

SPECTRAL DATA FOR:

Olefinic-Amide and Olefinic-Lactam Cyclizations

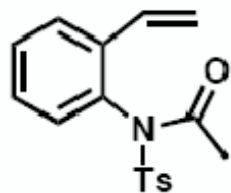
Jie Zhou and Jon D. Rainier*

Department of Chemistry, University of Utah, 315 South 1400 East, Salt

Lake City, UT, 84112

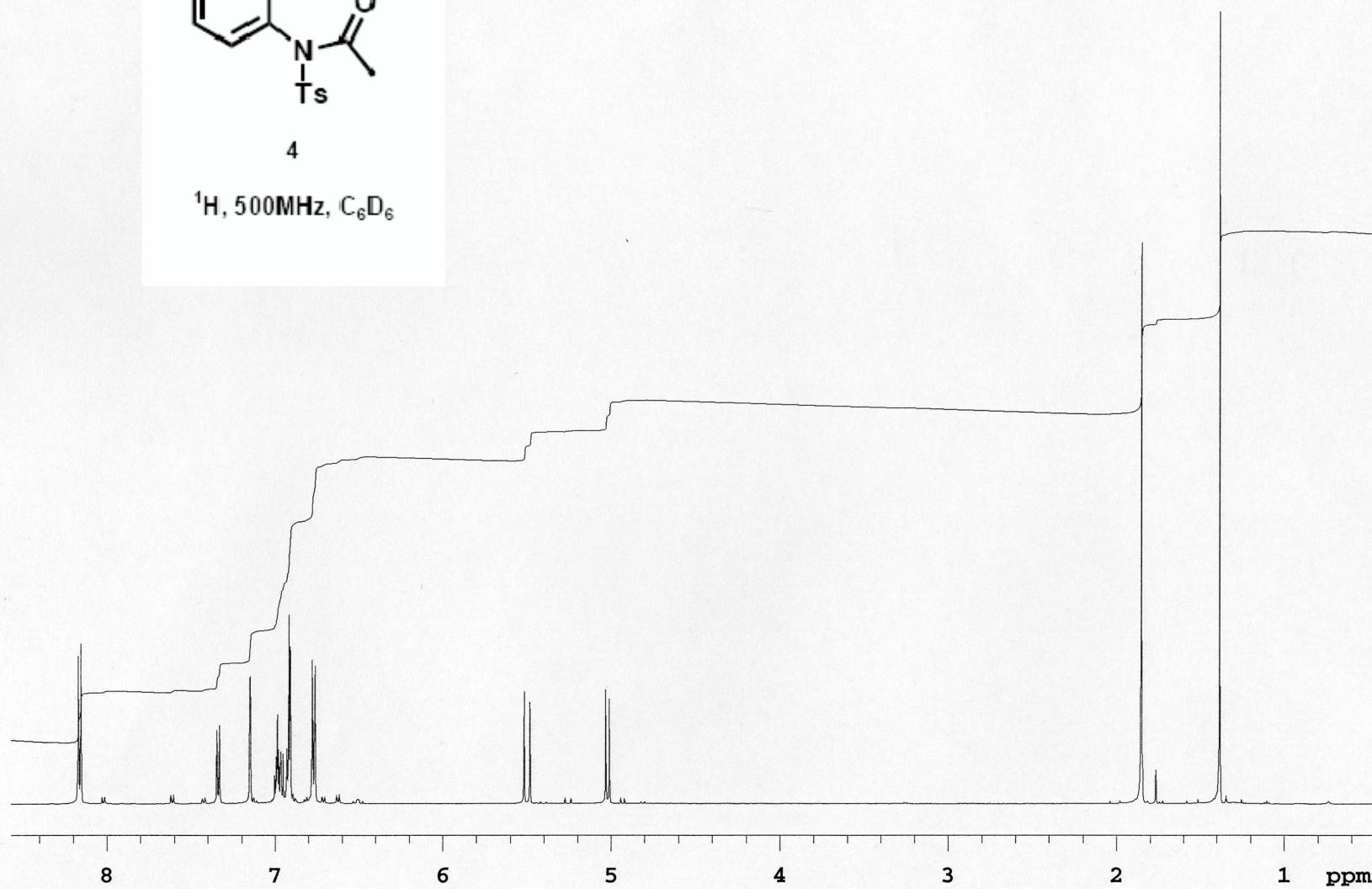
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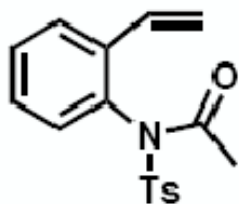
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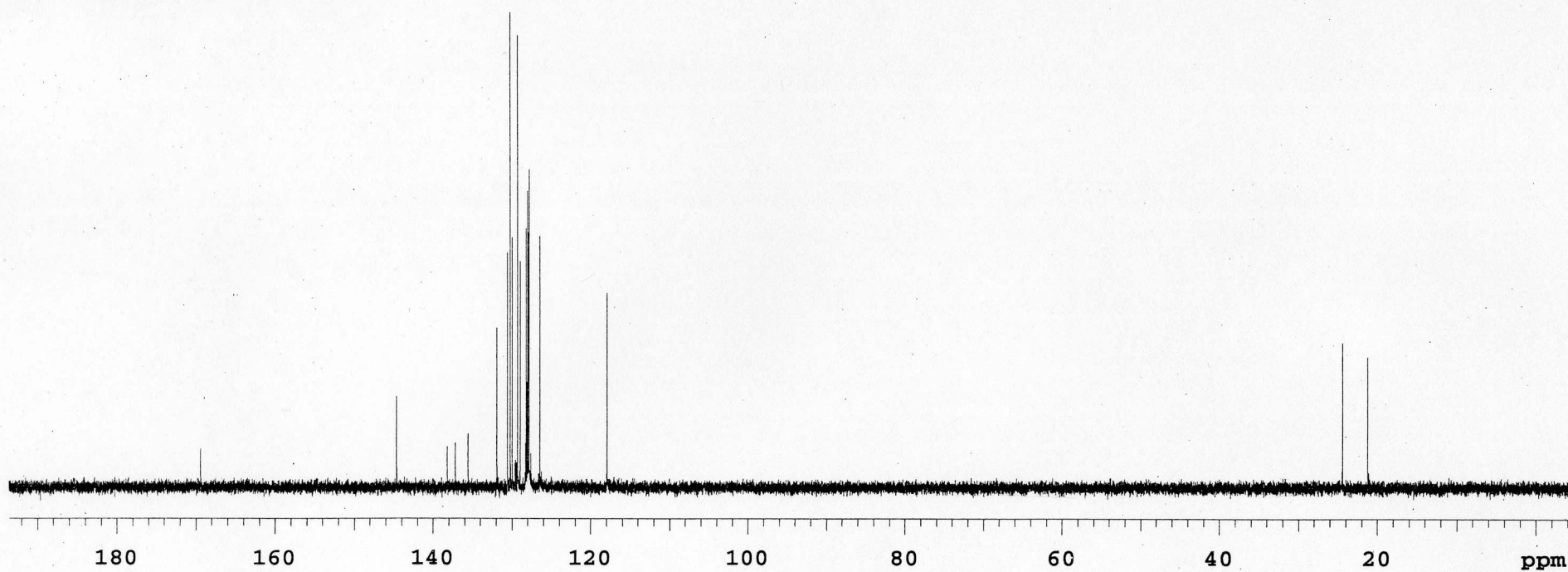
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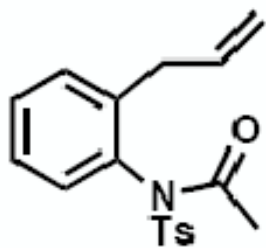




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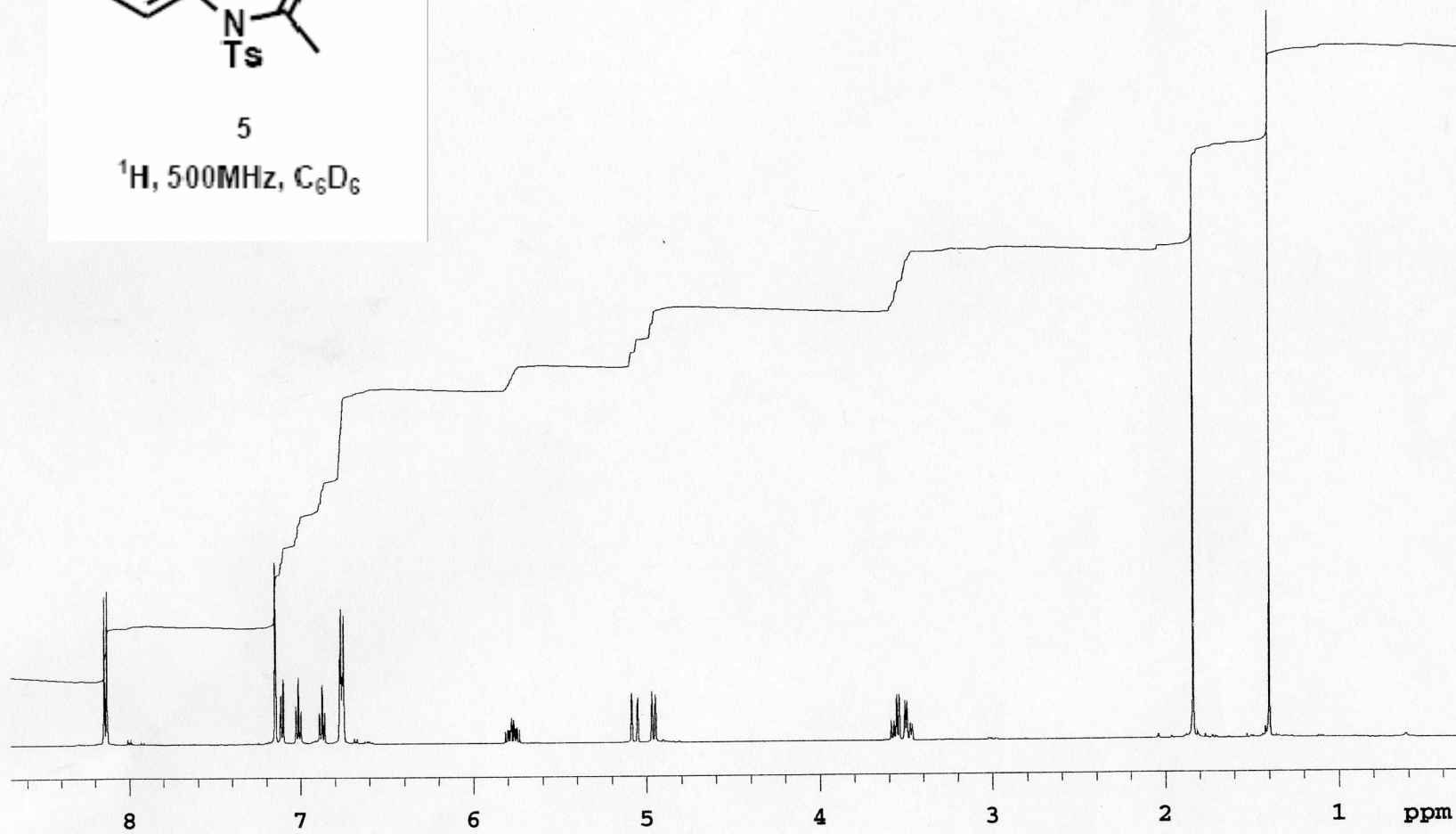
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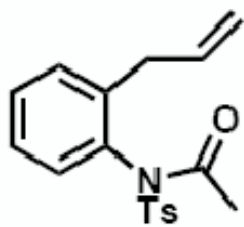




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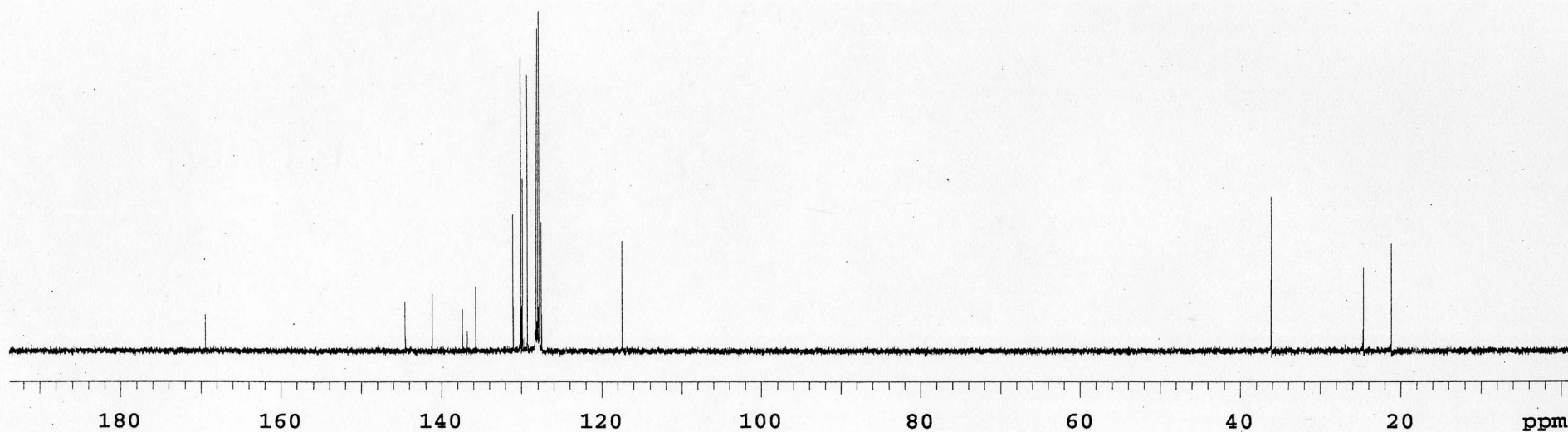
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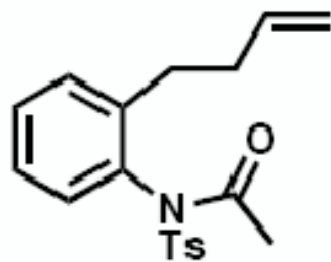




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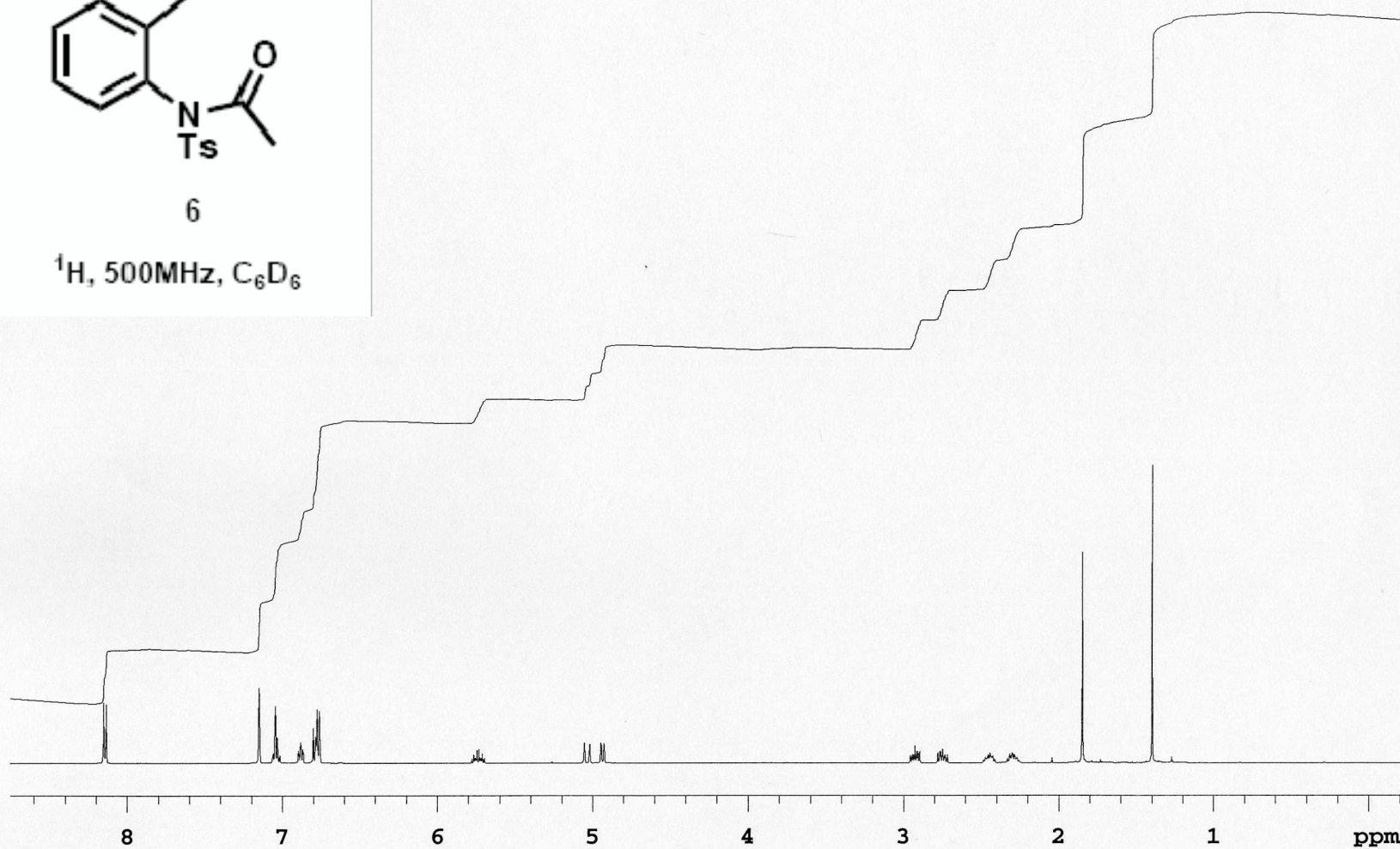
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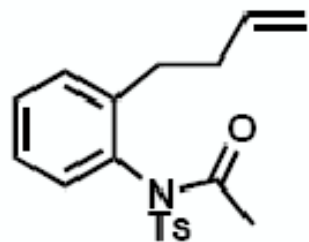




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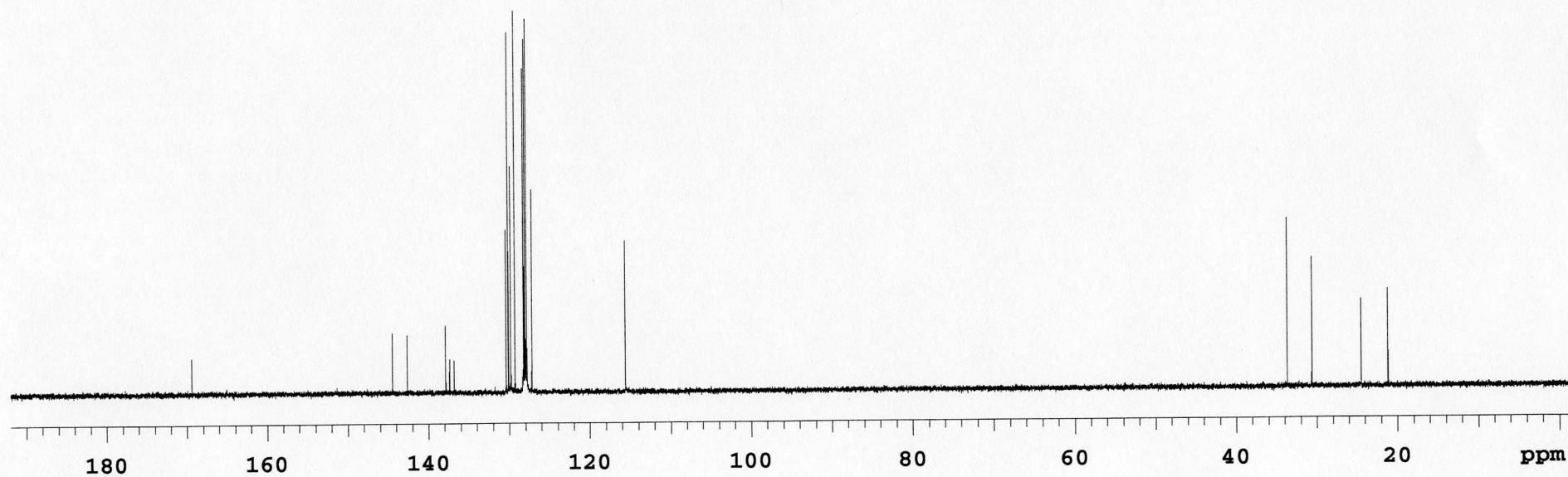
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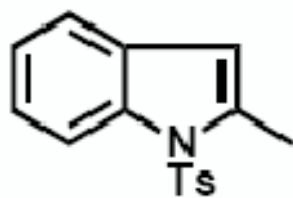




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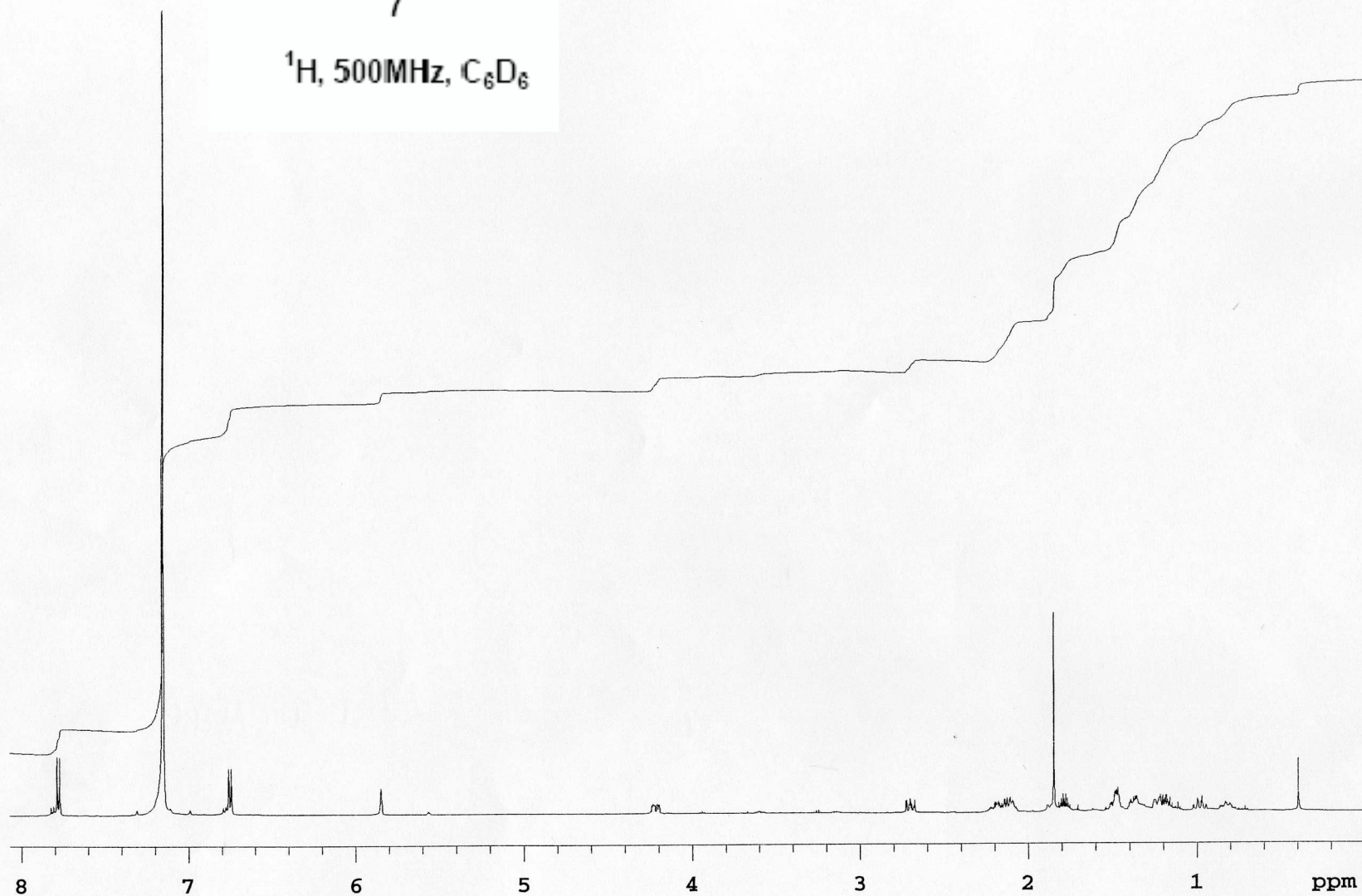
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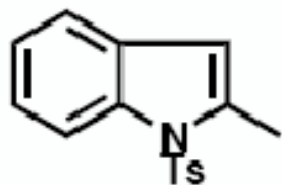




