Electronic Supplementary Material (ESI) for Chemical Communications


# Supporting Information-III

## Discovery of 2-Aminobuta-1,3-enynes in Asymmetric Organocascade Catalysis: Construction of Drug-like Spirocyclic Cyclohexanes Having Five to Six Contiguous Stereocenters

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*Hyderabad 500 046, India*

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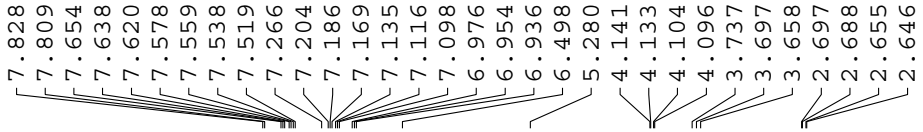


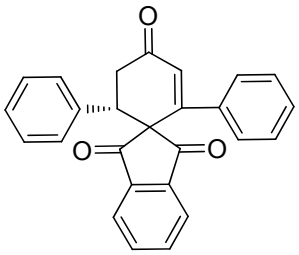


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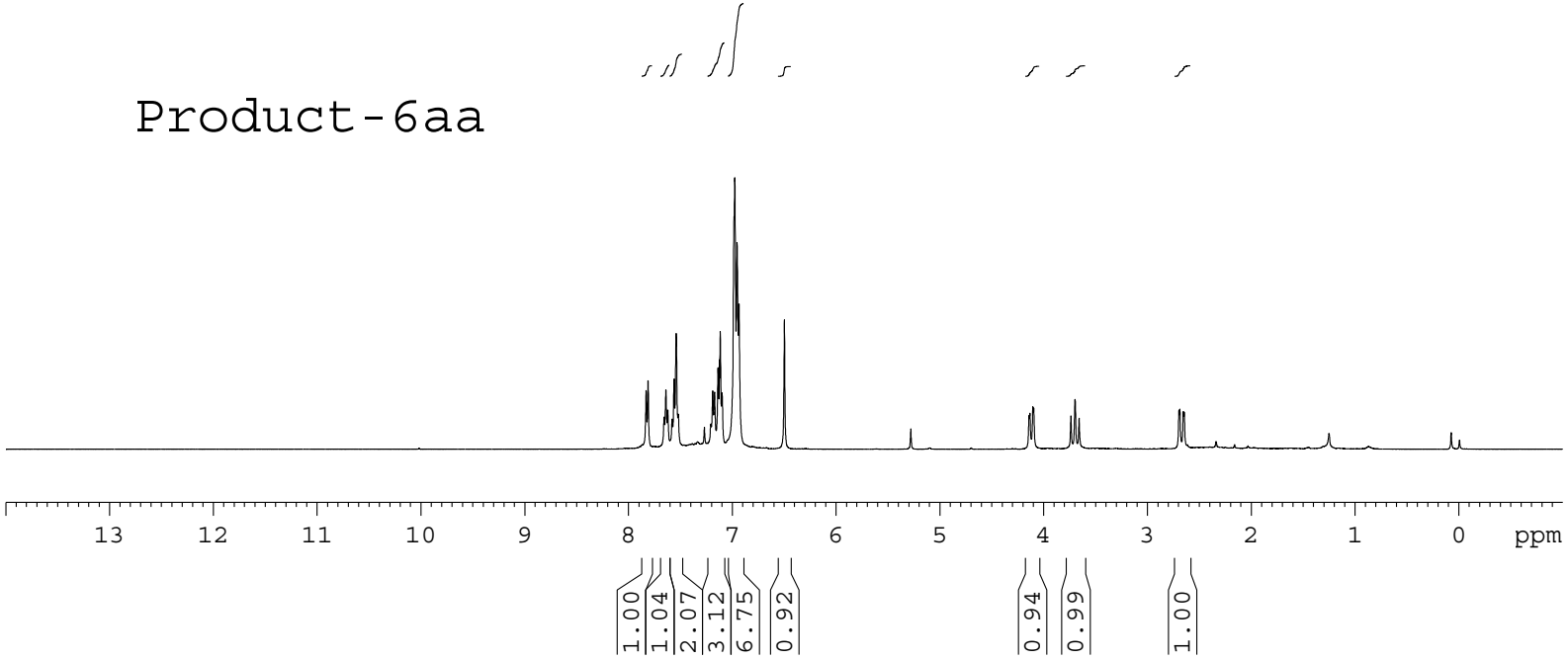

