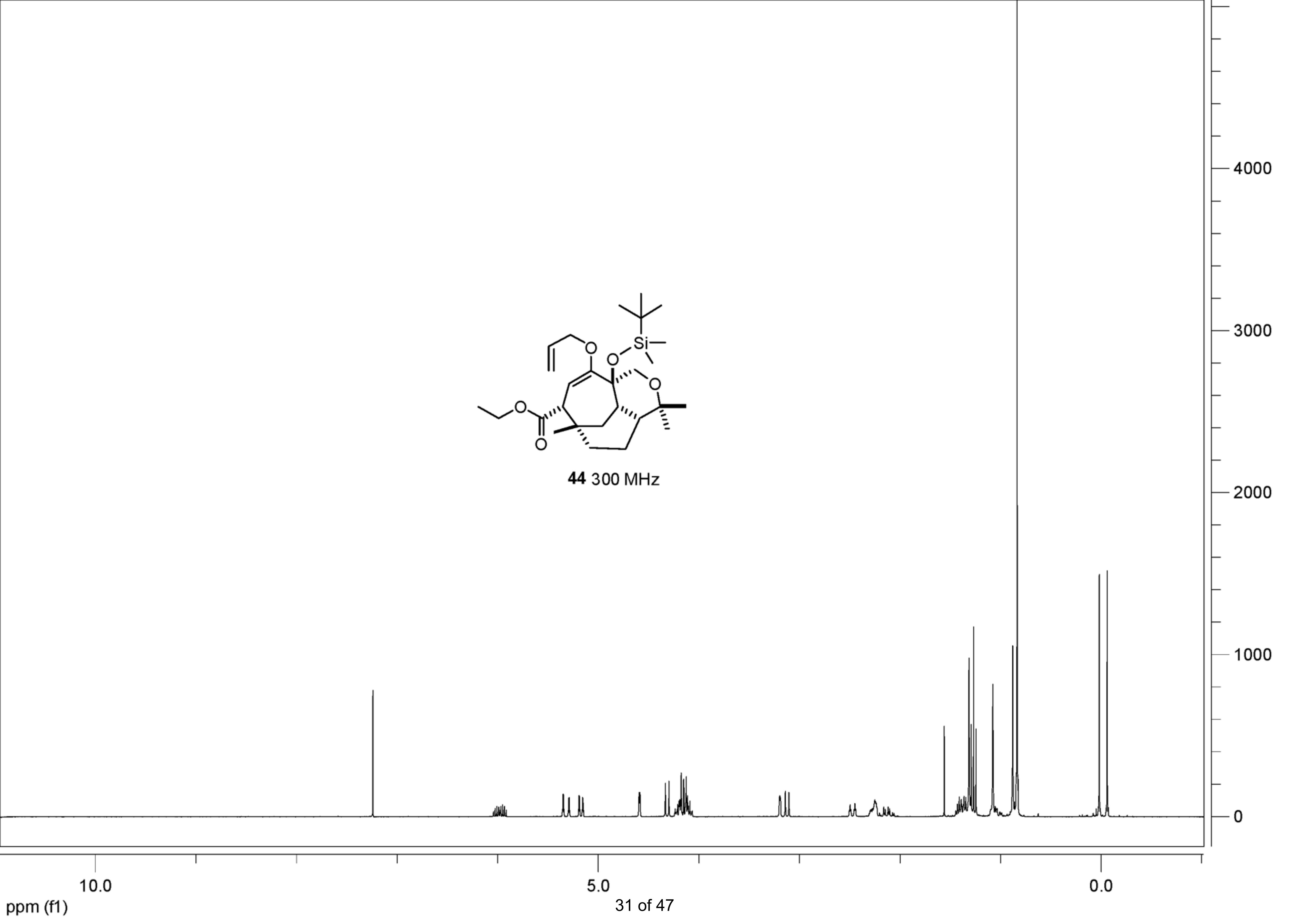


43 75 MHz

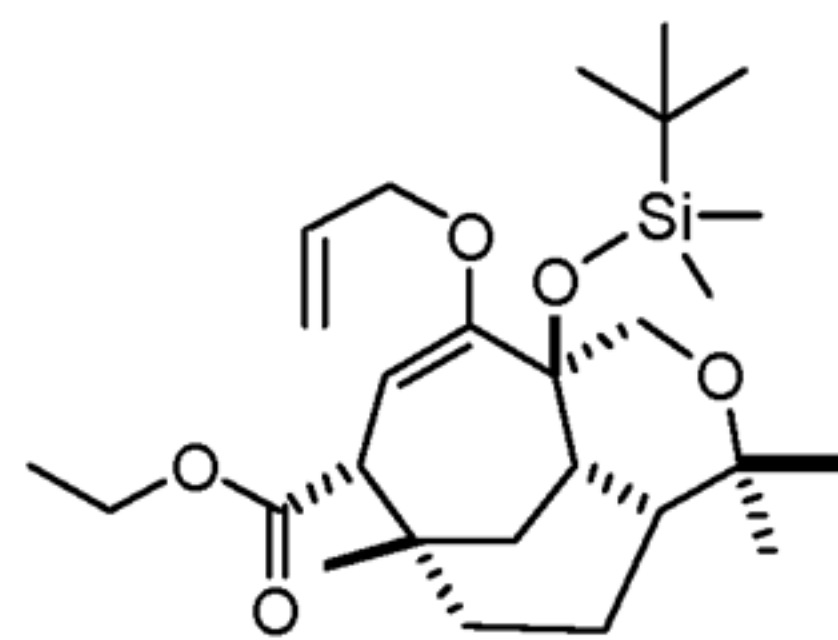




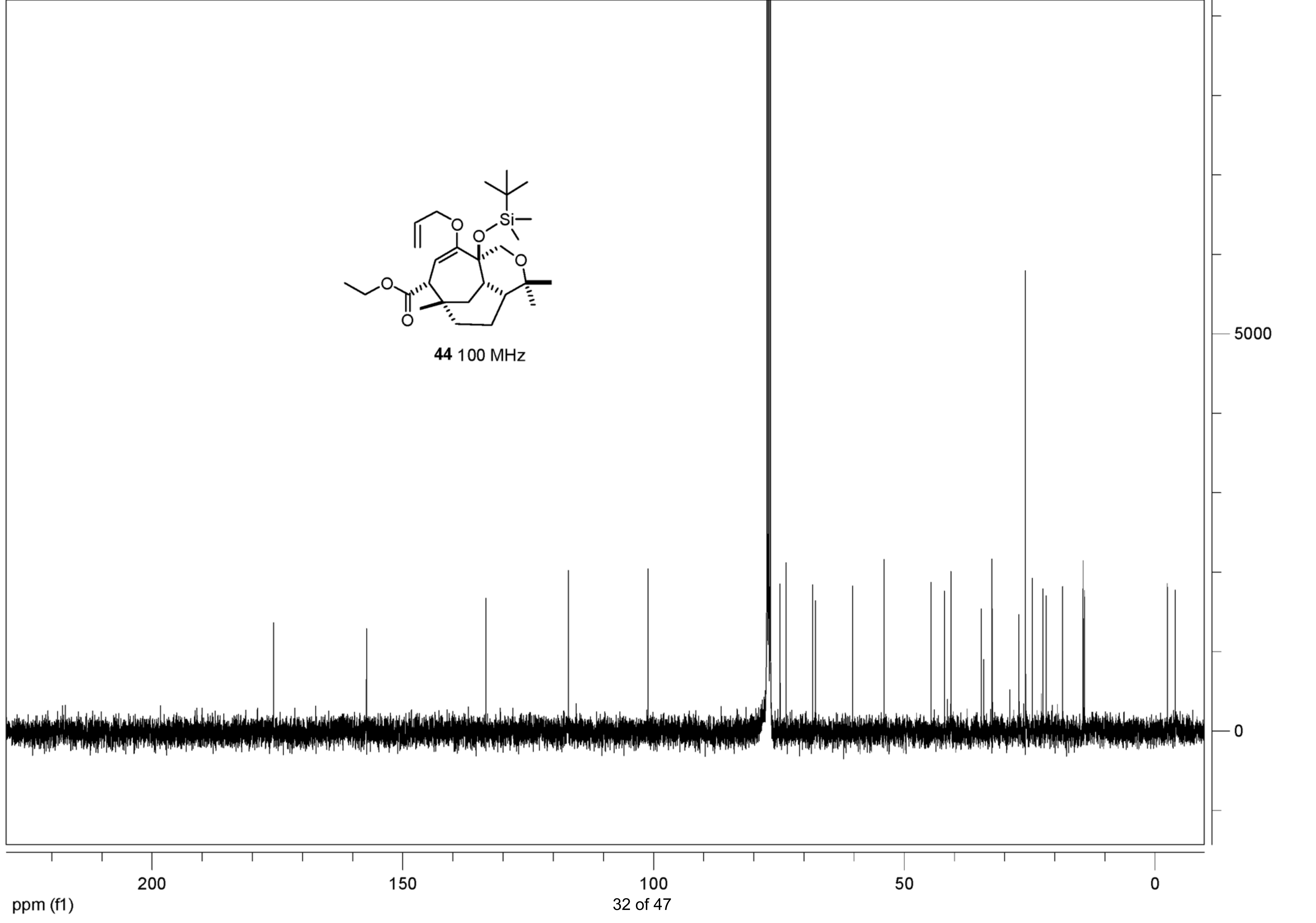
44 300 MHz



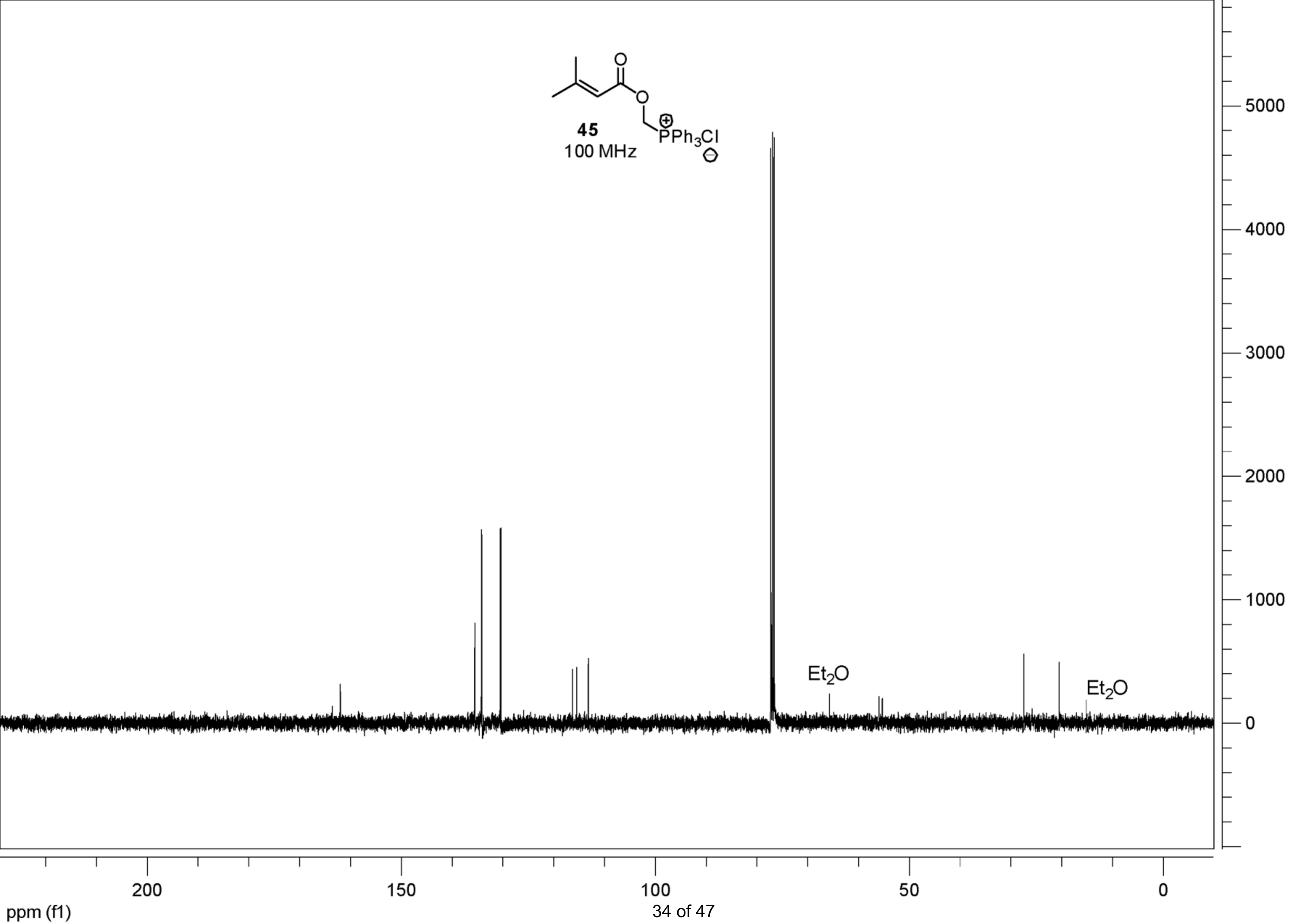
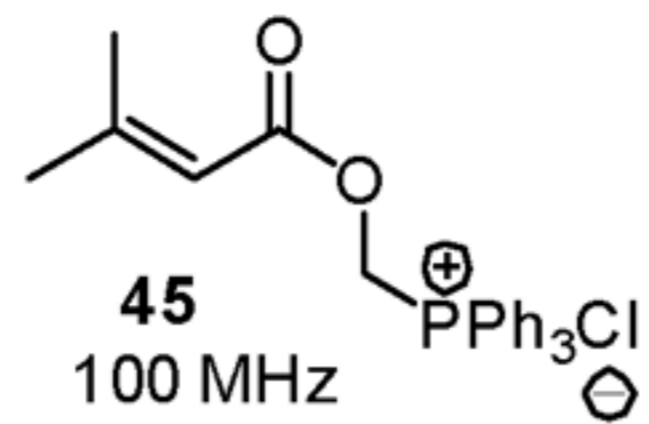


