

Asymmetric [3,3]- and [1,3]-Sigmatropic Rearrangement of γ -Allyloxy Vinylogous Urethanes

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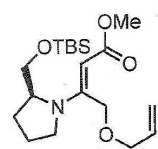
^b*Department of Applied Chemistry, Chaoyang University of Technology, Wufeng, Taichung County, 413 Taiwan*

Supporting Information

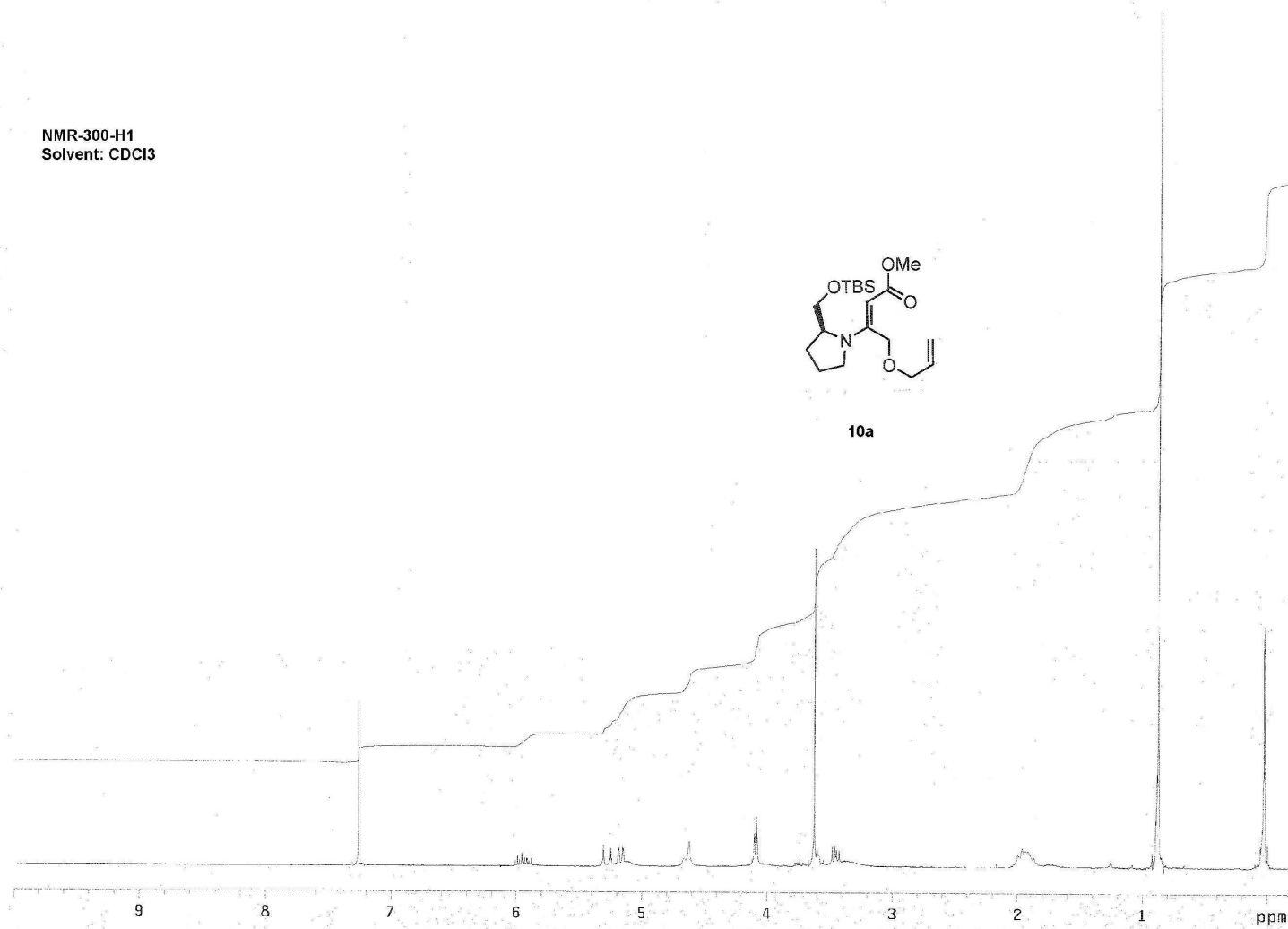
¹H and ¹³C NMR Spectra

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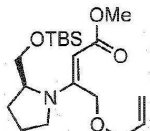
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Solvent: CDCl₃

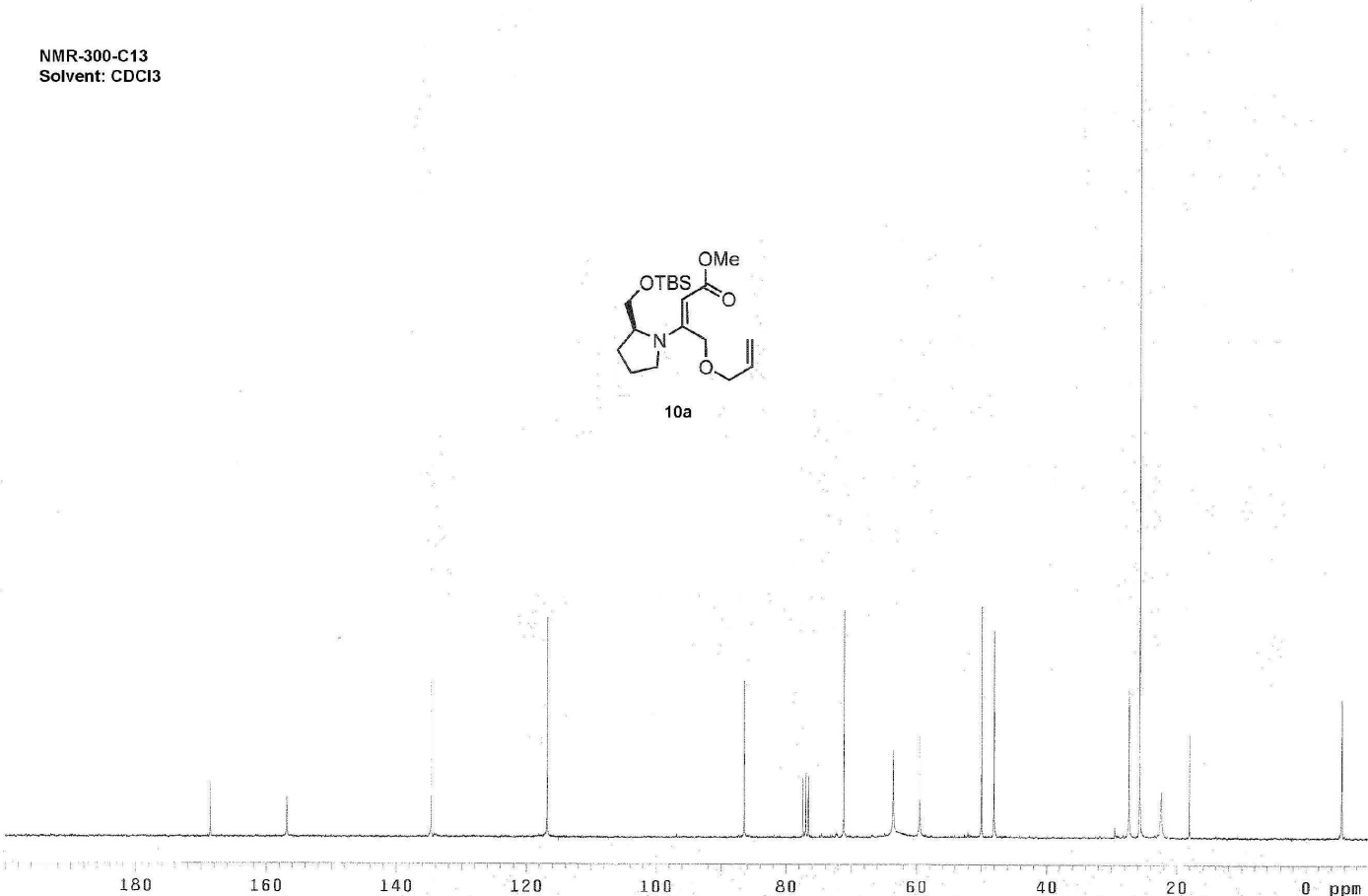


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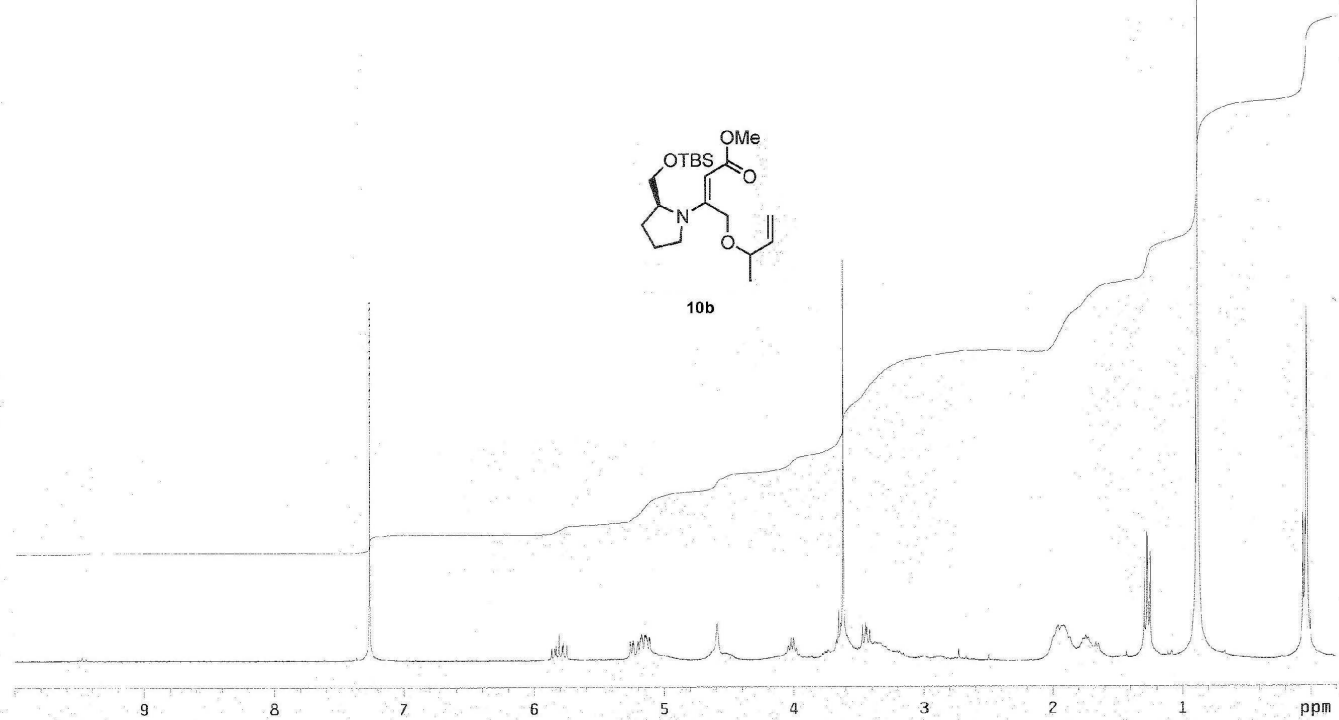


