

Supporting information

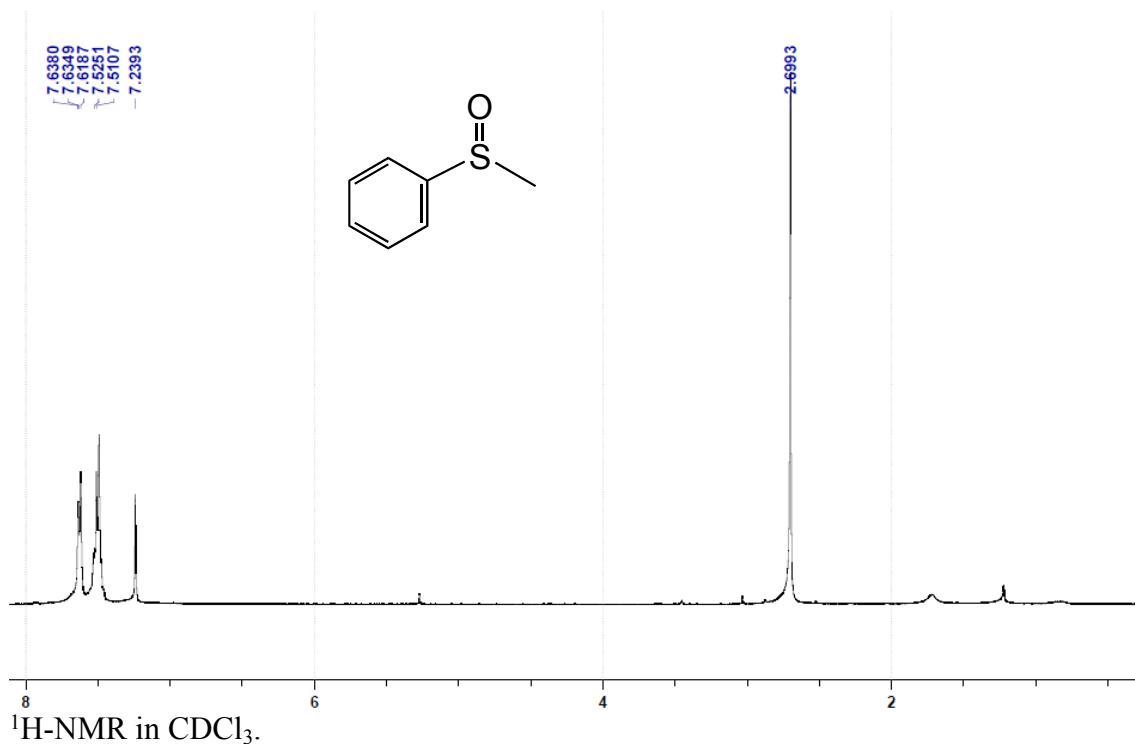
Selective sulfoxidation with hydrogen peroxide catalysed by a titanium catalyst

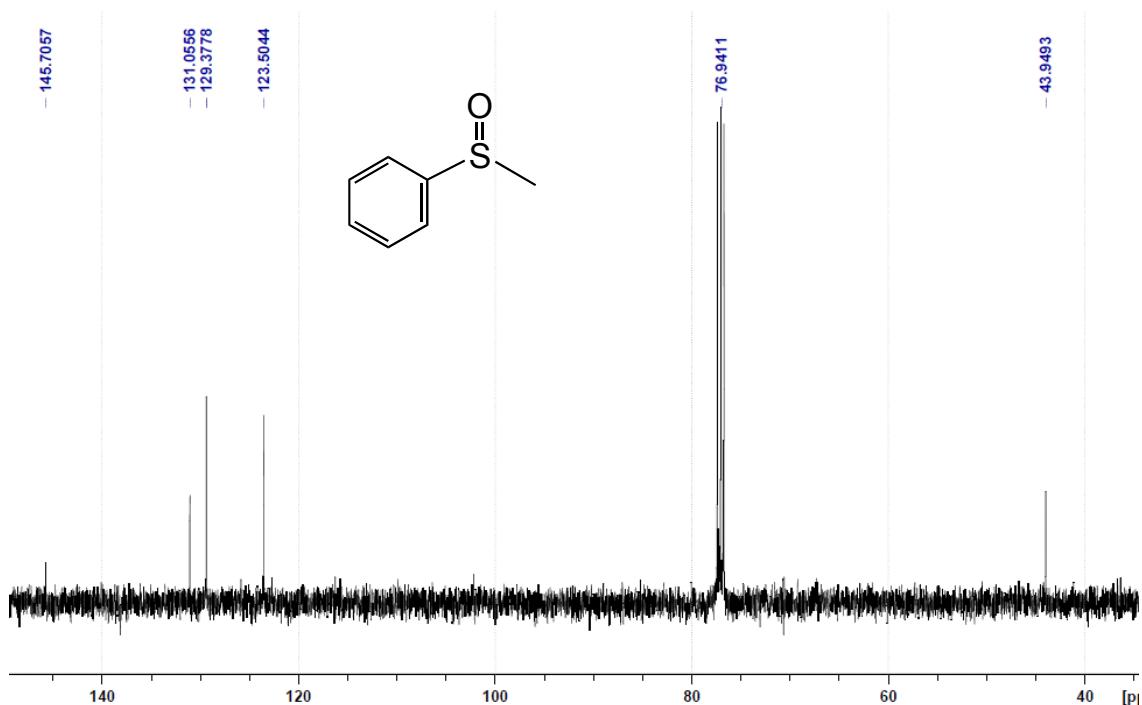
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Fax: (+351) 21 441 12 77; e-mail: broyo@itqb.unl.pt

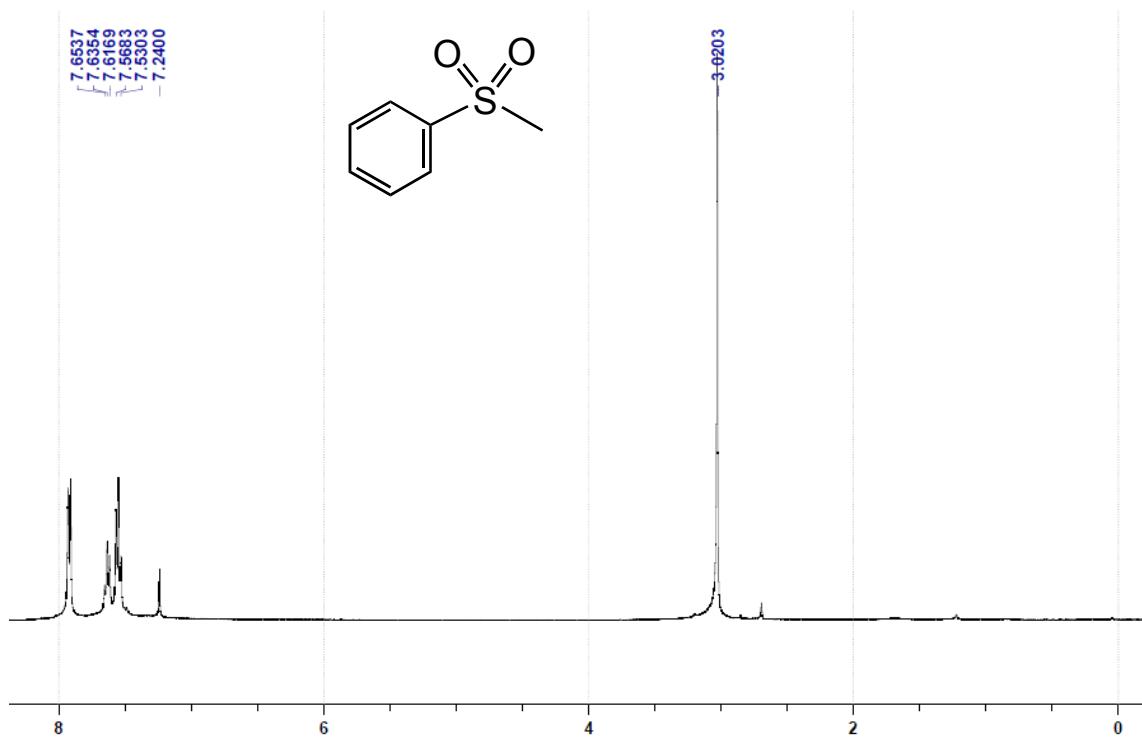
^b Departamento de Química Orgánica y Química Inorgánica, Universidad de Alcalá, Campus Universitario, 28871 Alcalá de Henares, Spain

NMR spectra of the sulfoxides and sulfones obtained

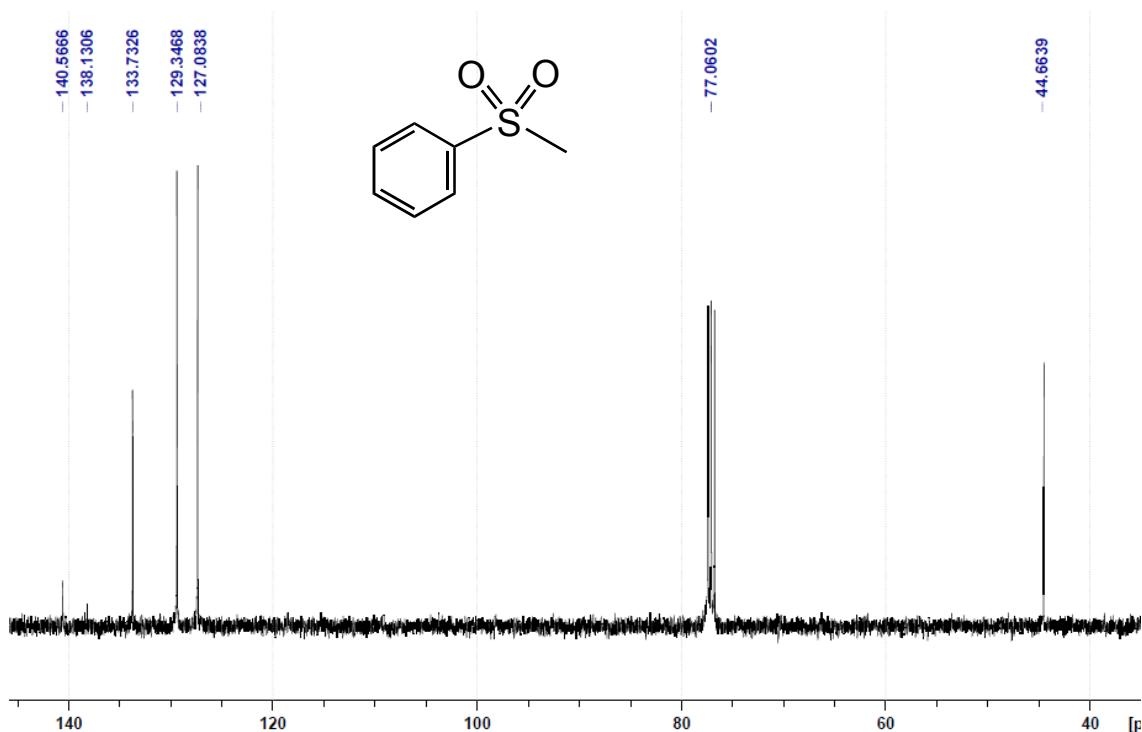




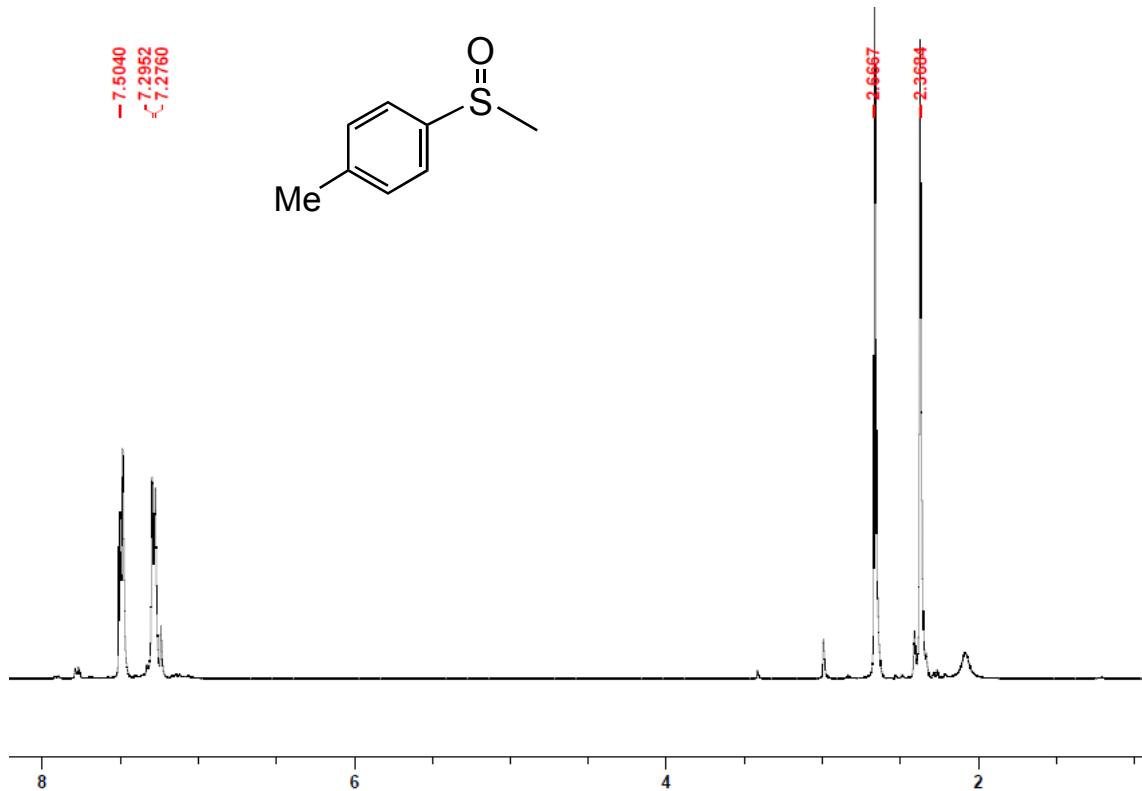
¹³C-NMR in CDCl₃.