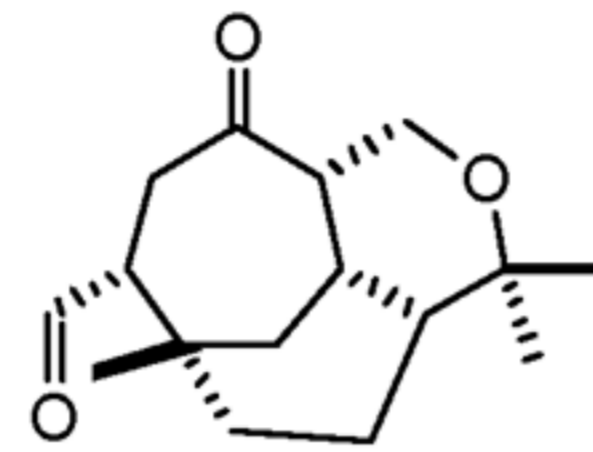


44 100 MHz

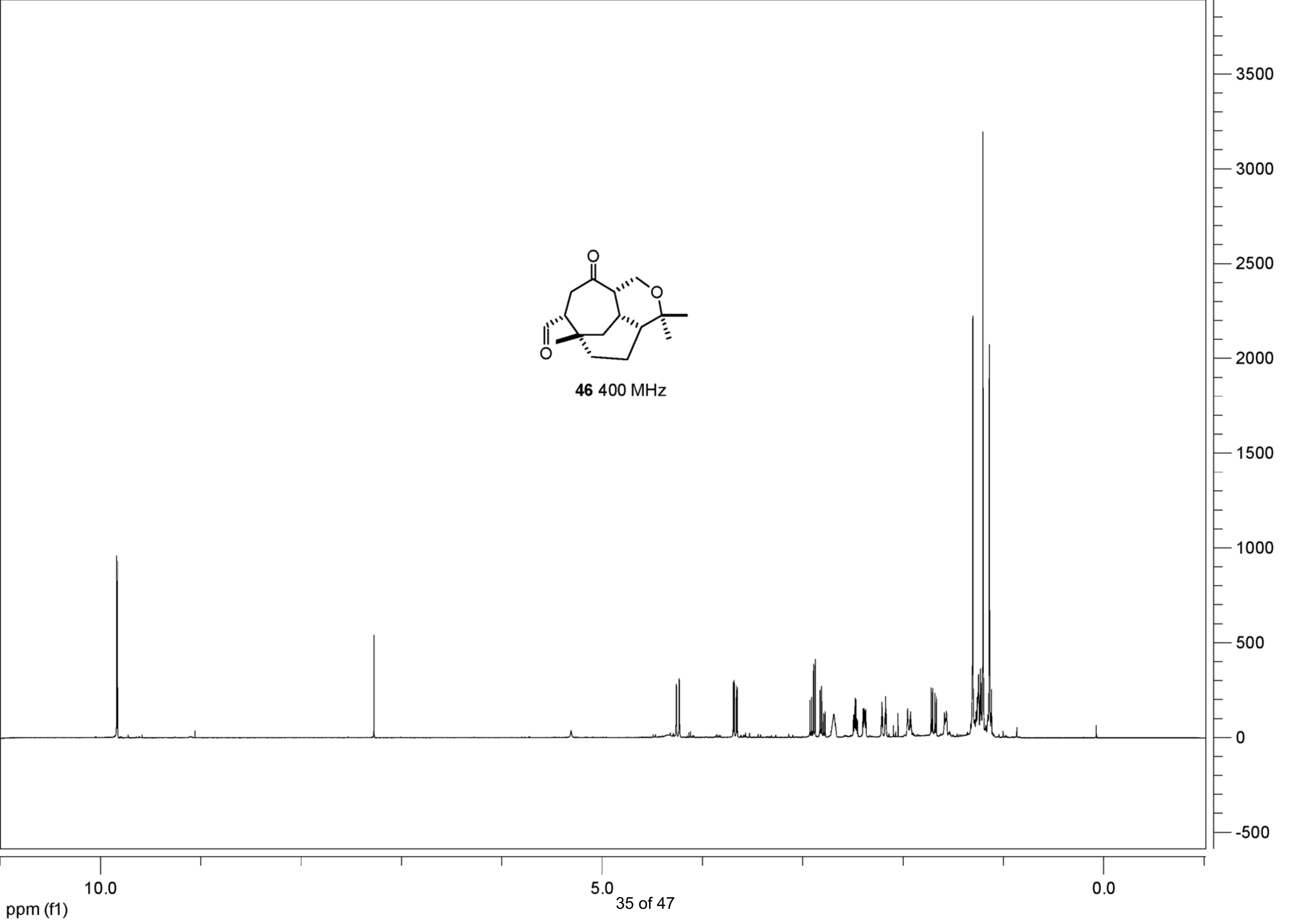


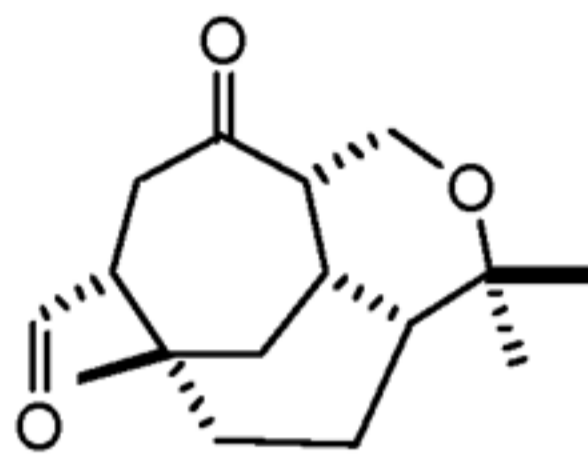