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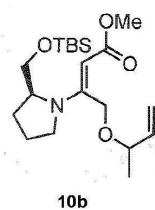

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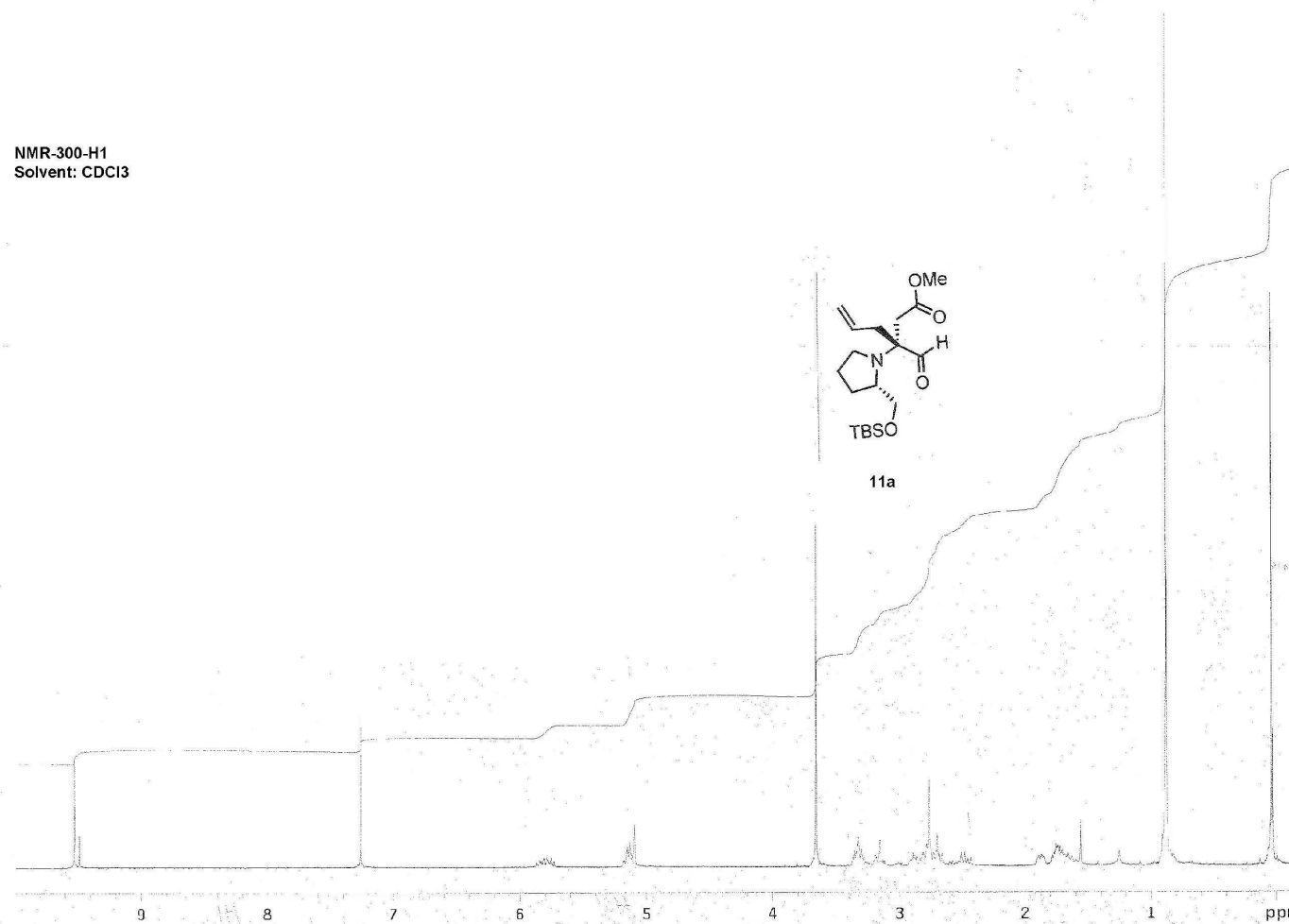
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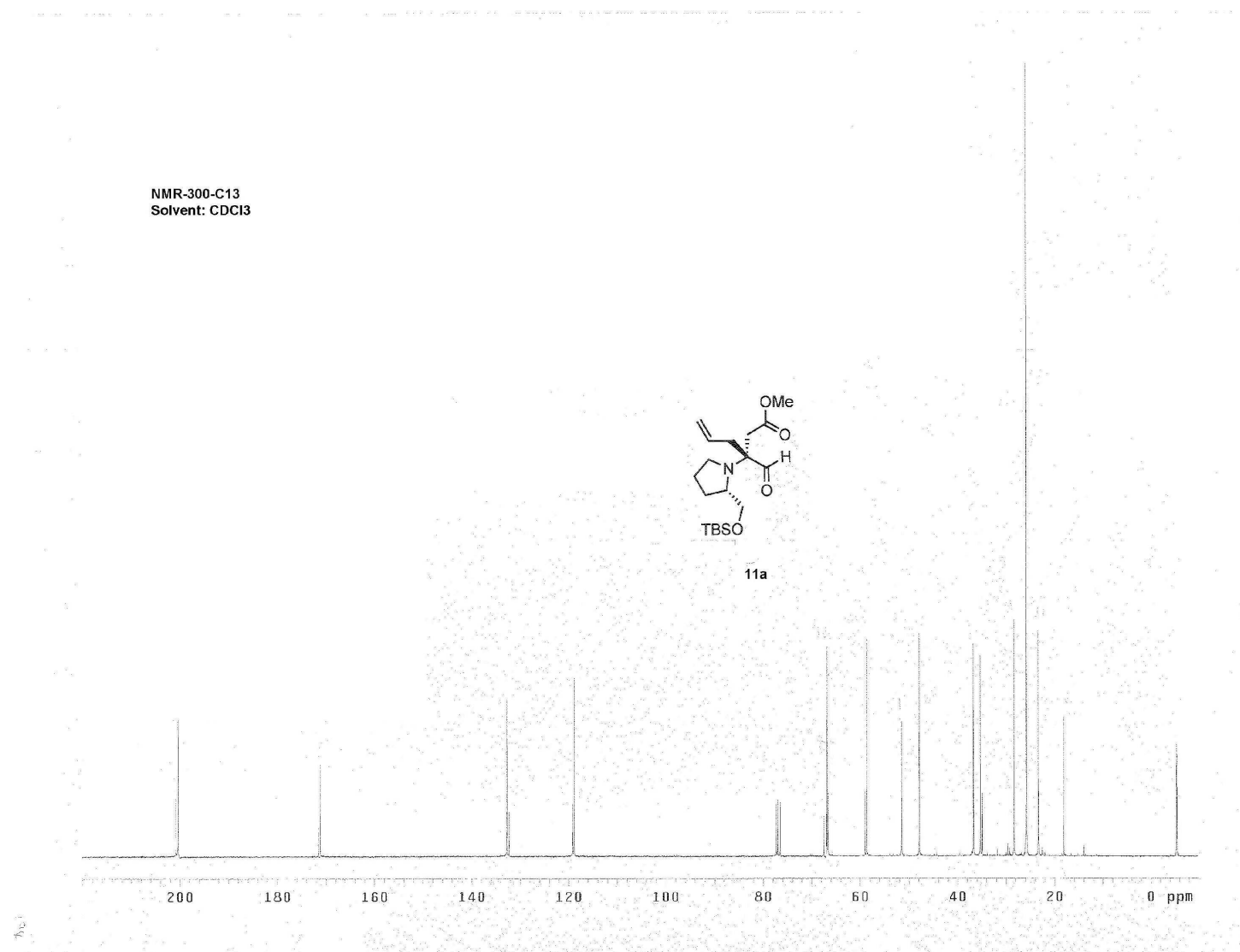