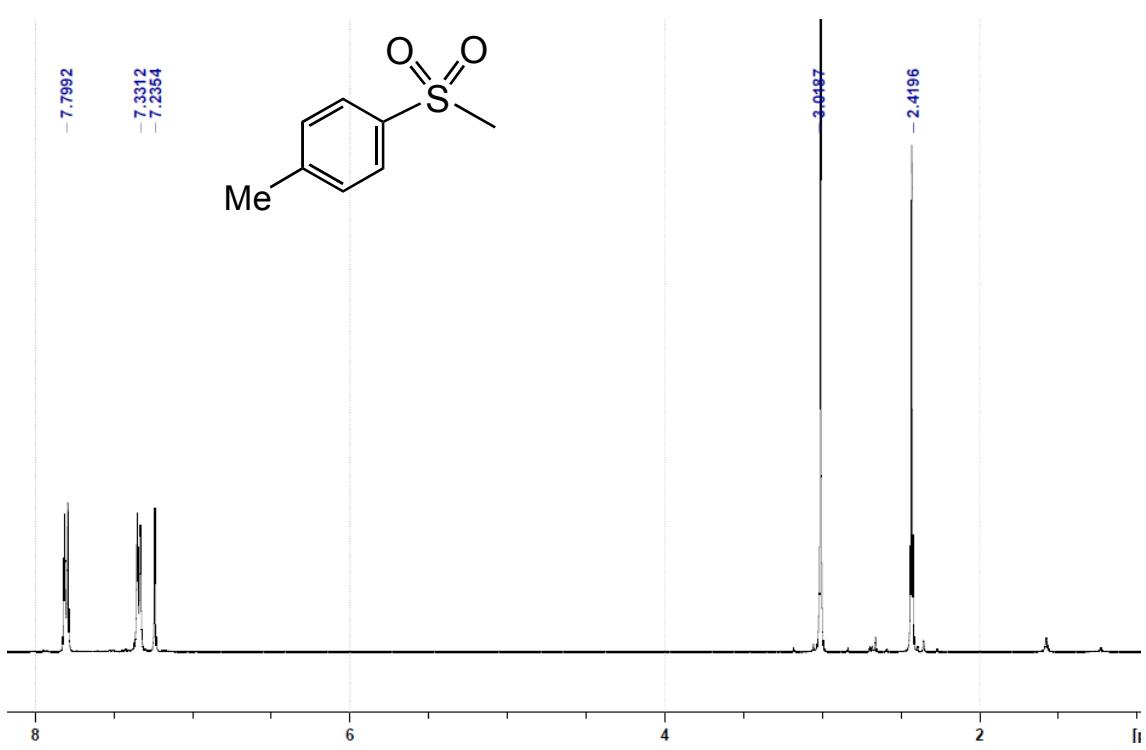
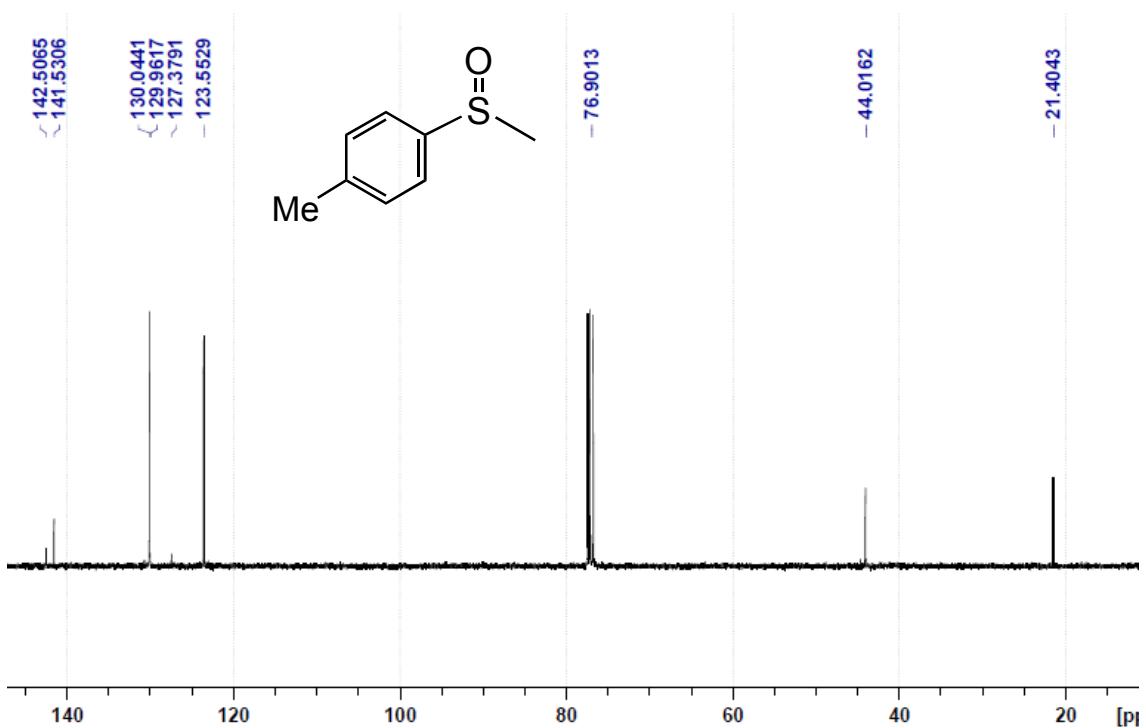
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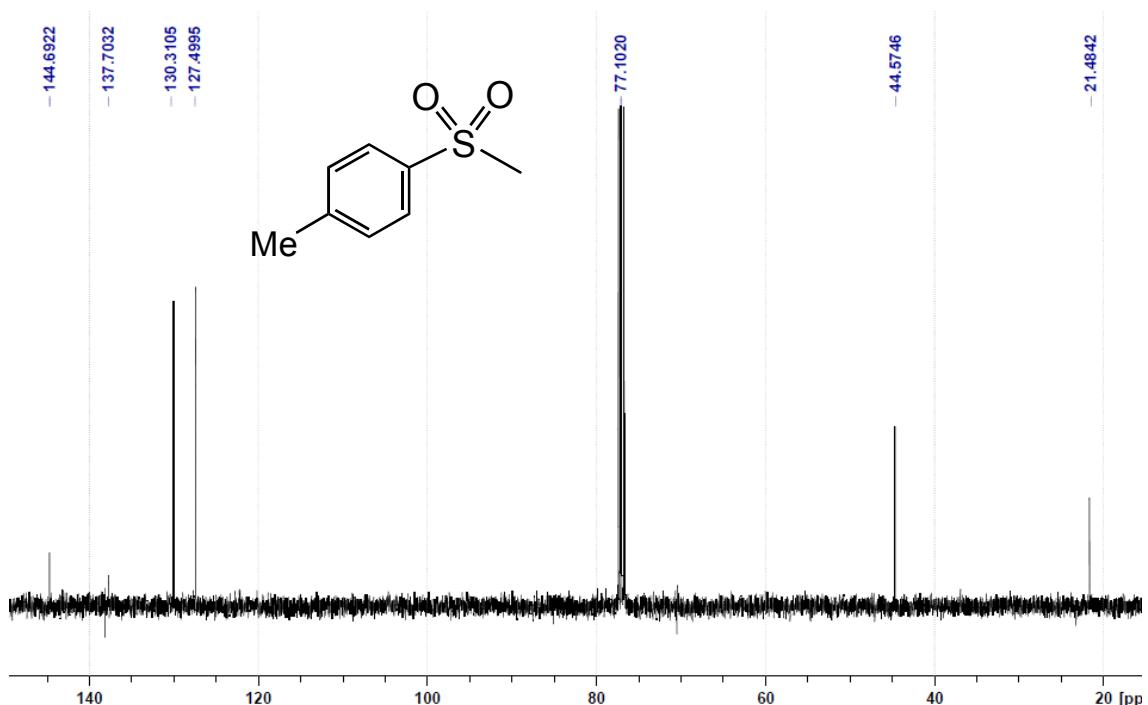


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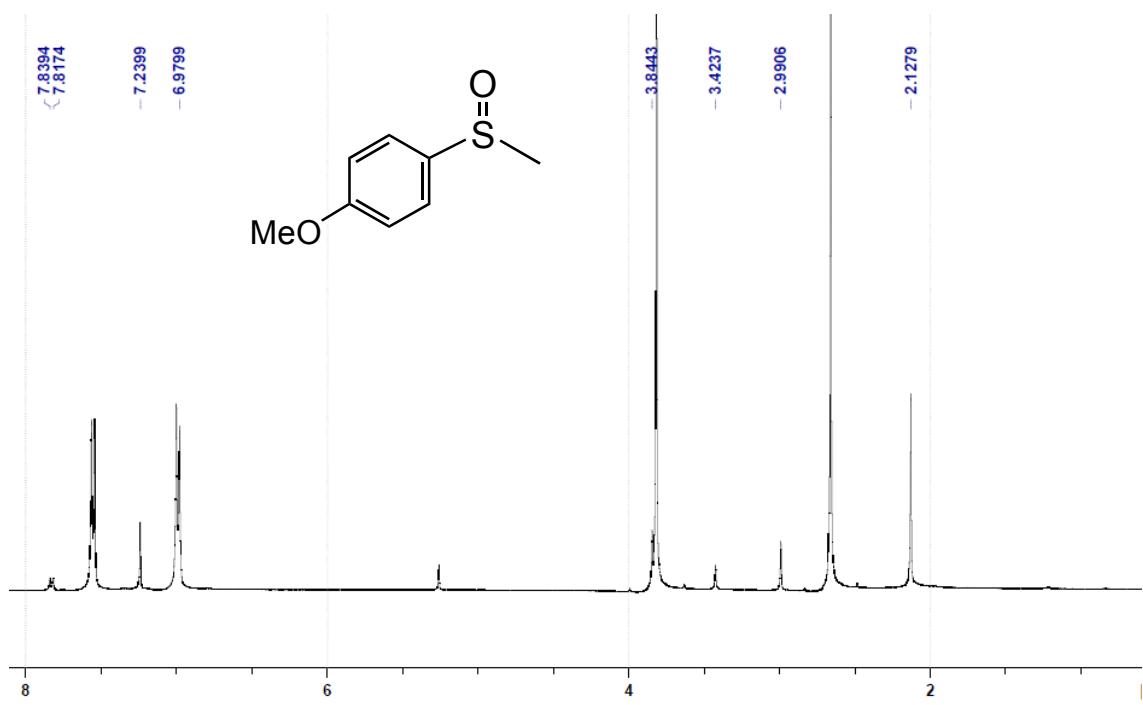


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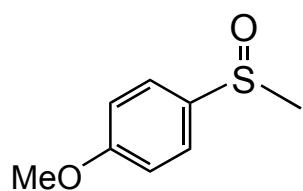


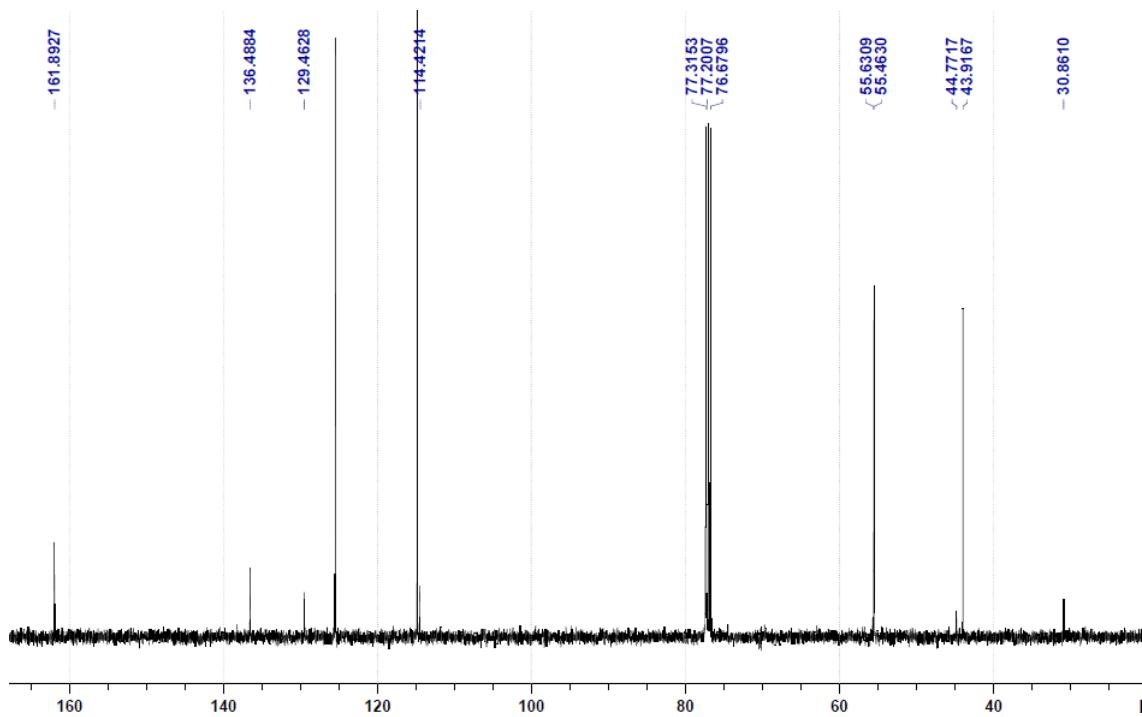


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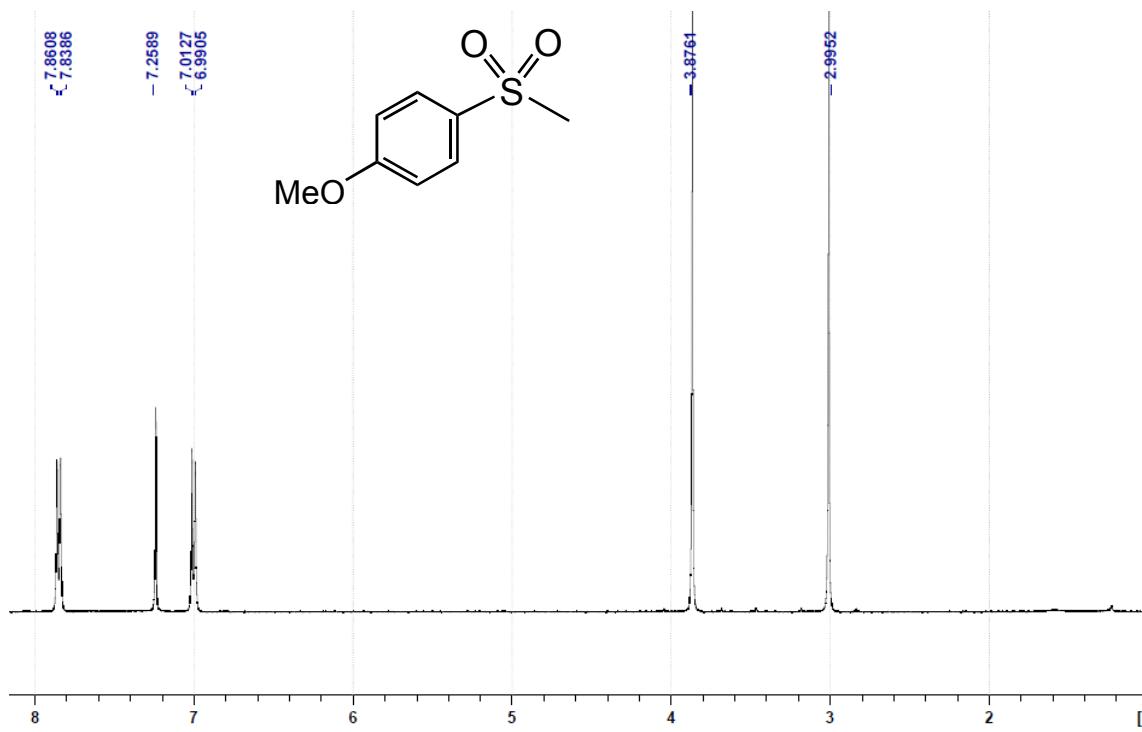