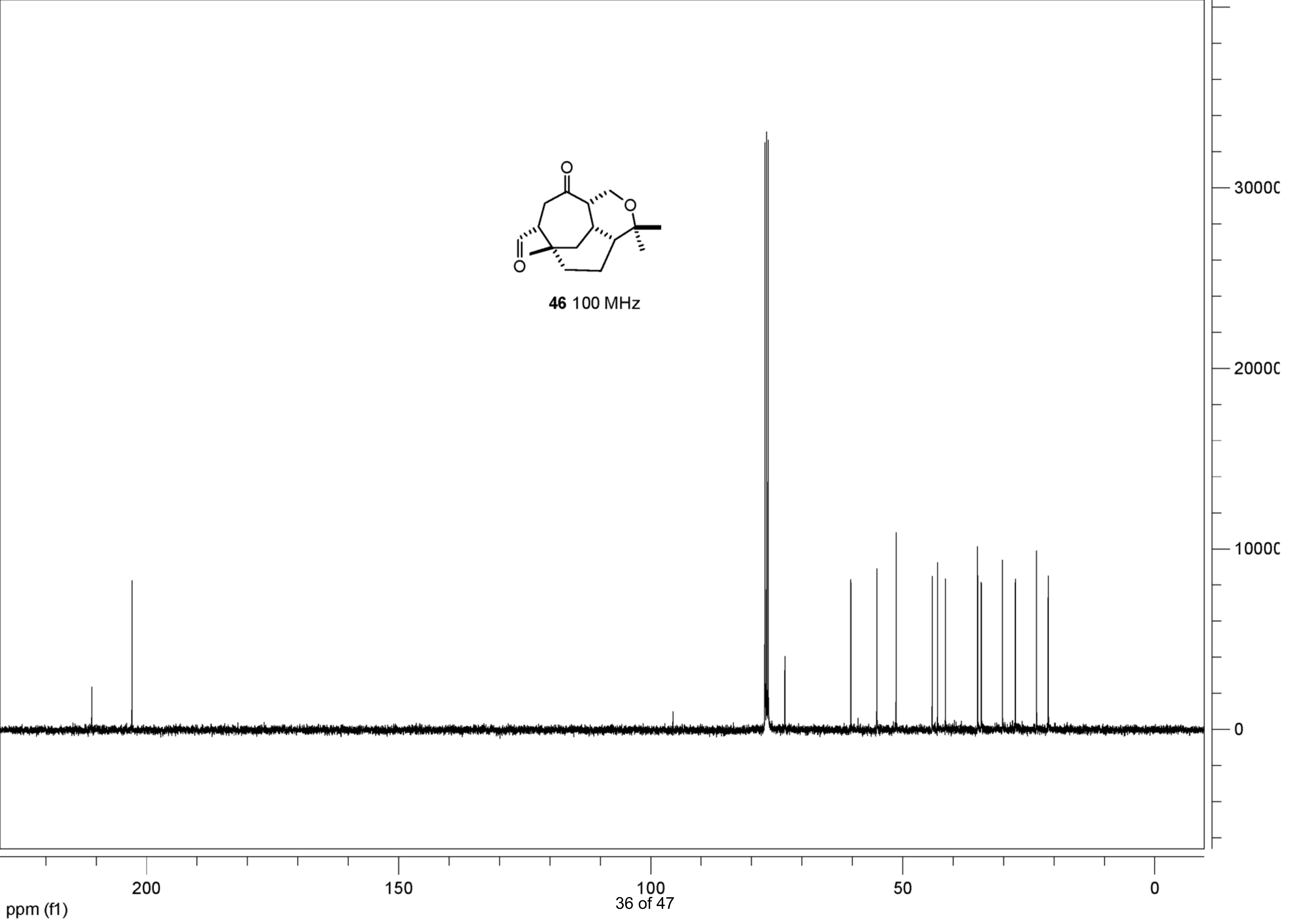


46 400 MHz



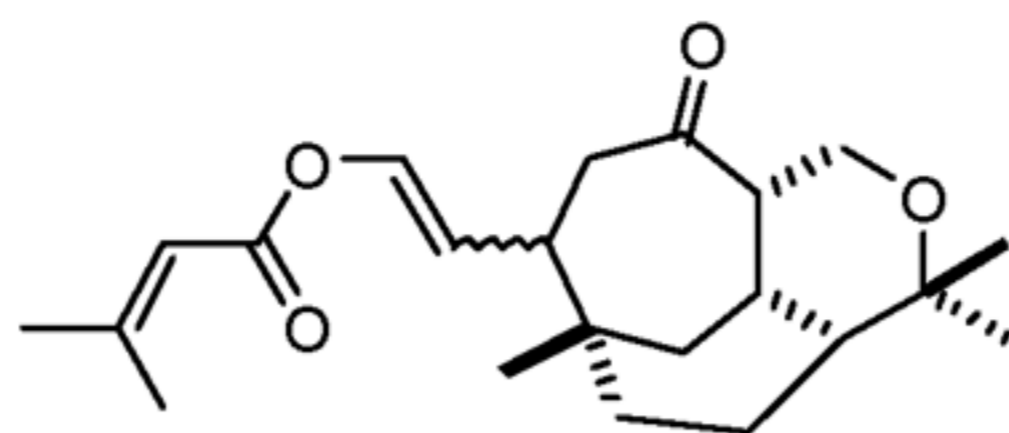


46 100 MHz

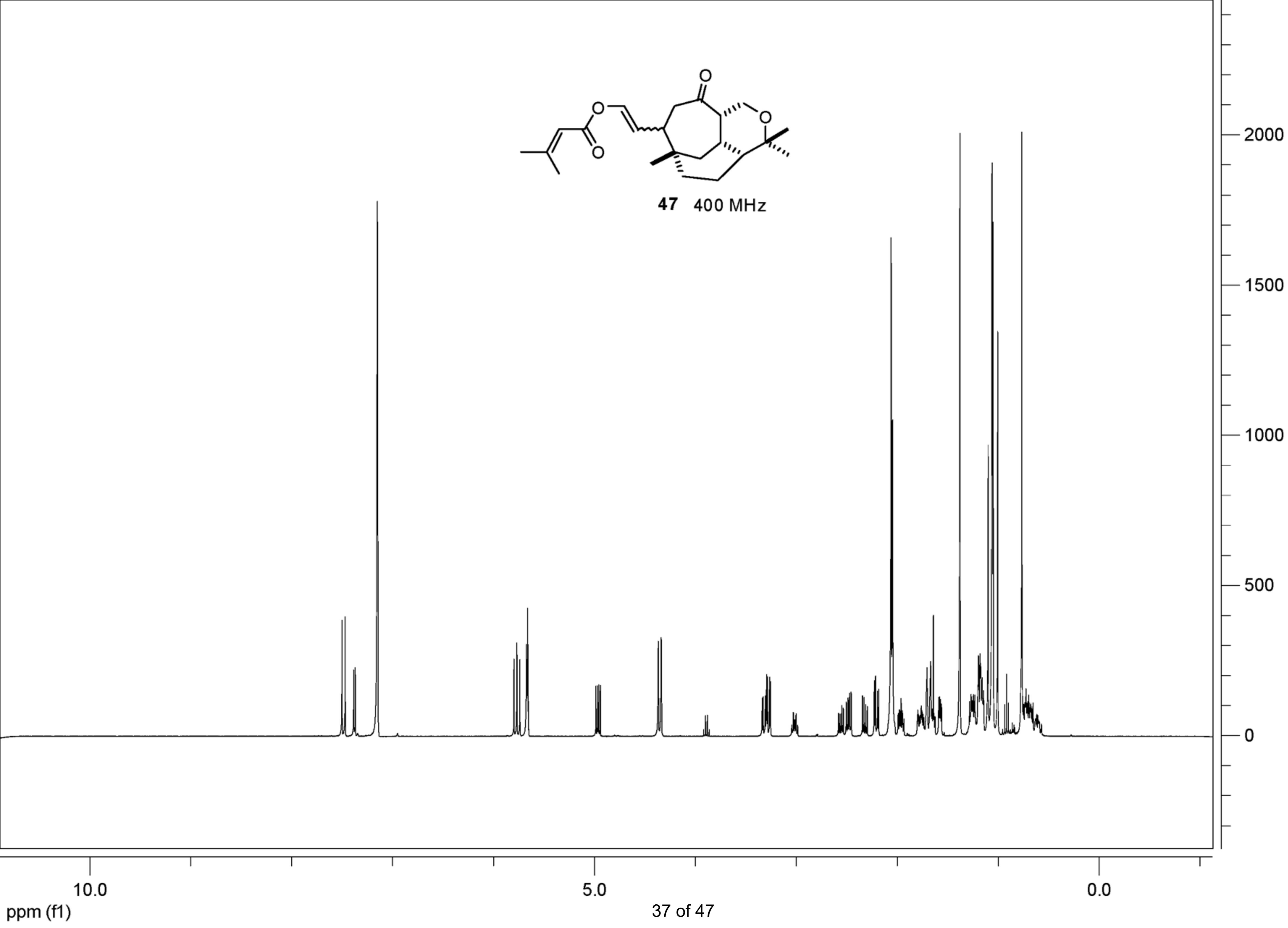


ppm (f1)