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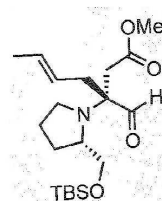


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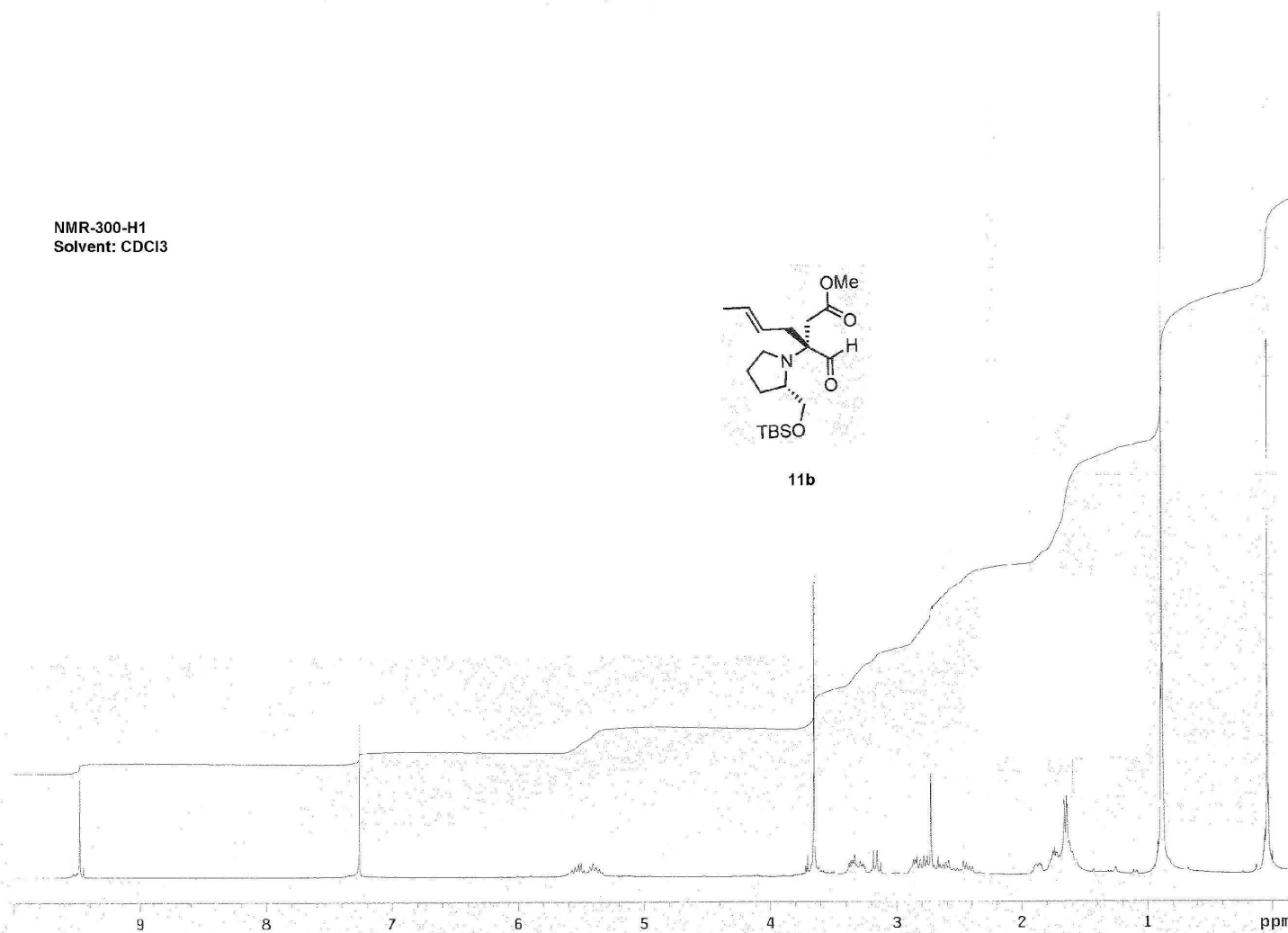




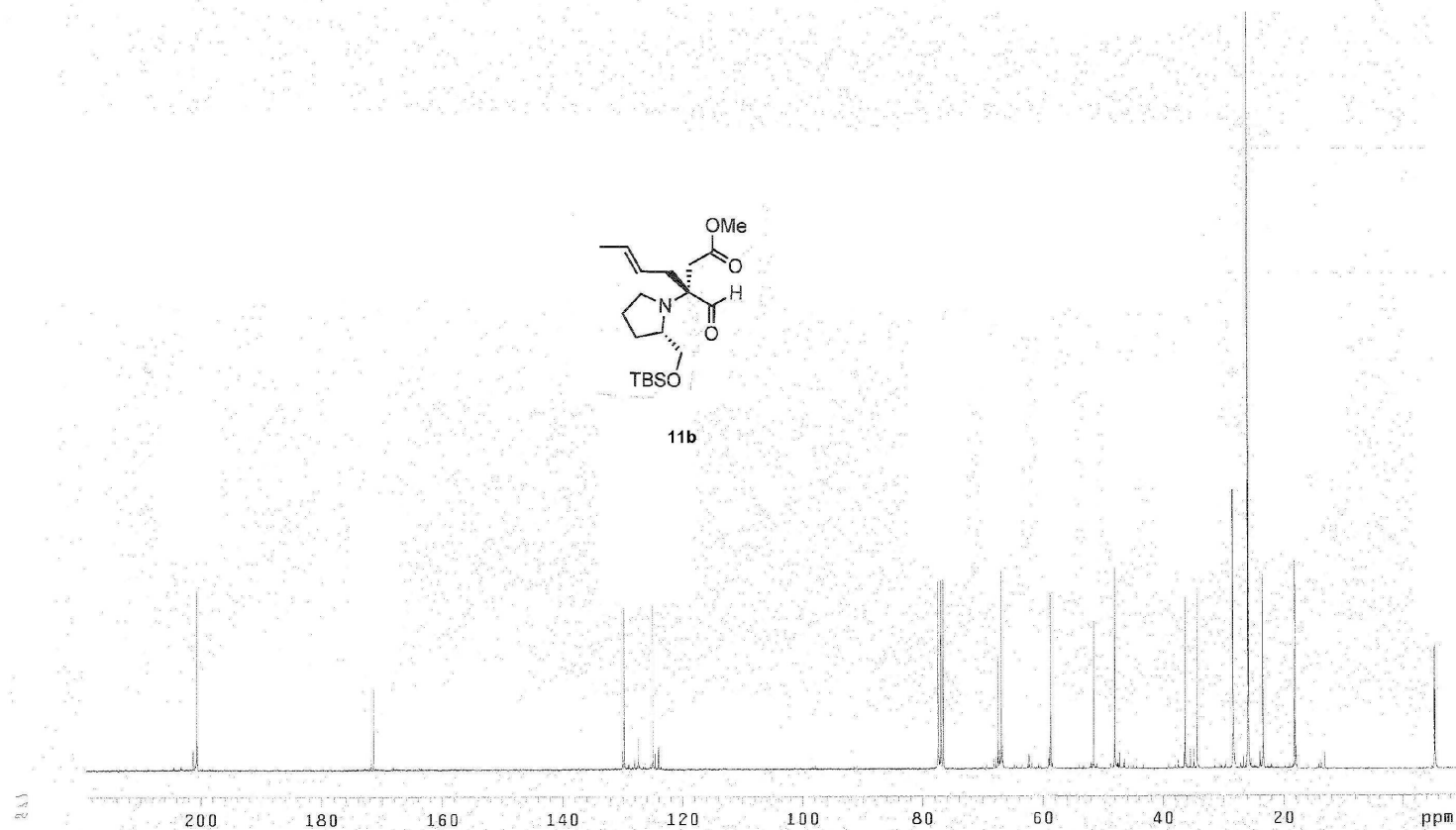
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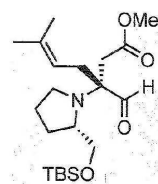
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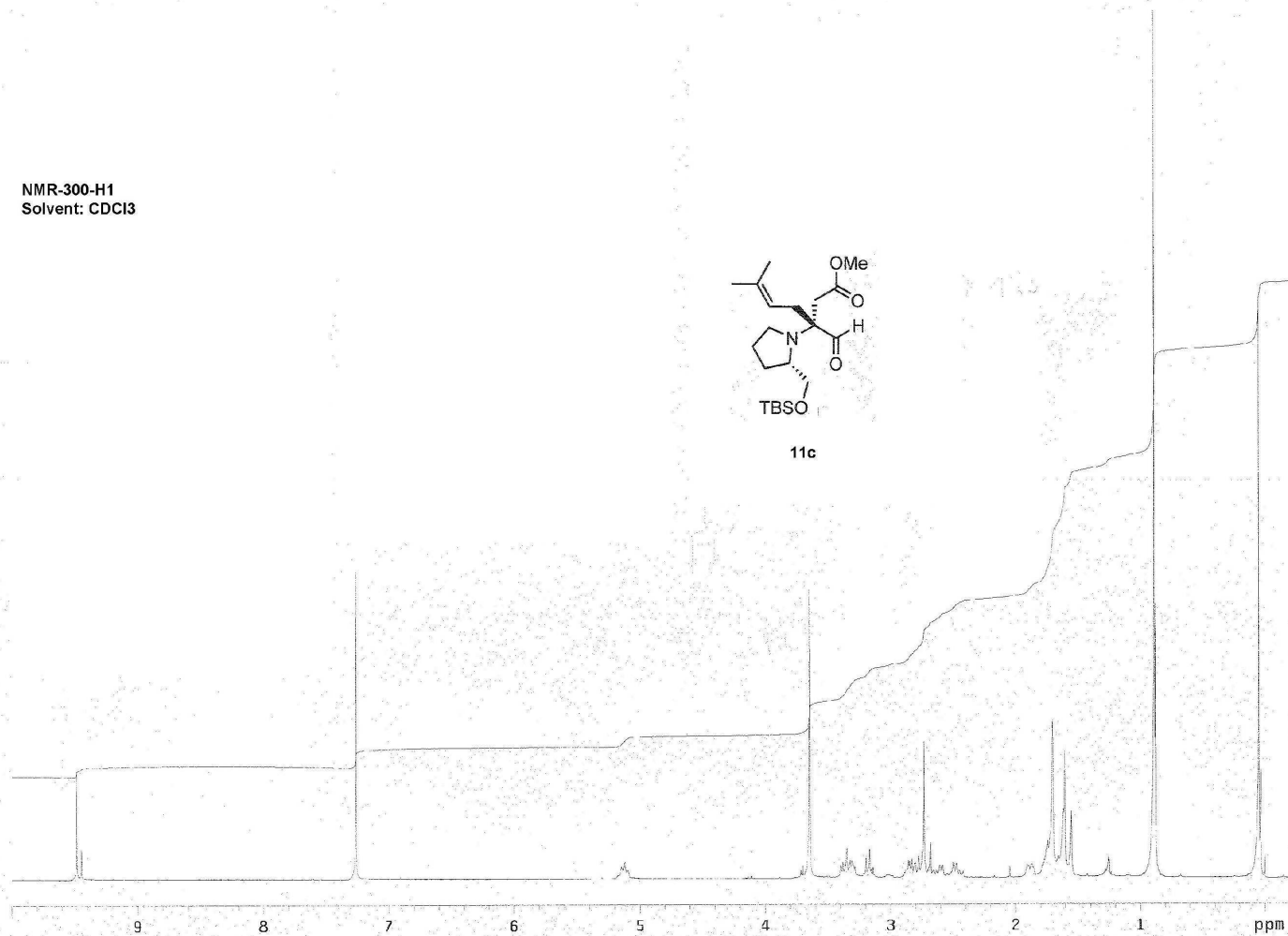