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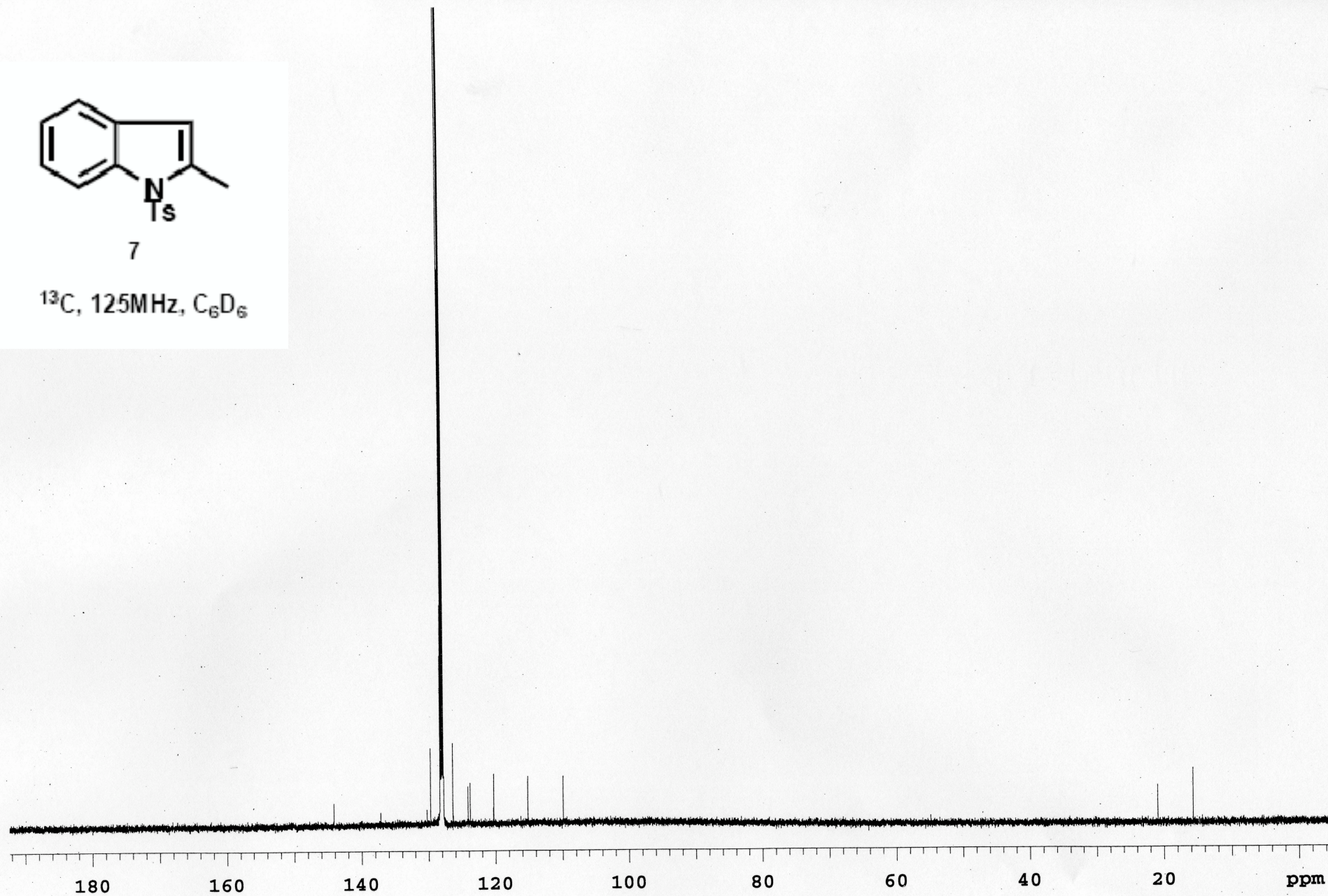
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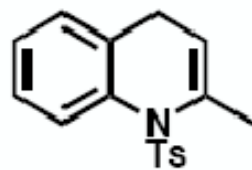




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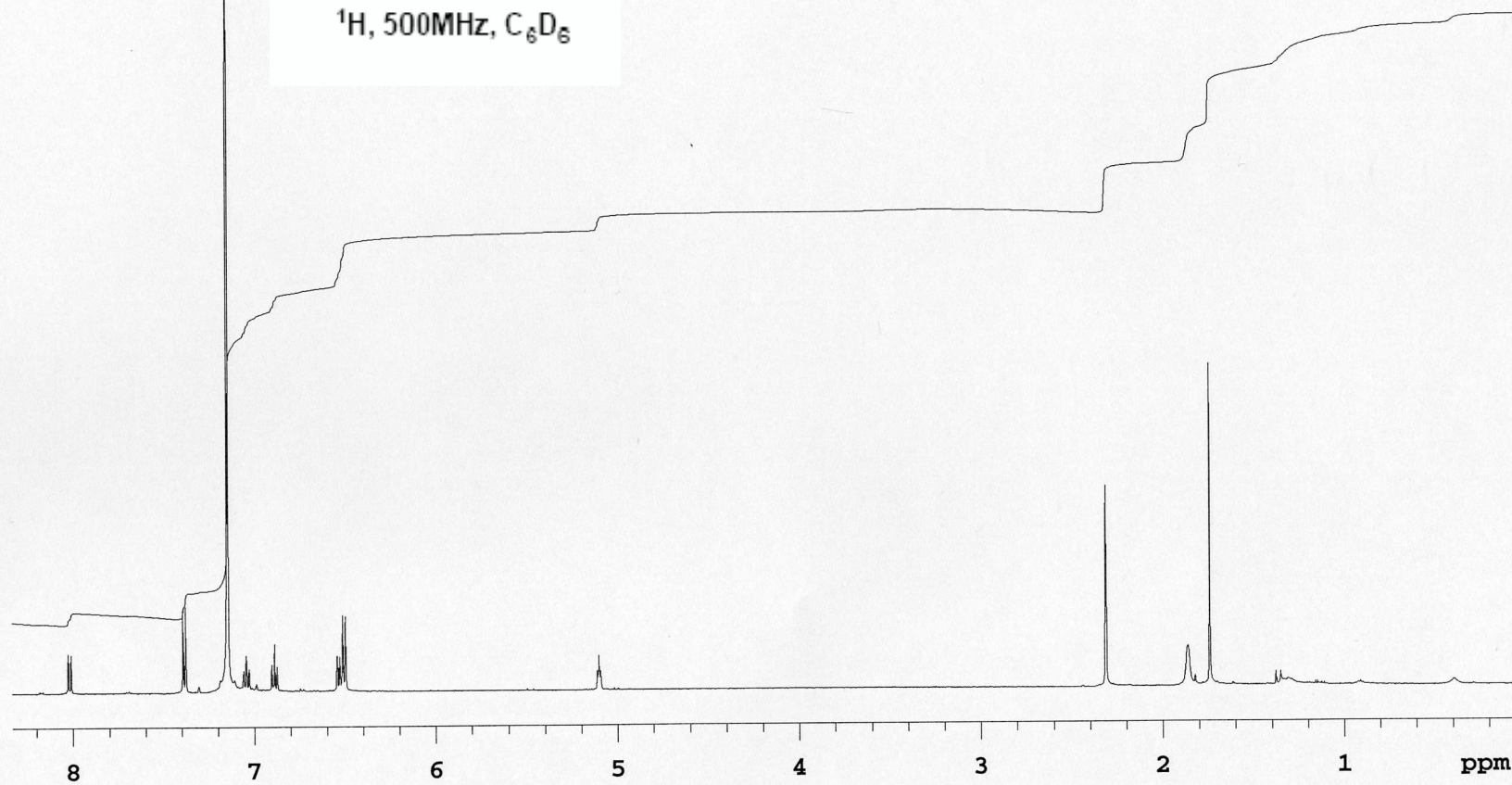
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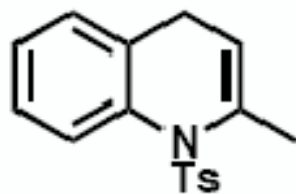




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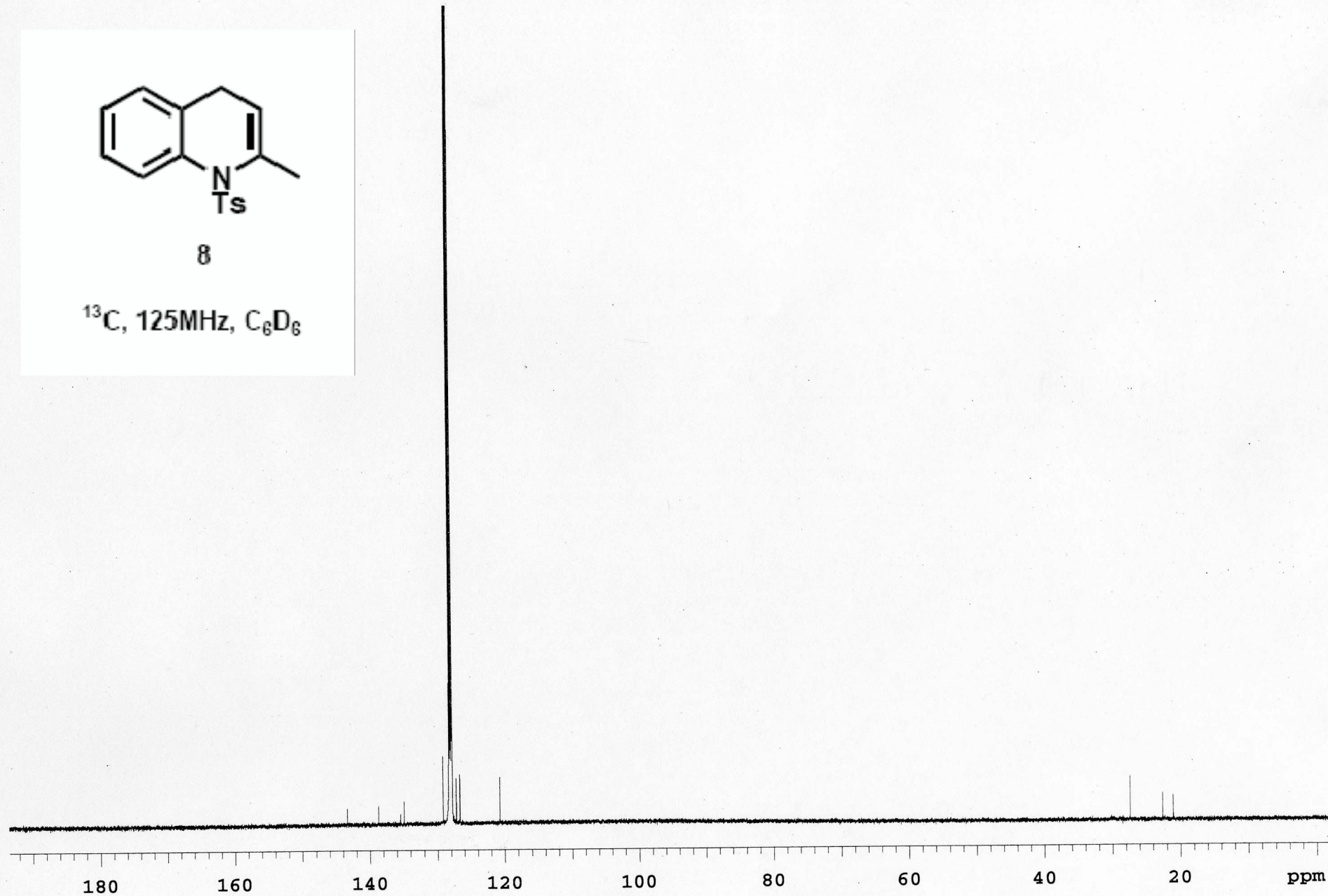
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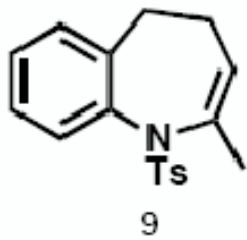




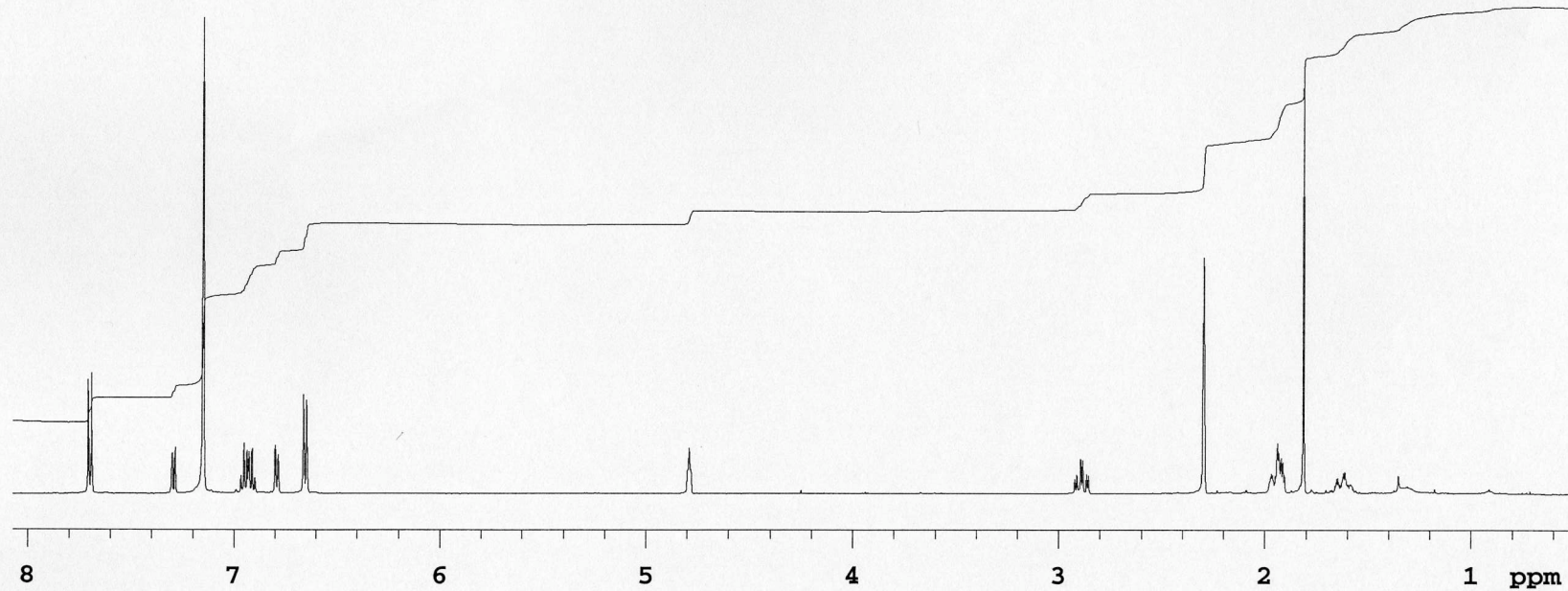
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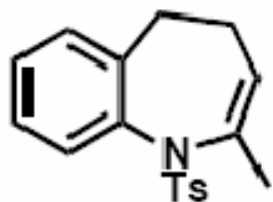
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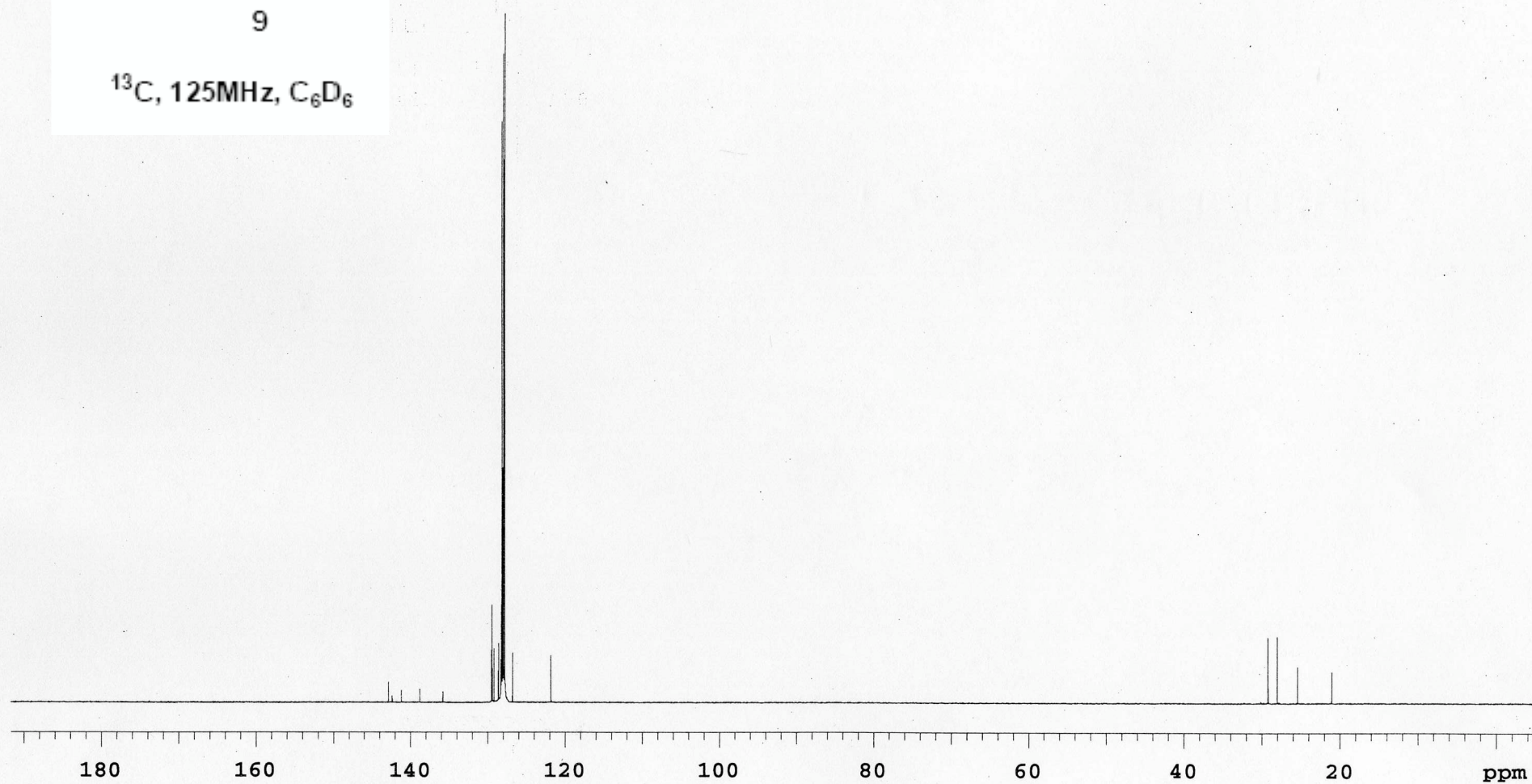
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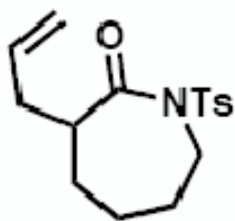


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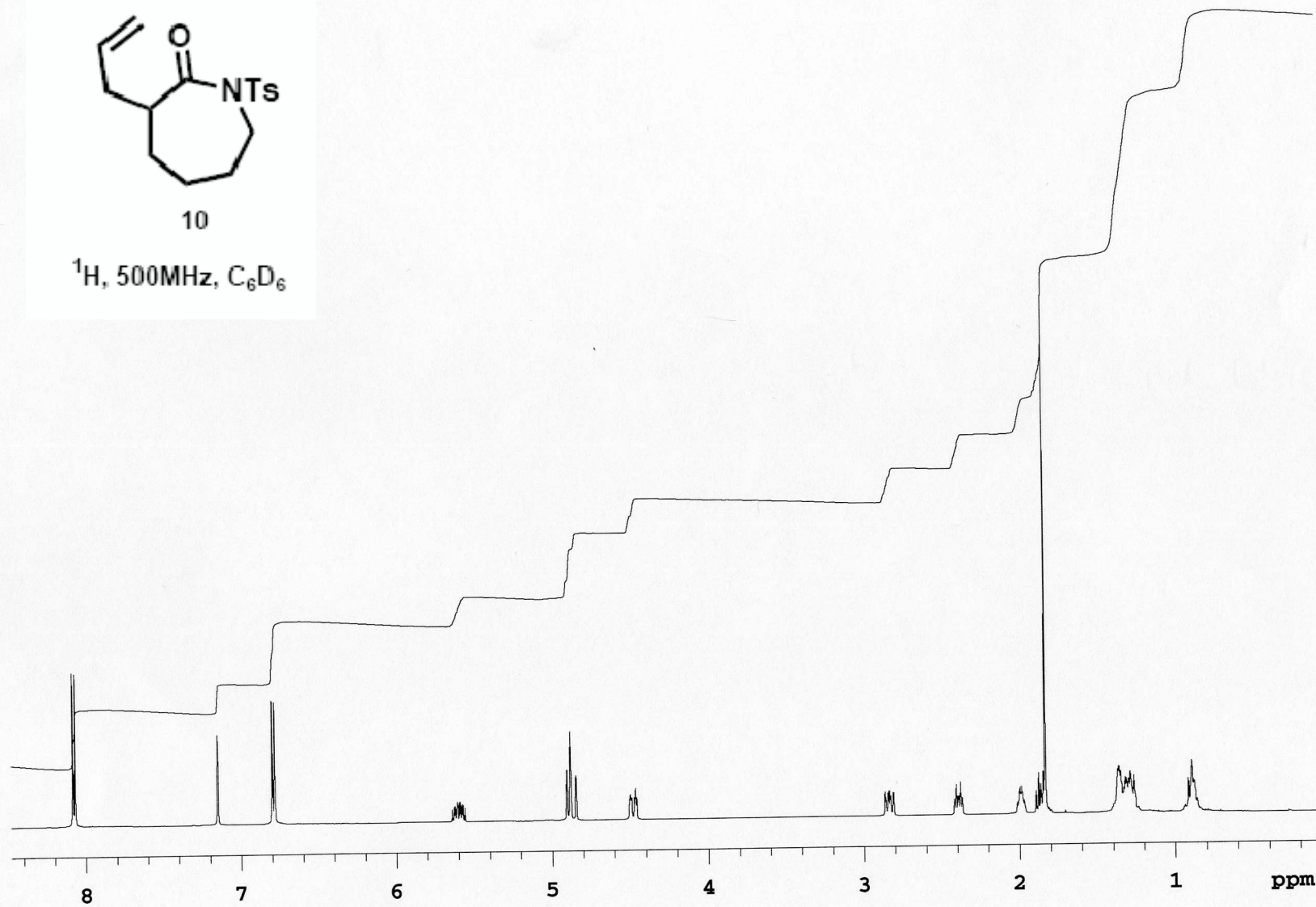


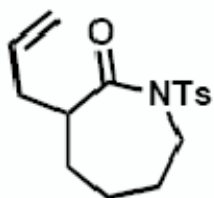




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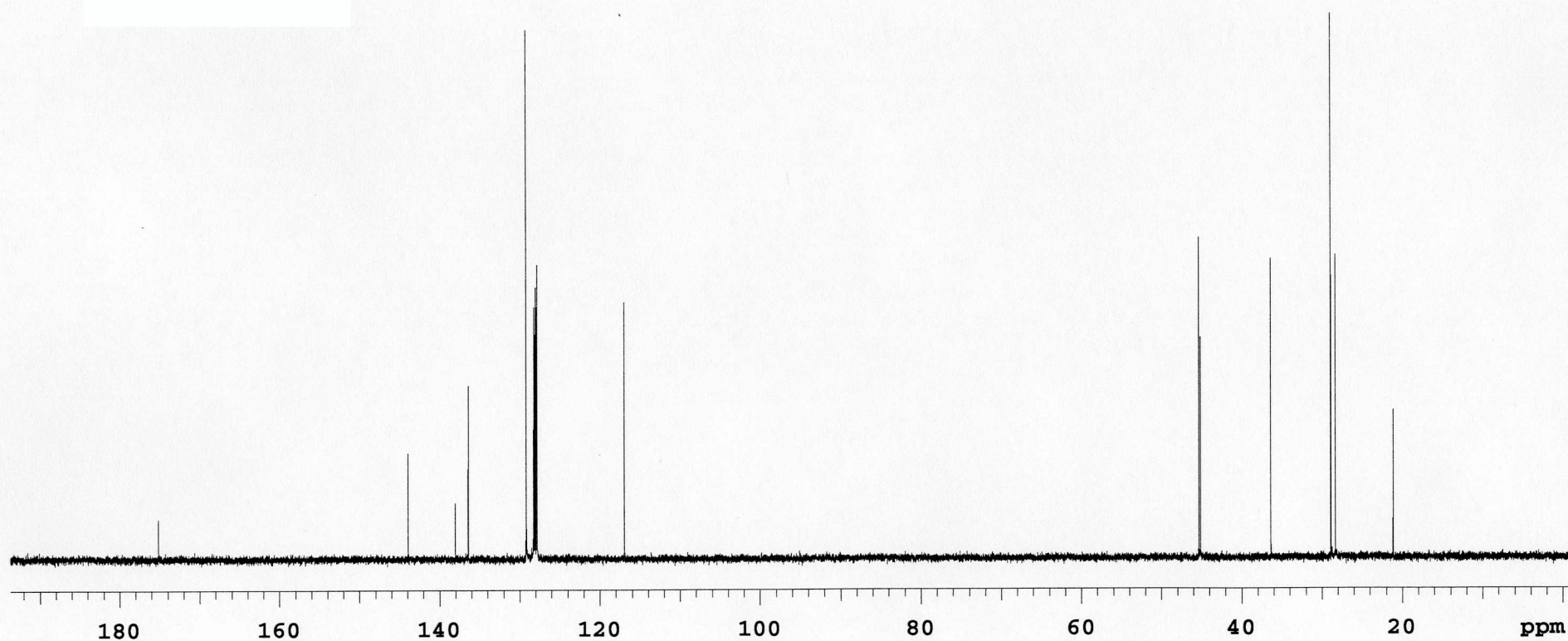
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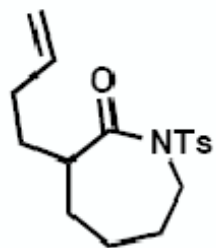