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47 400 MHz

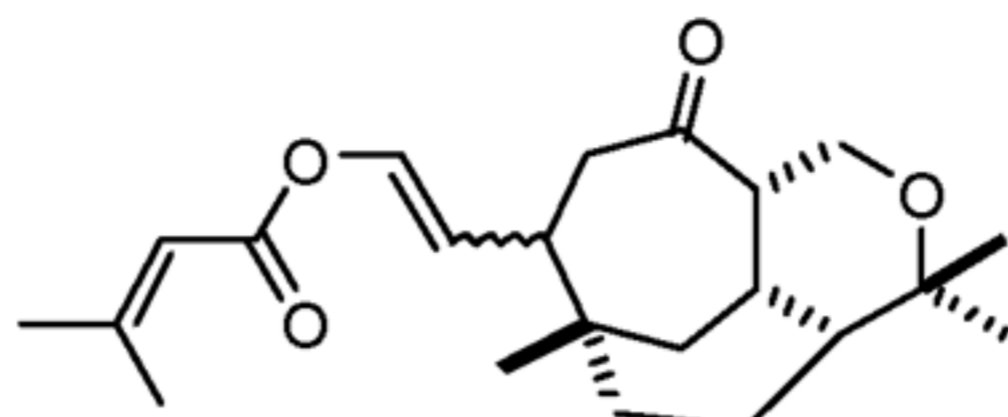


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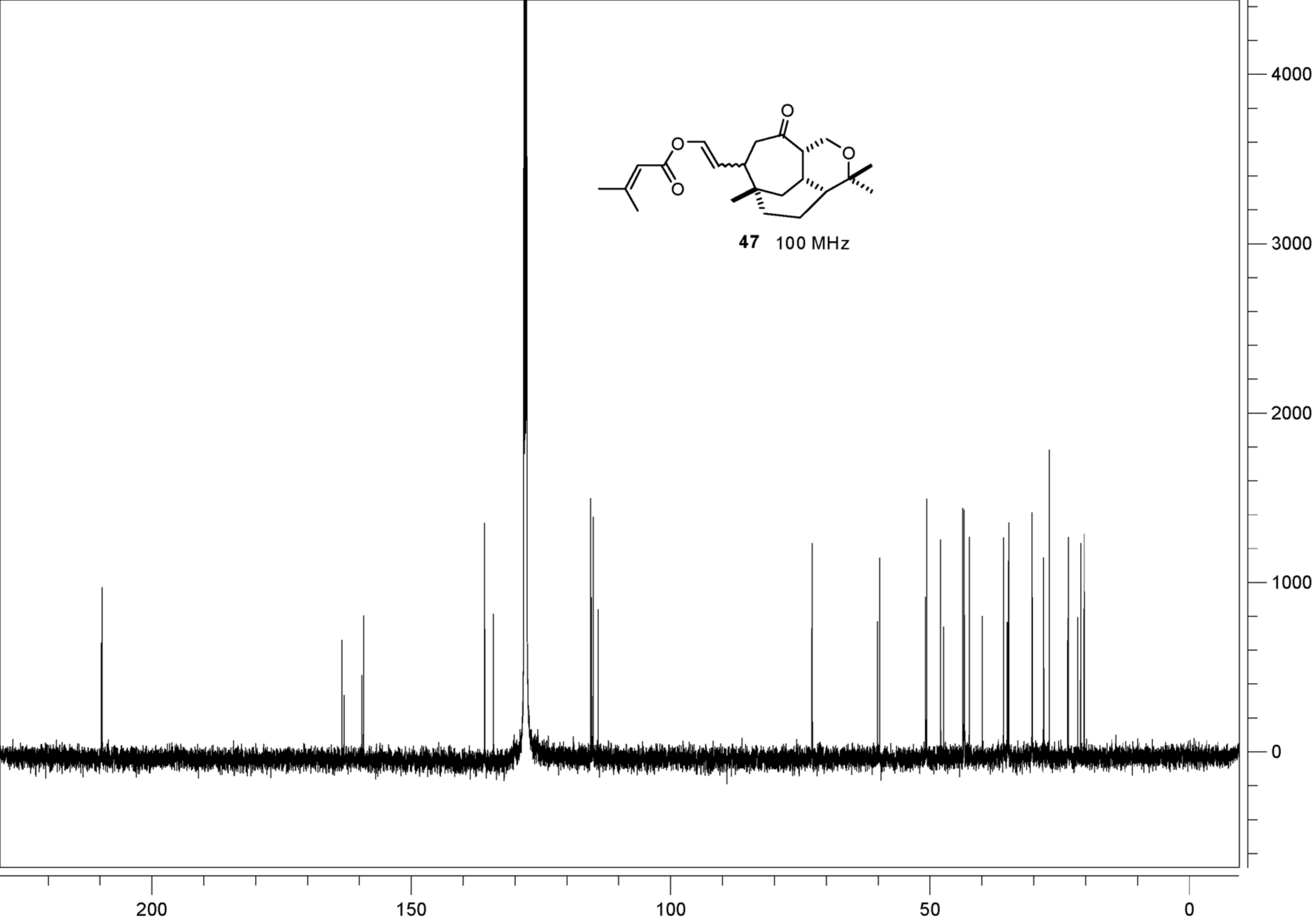
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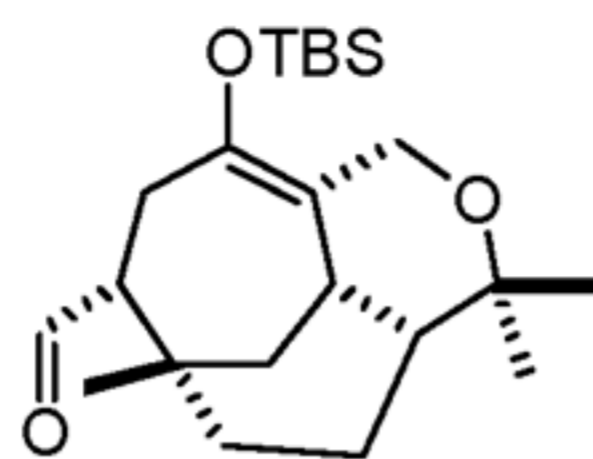
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ppm (f1)