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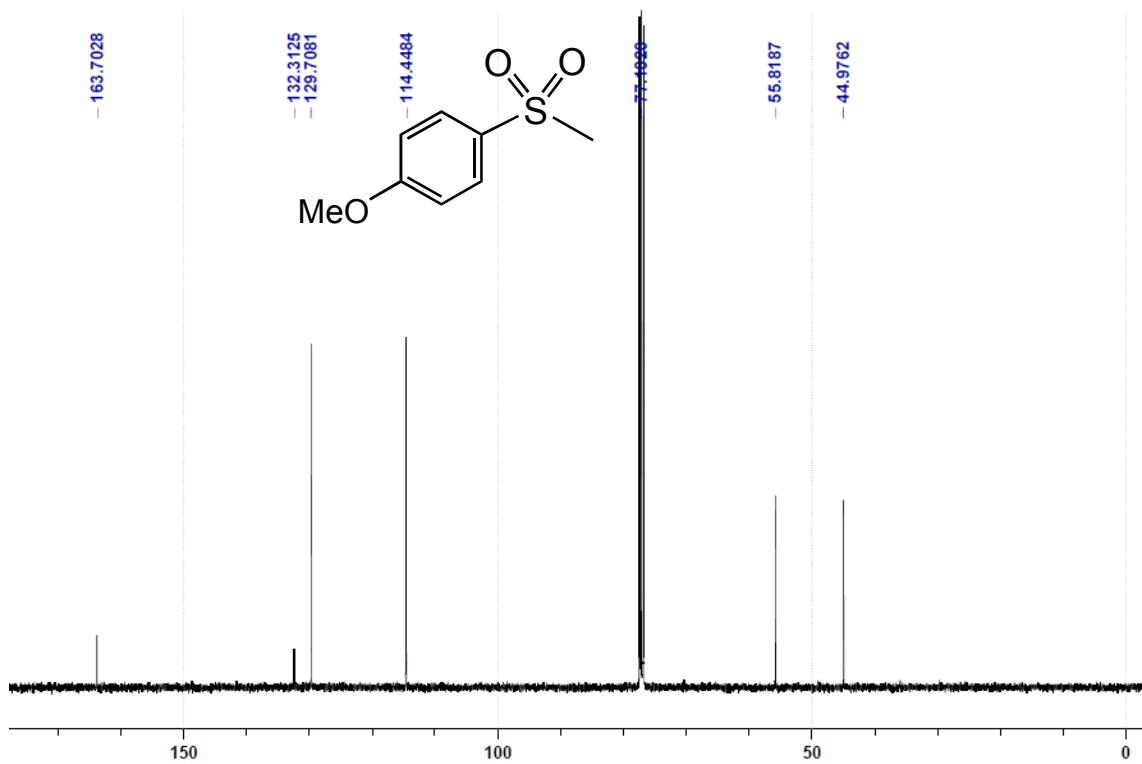




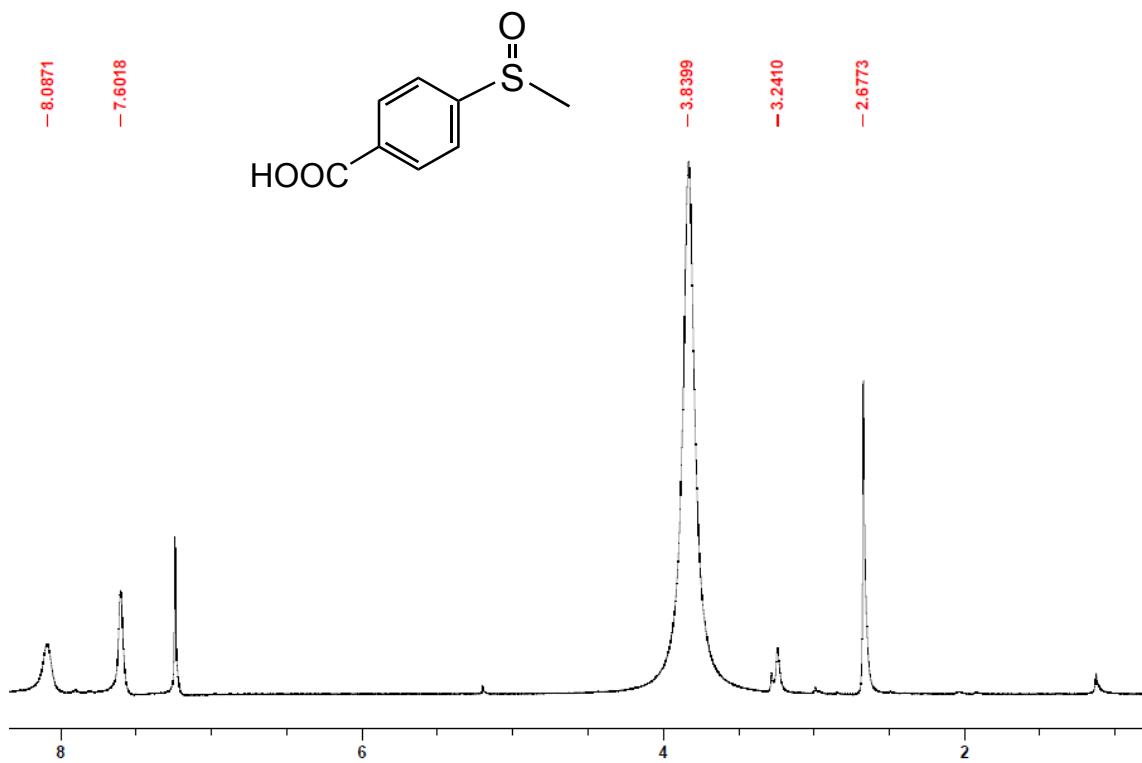
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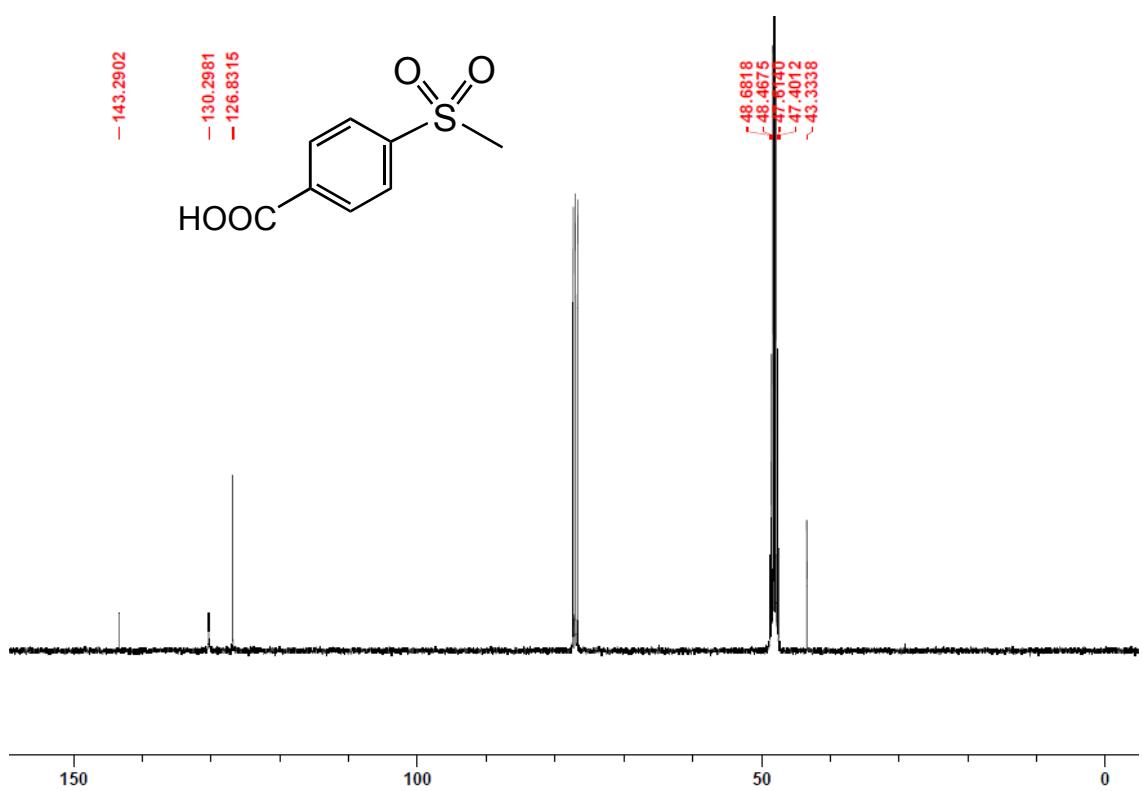
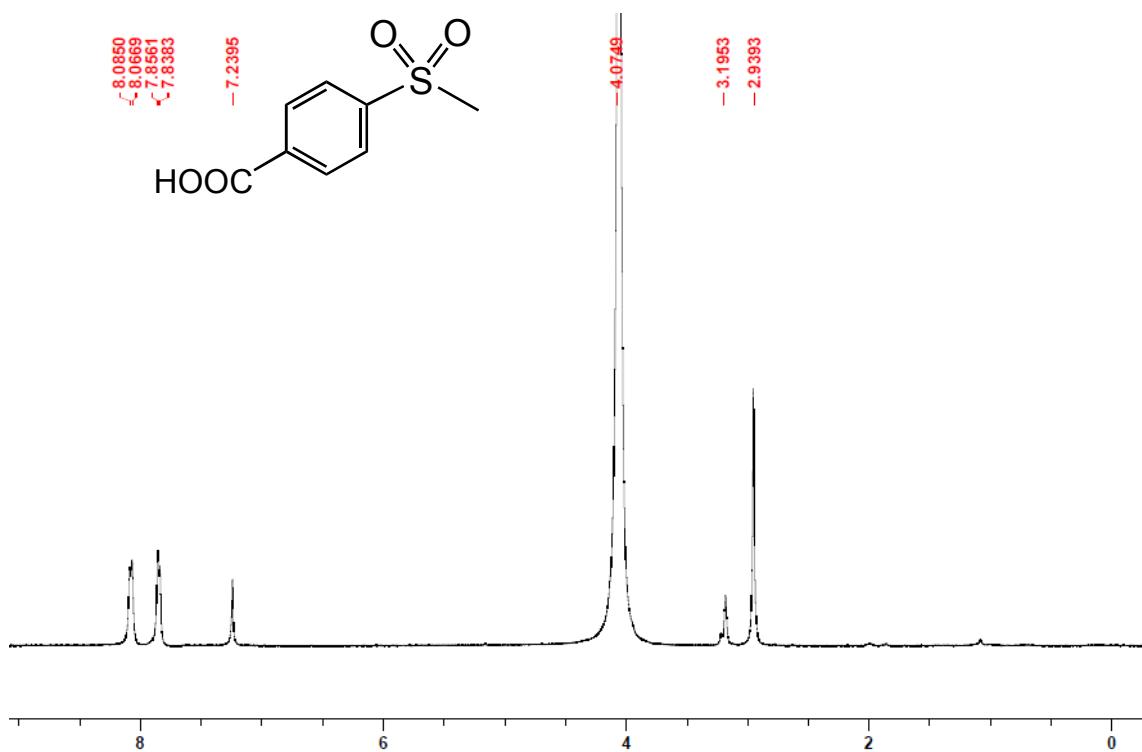
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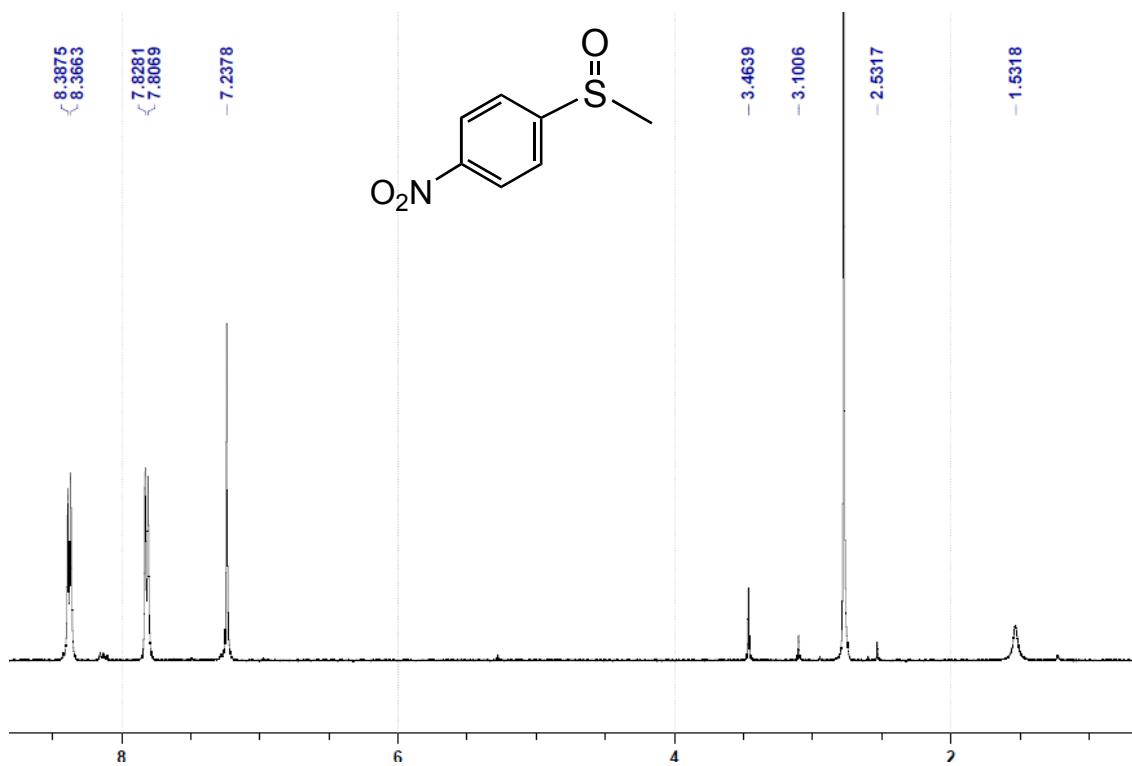