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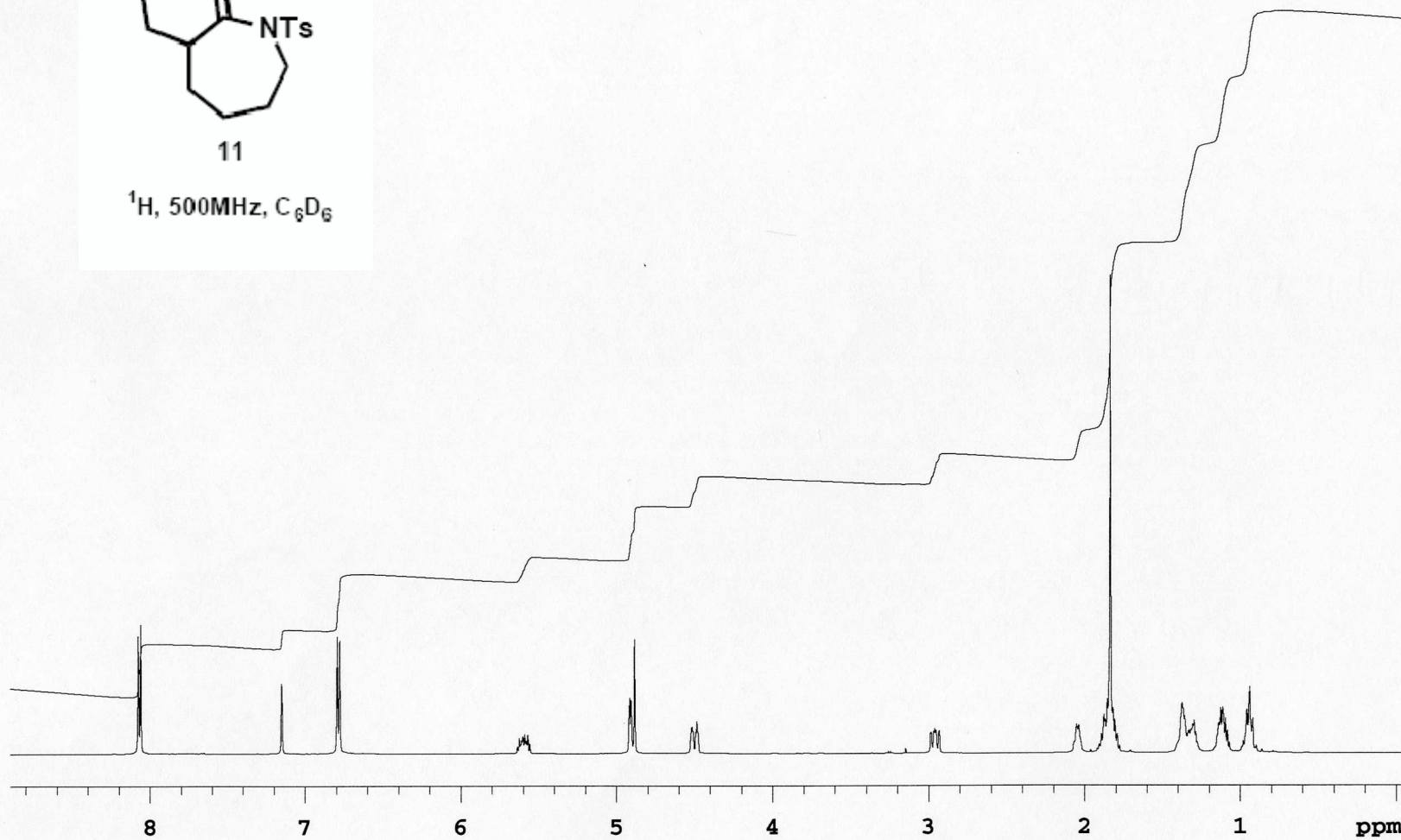
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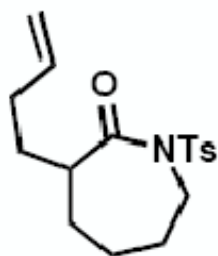




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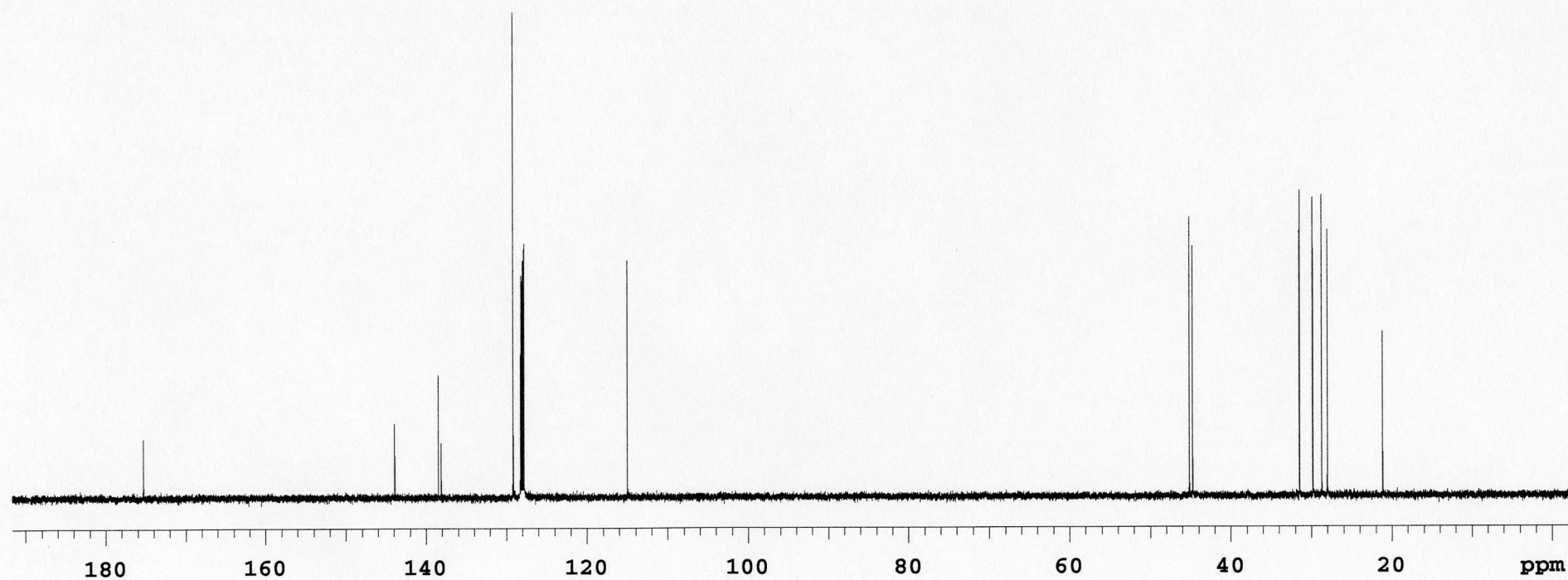
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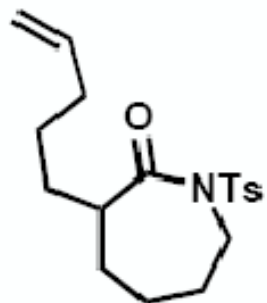




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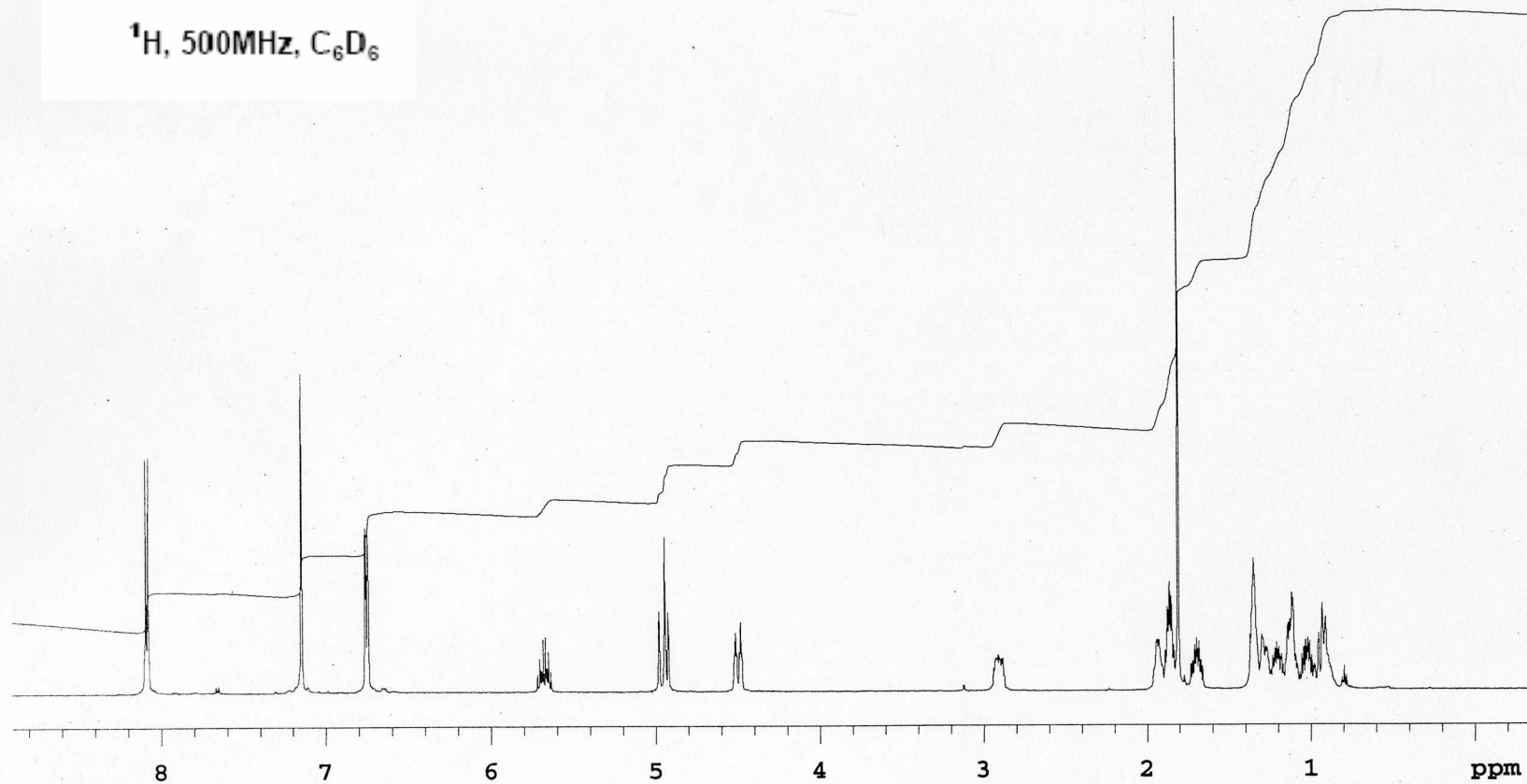
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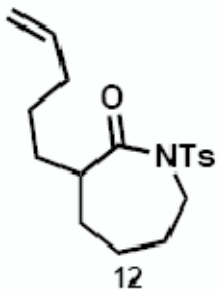




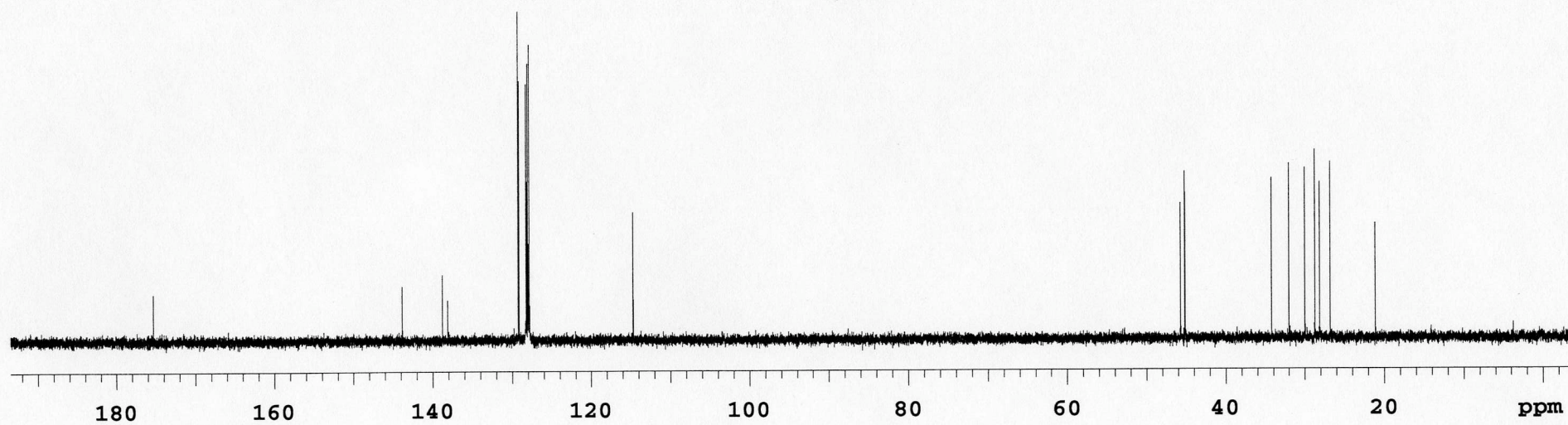
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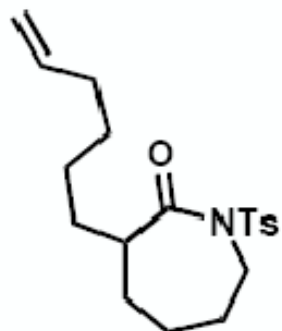
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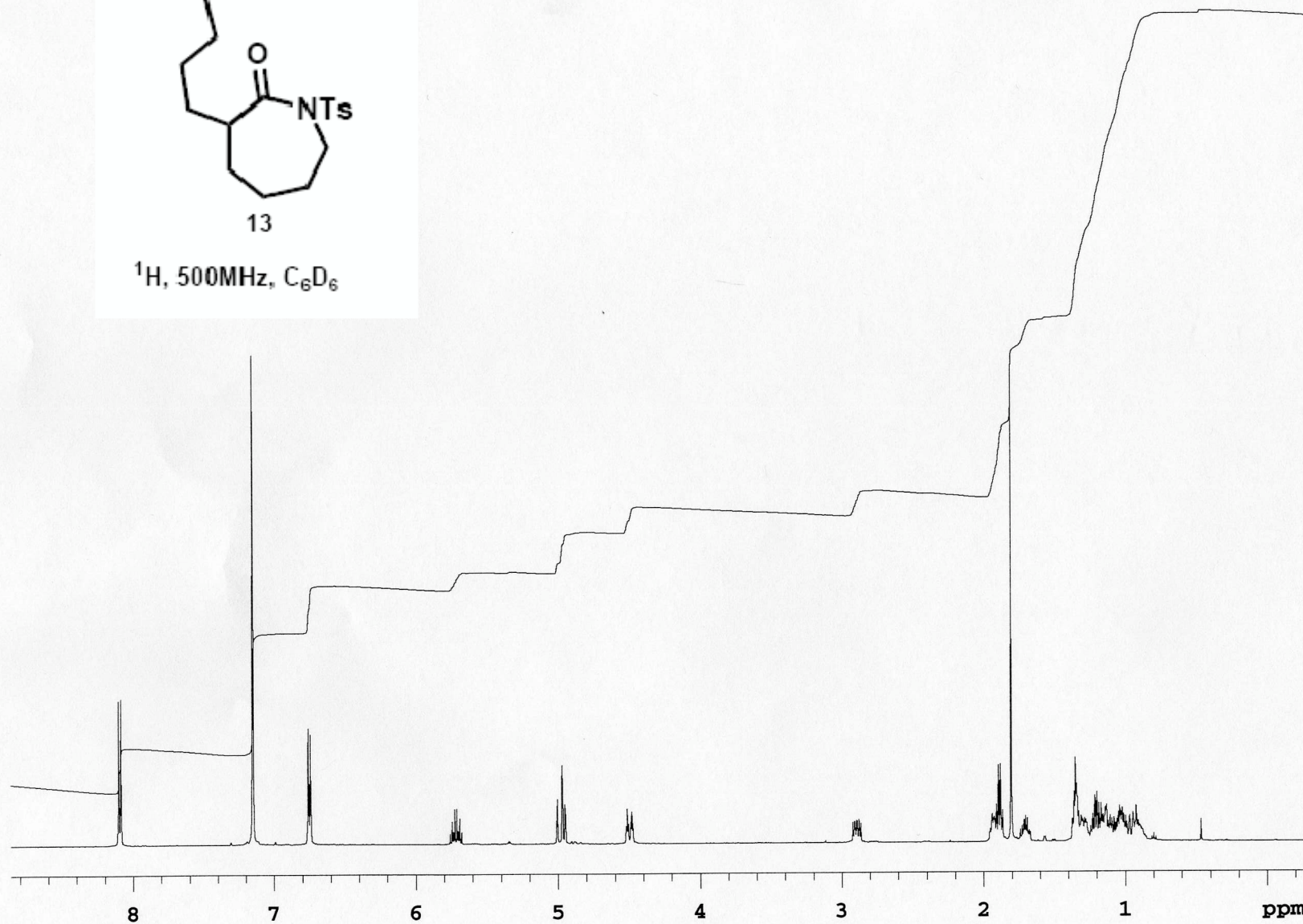
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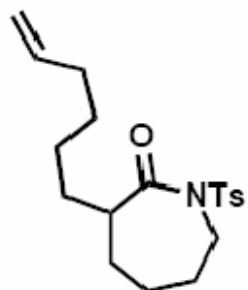




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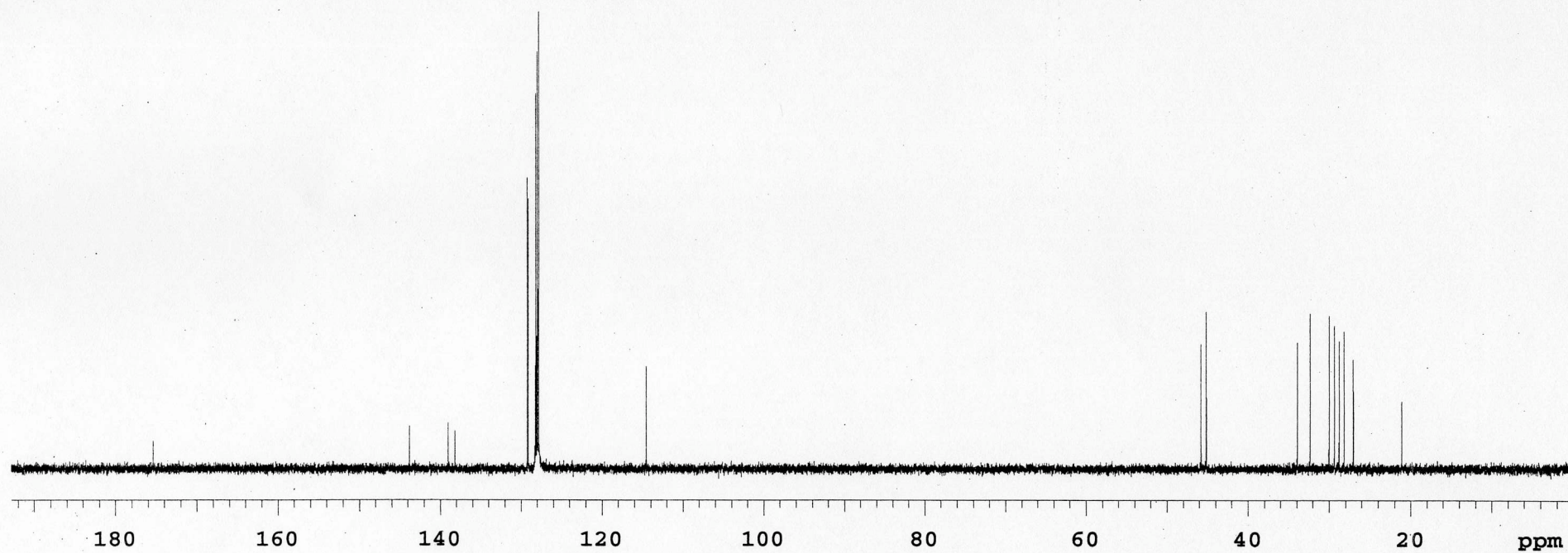
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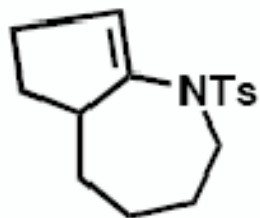




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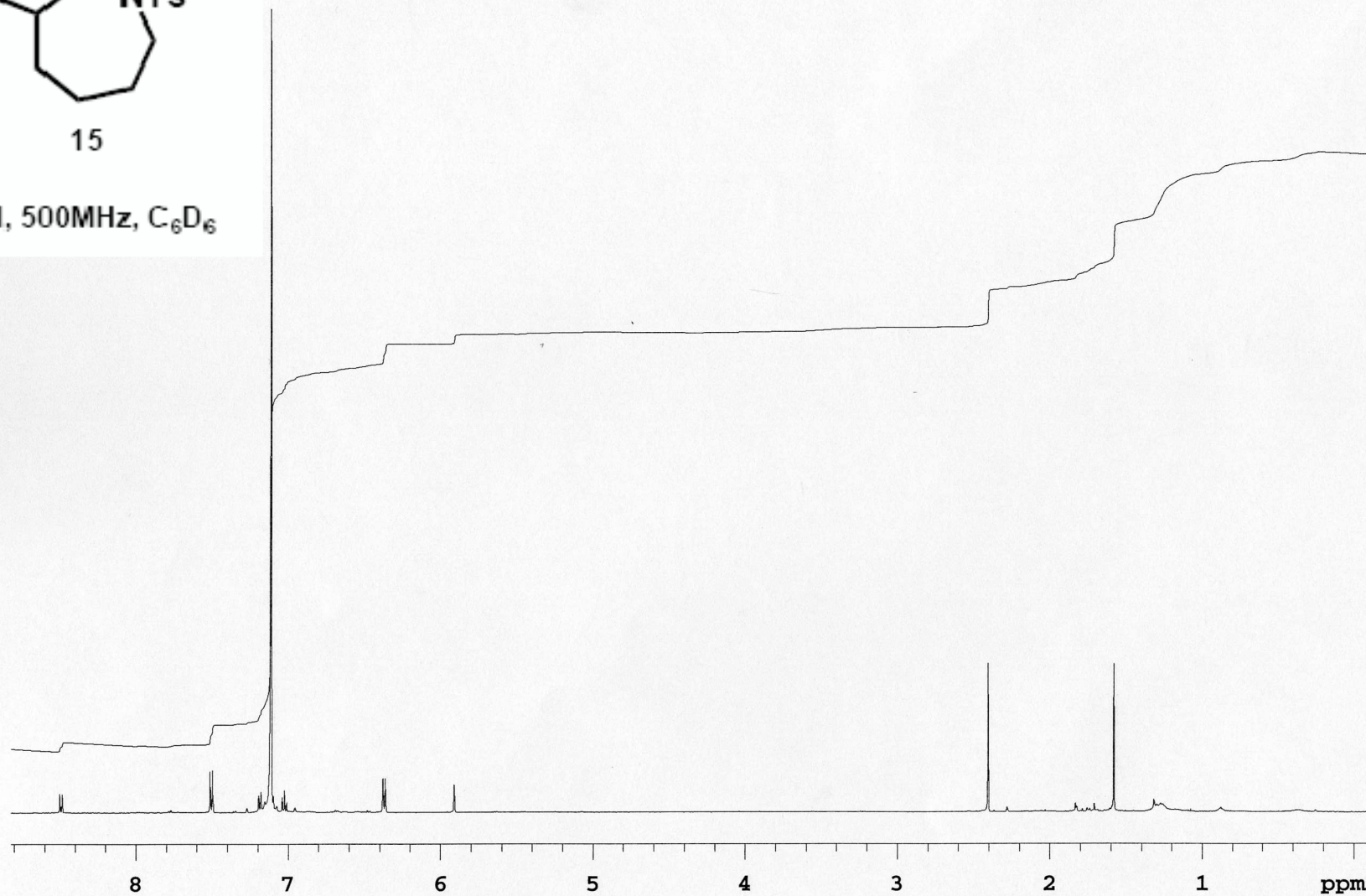
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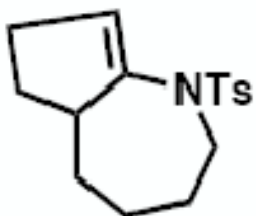