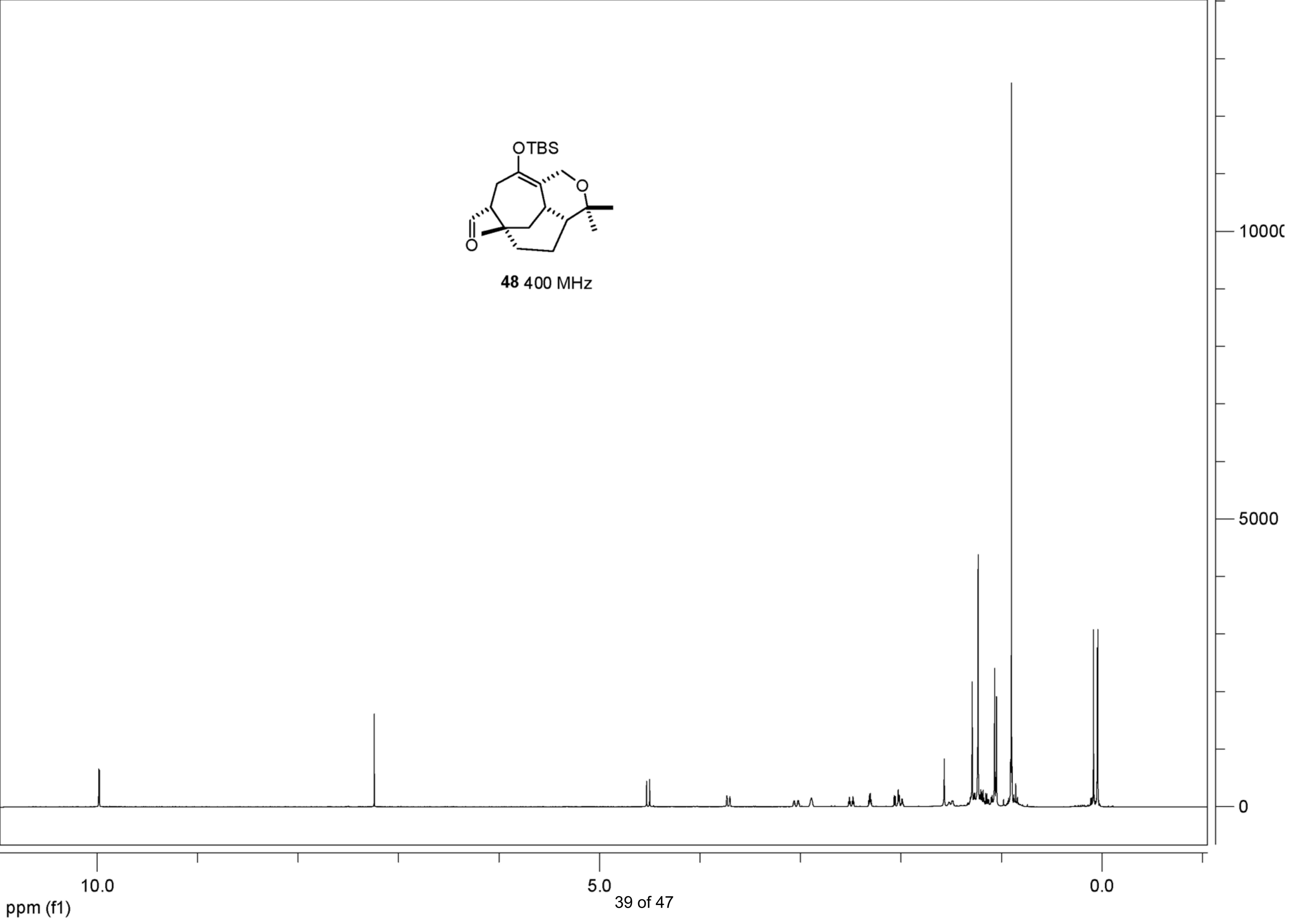


47 100 MHz



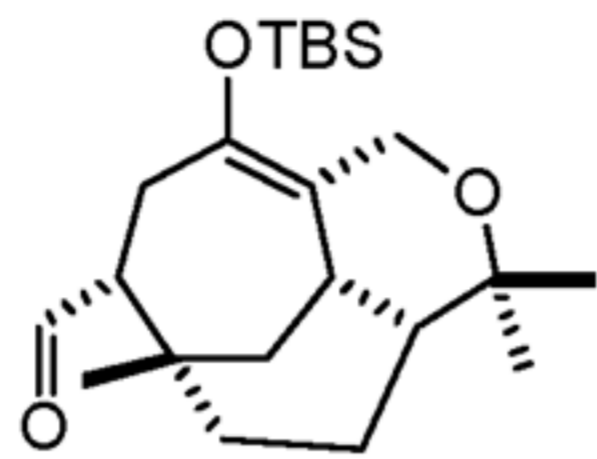


48 400 MHz

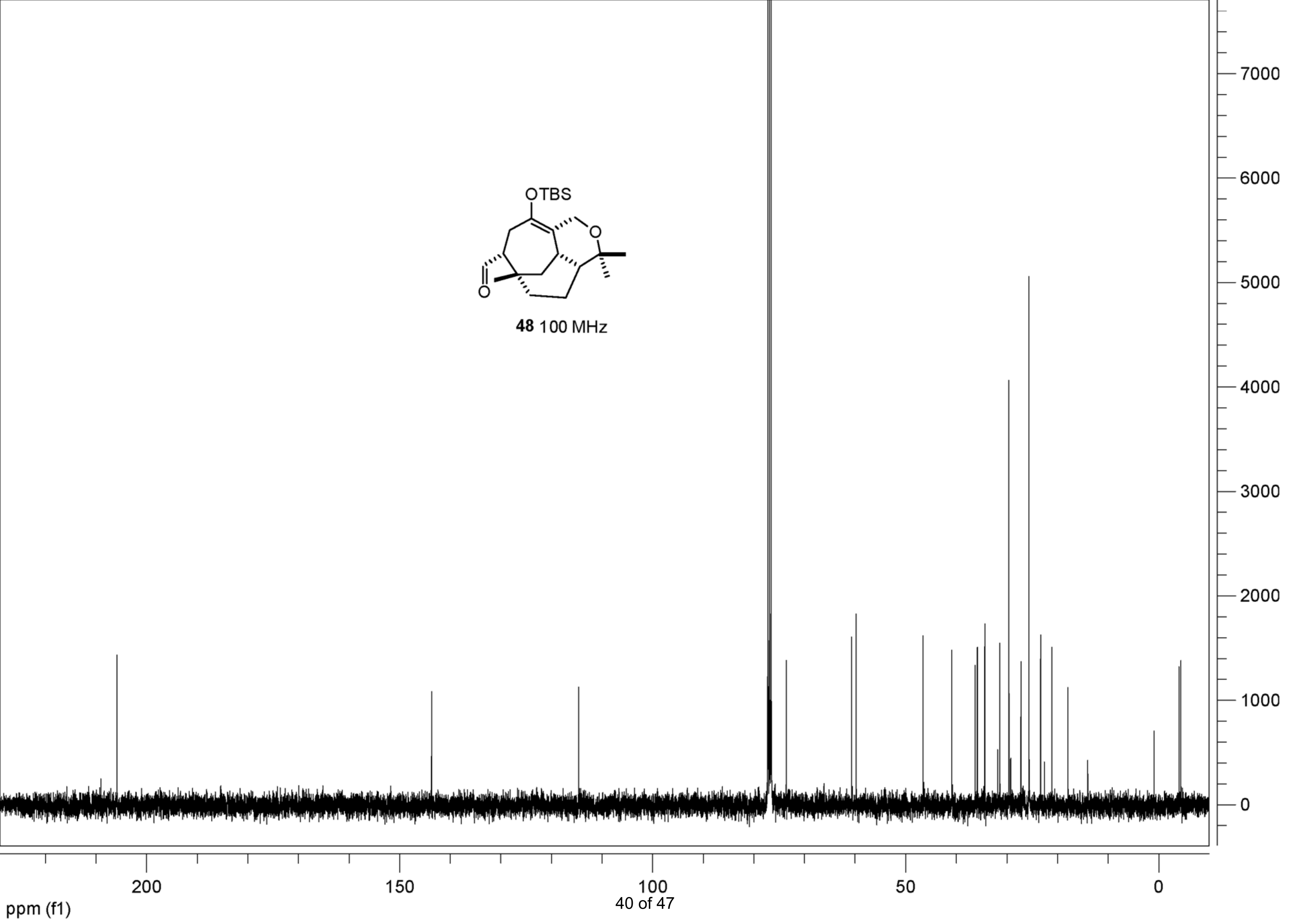


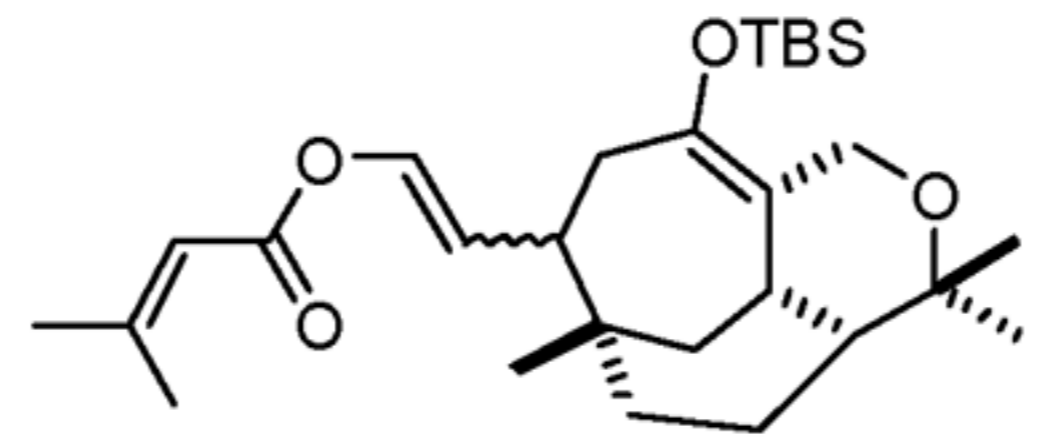
ppm (f1)