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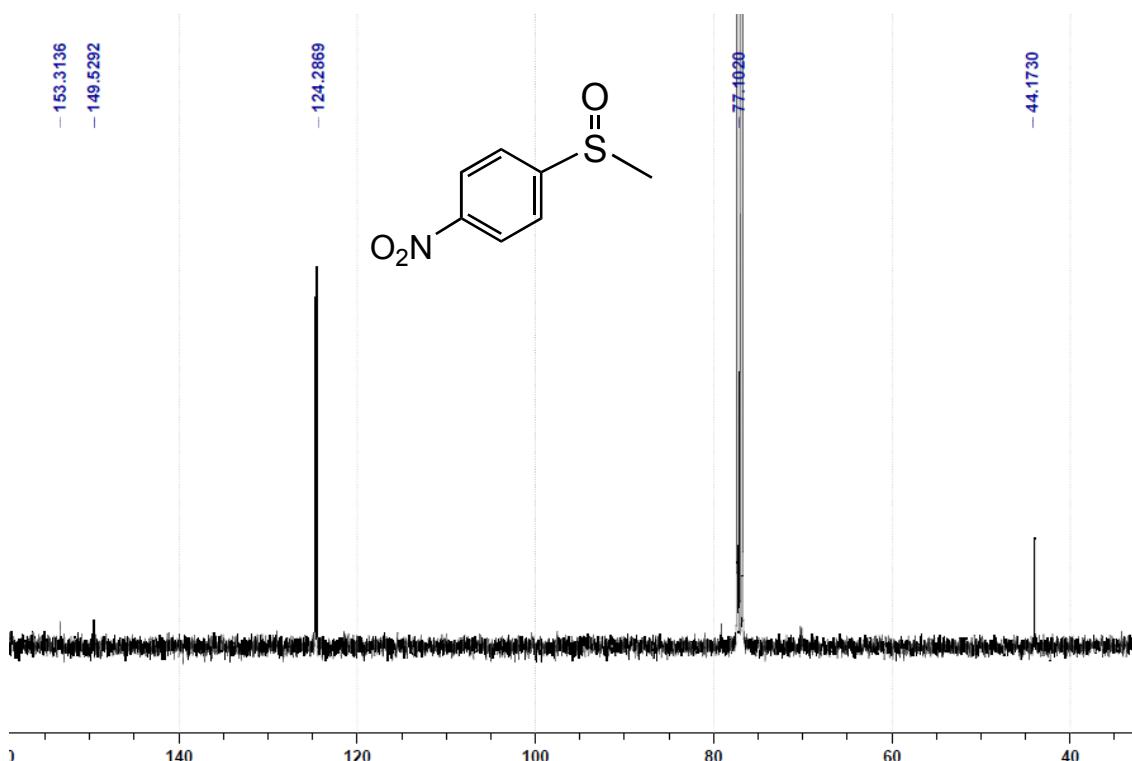


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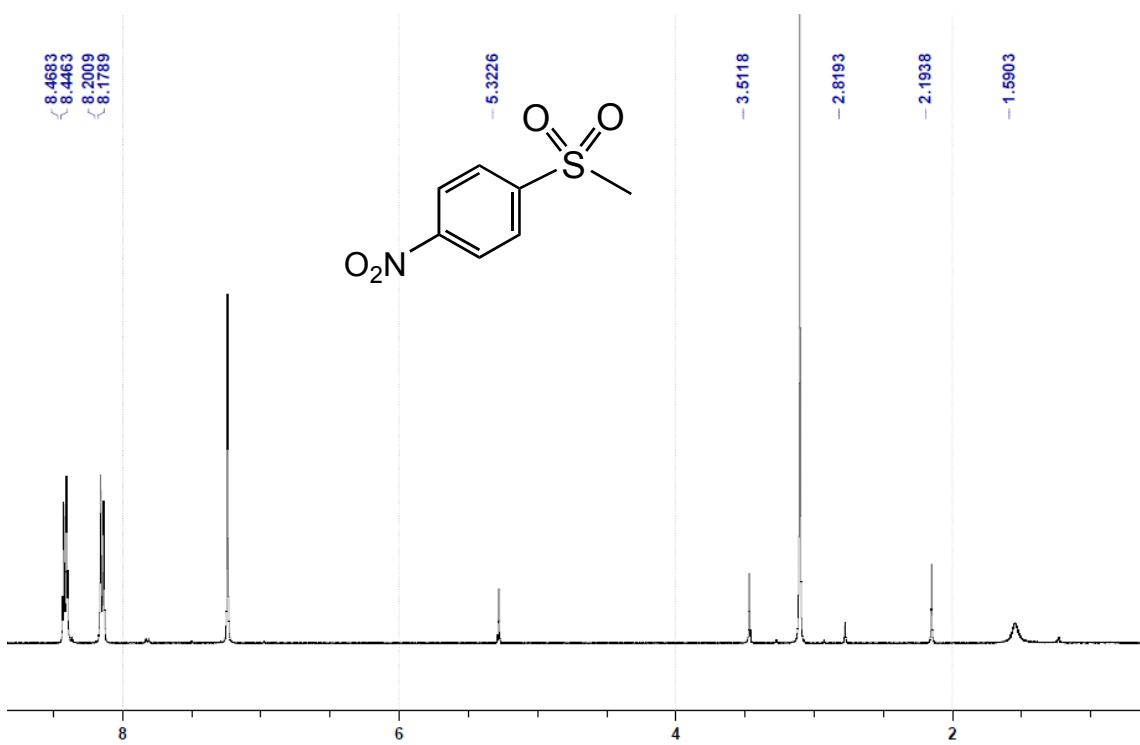




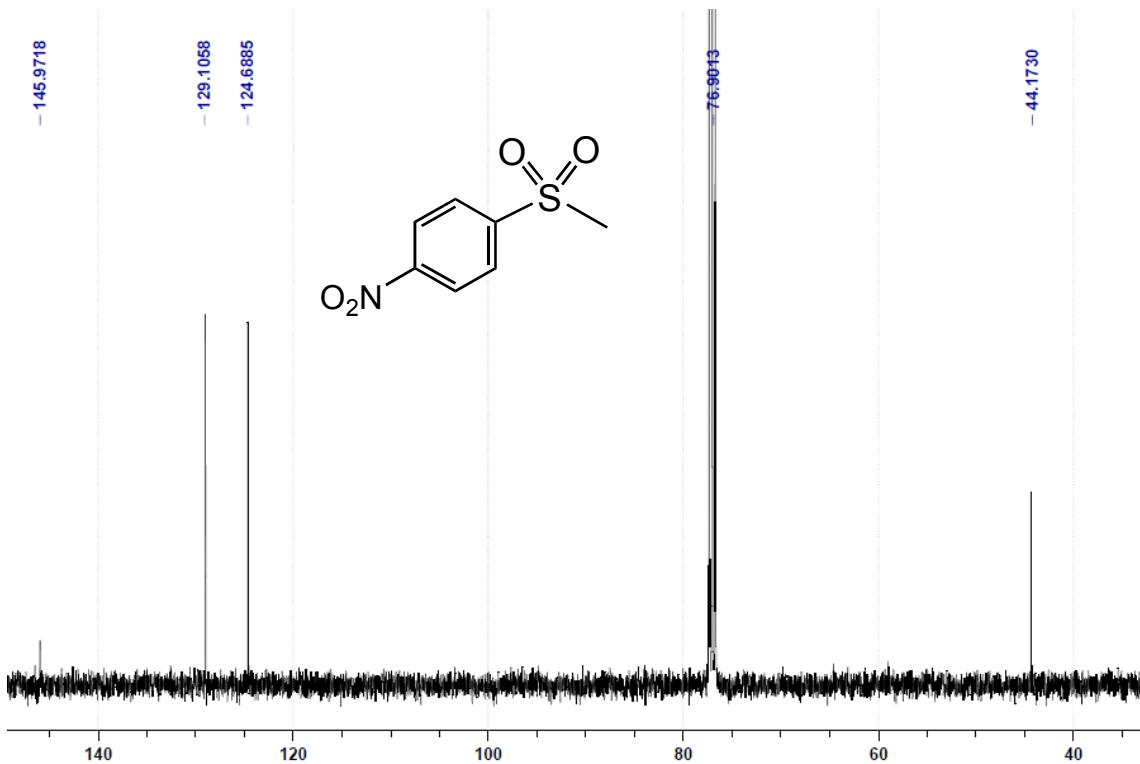
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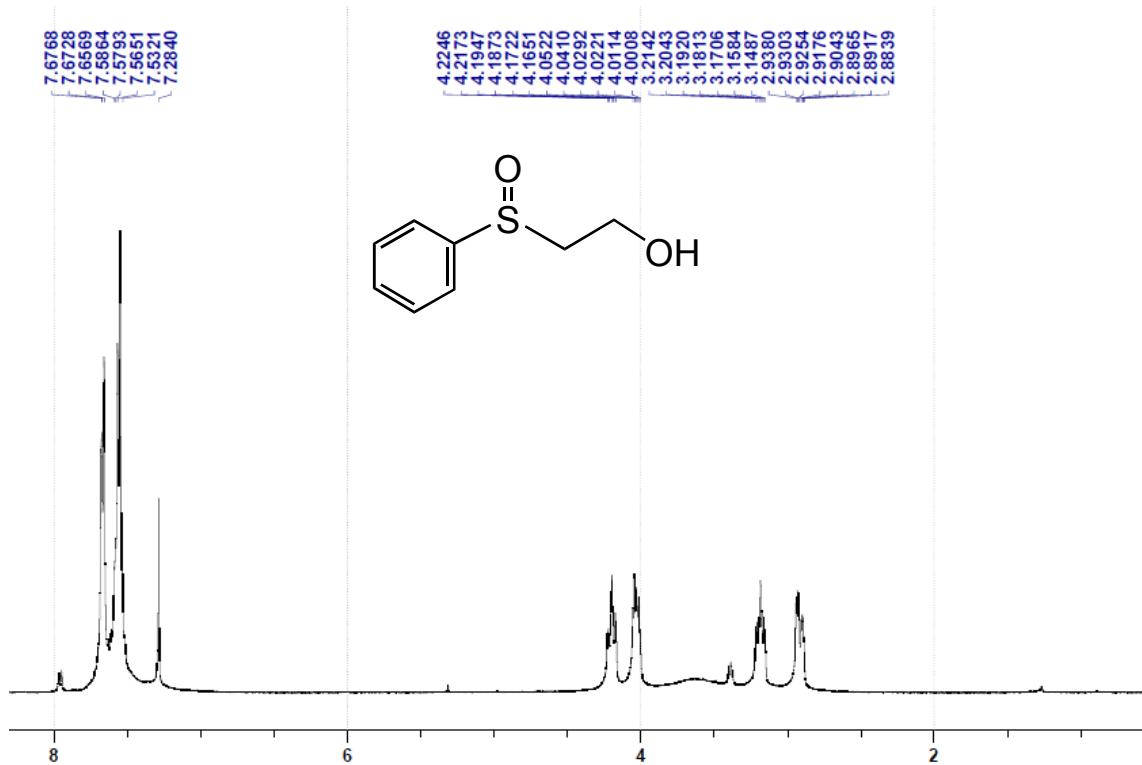
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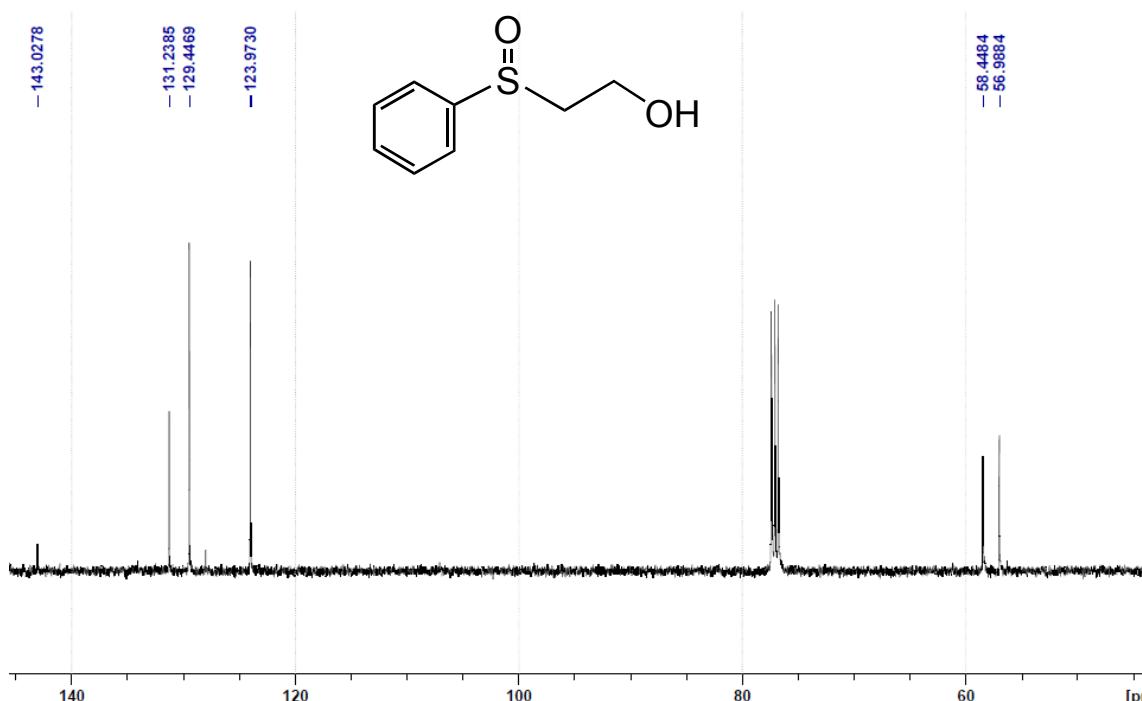
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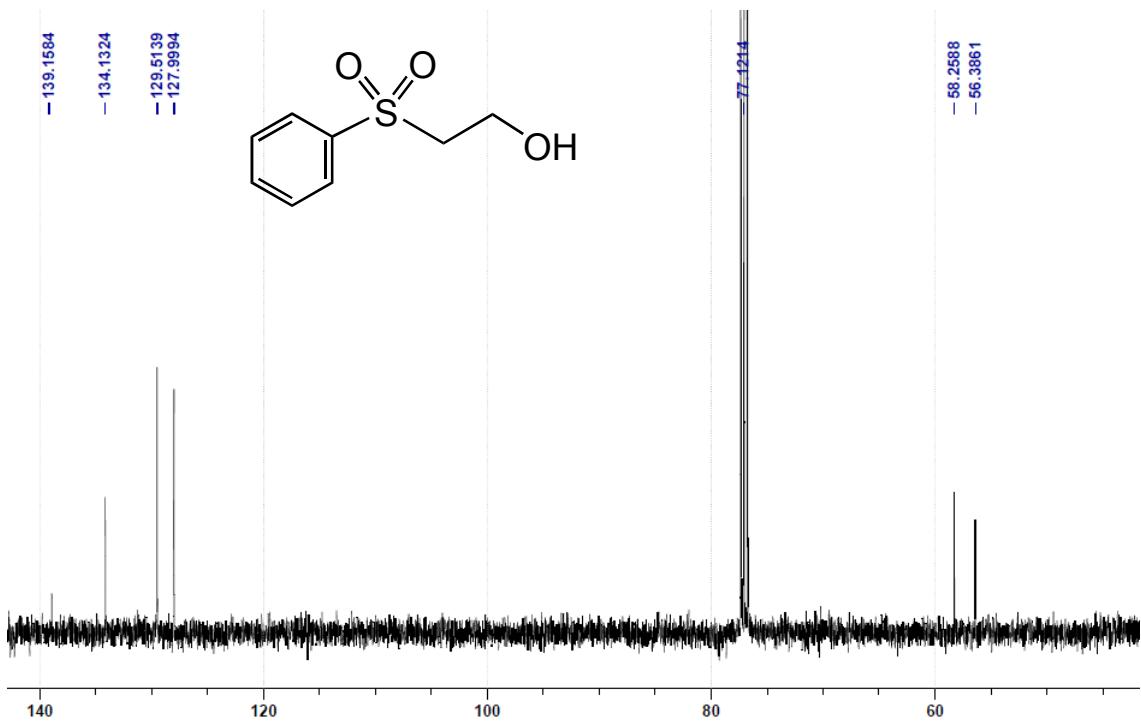
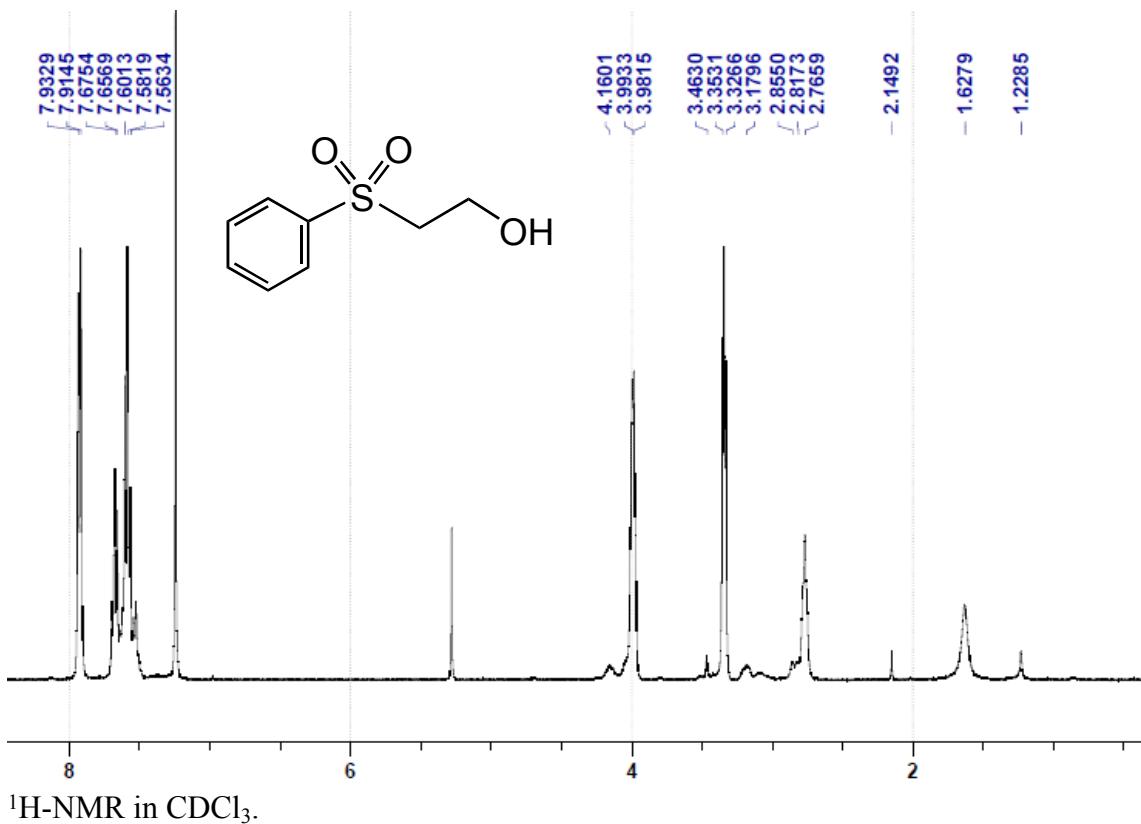
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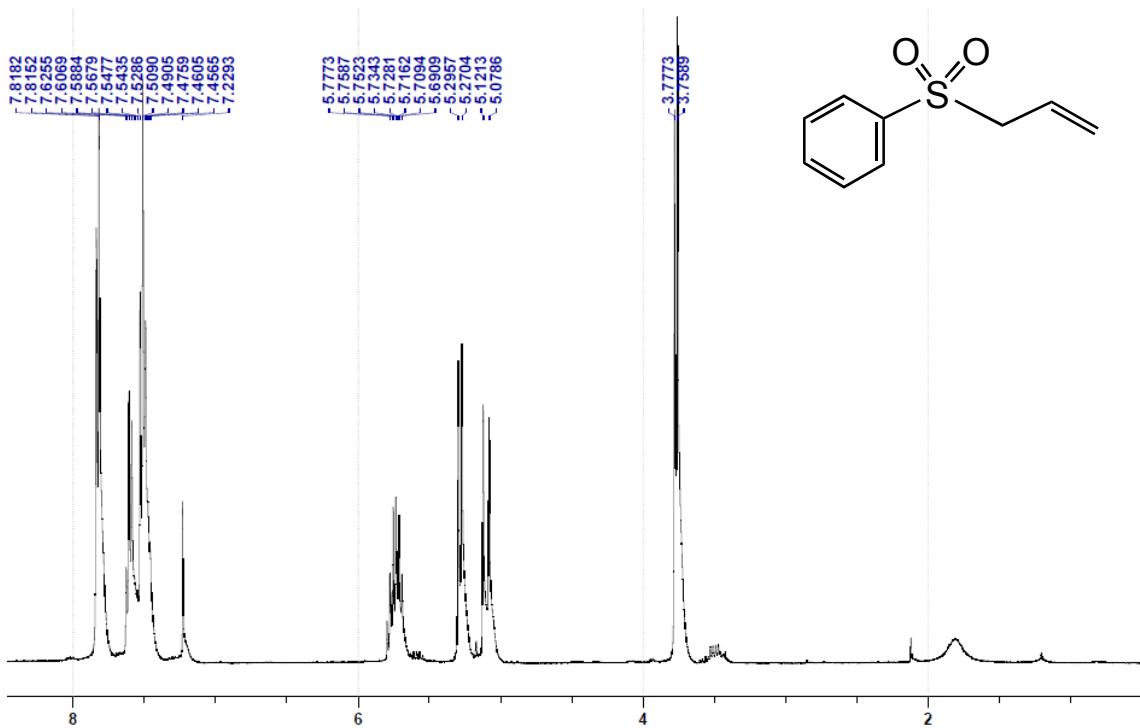