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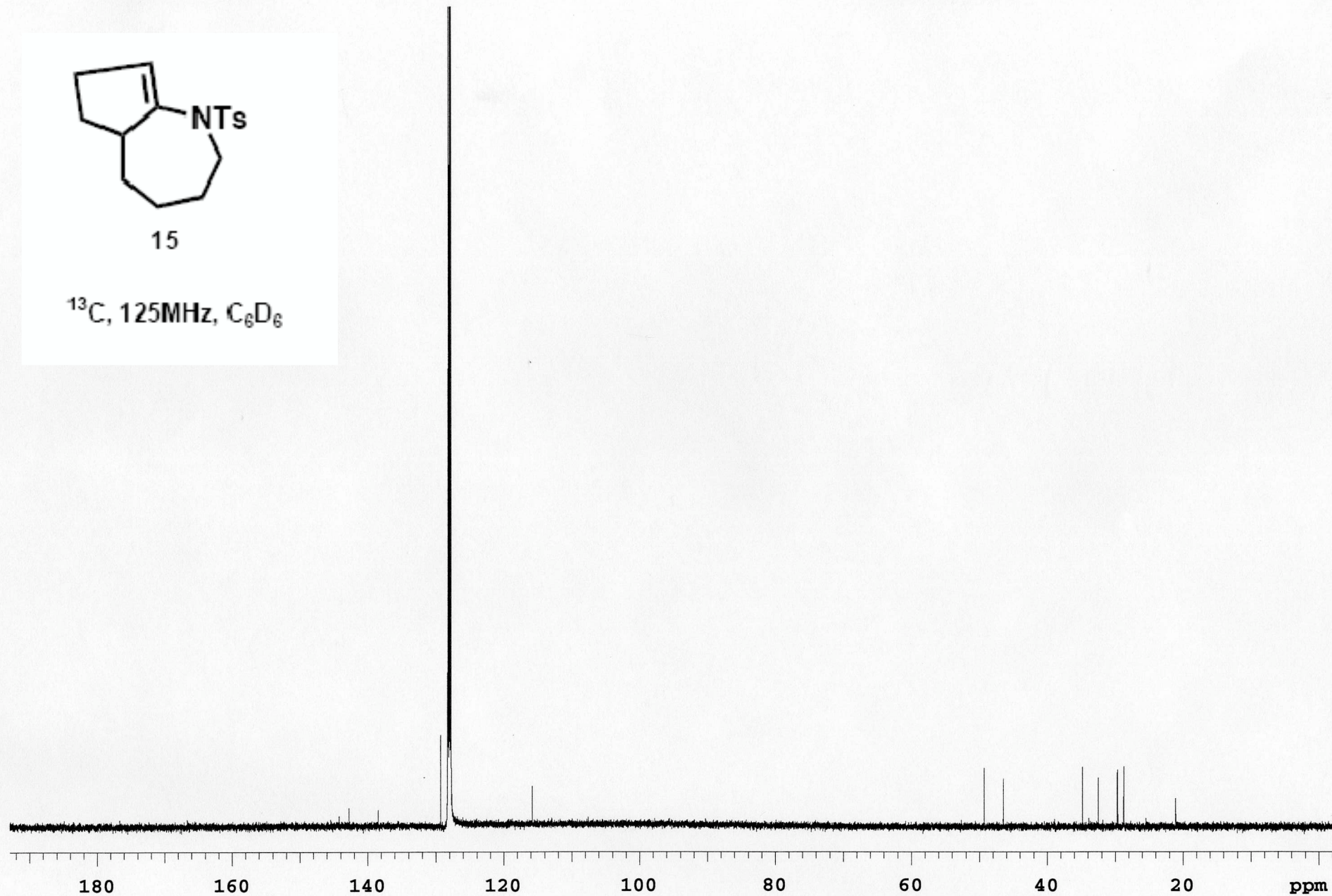
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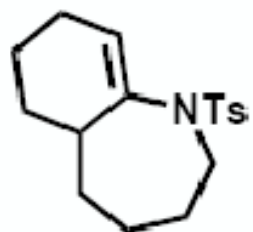




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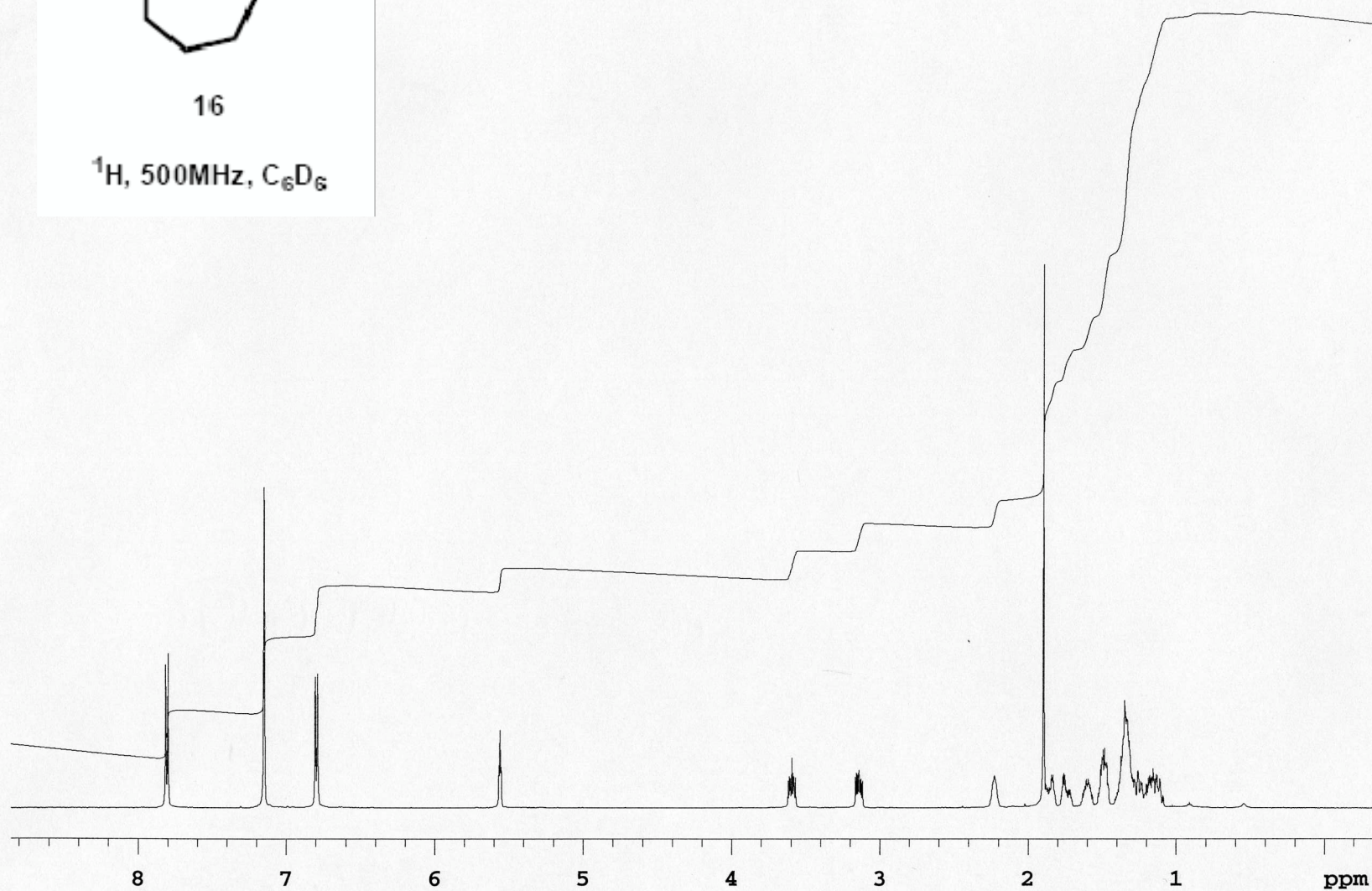
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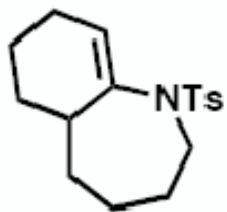




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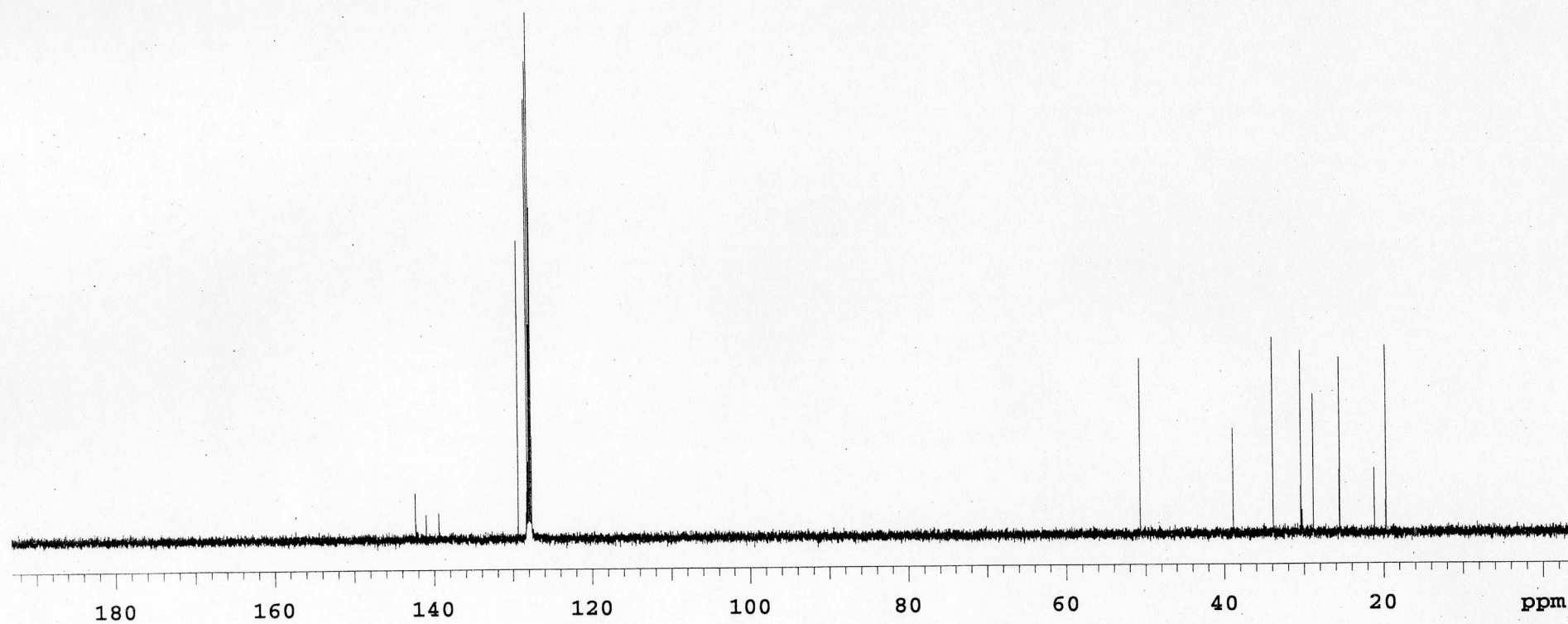
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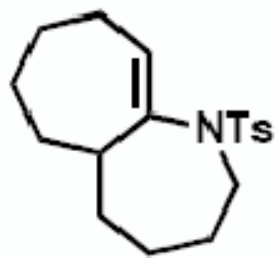




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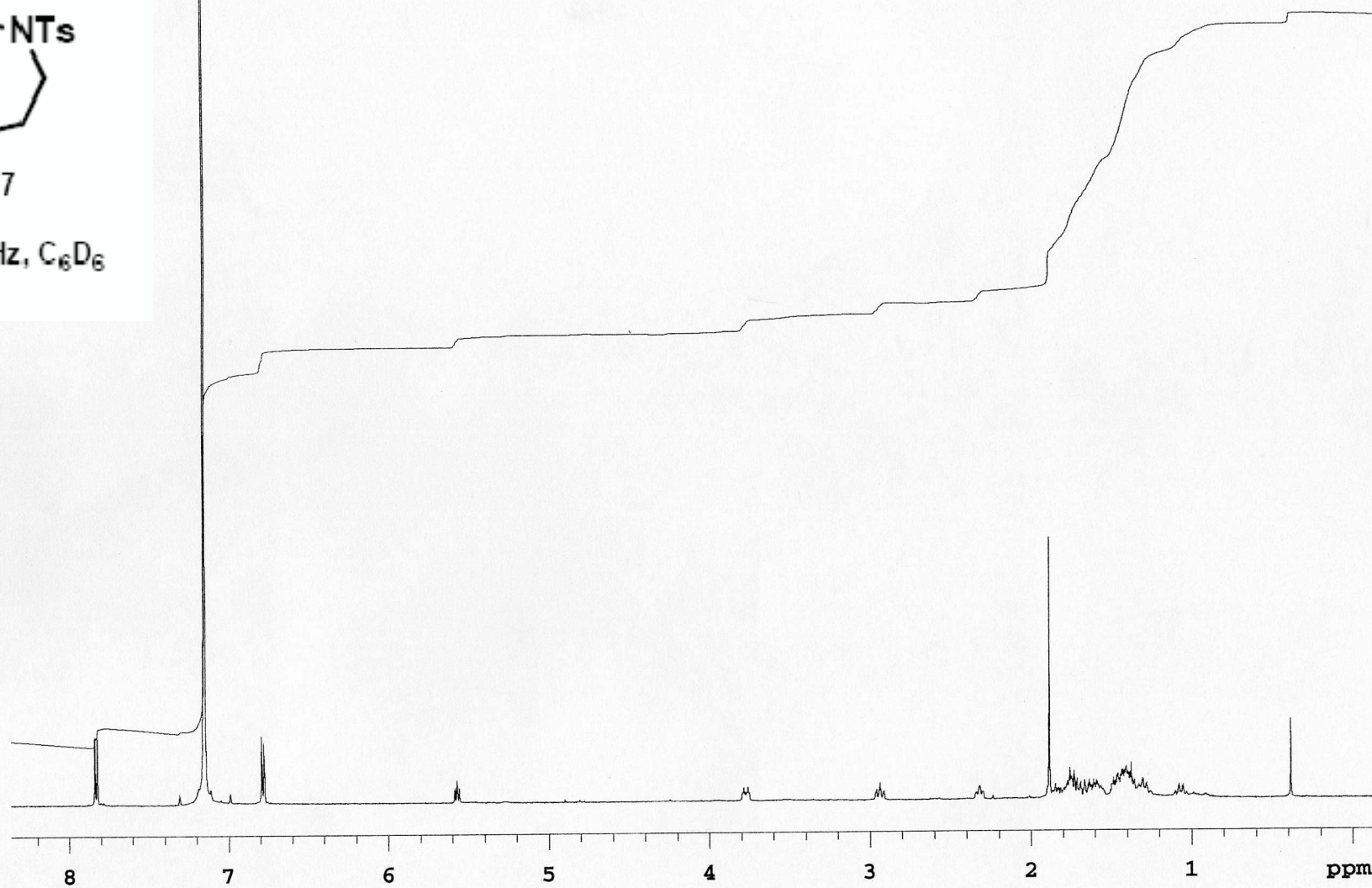
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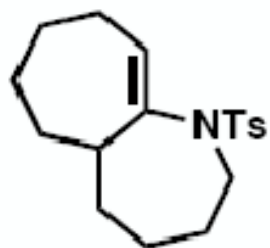




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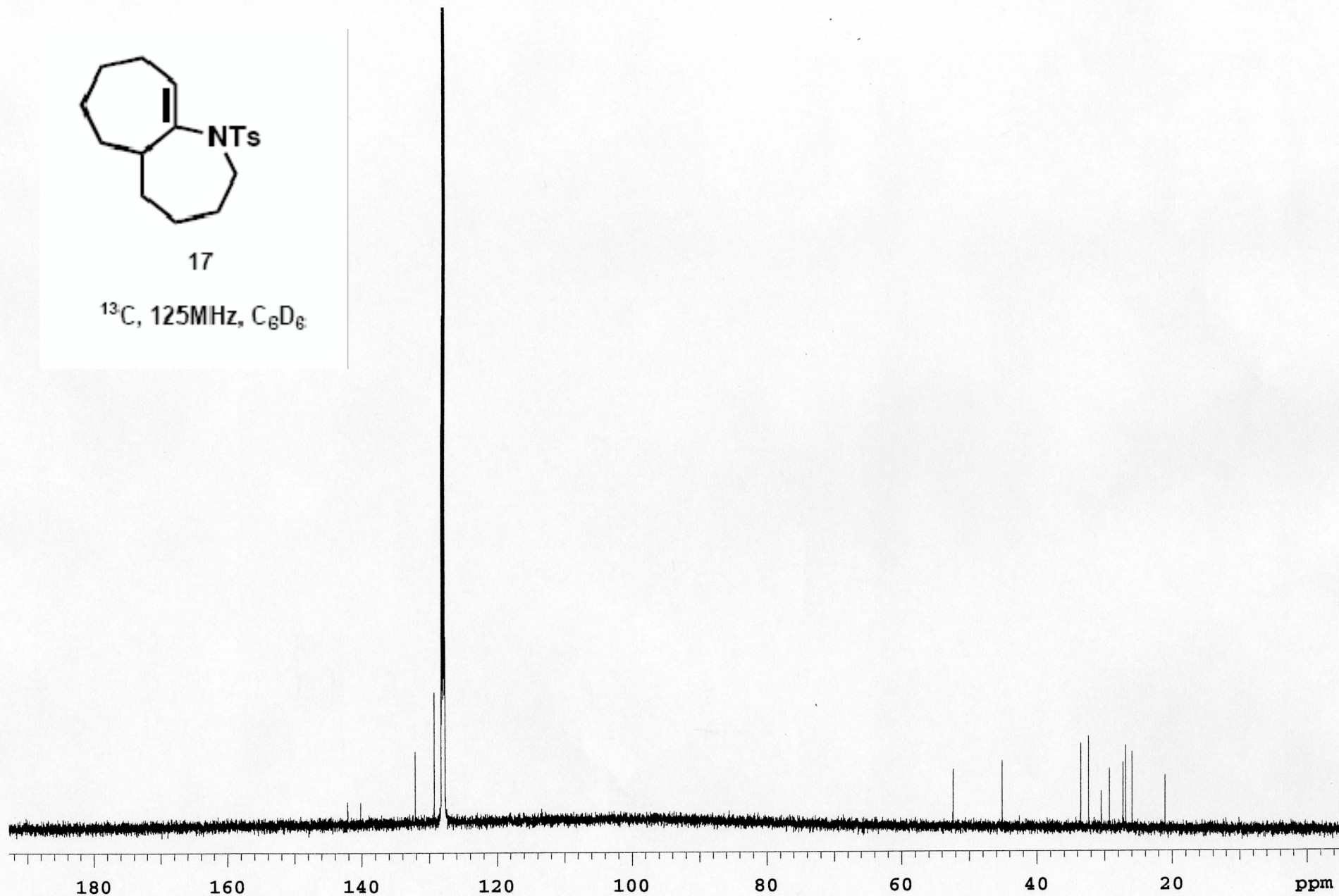
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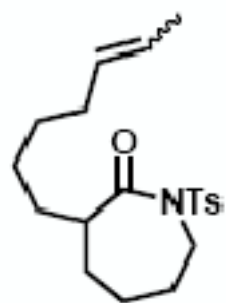




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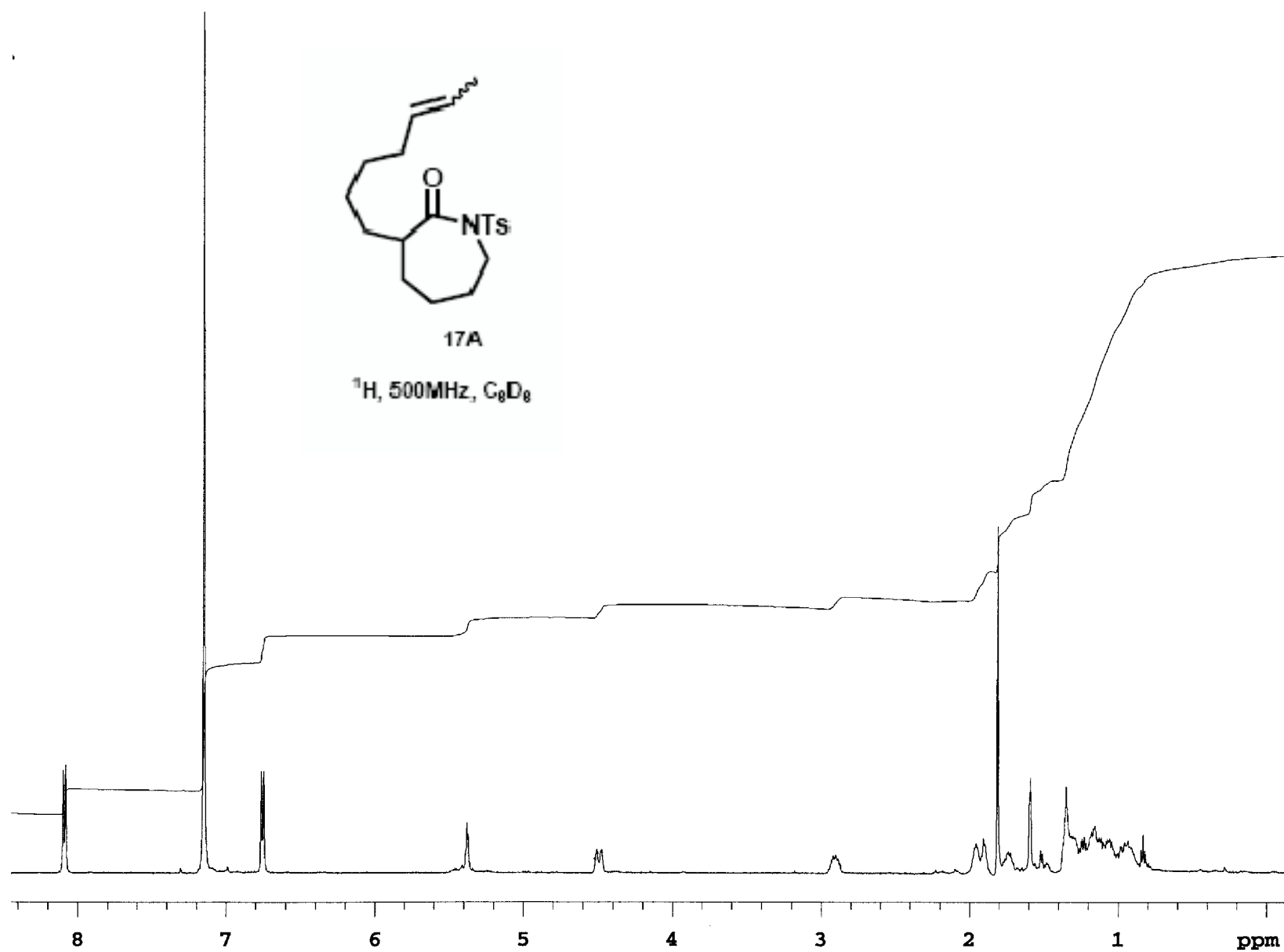
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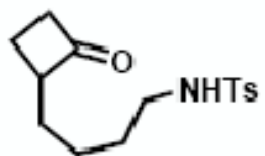