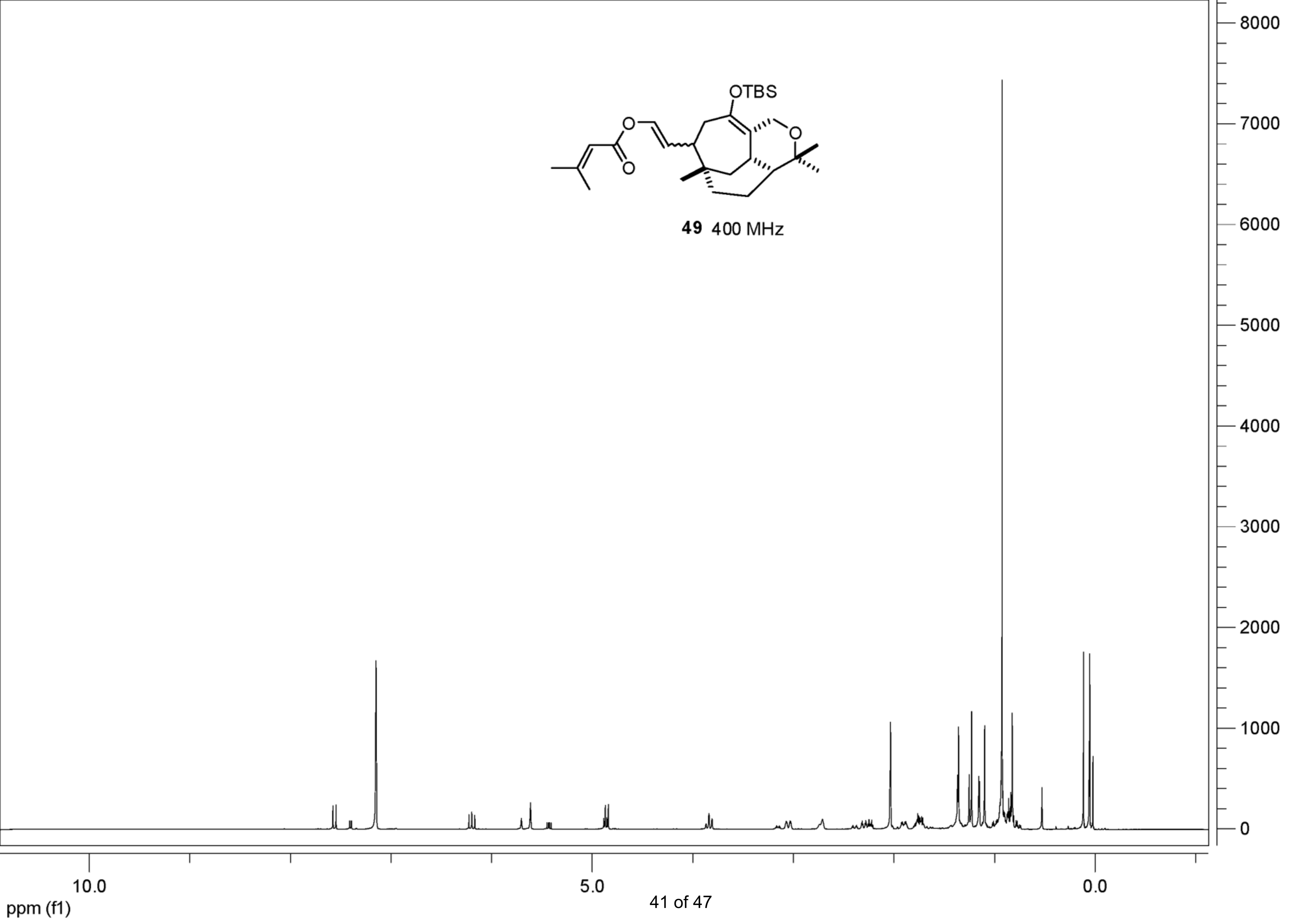


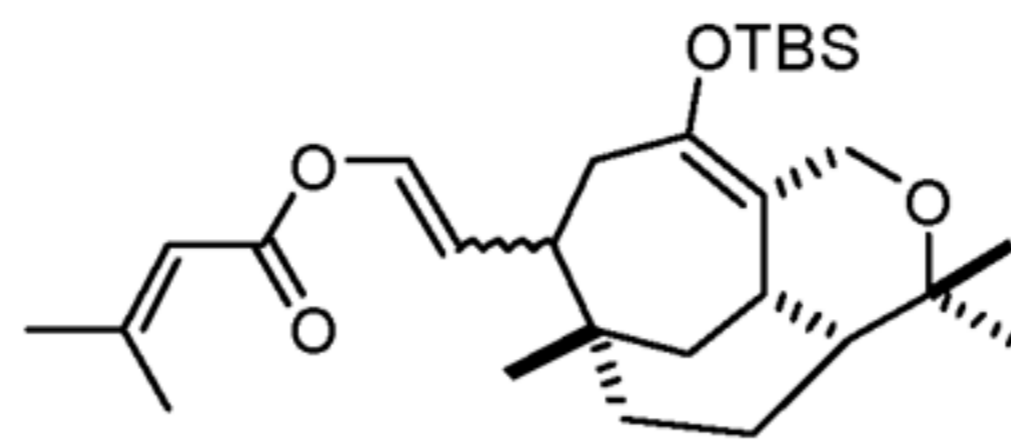
48 100 MHz



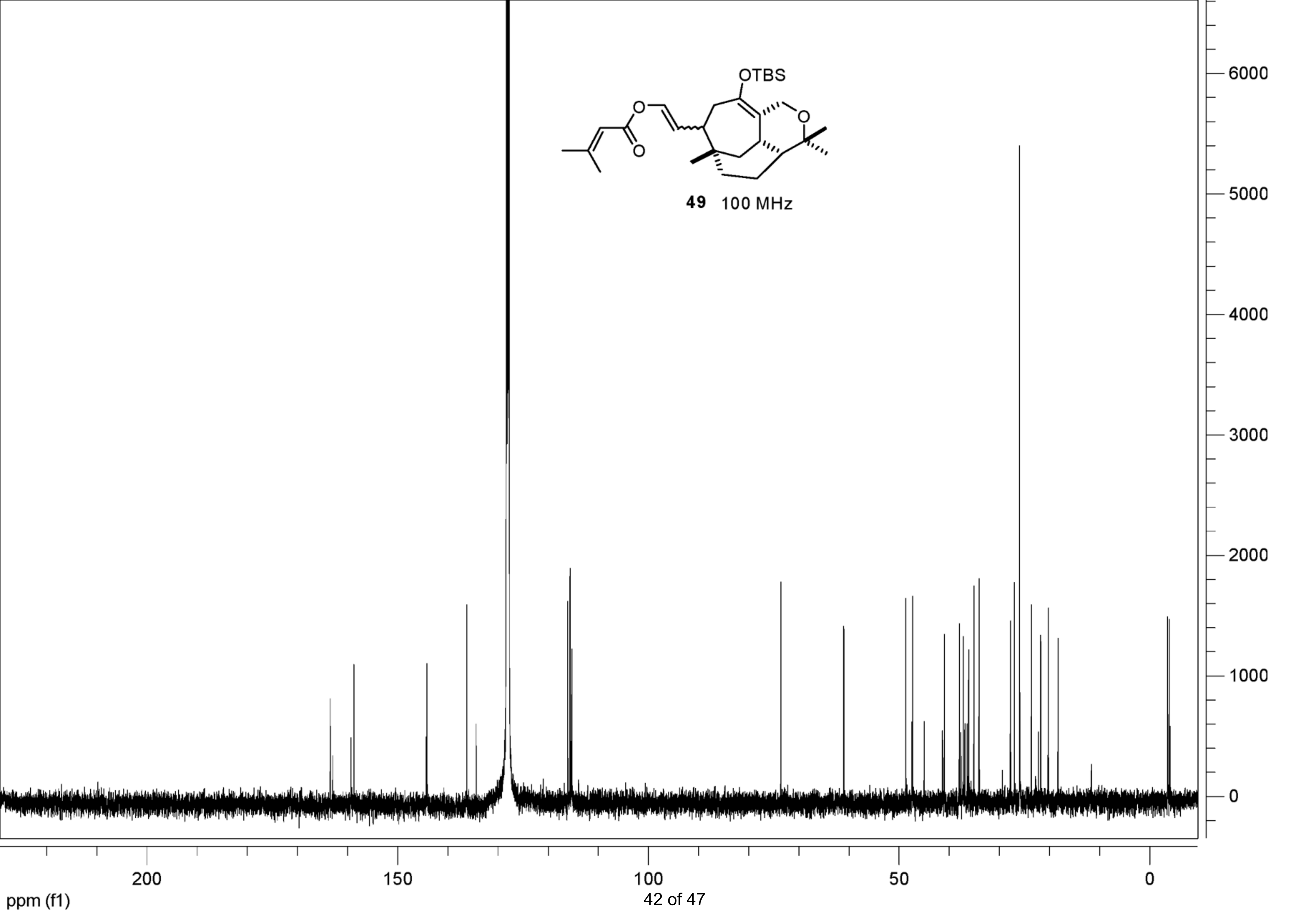


49 400 MHz





49 100 MHz



200

150

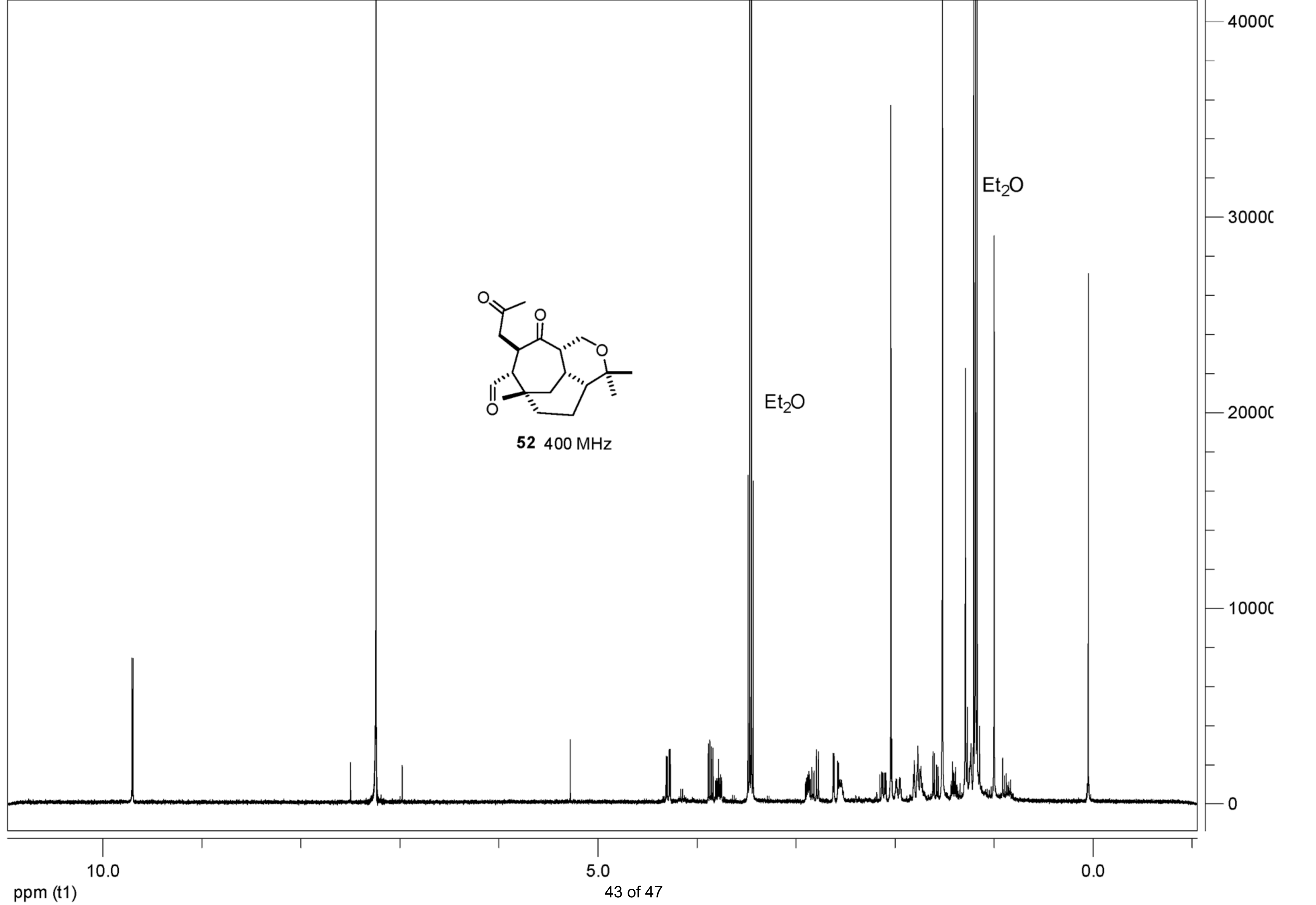
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