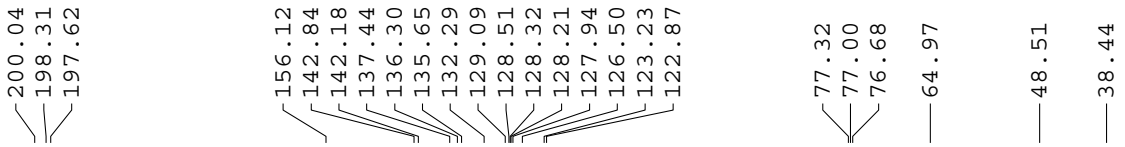


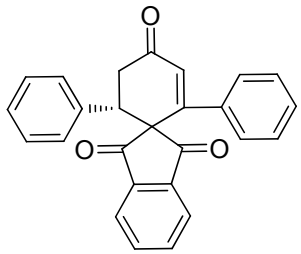


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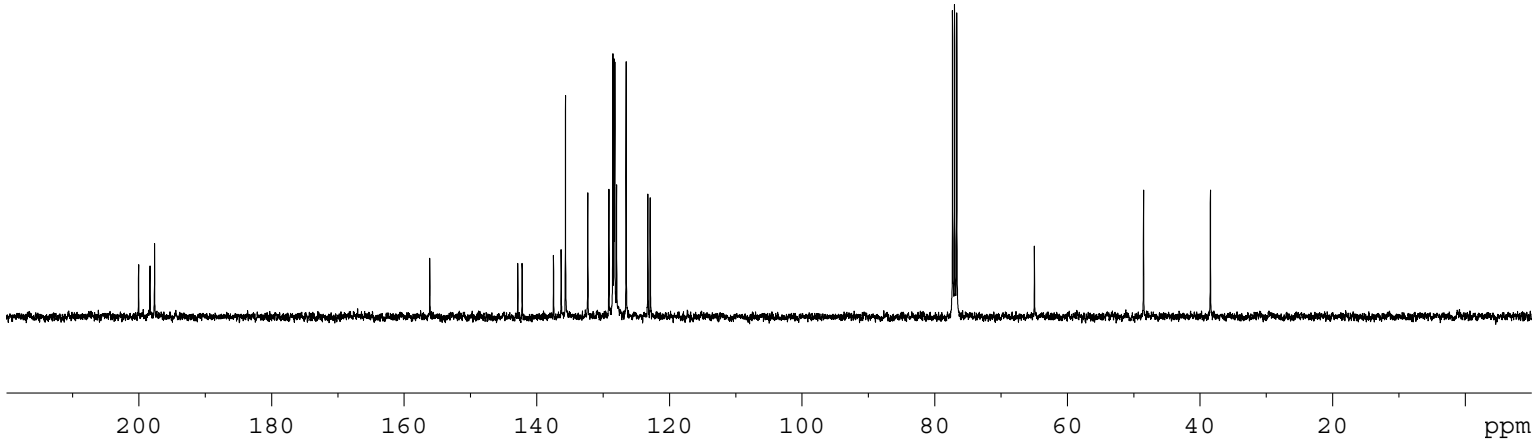

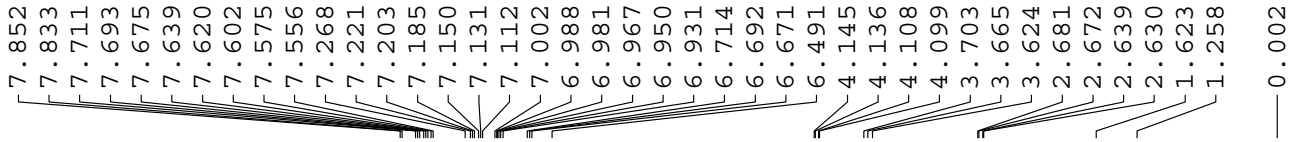


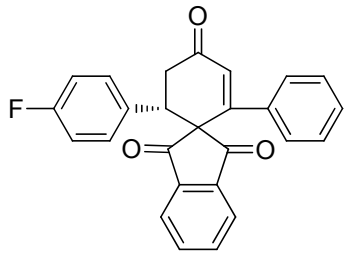


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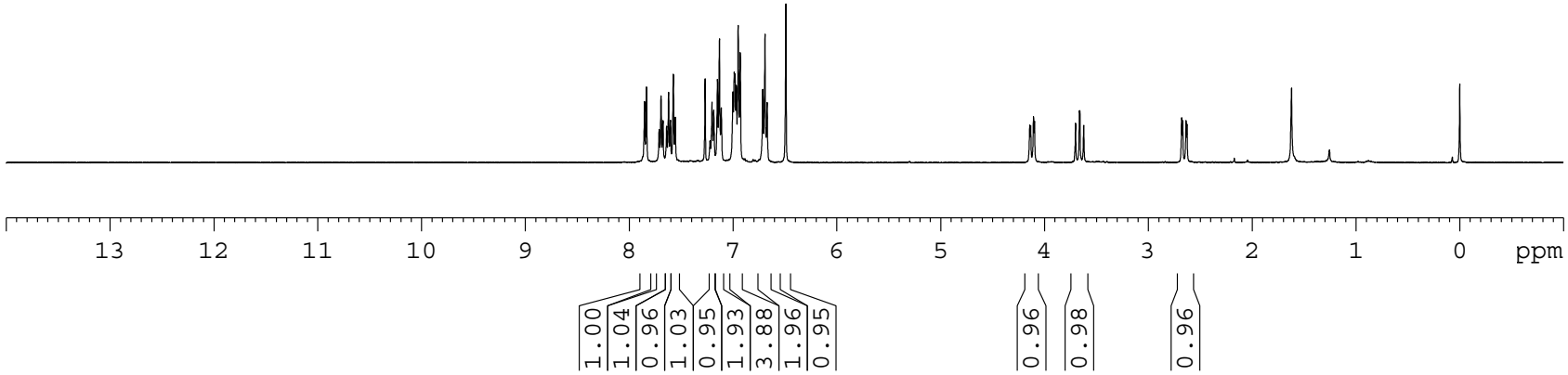