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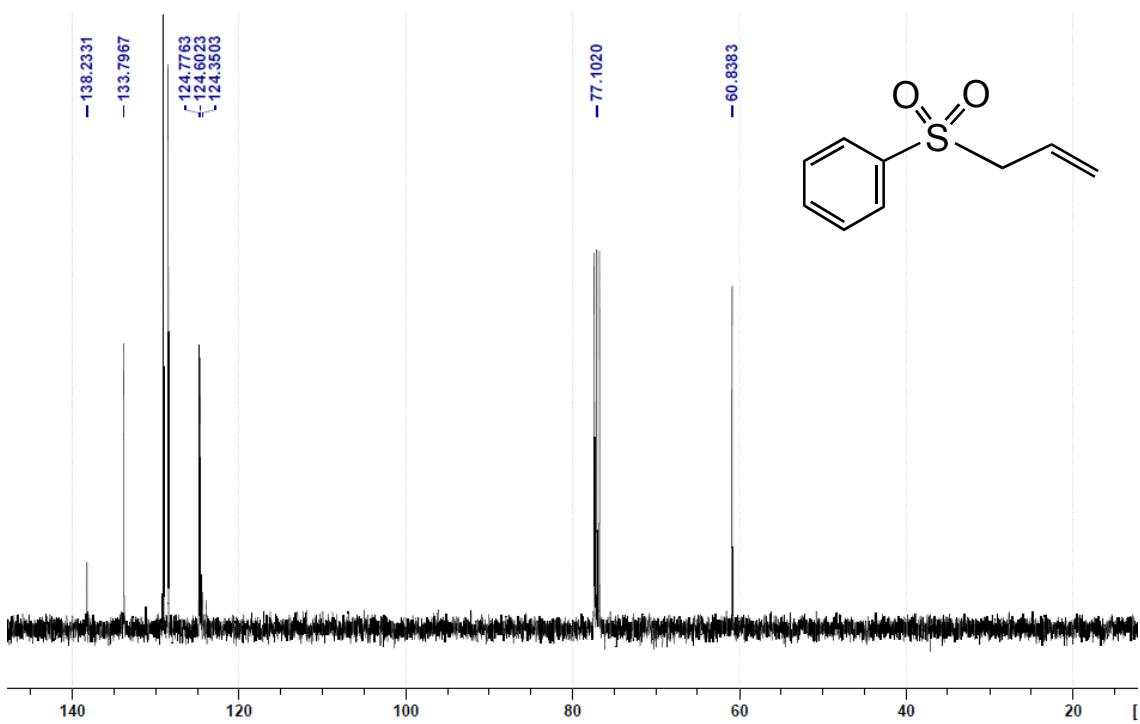


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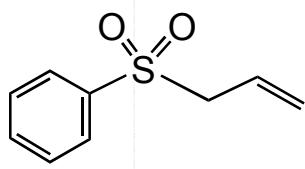


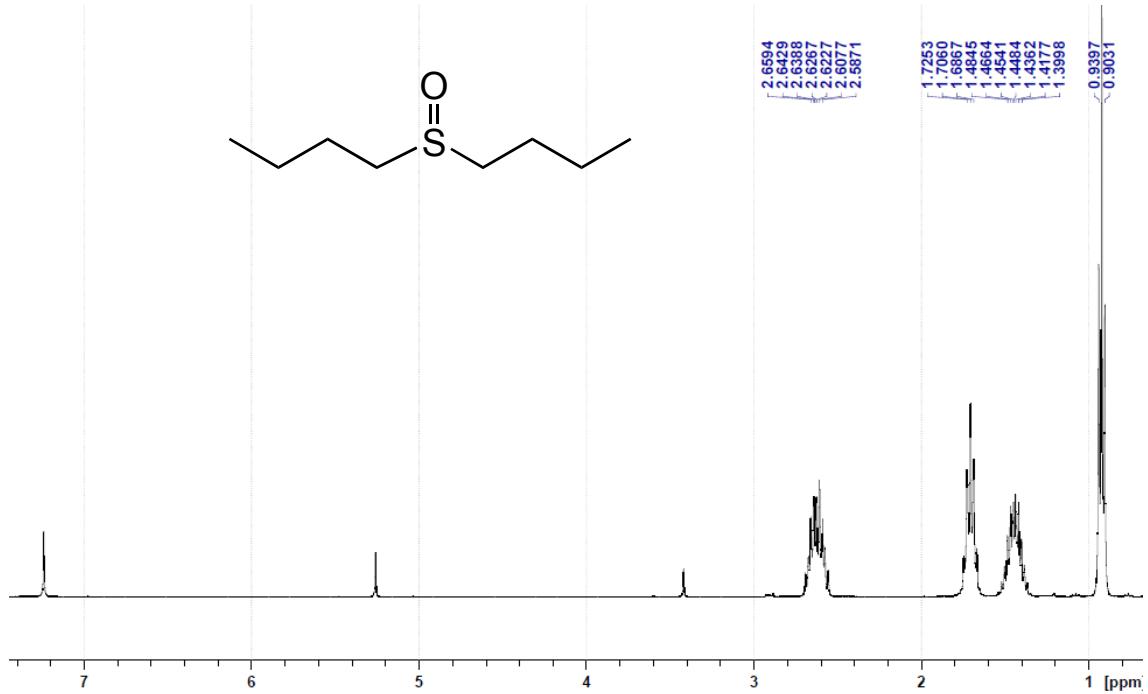


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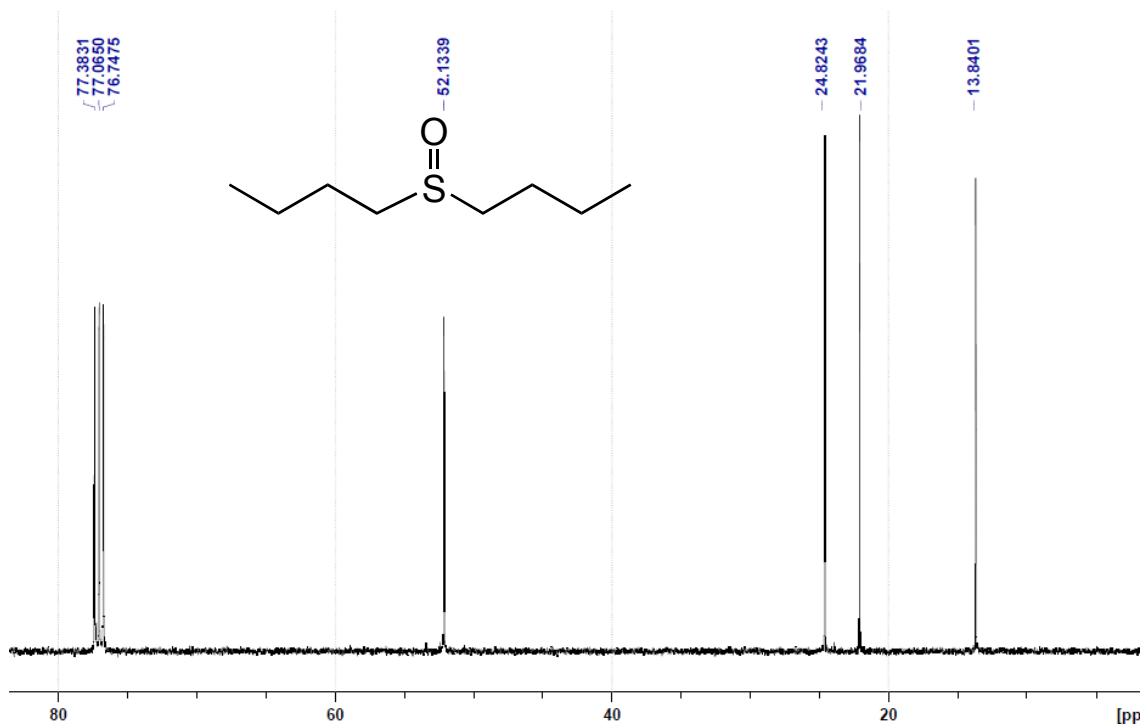