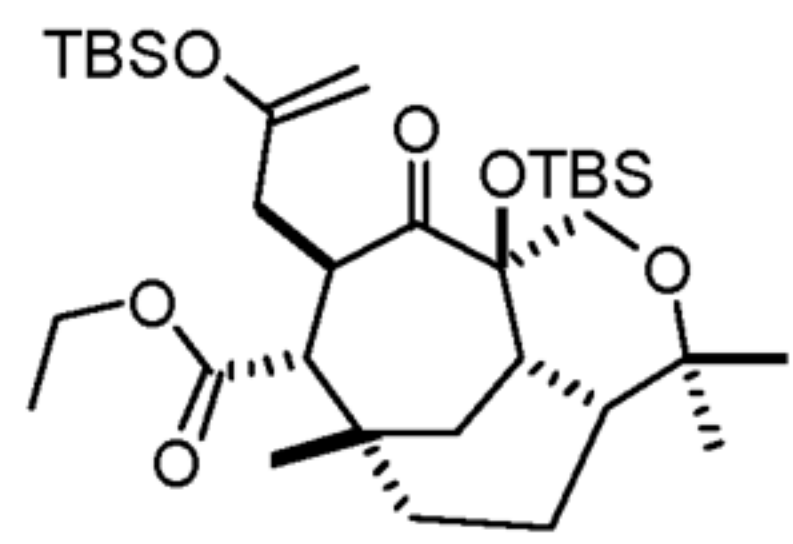
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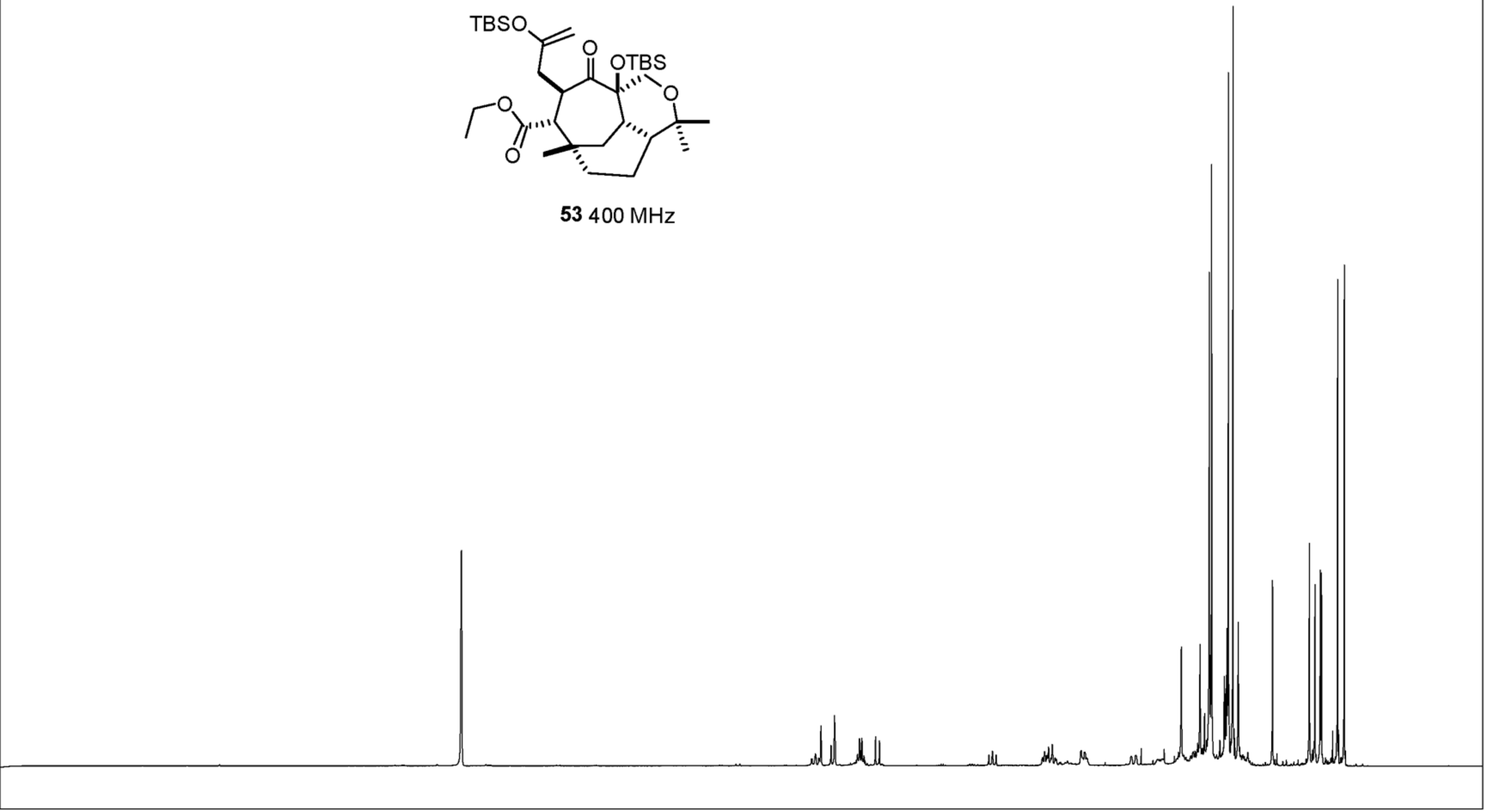
ppm (f1)

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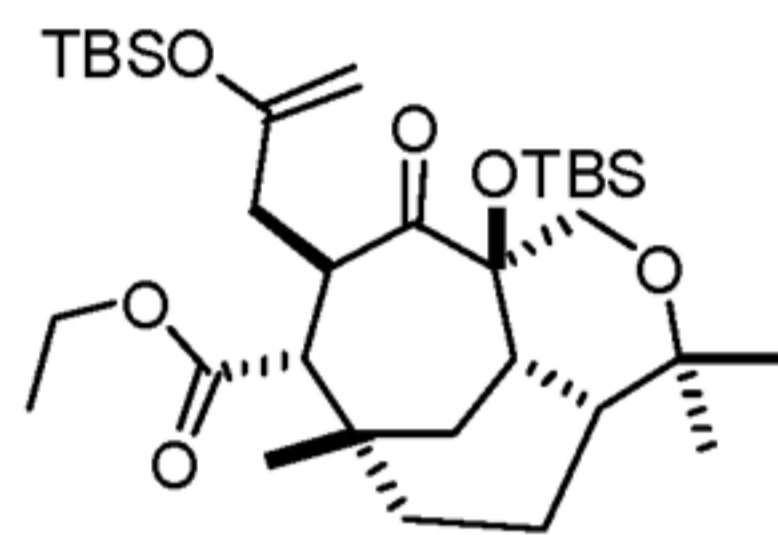
53 400 MHz