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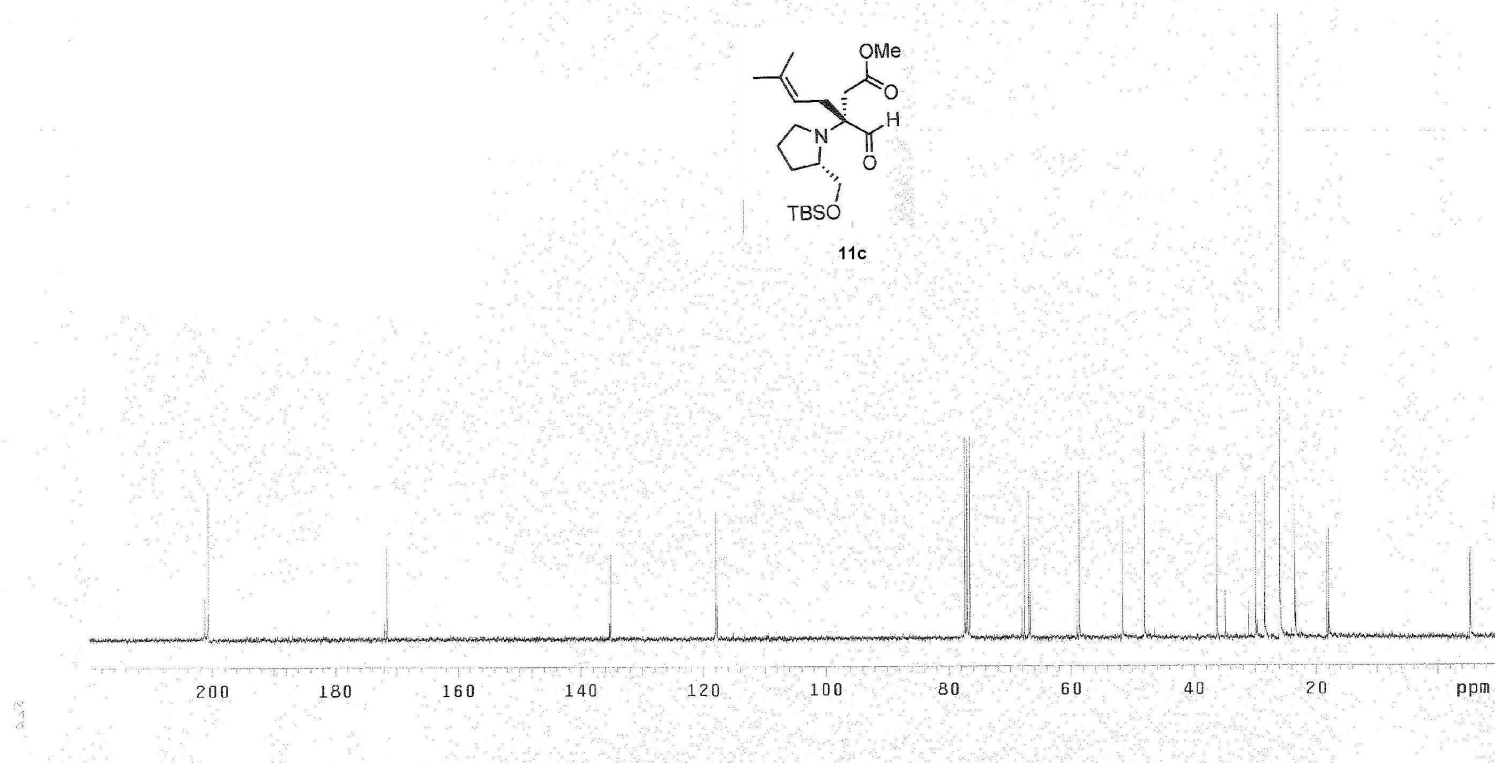
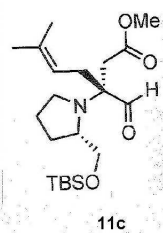
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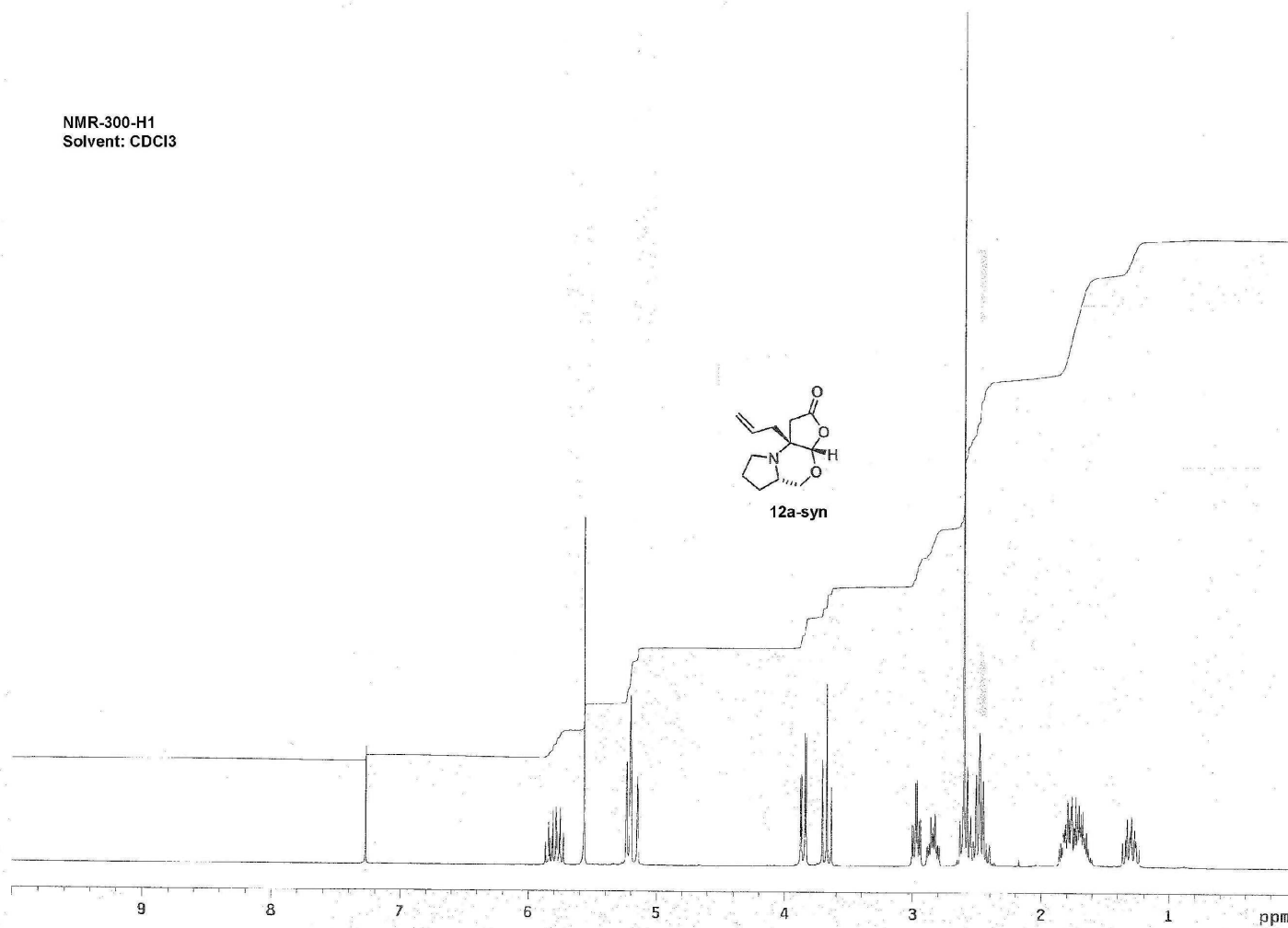
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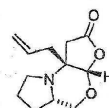