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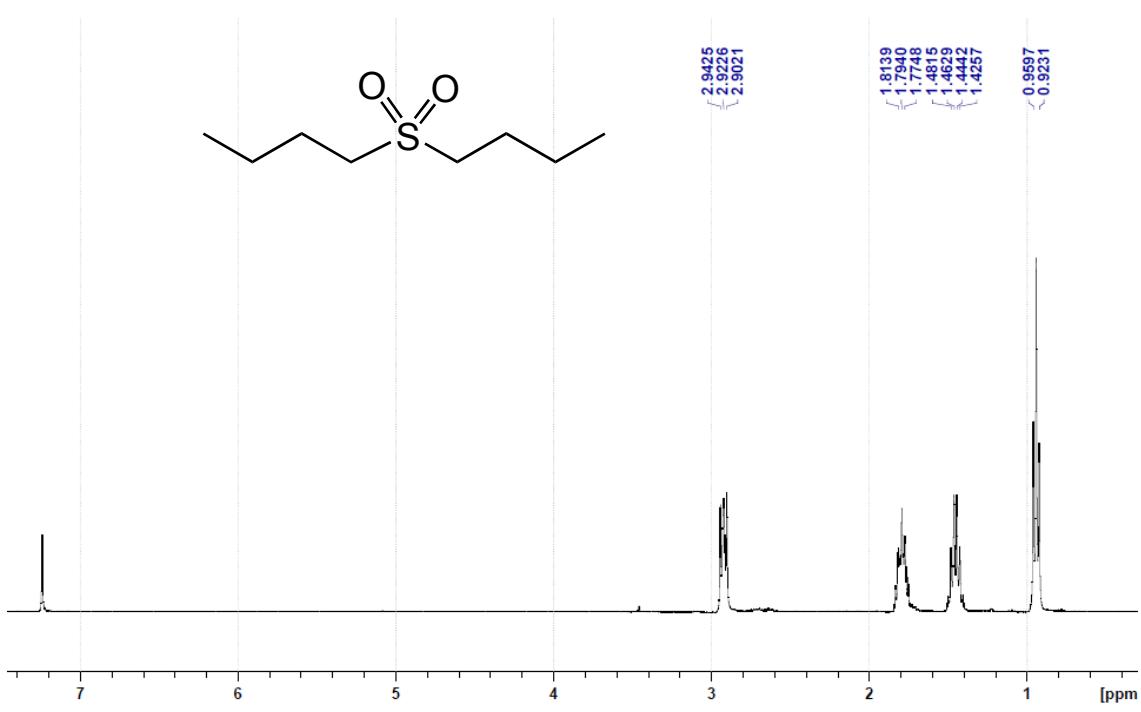