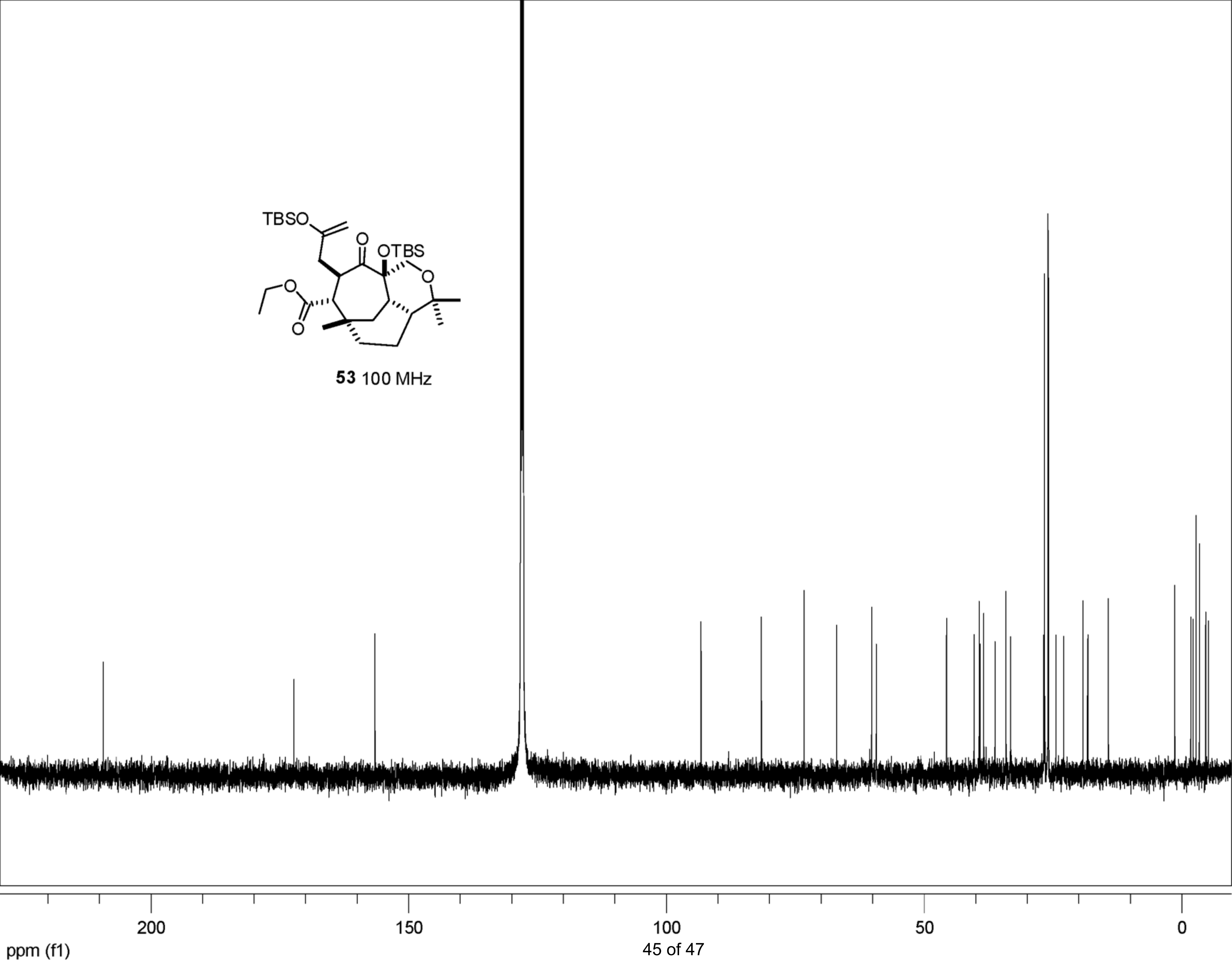
10.0  
ppm (f1)

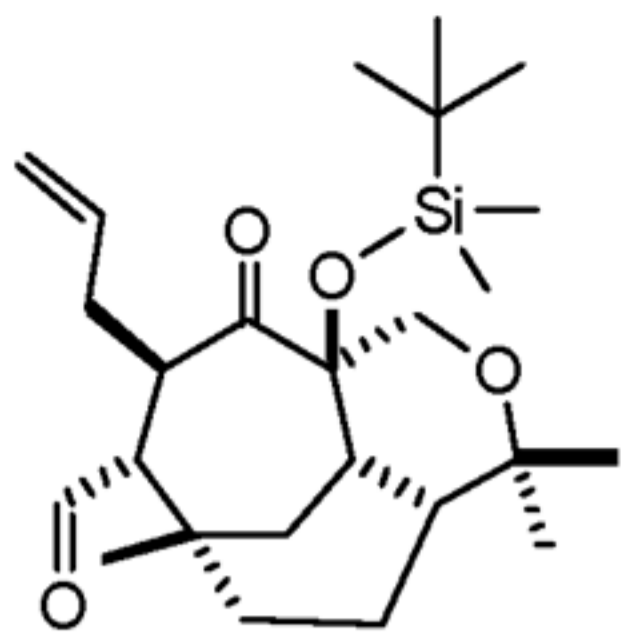
5.0  
44 of 47

0.0

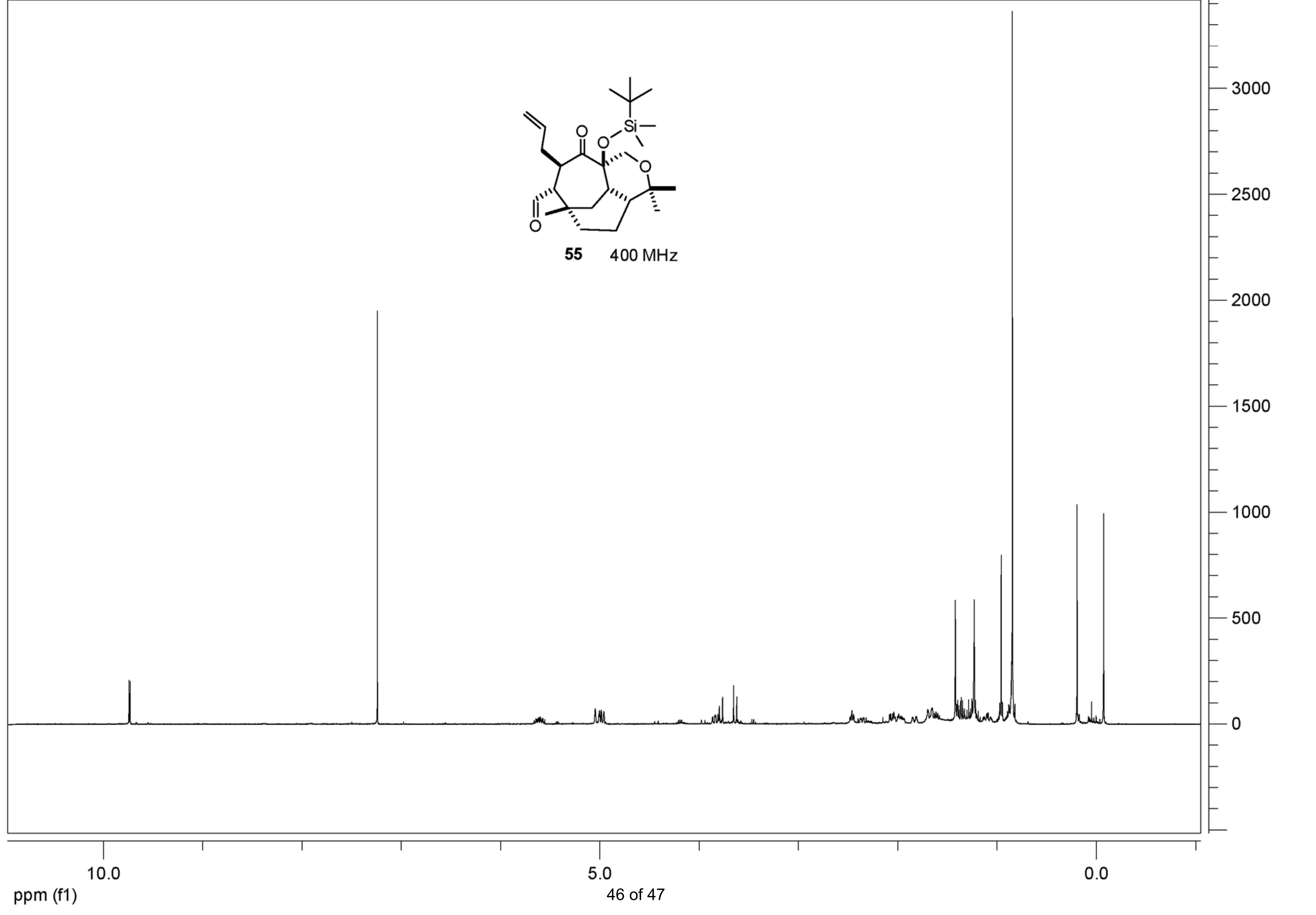


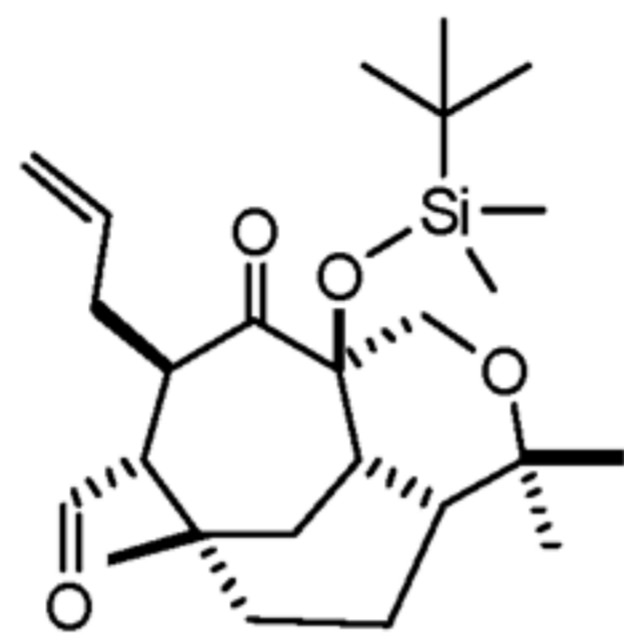
53 100 MHz





55 400 MHz





55 100 MHz