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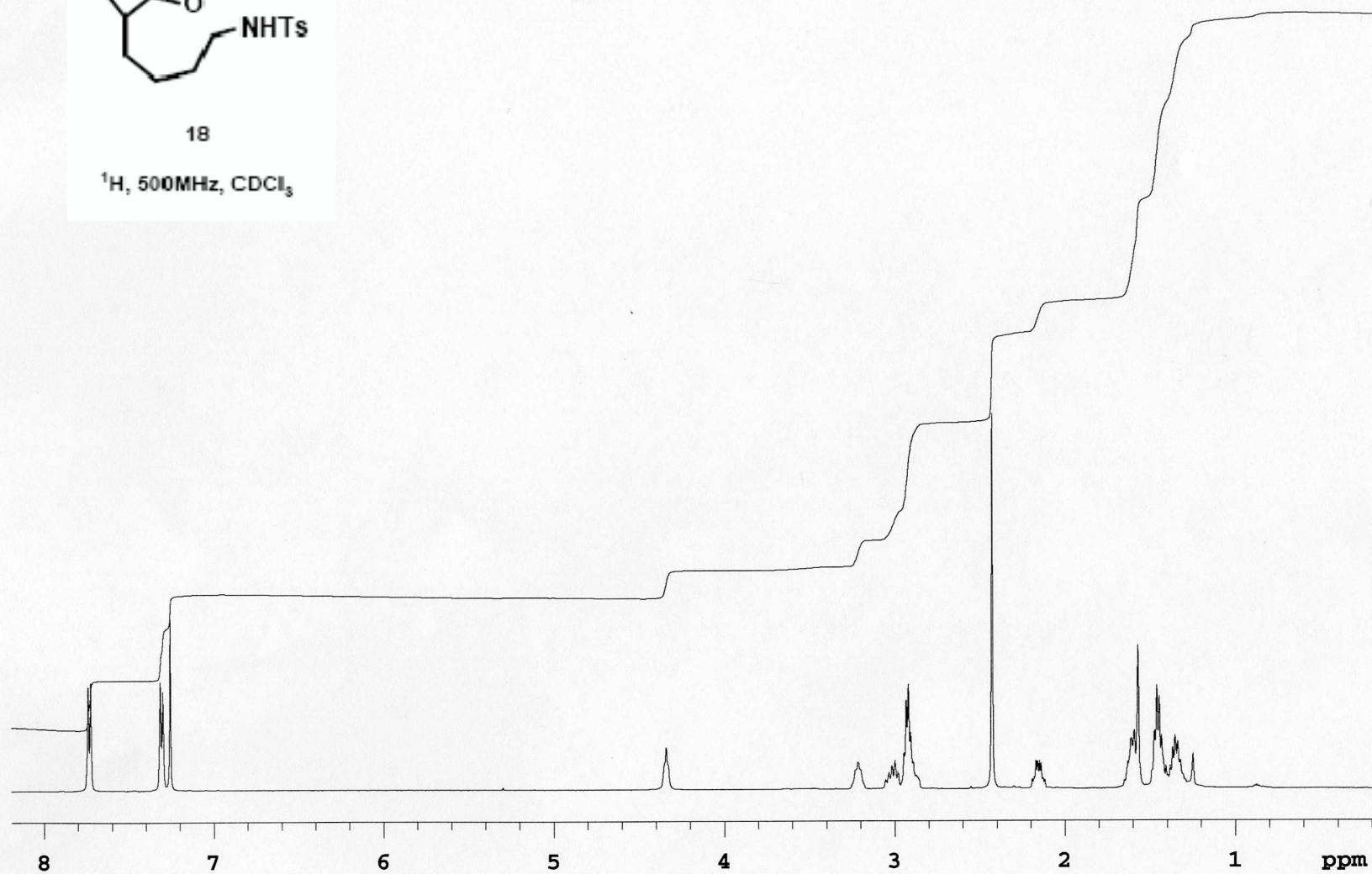
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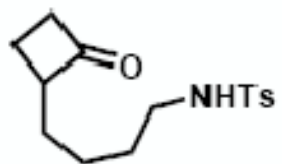




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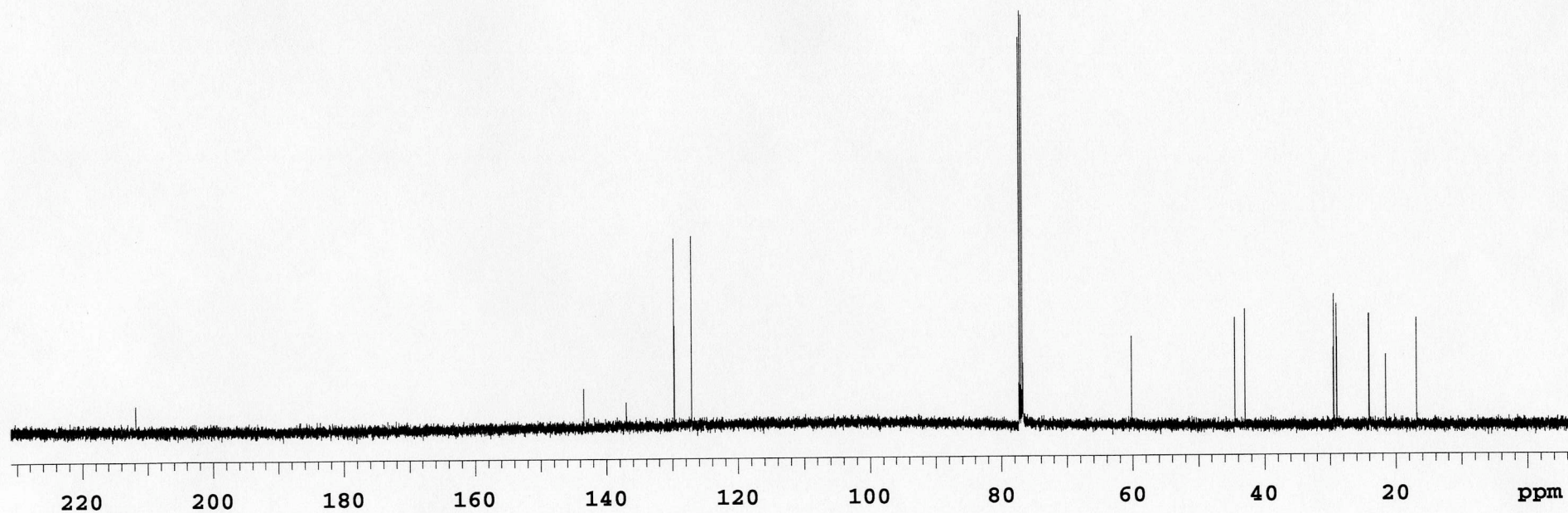
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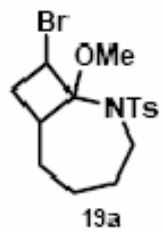




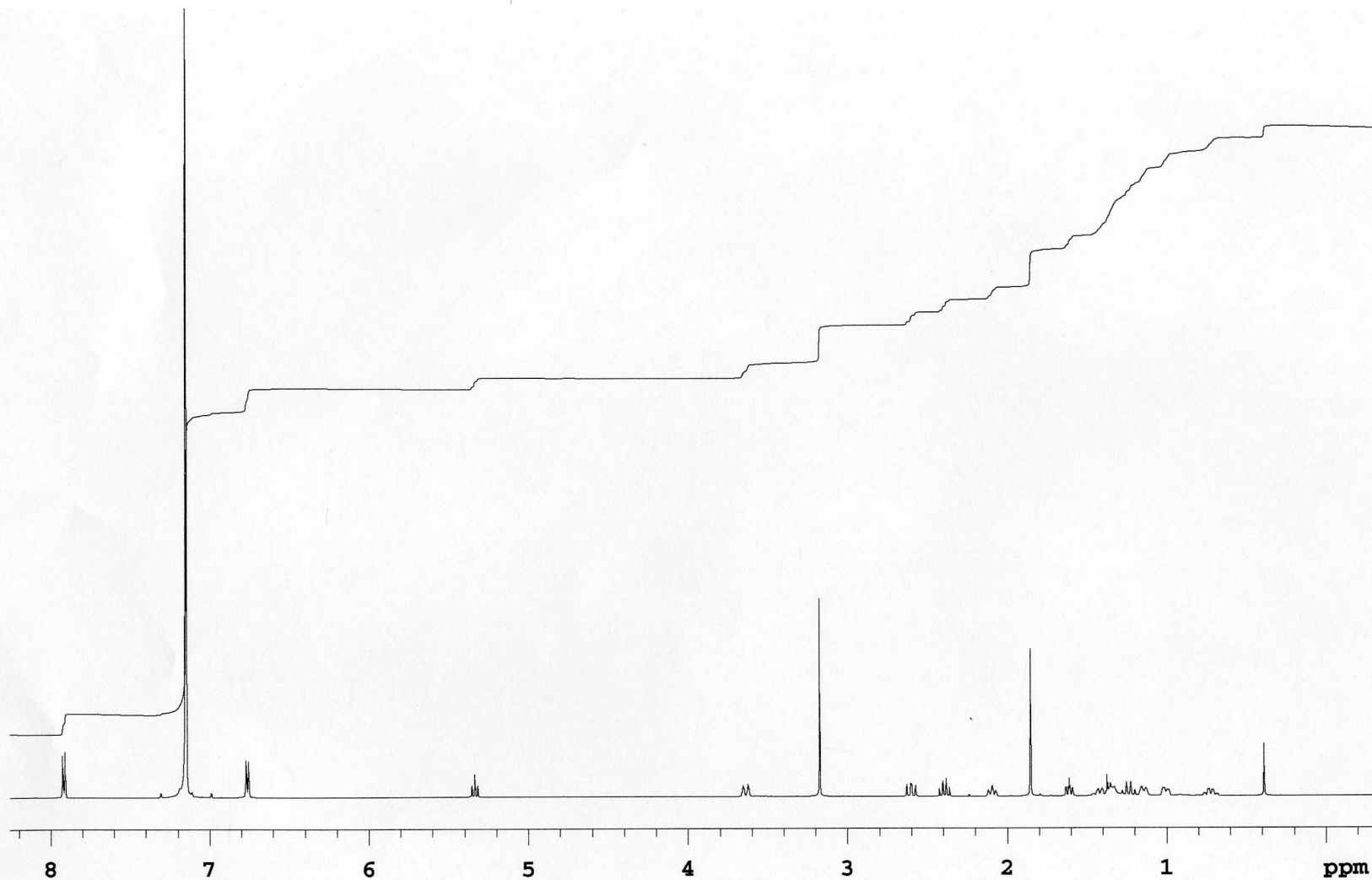
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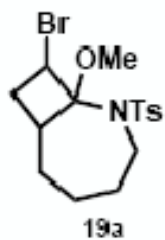
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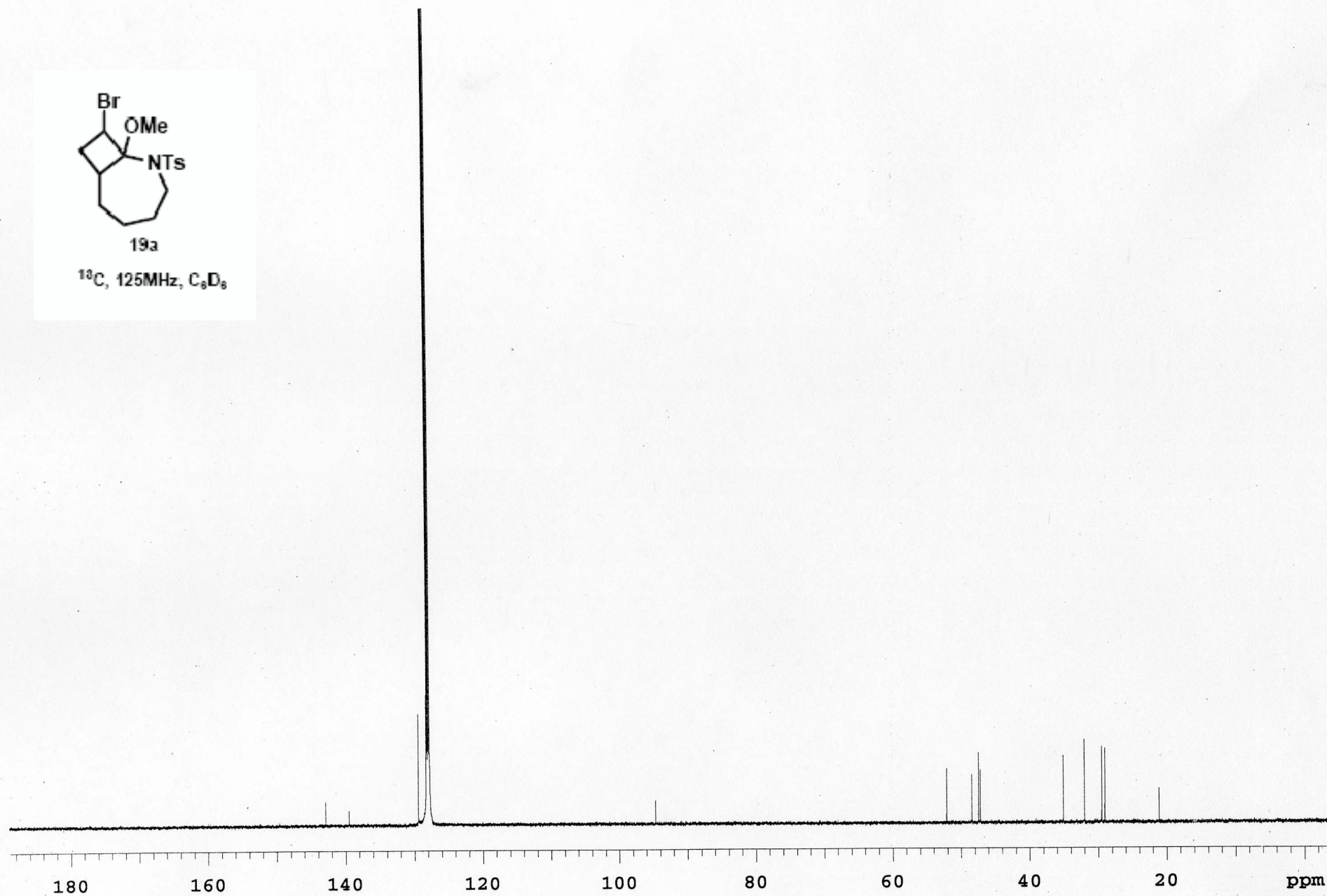


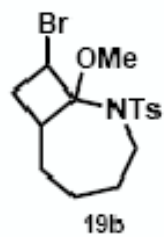
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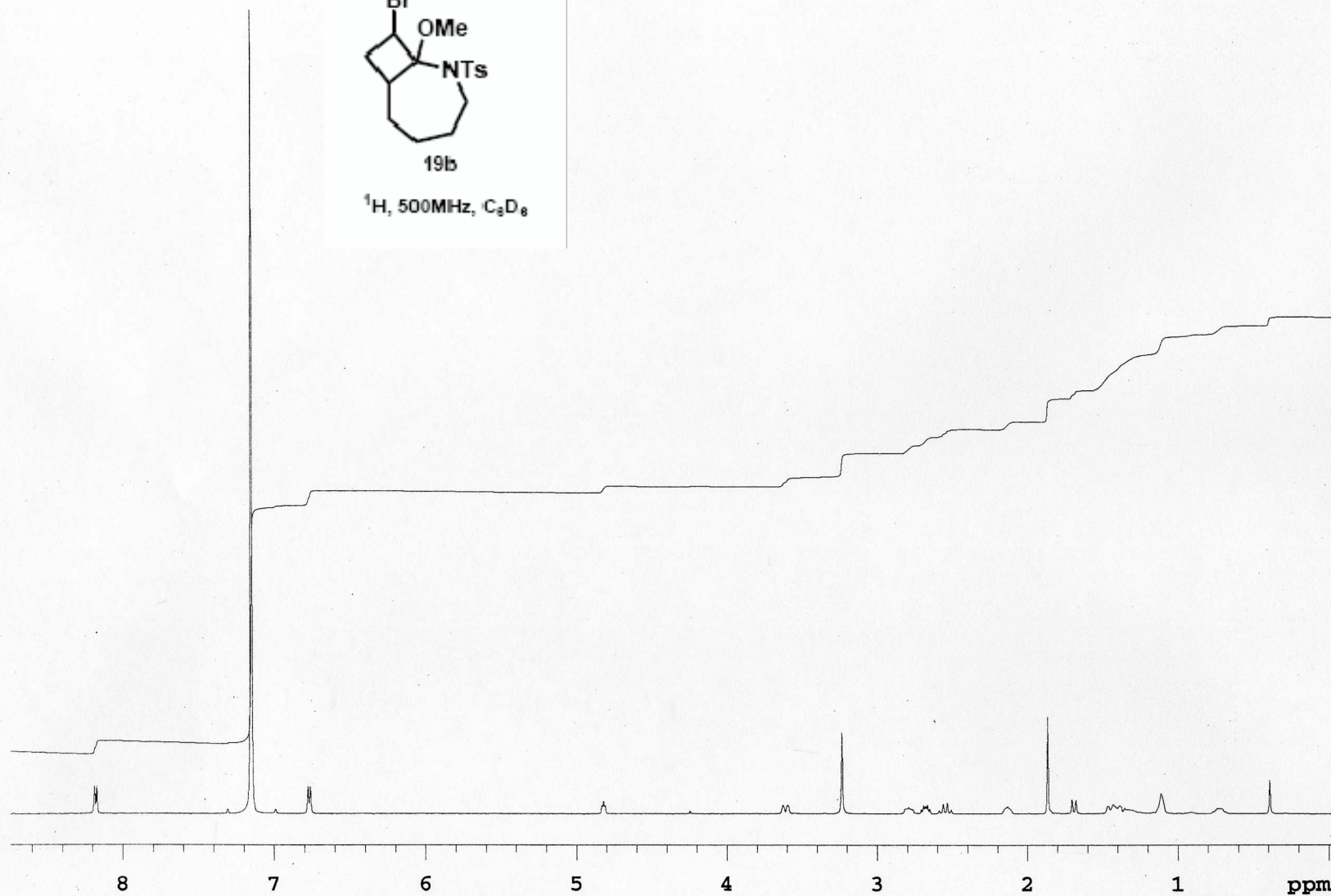


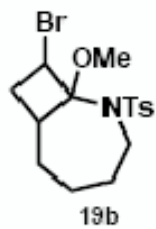
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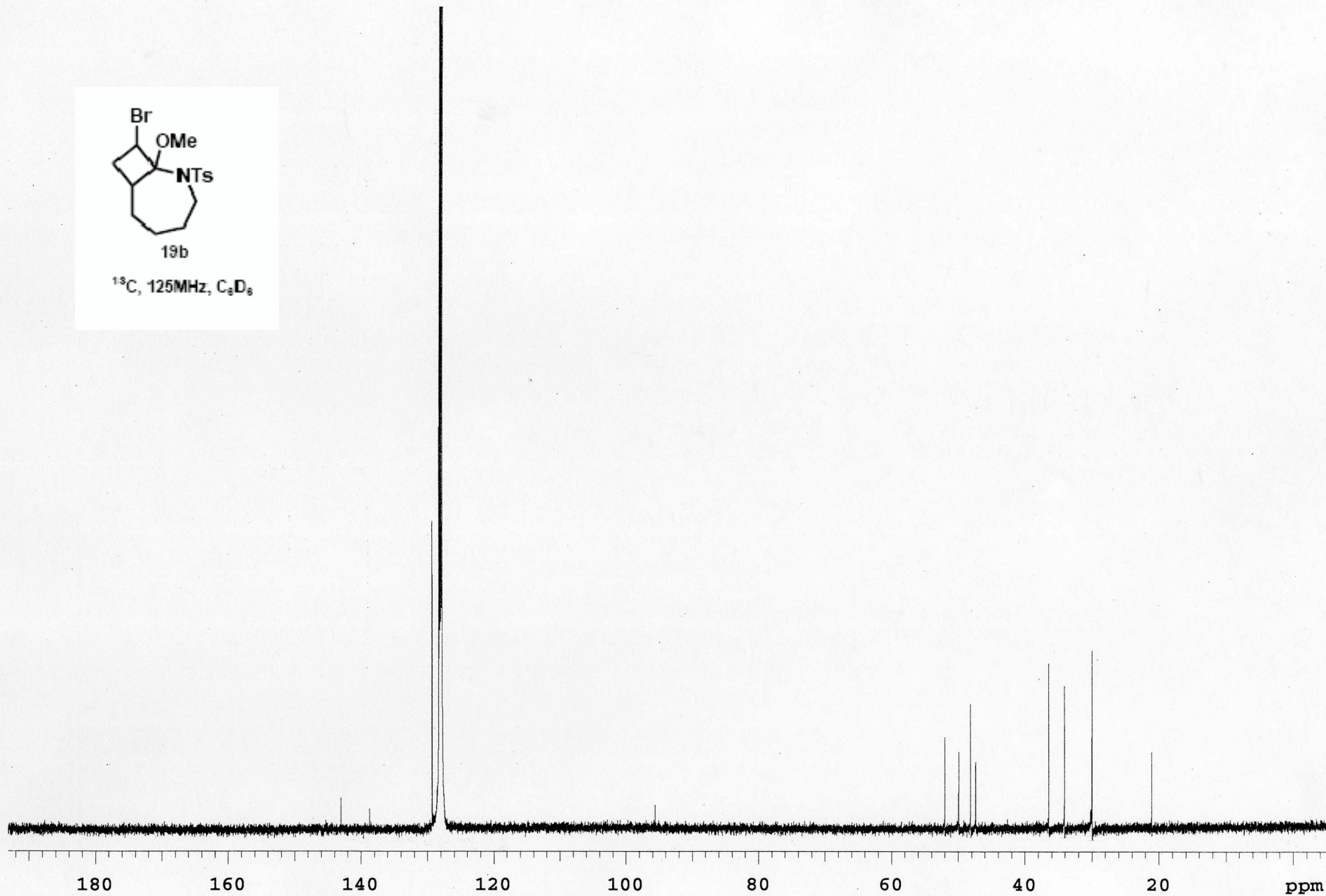


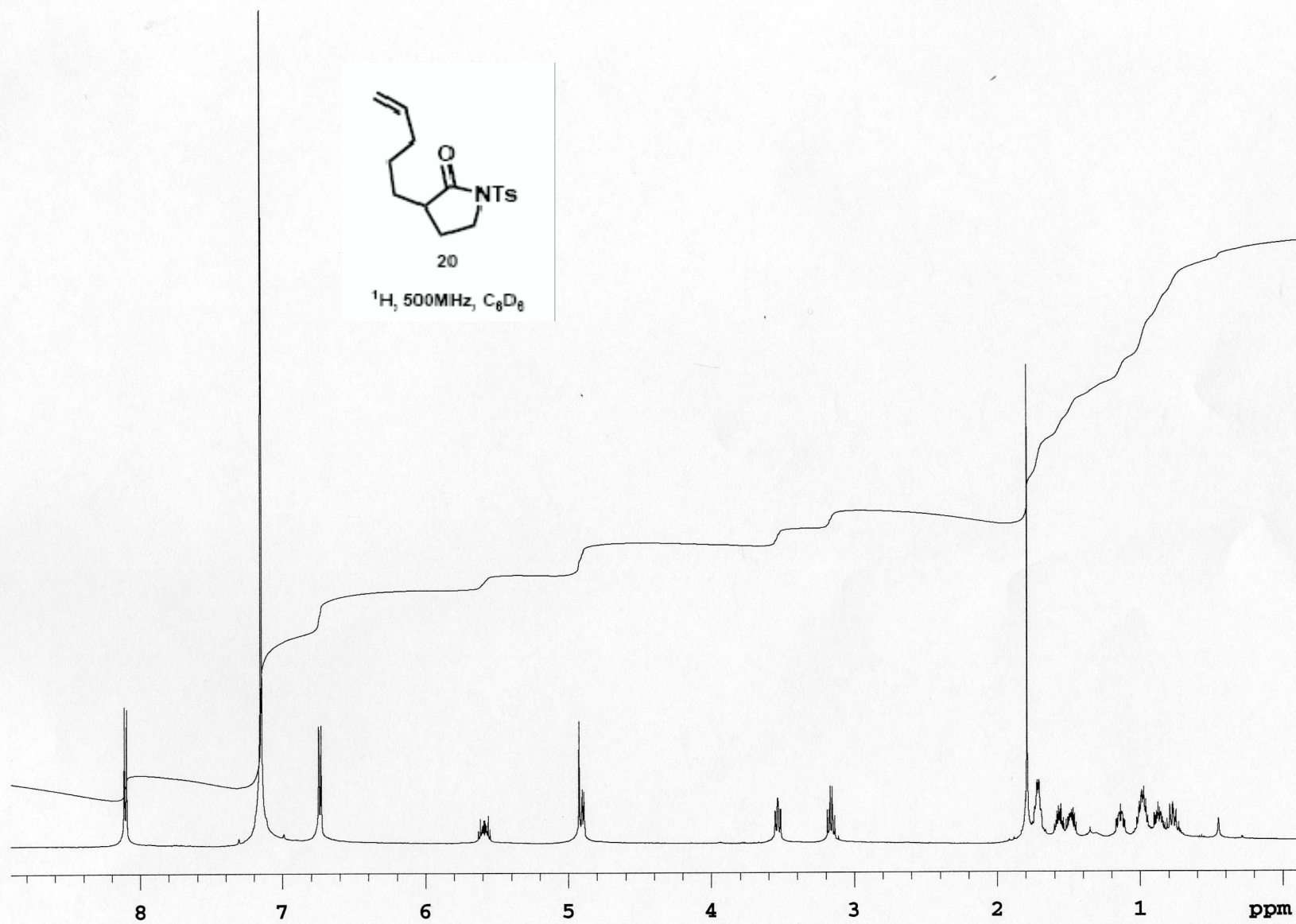
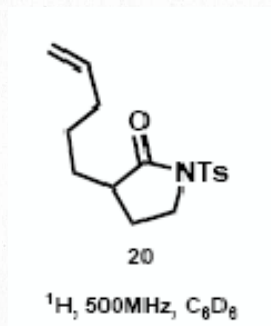
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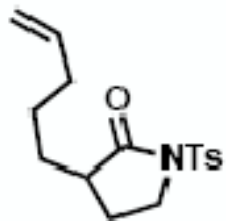