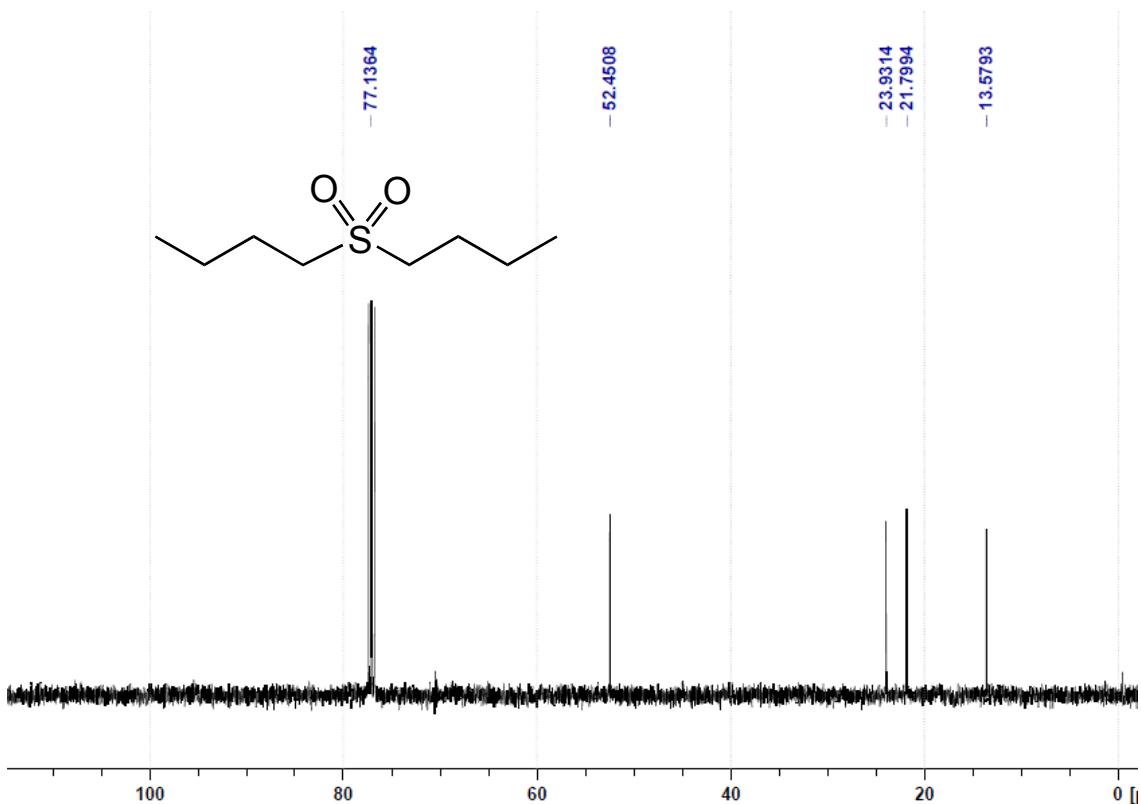
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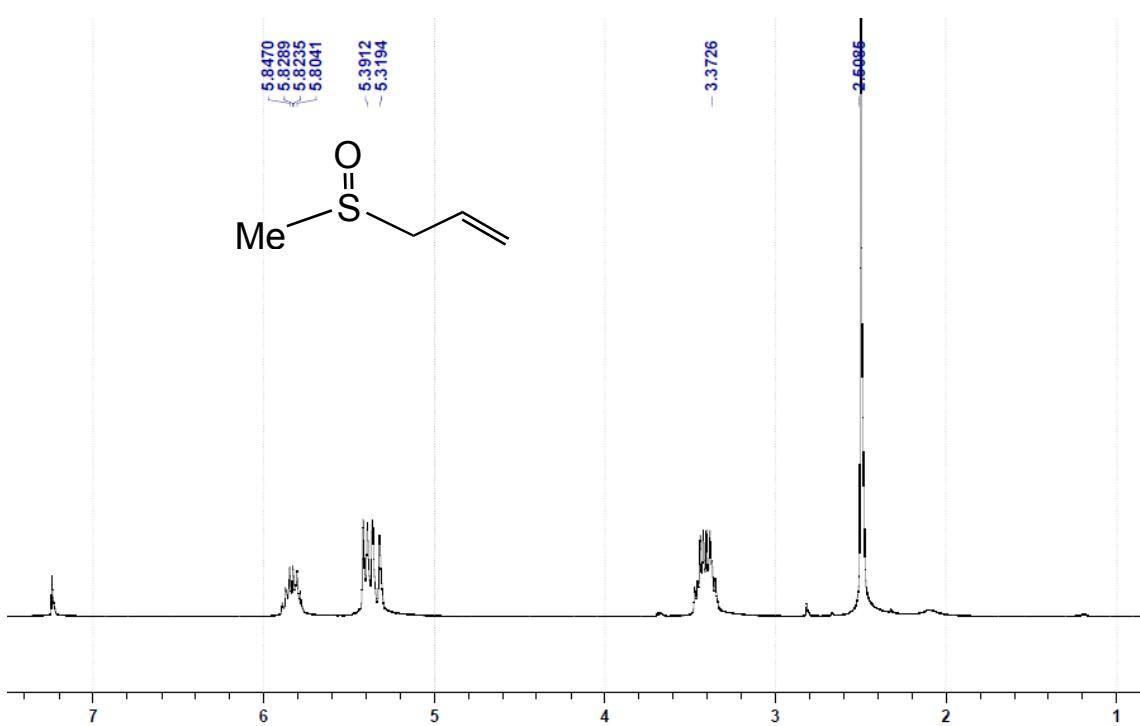
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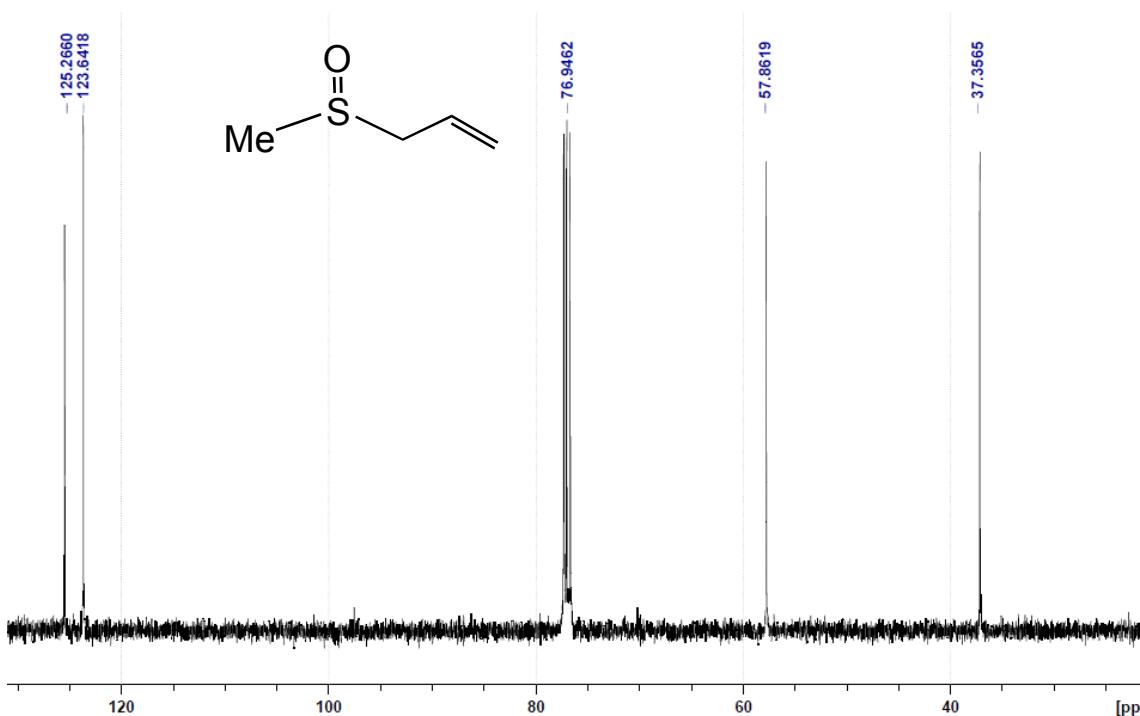
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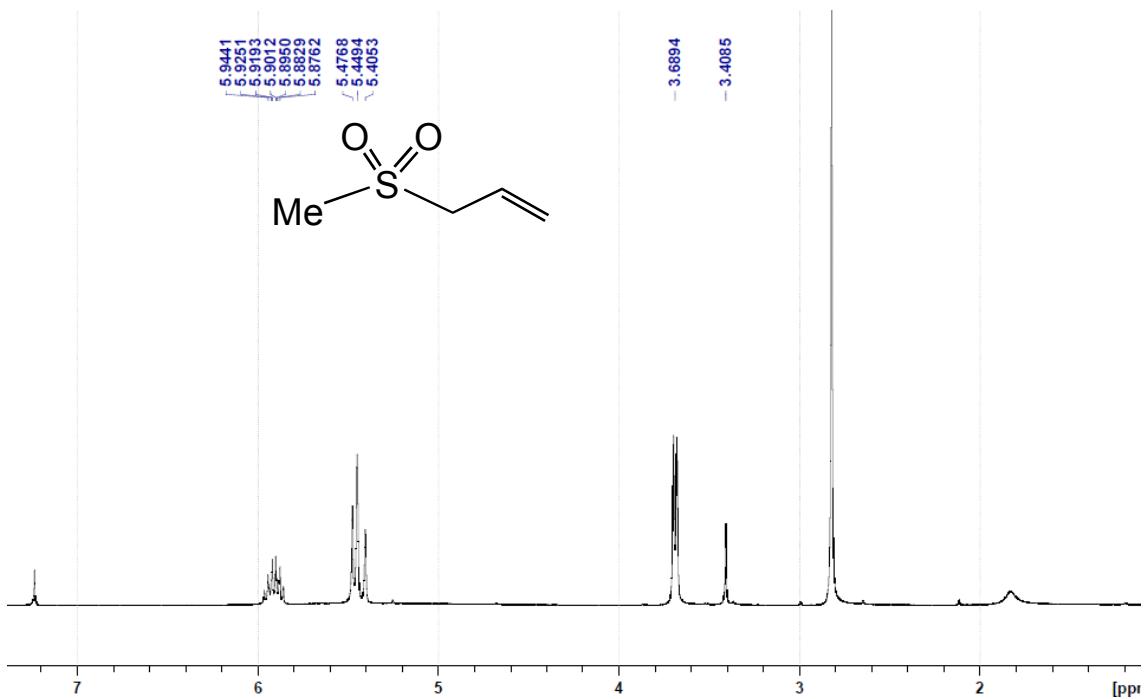
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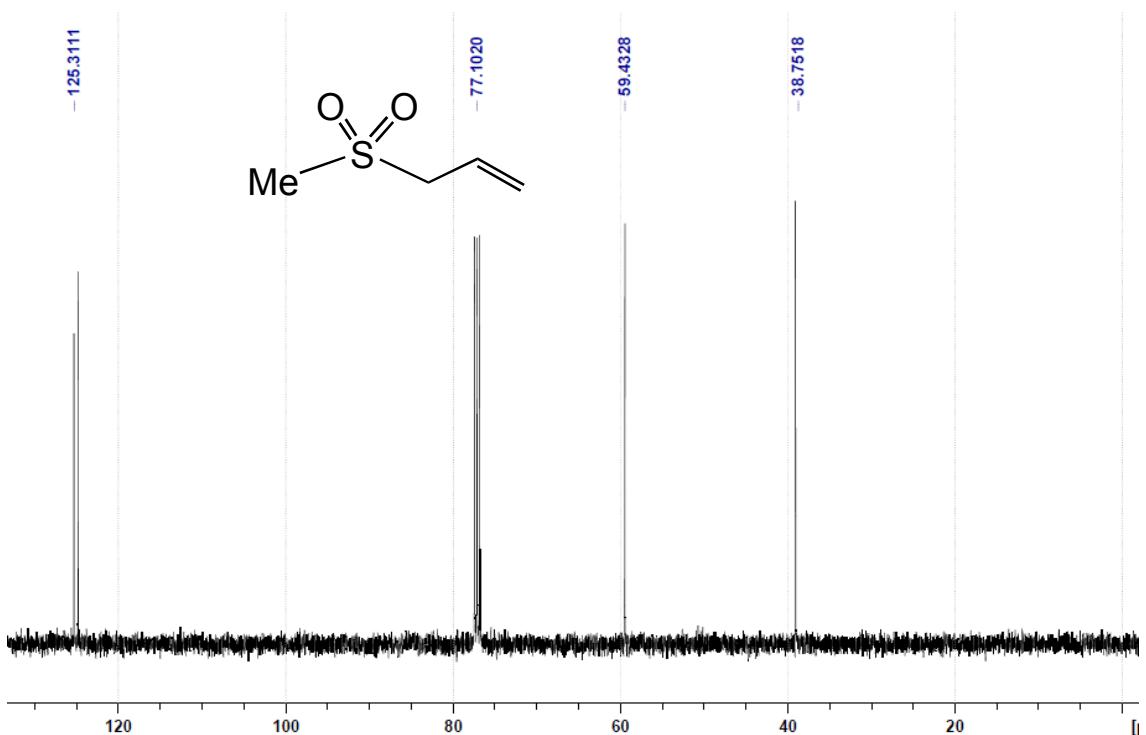
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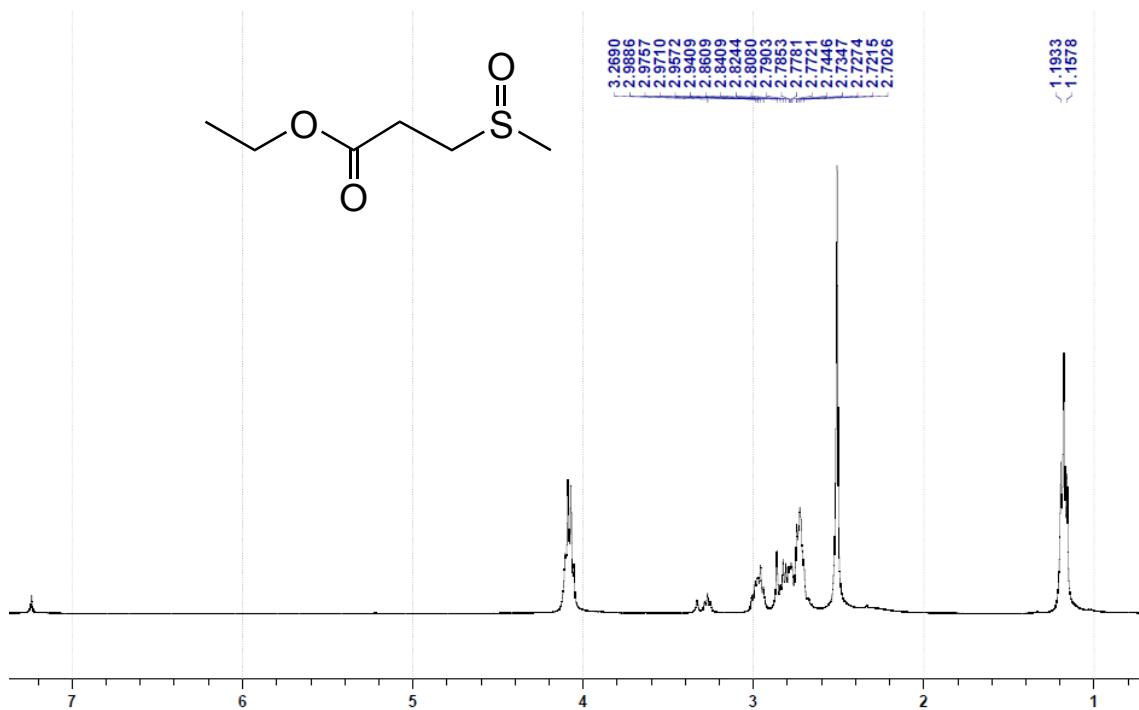
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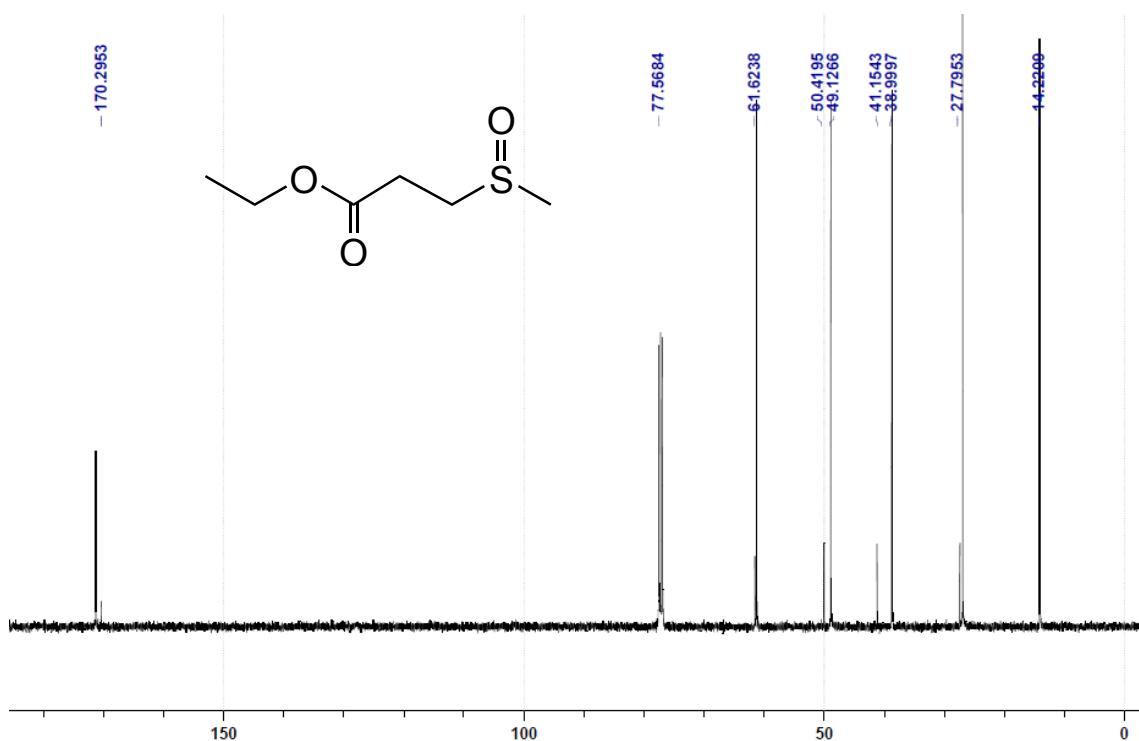
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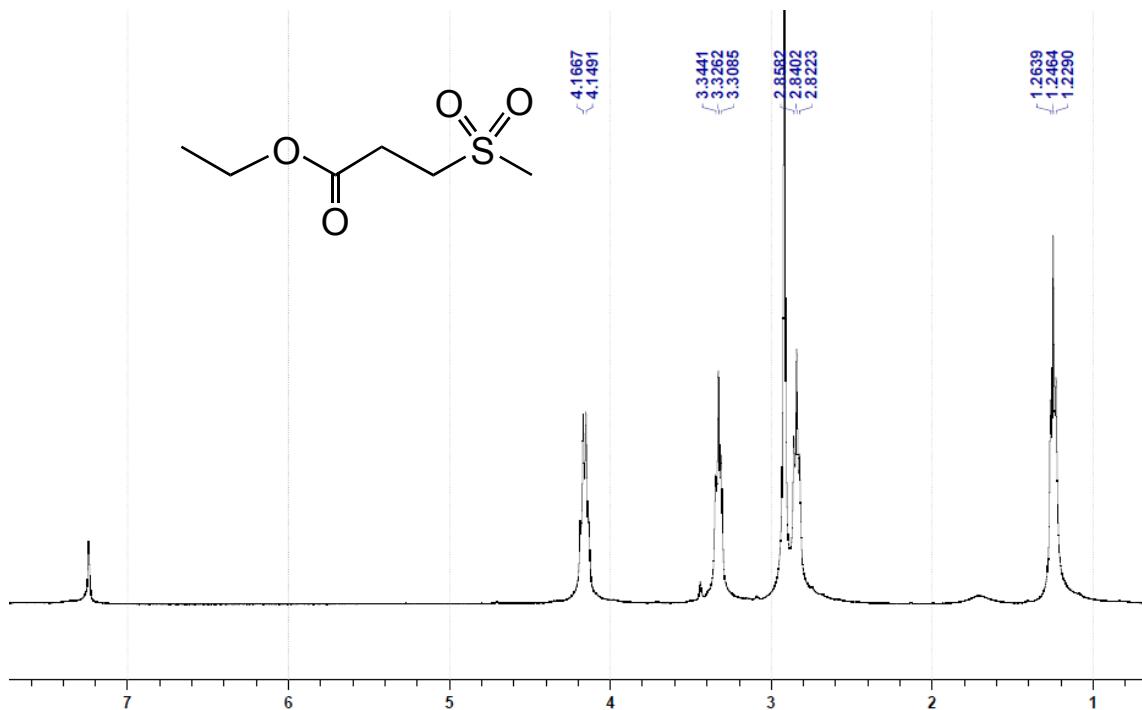
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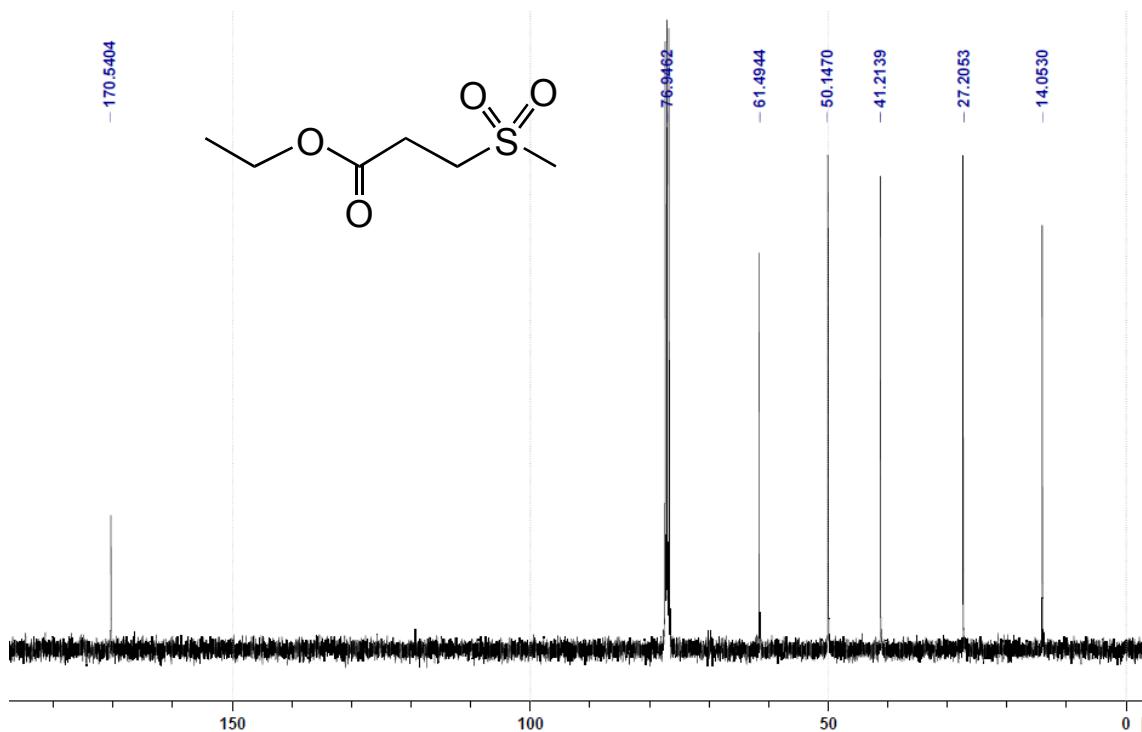
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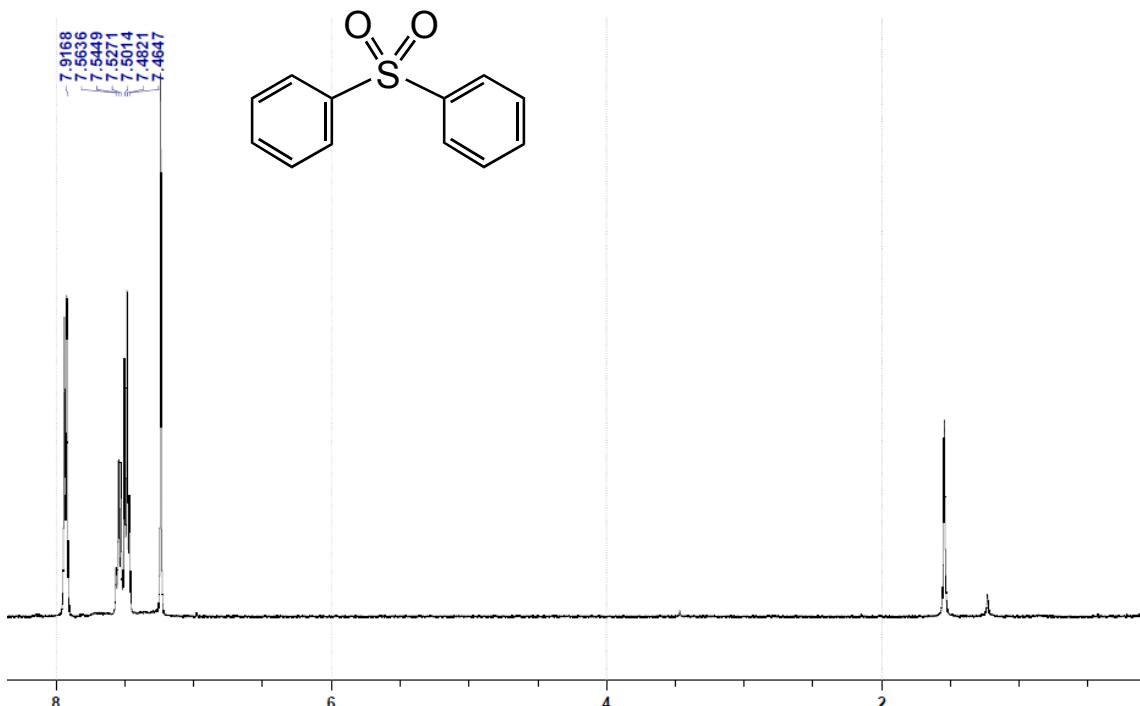
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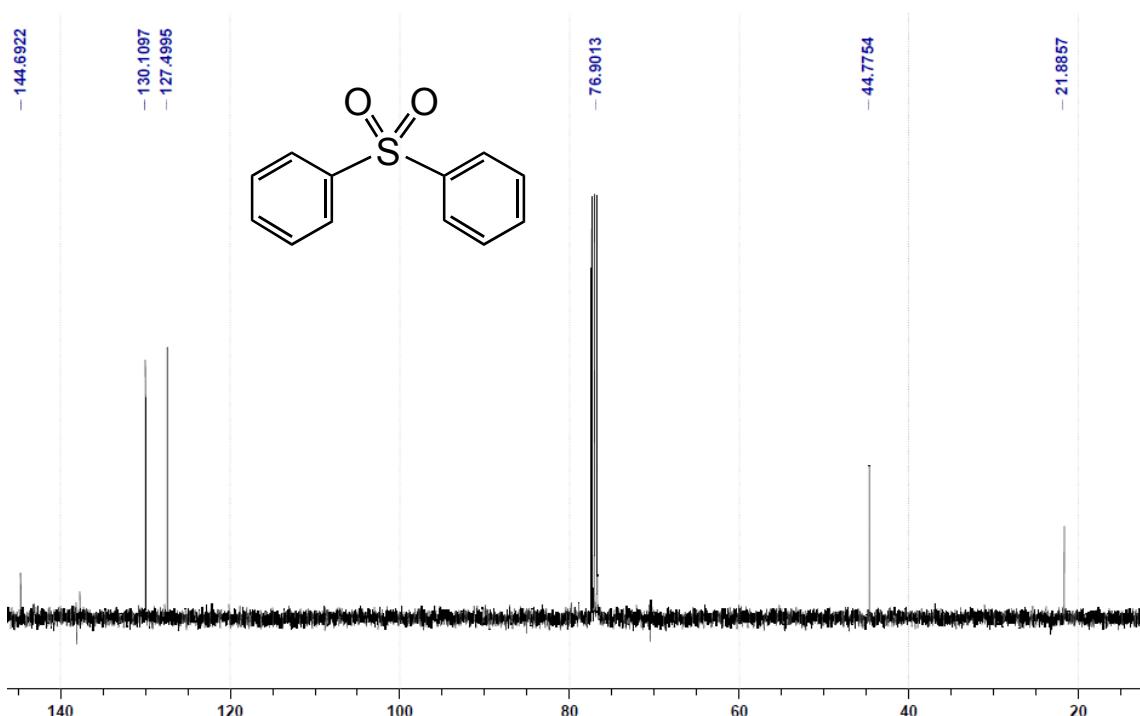
^1H -NMR in CDCl_3 .