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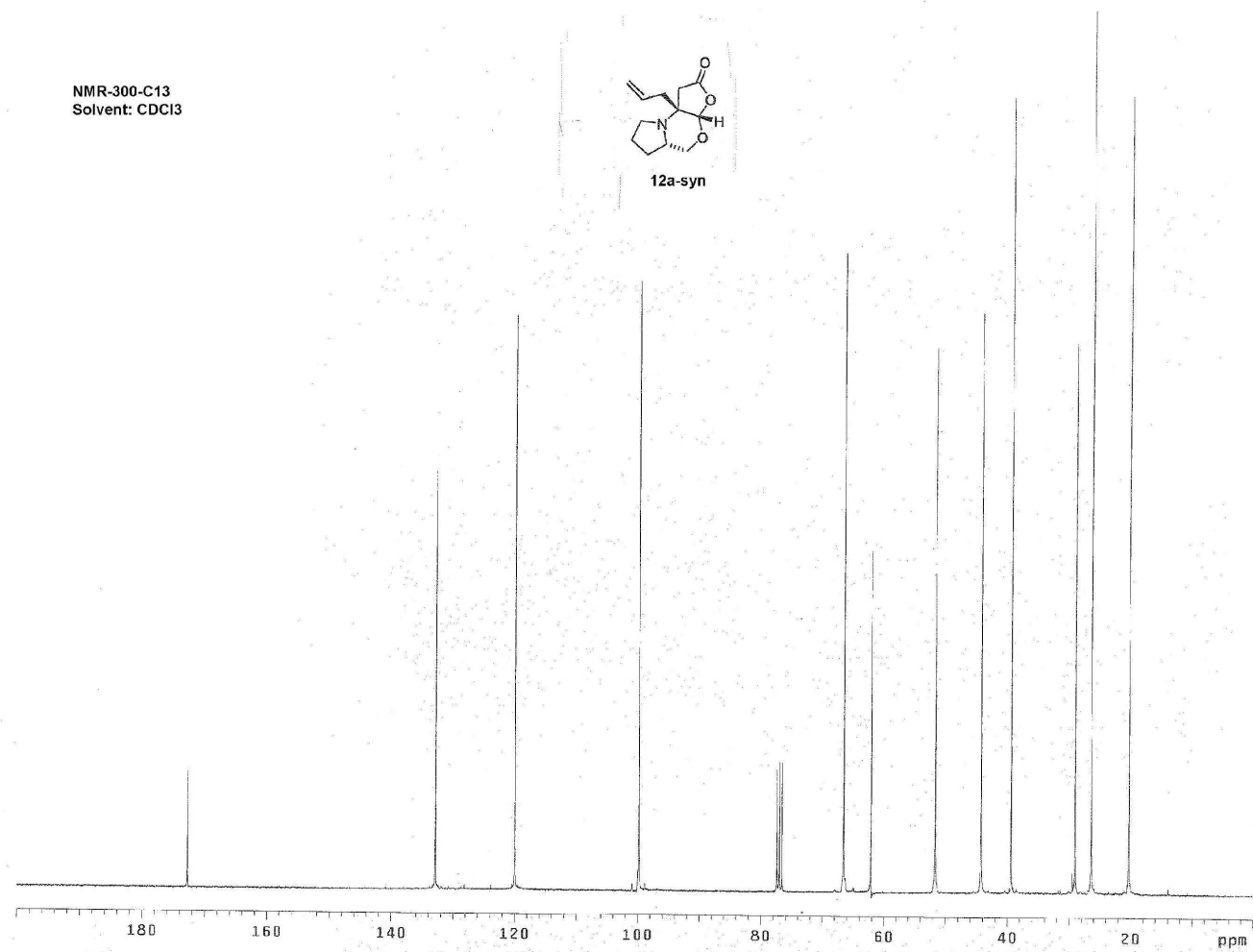
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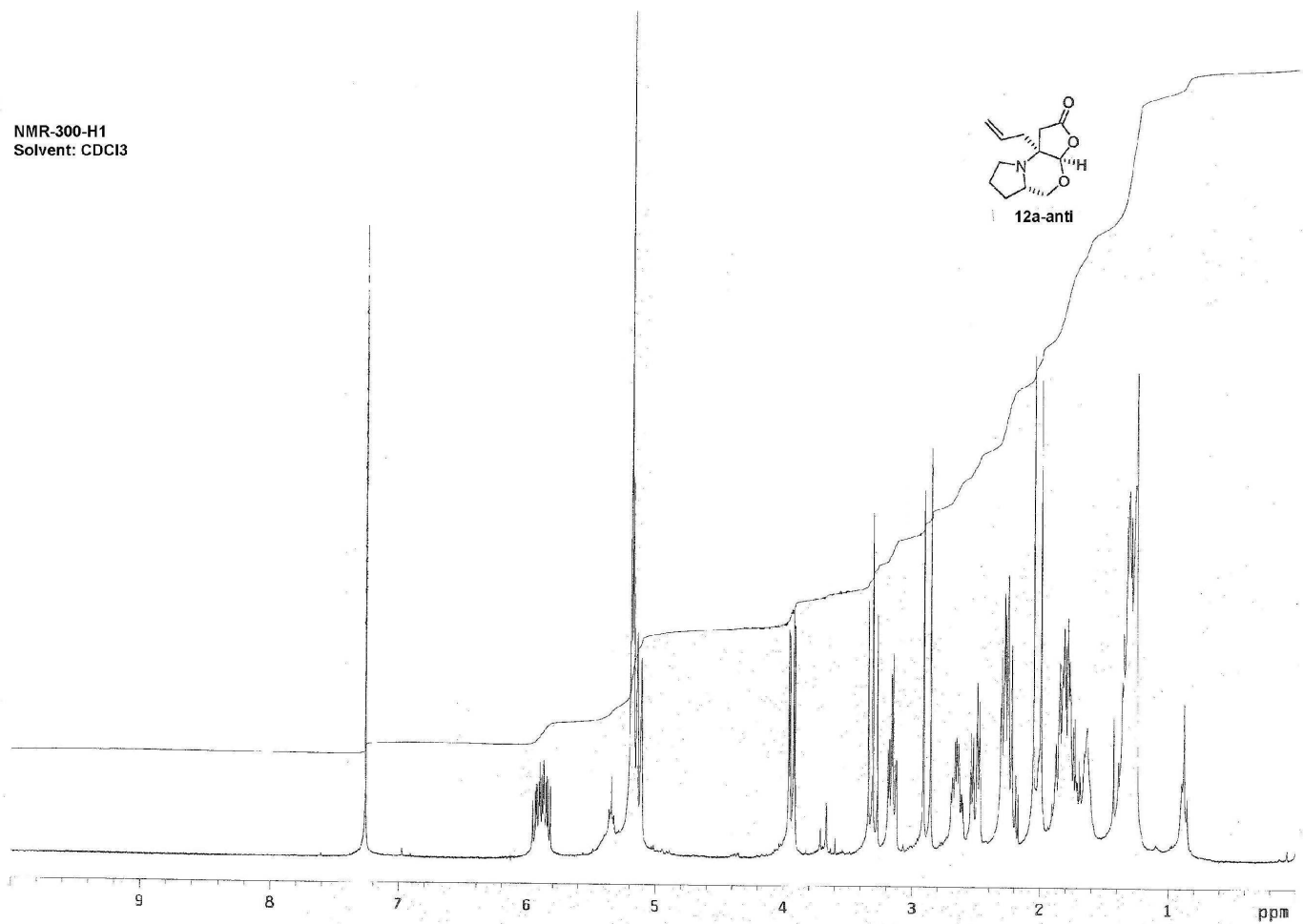
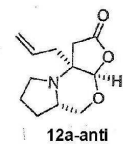
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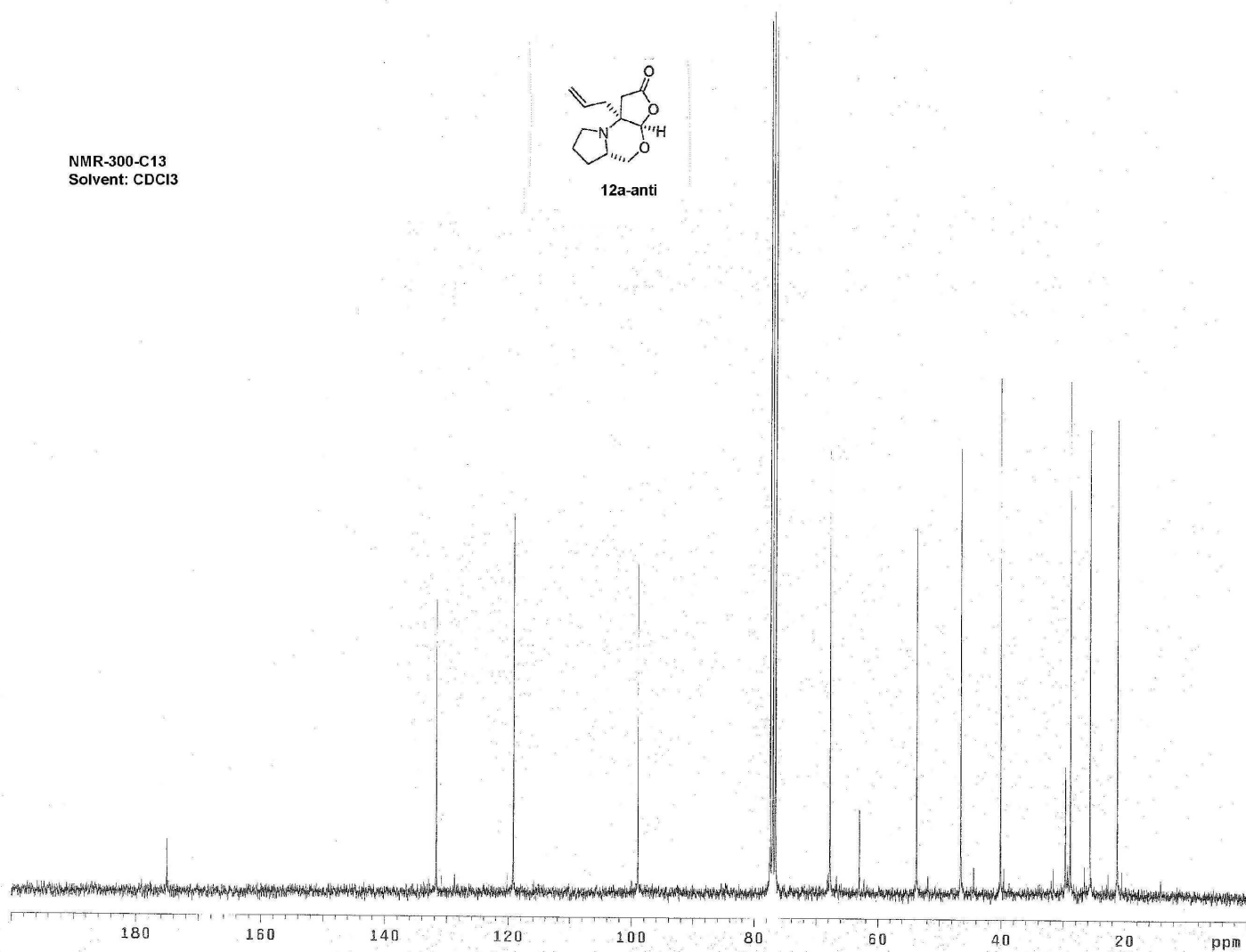