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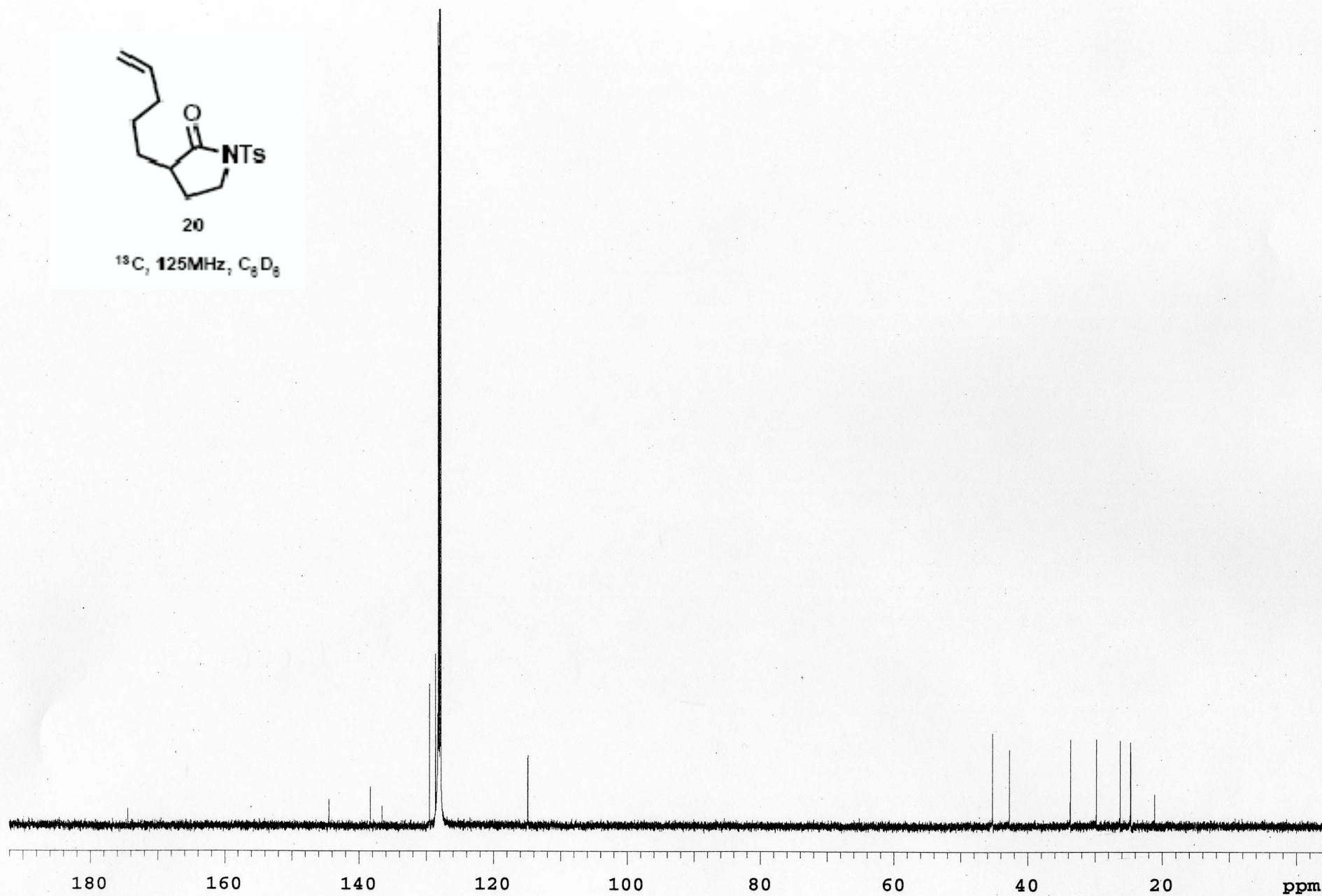


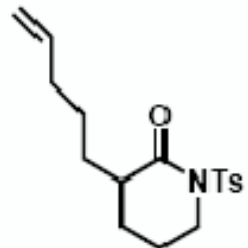




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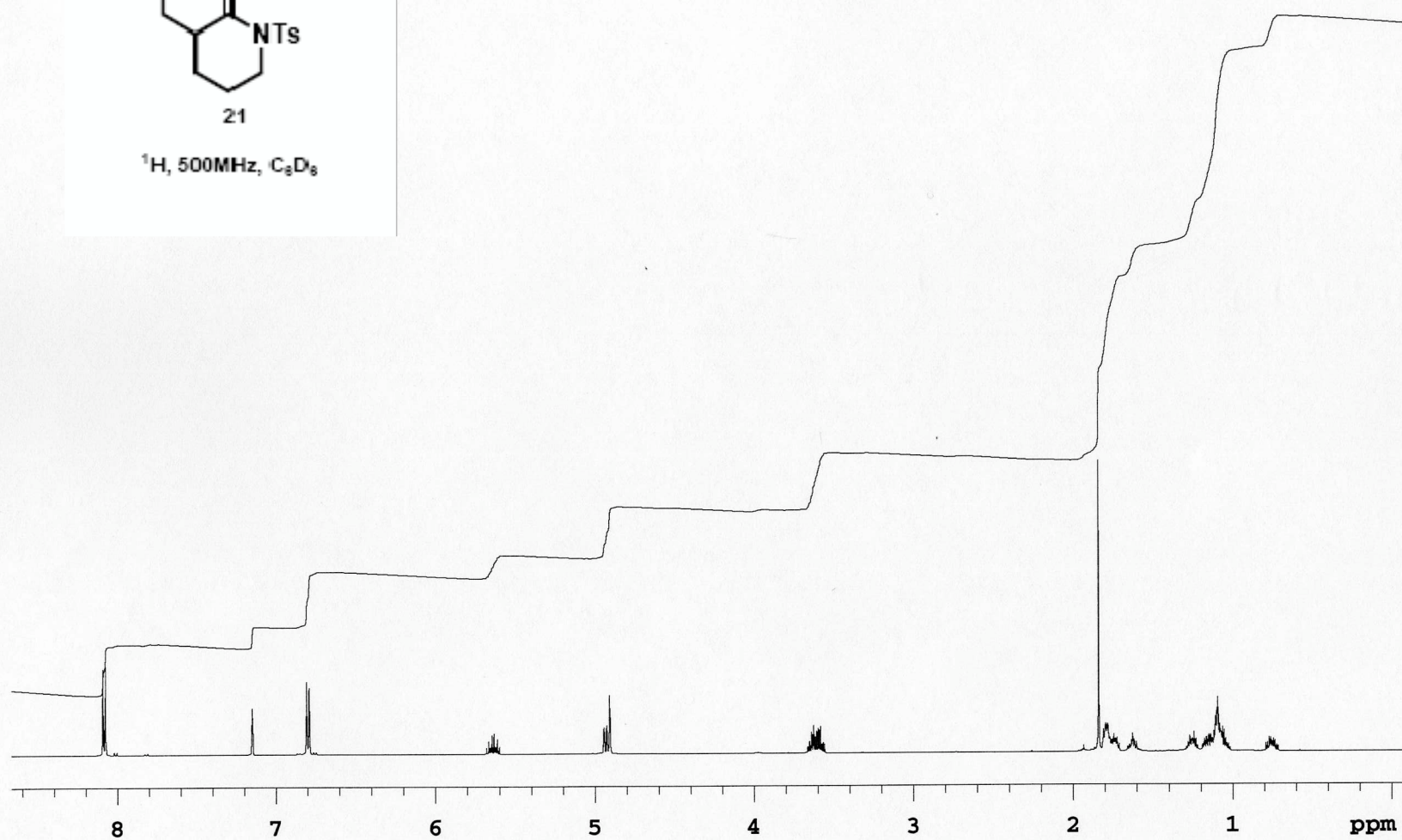
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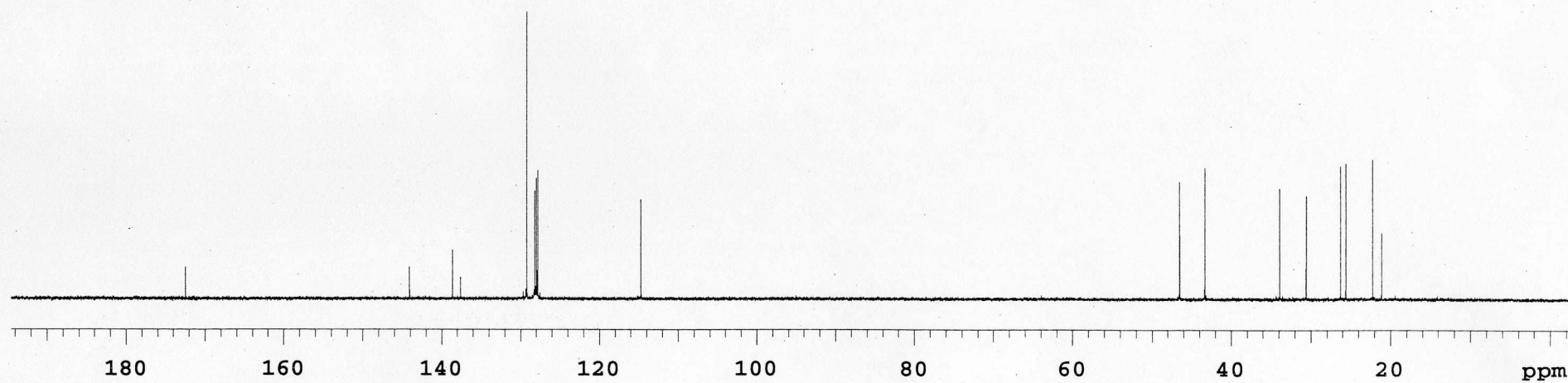
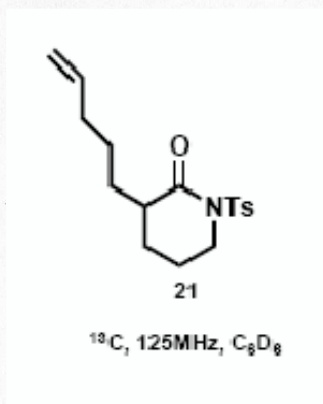


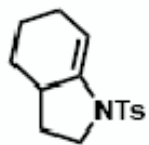


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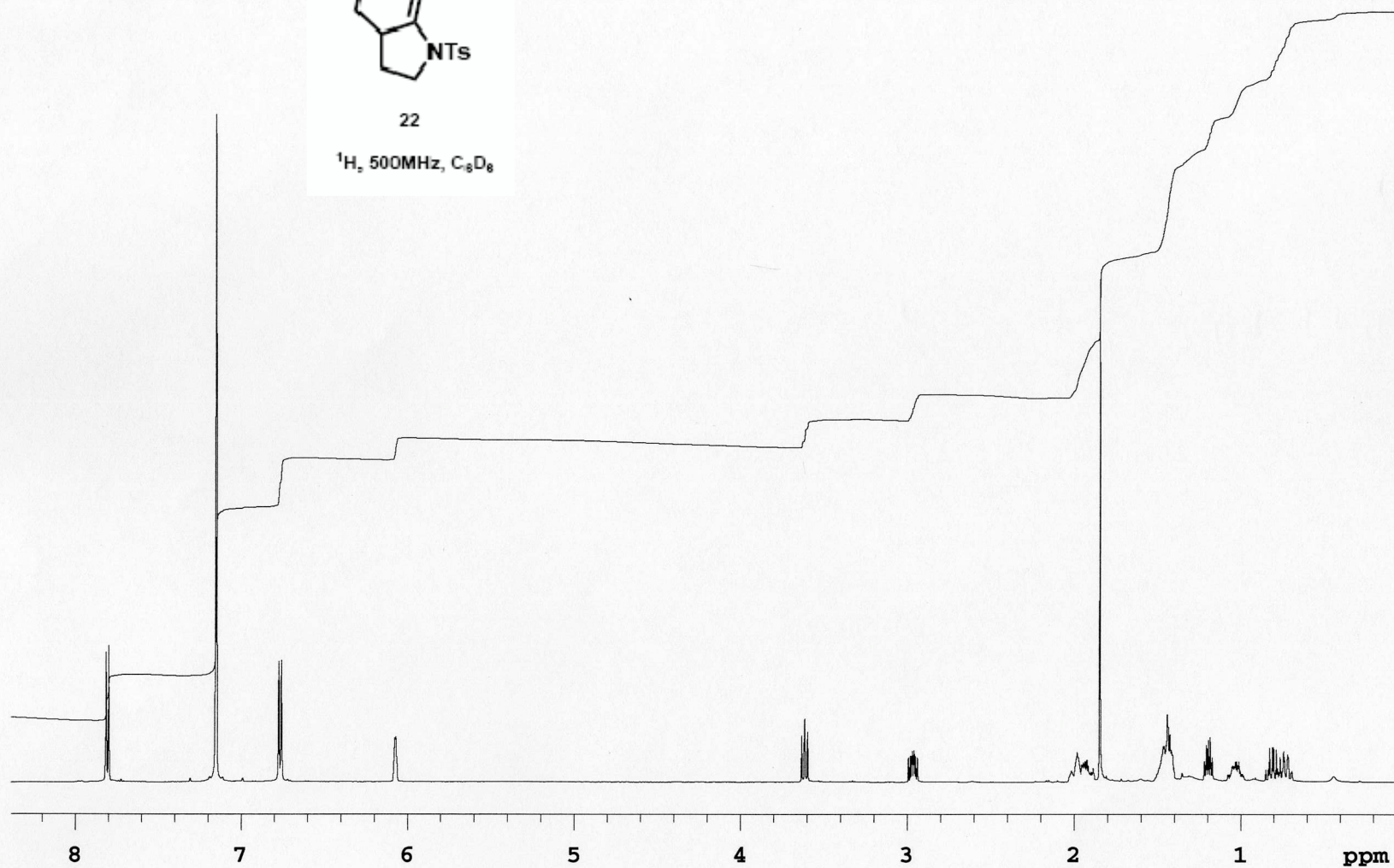


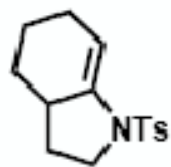




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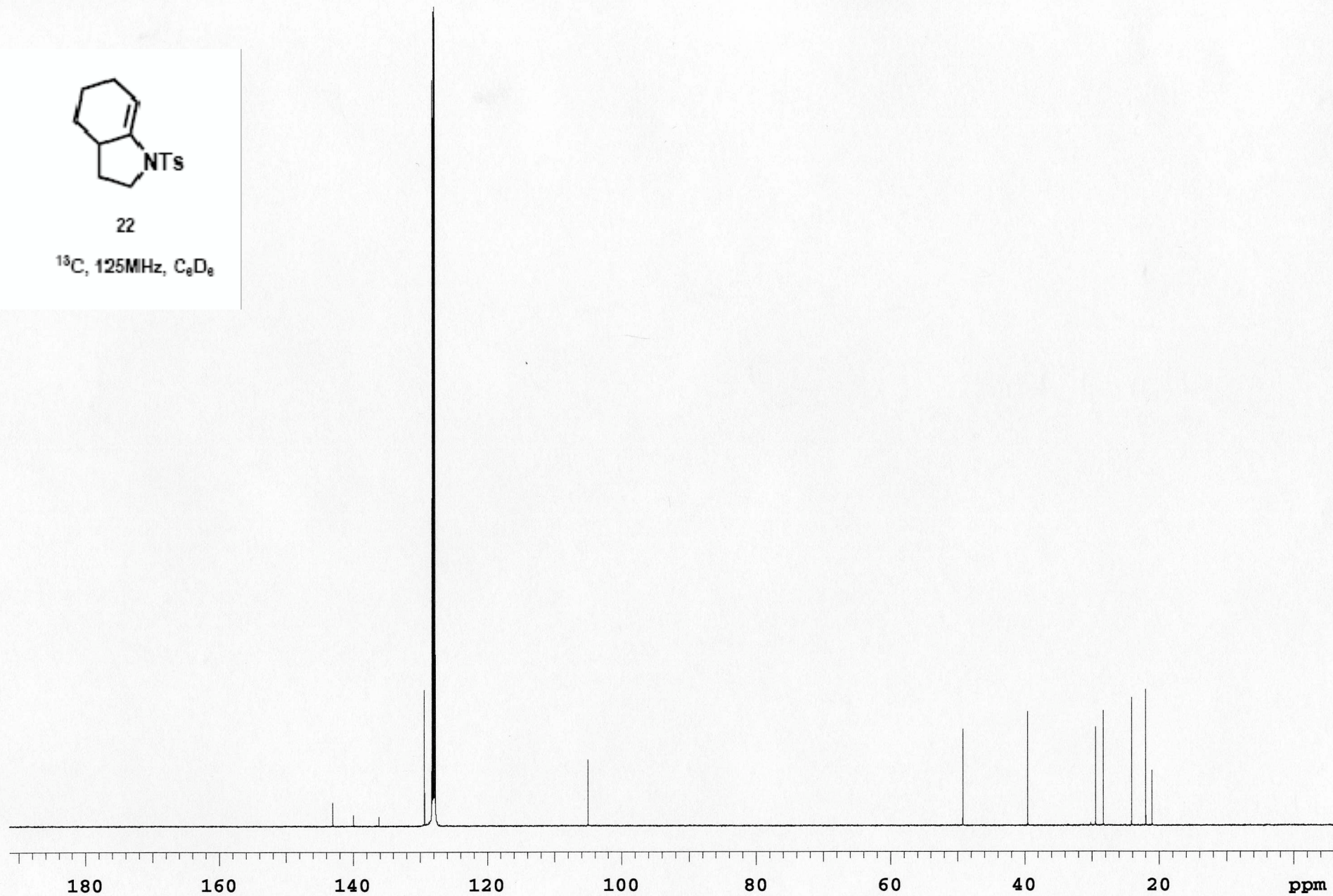
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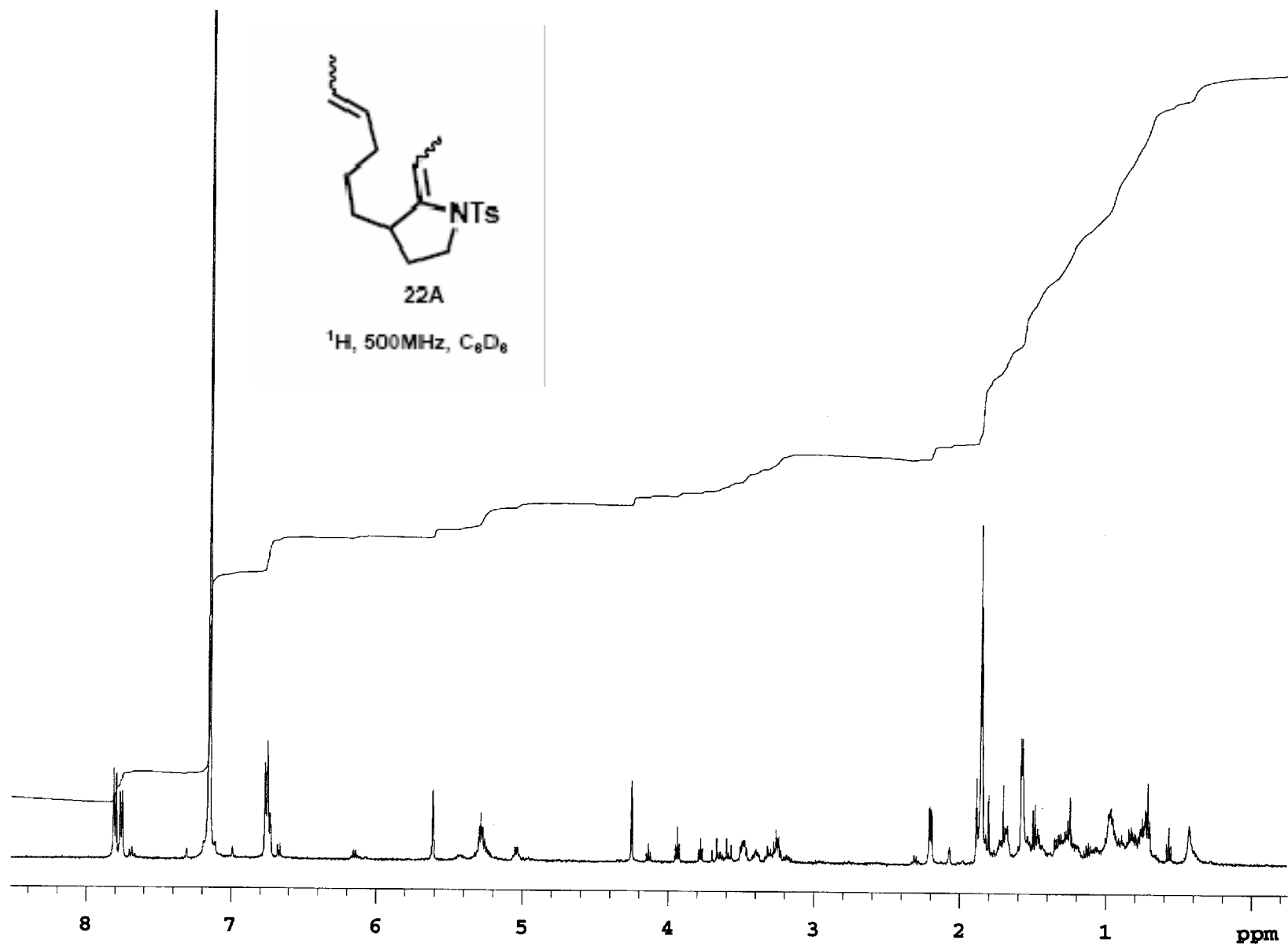