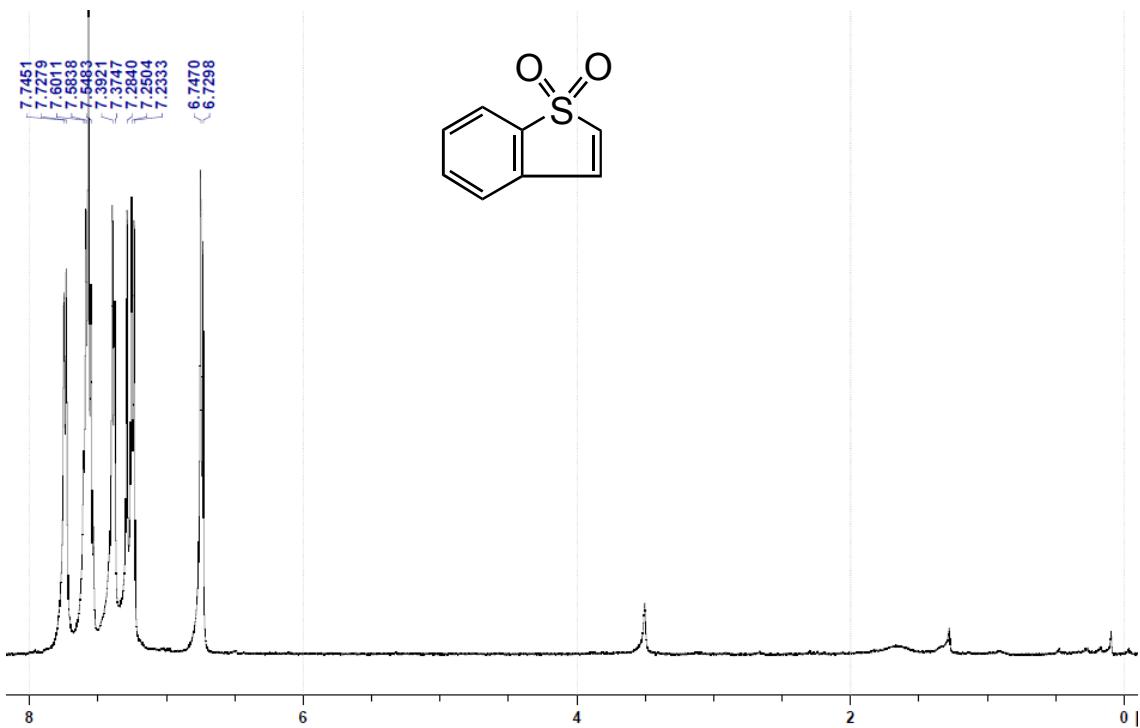
^{13}C -NMR in CDCl_3 .



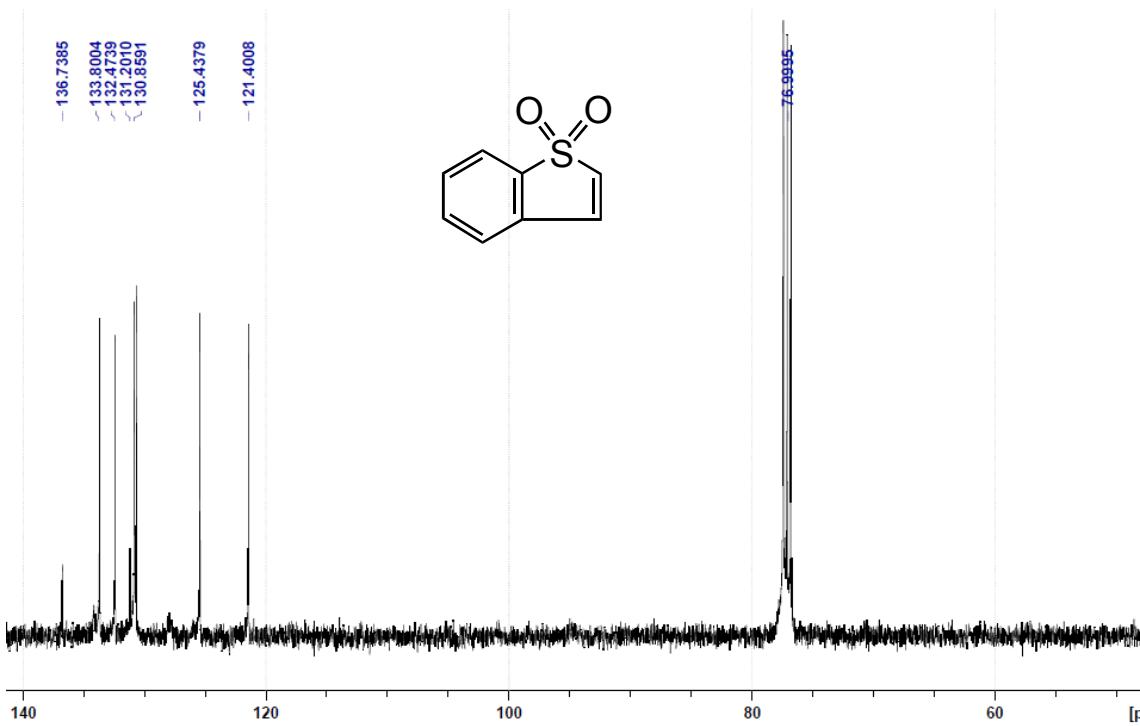
¹H-NMR in CDCl₃.



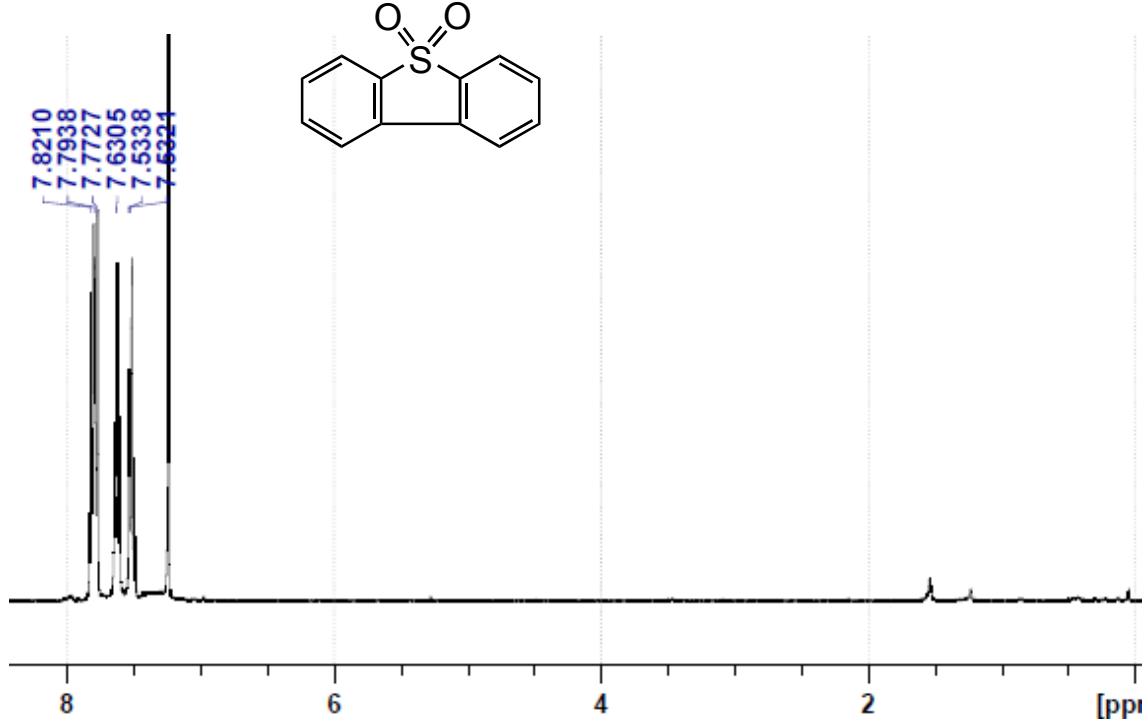
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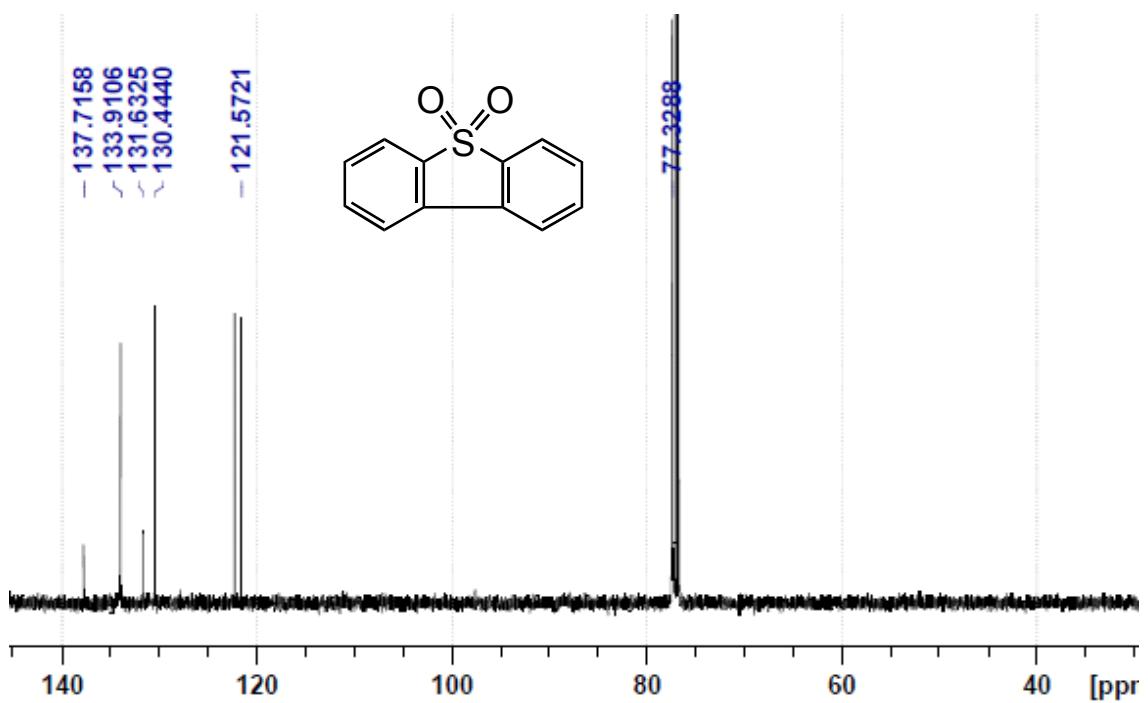
¹H-NMR in CDCl₃.



¹³C-NMR in CDCl₃.

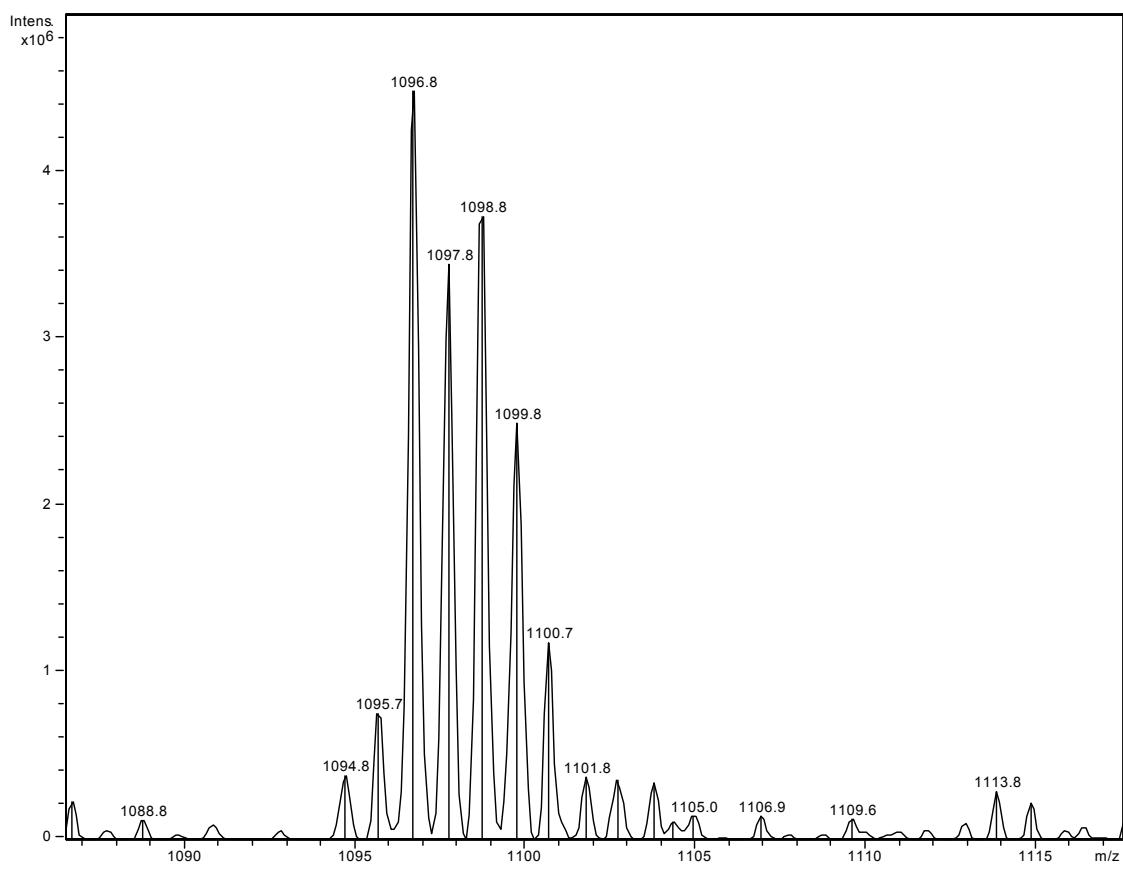


¹H-NMR in CDCl₃.



¹³C-NMR in CDCl₃.

MS-ESI of complex 1



MS-ESI of complex **1** treated with 10-fold excess of H₂O₂