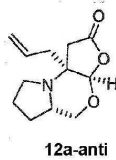
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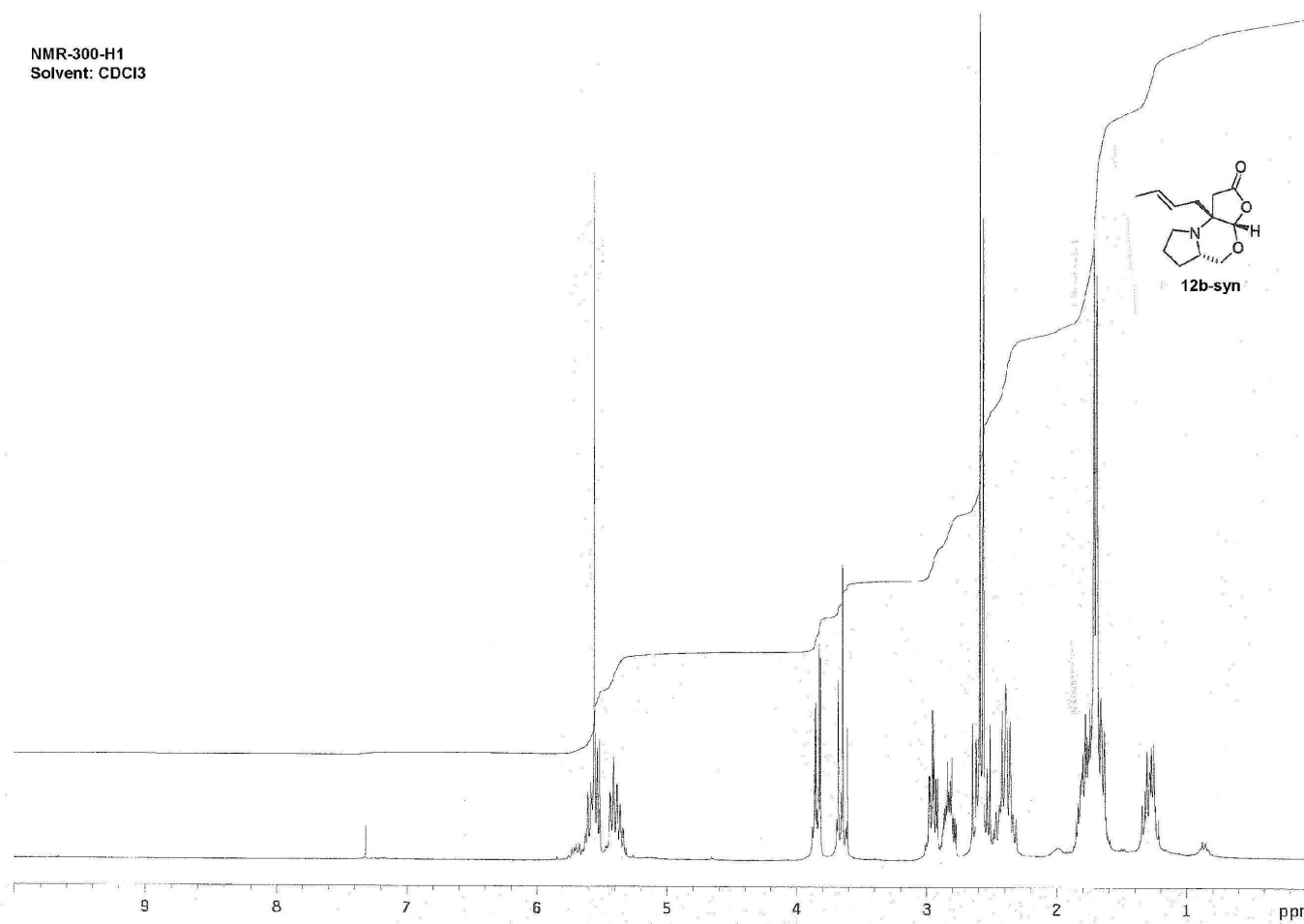
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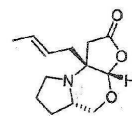
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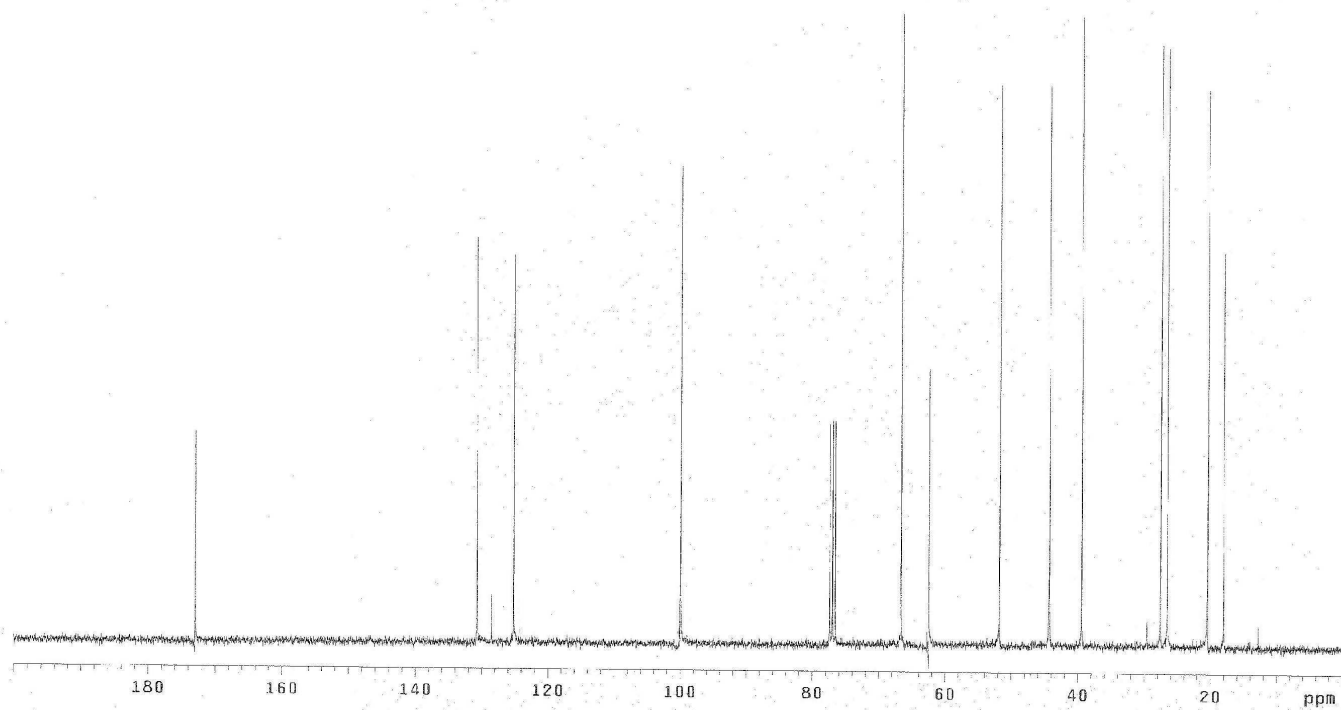