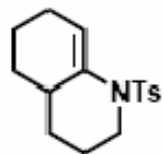


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^{13}C , 125MHz, C_6D_6

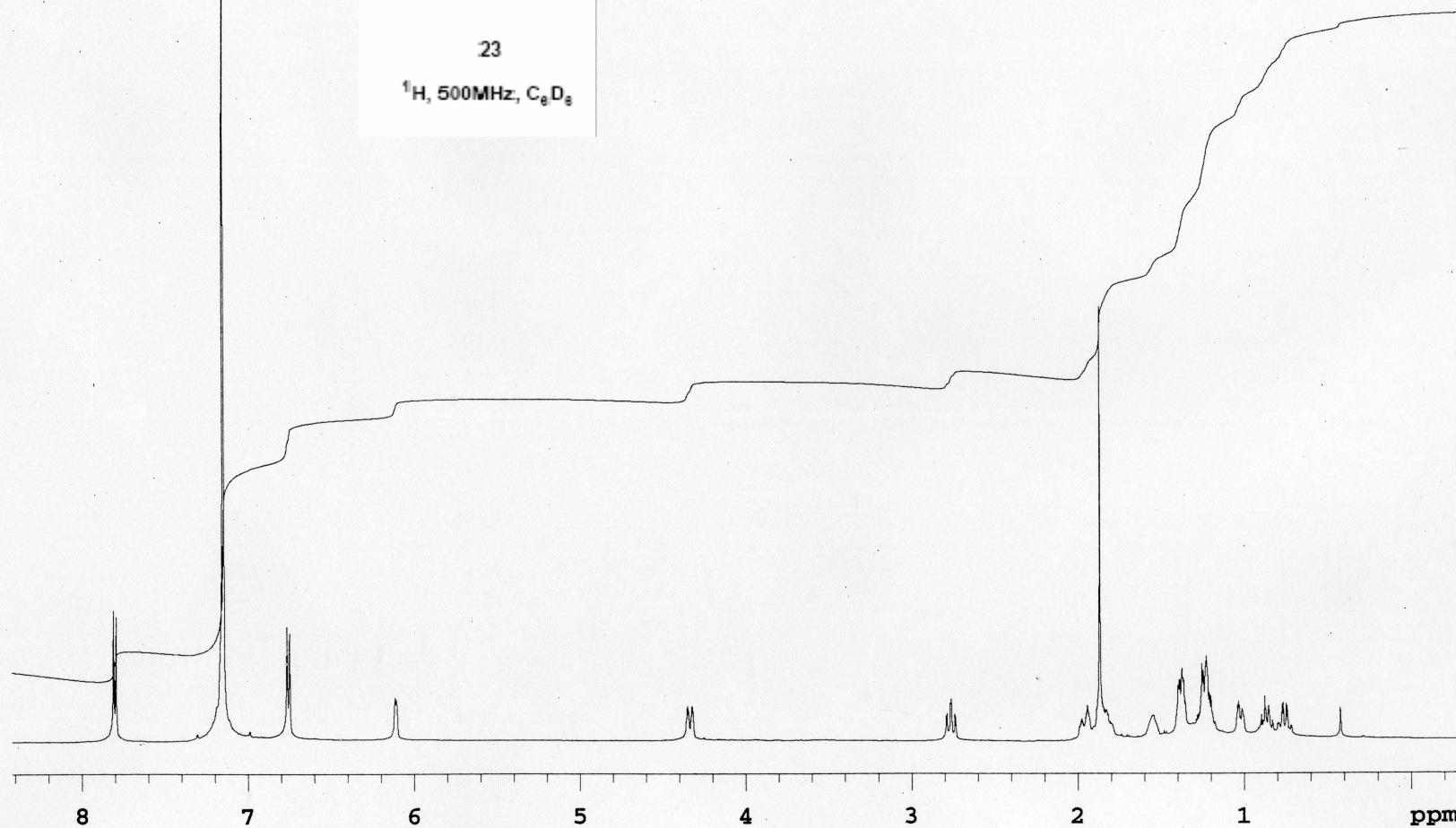


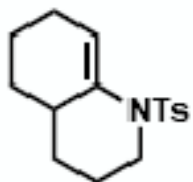




23

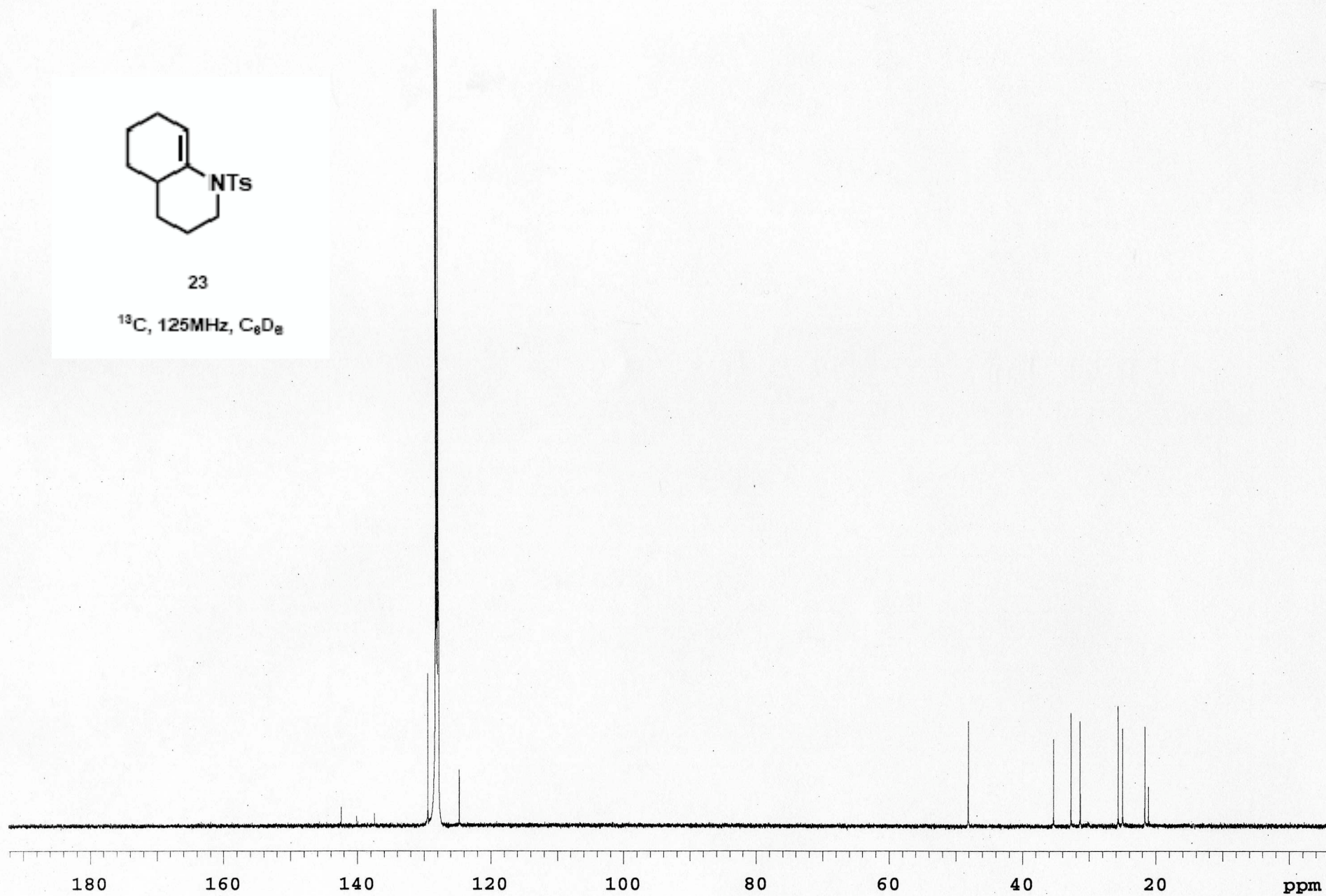
^1H , 500MHz, C_6D_6

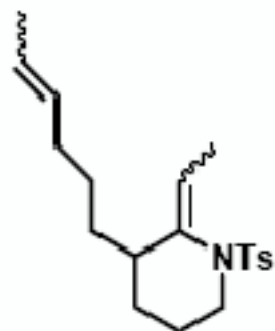




23

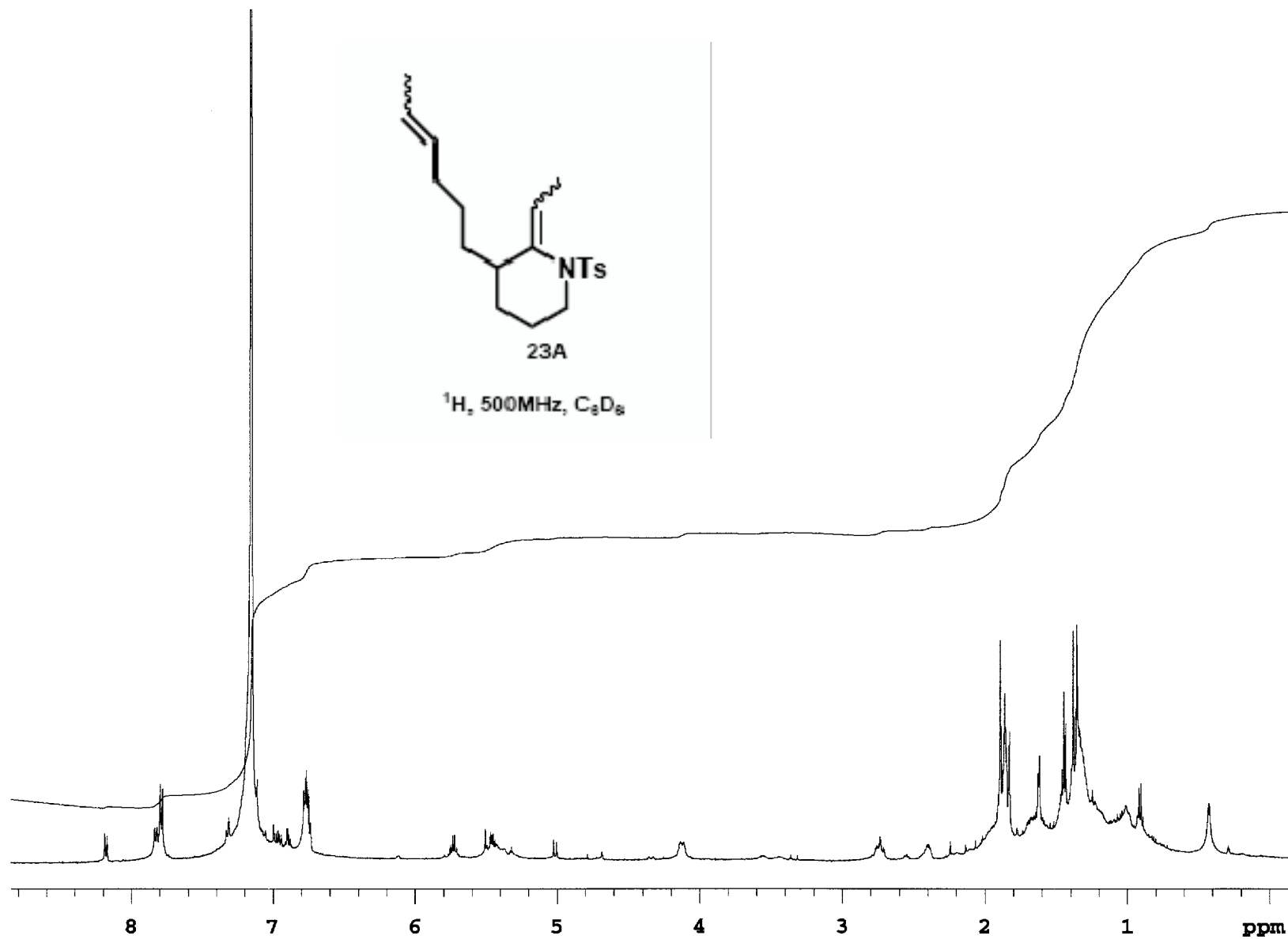
^{13}C , 125MHz, C_6D_6

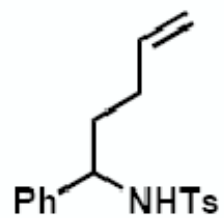




23A

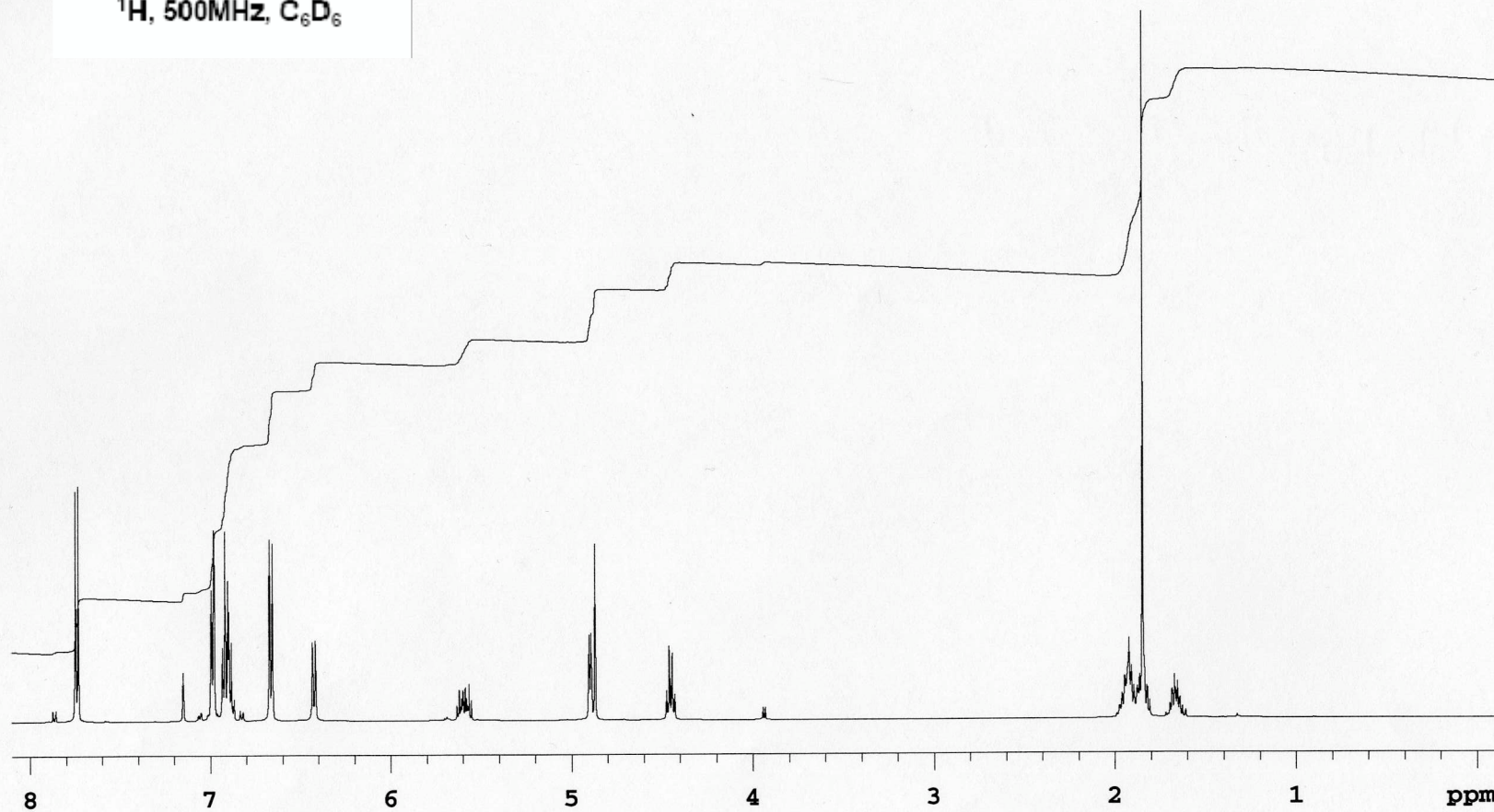
^1H , 500MHz, C_6D_6

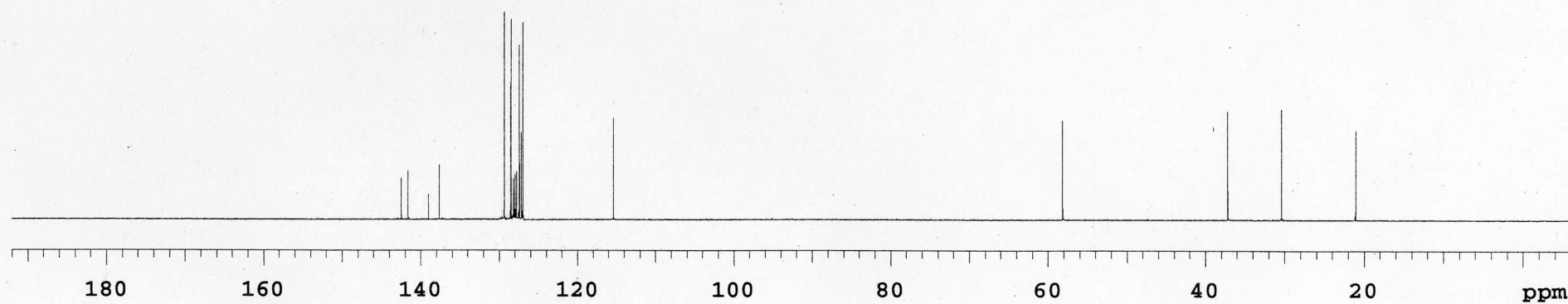
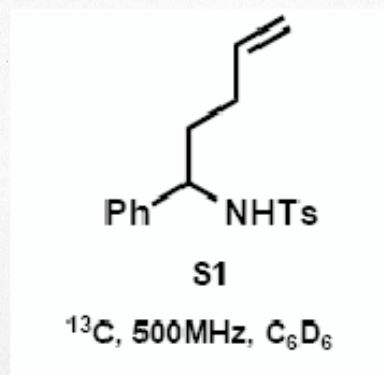


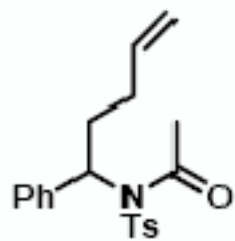


S1

^1H , 500MHz, C_6D_6

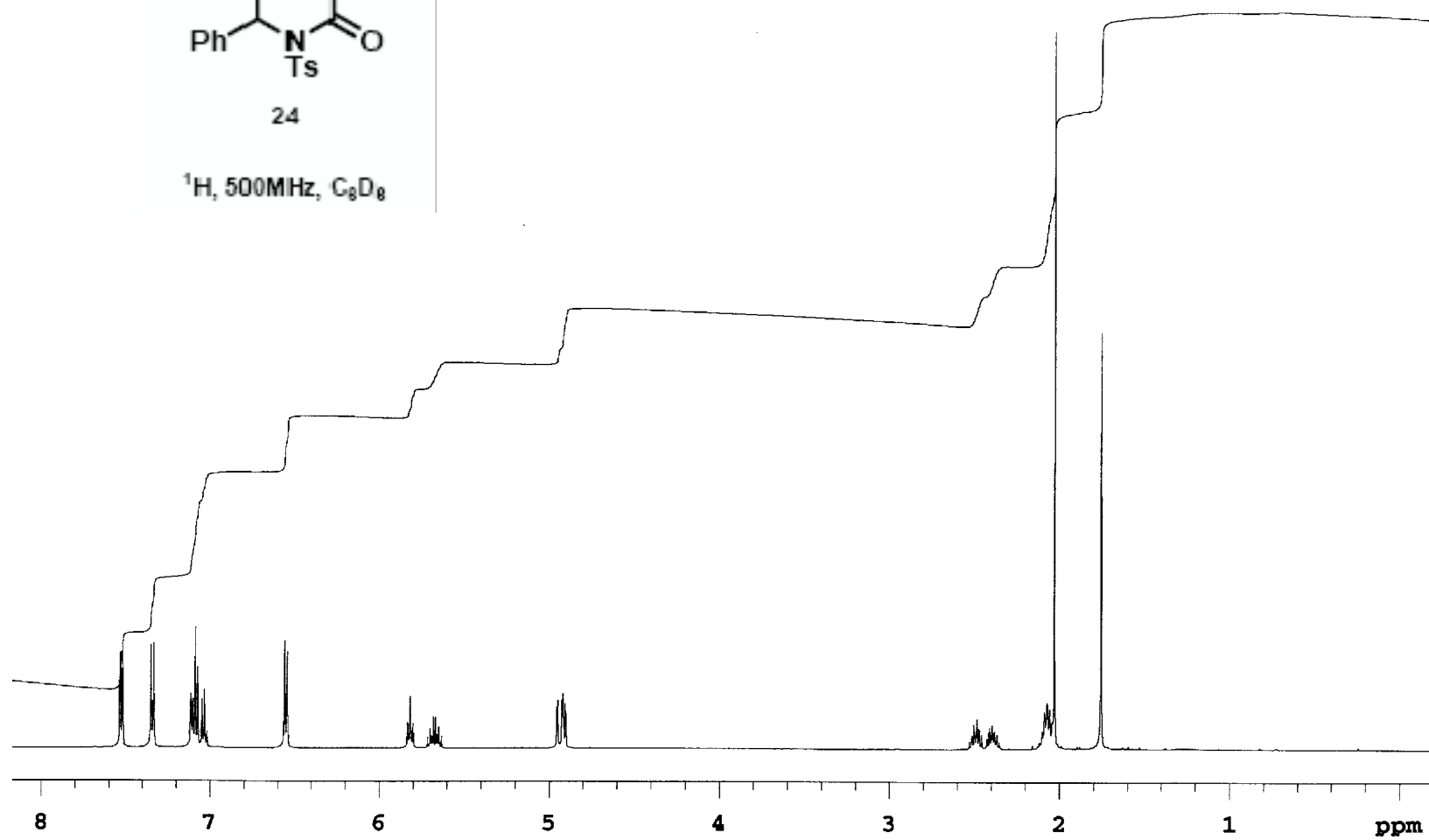


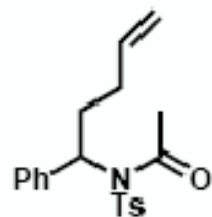




24

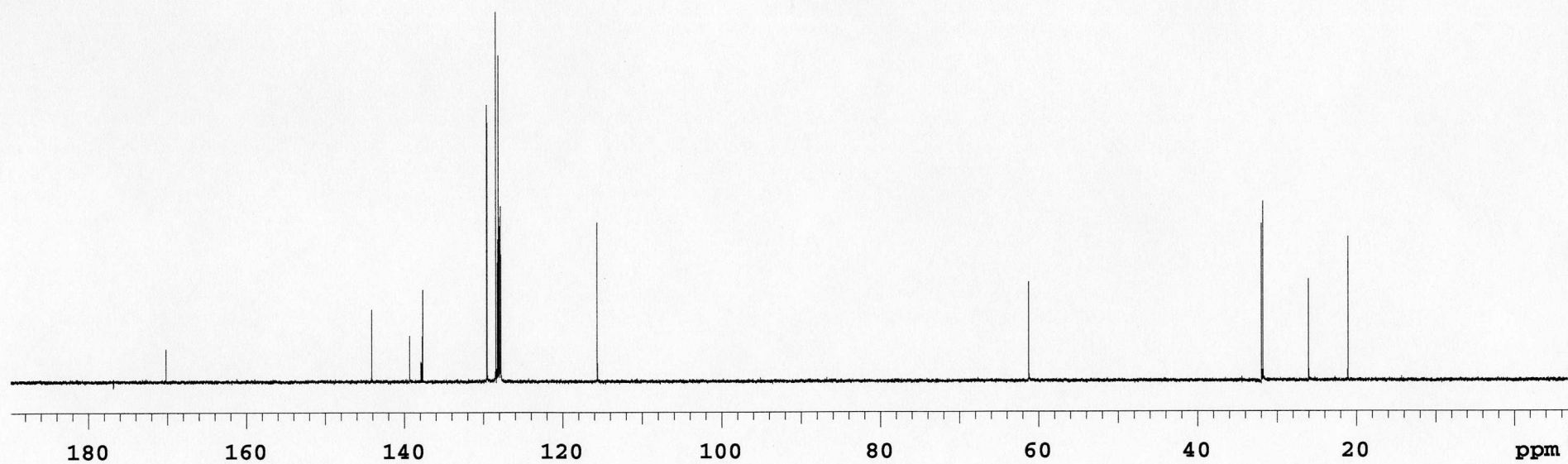
^1H , 500MHz, C_6D_6

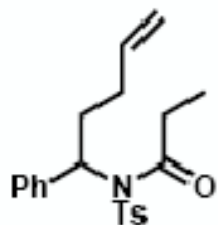




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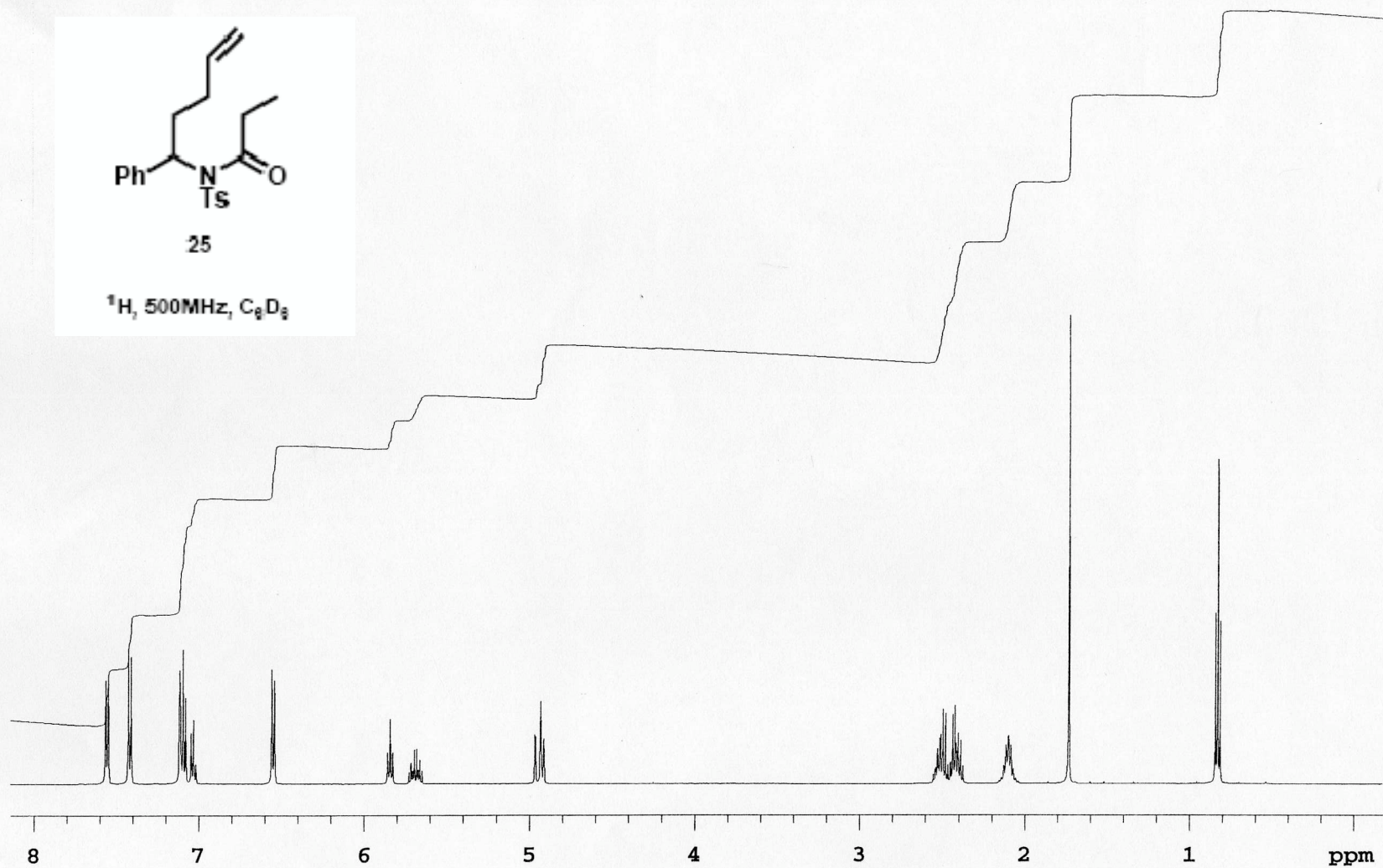
^{13}C , 125MHz, C_6D_6