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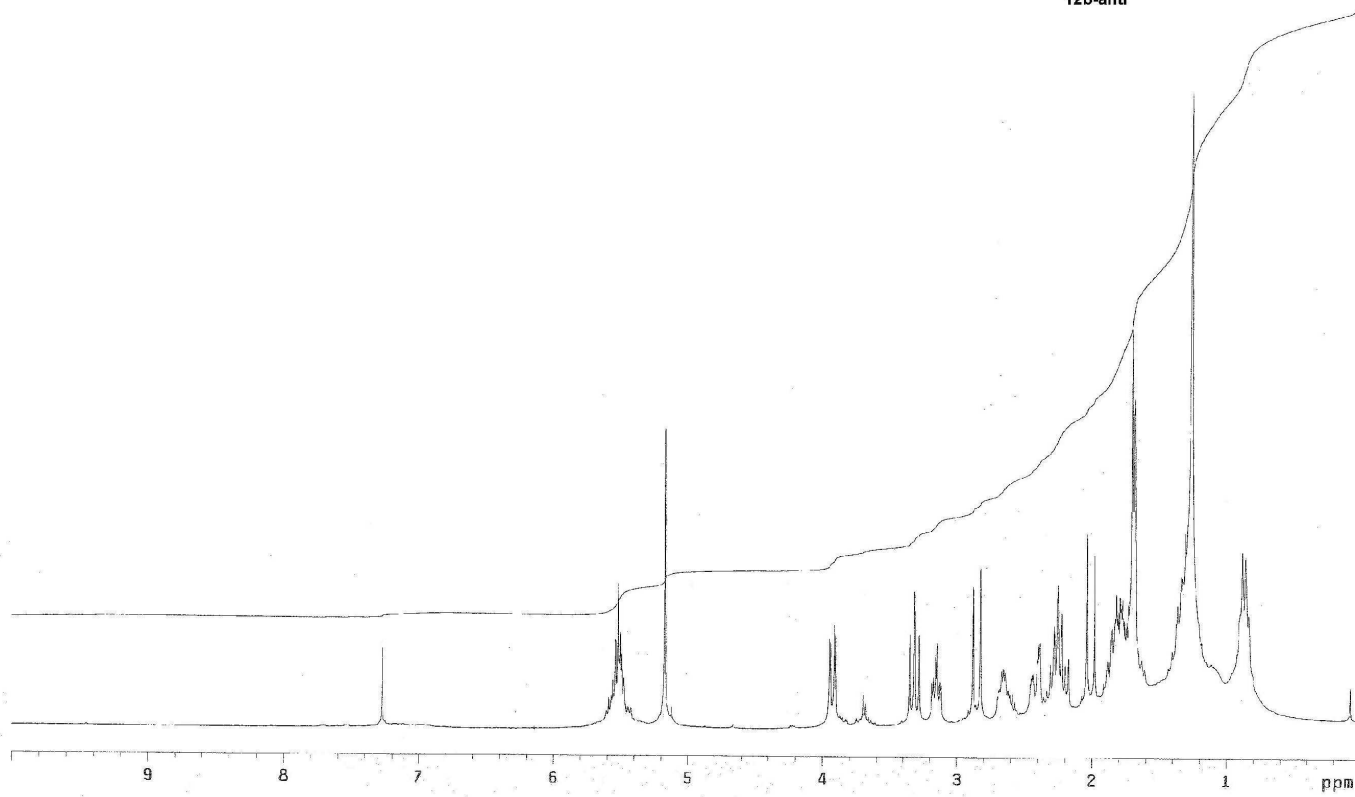
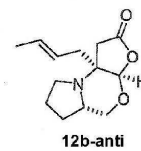
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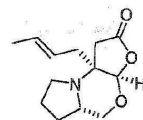
12b-syn



NMR-300-H1
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NMR-300-C13
Solvent: CDCl₃



12b-anti