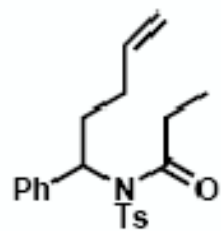




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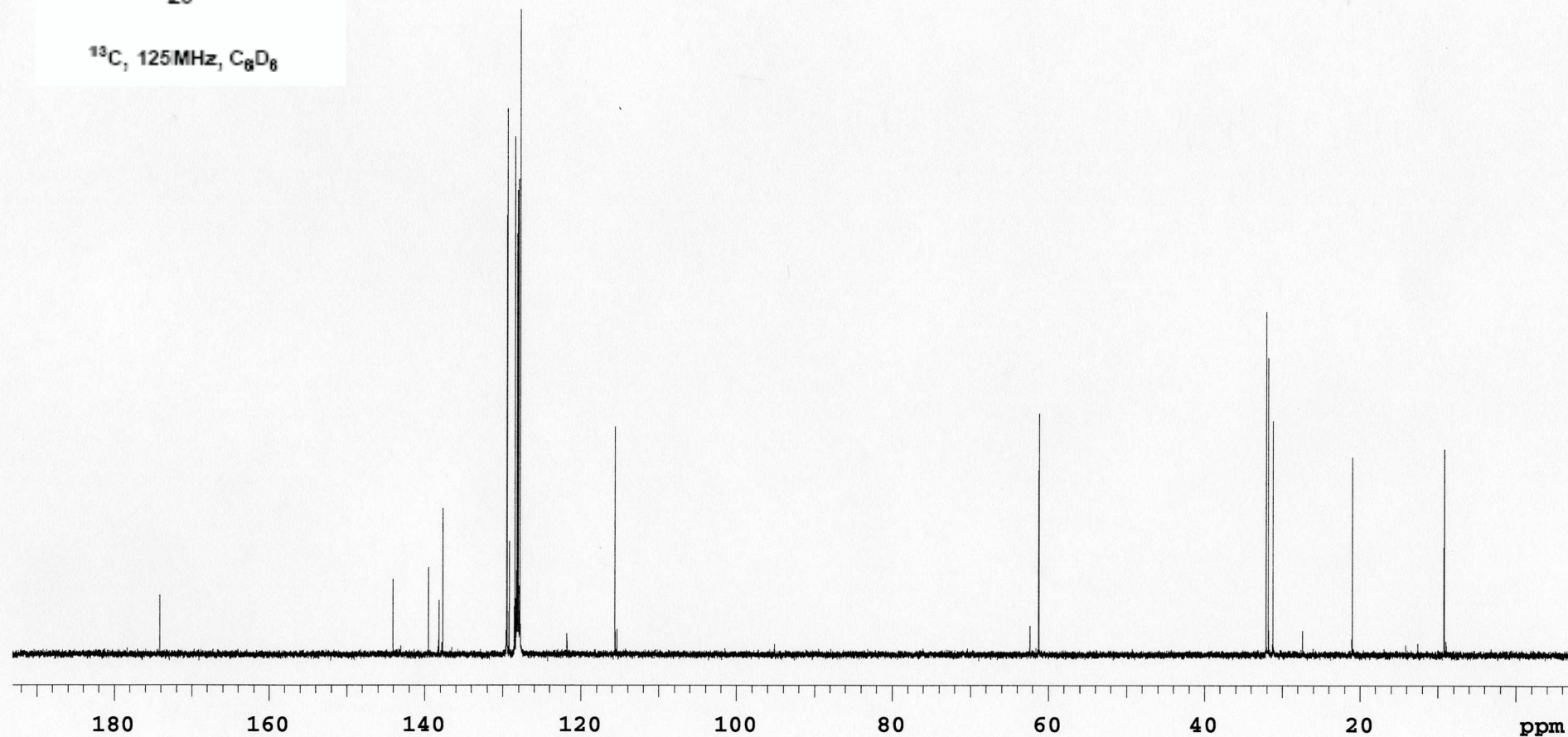
¹H, 500MHz, C₆D₆

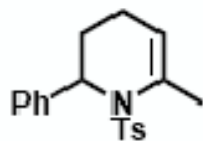




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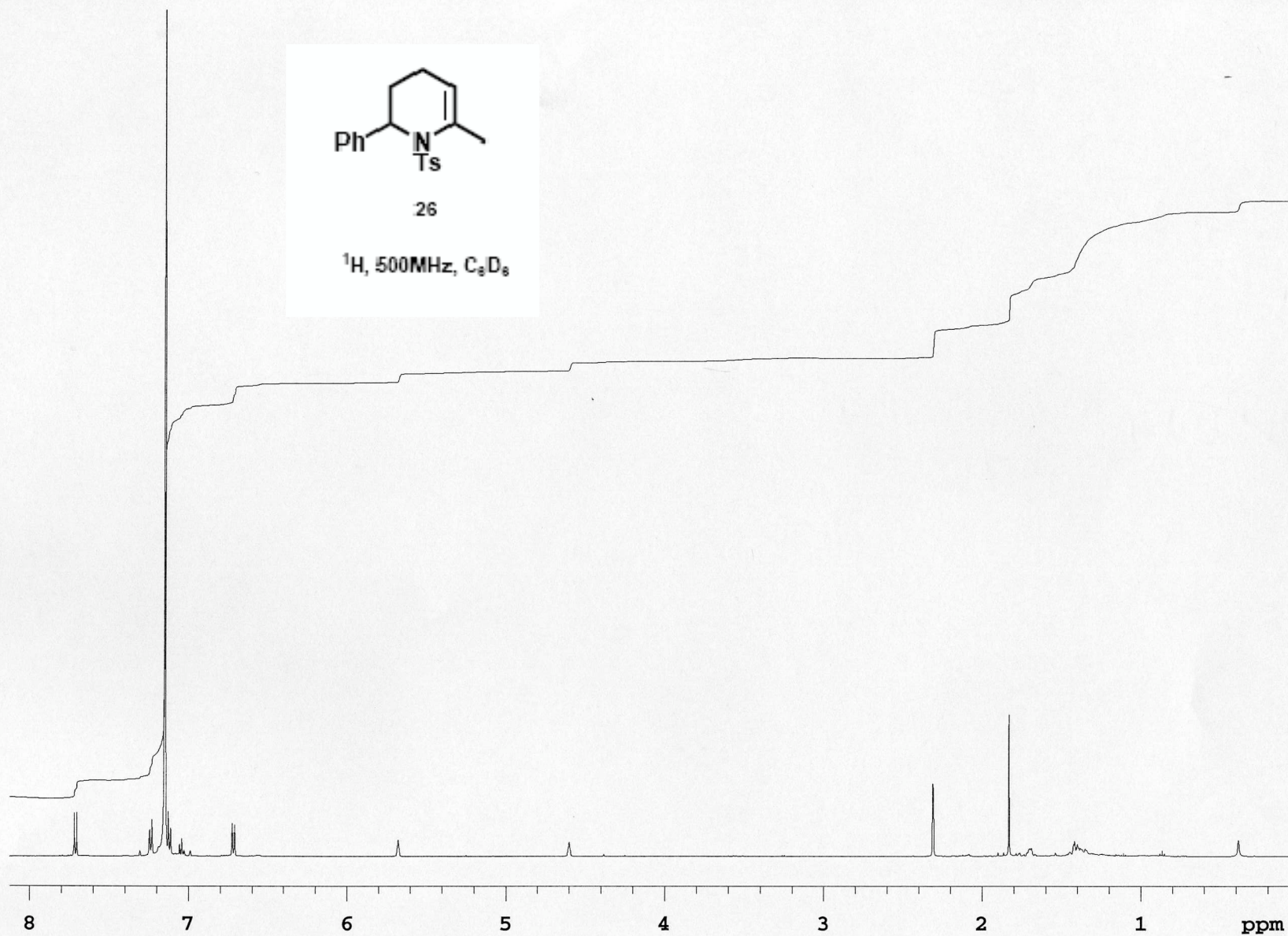
^{13}C , 125MHz, C_6D_6

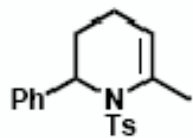




26

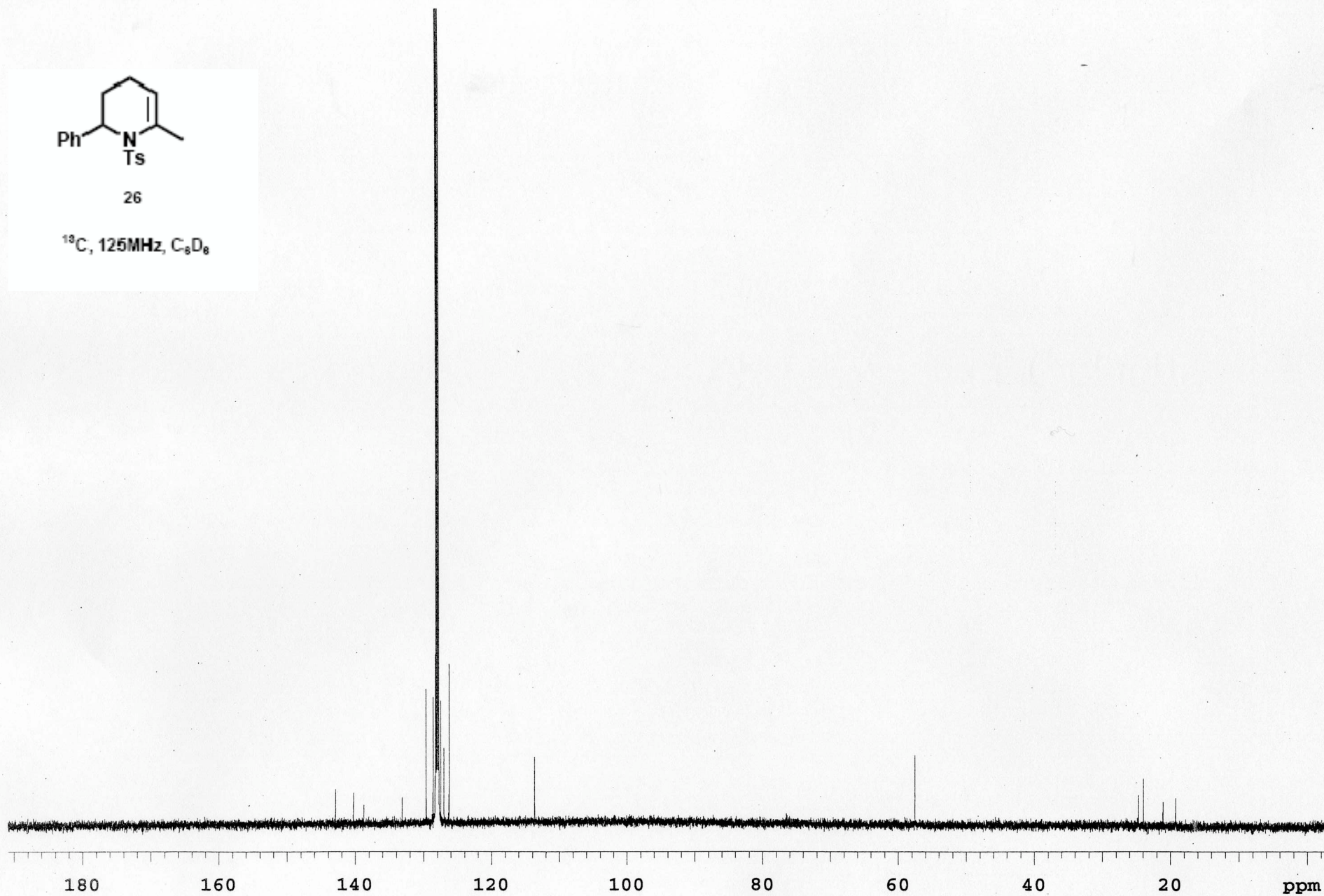
^1H , 500MHz, C_6D_6

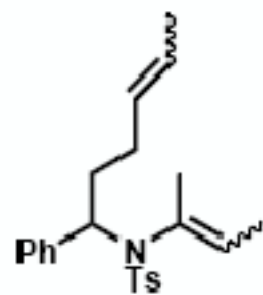




26

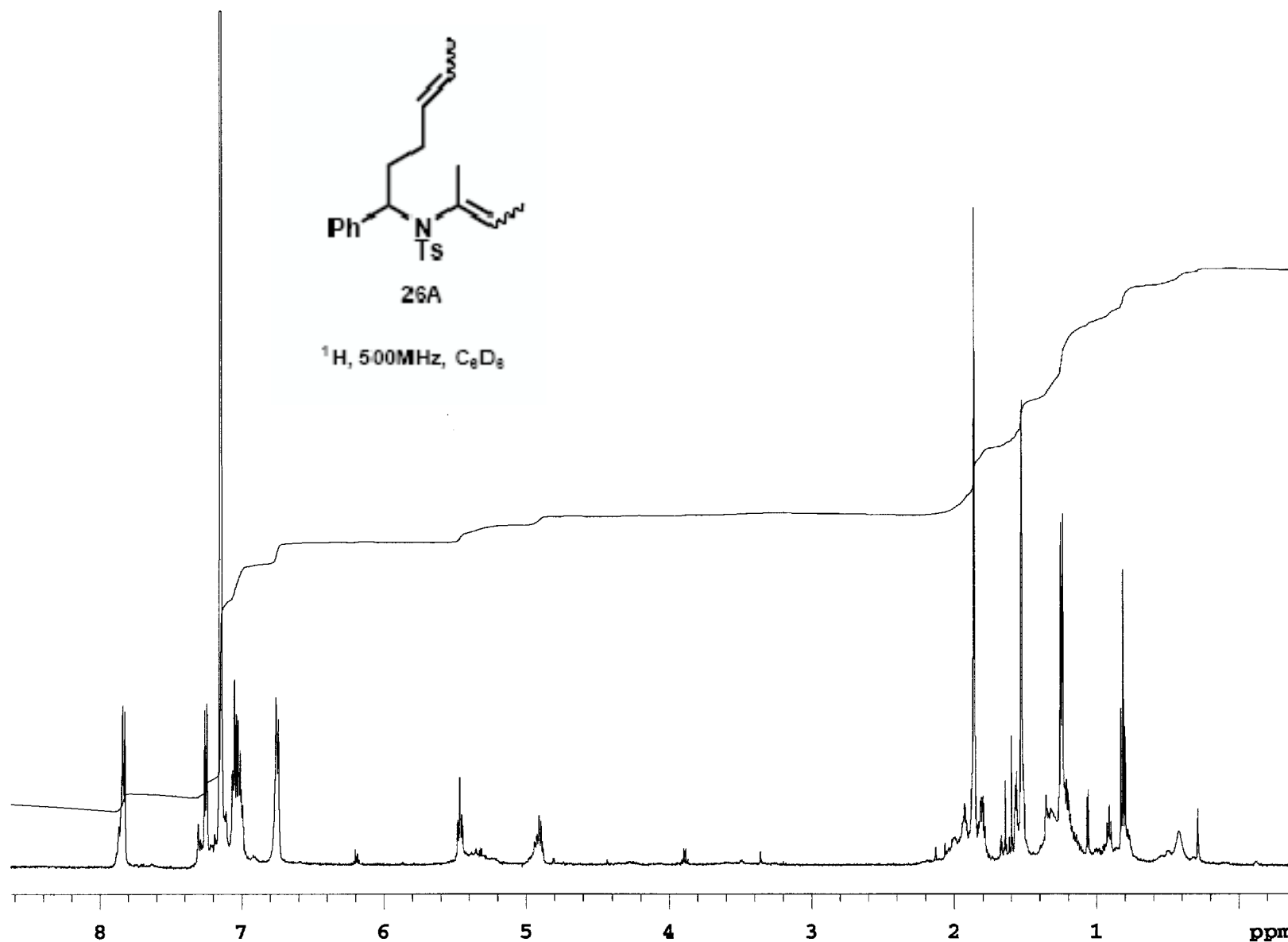
^{13}C , 125MHz, C_6D_6

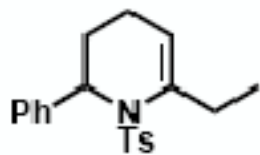




26A

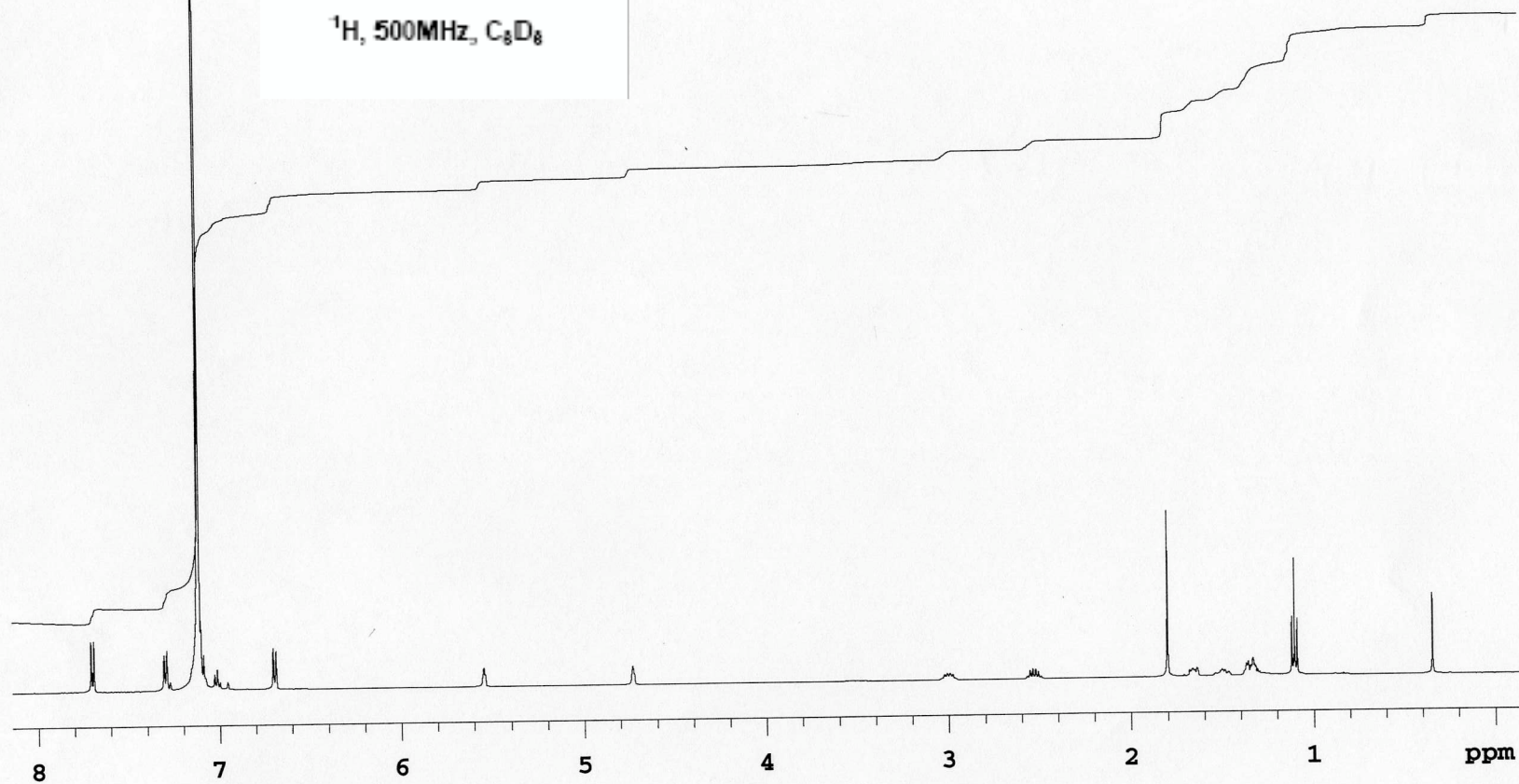
^1H , 500MHz, C_6D_6

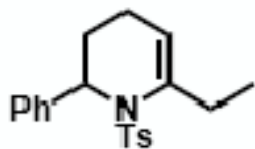




27

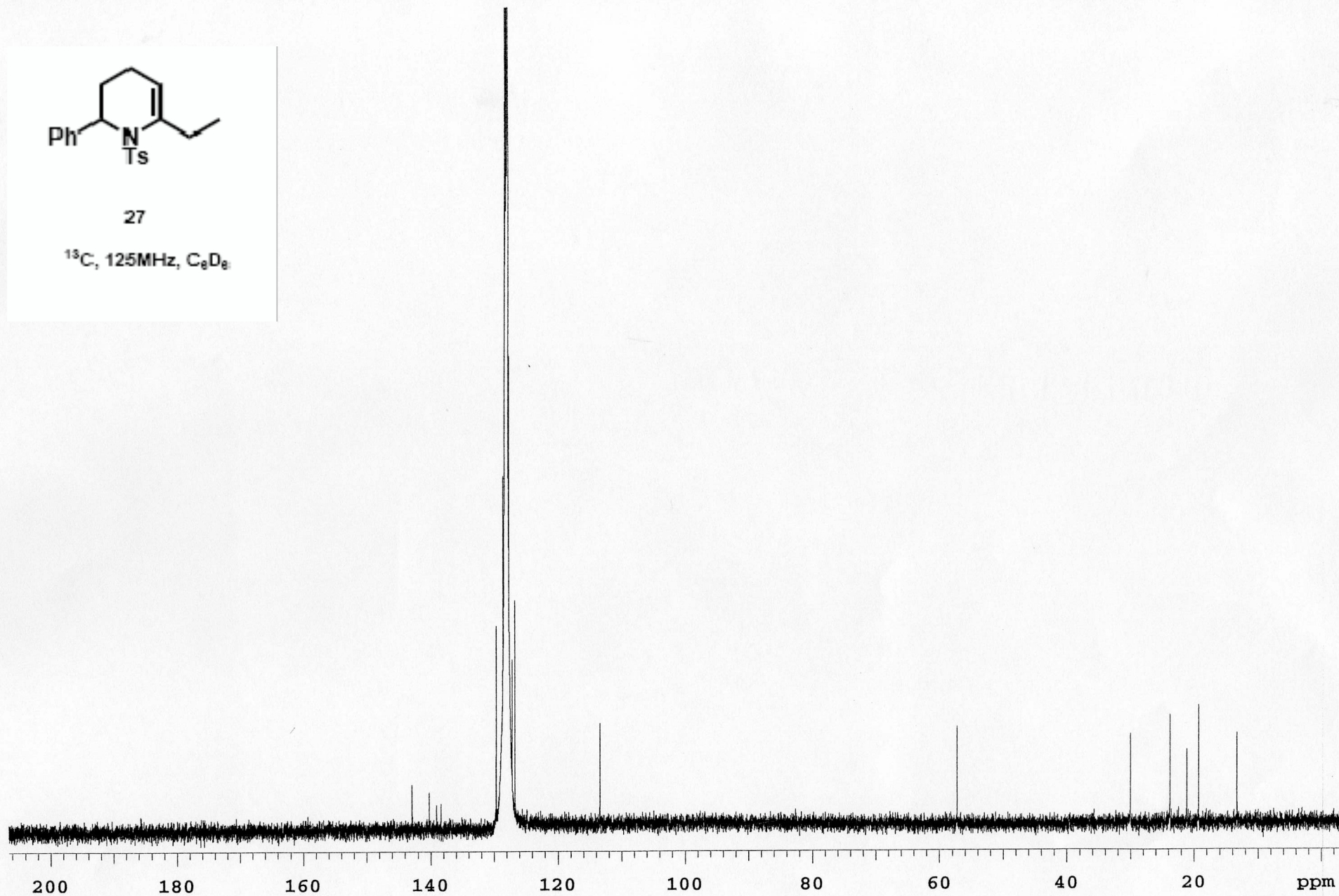
^1H , 500MHz, C_6D_6

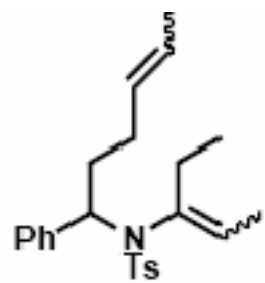




27

^{13}C , 125MHz, C_6D_6





27A

^1H , 500MHz, C_6D_6