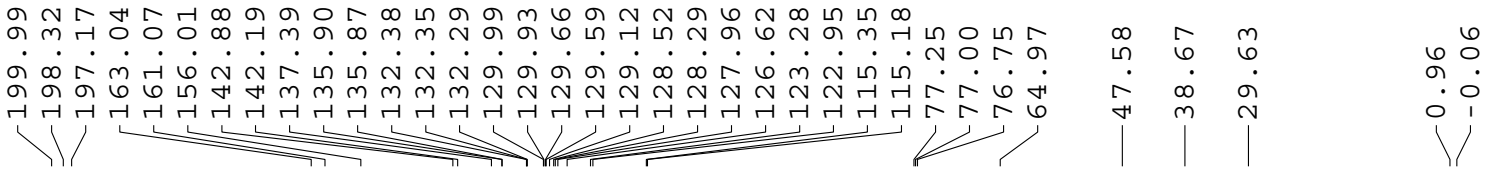


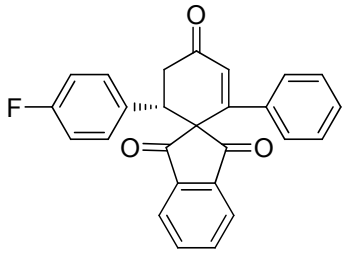


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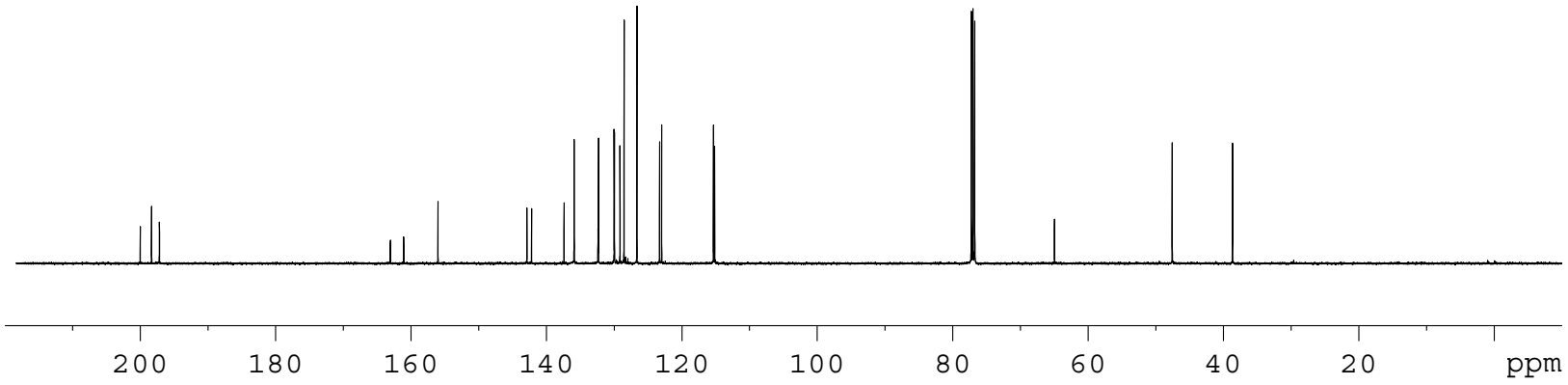

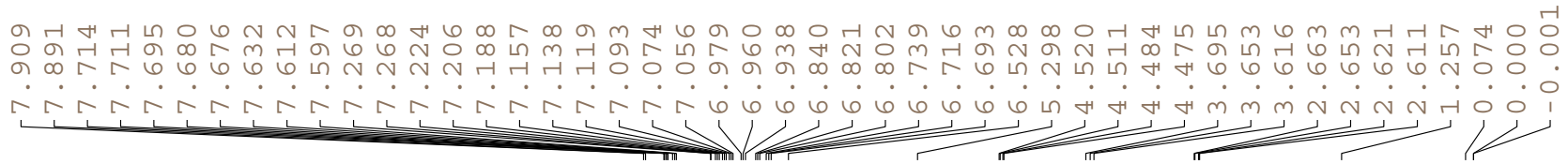


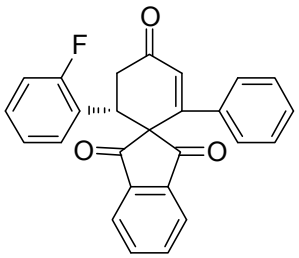


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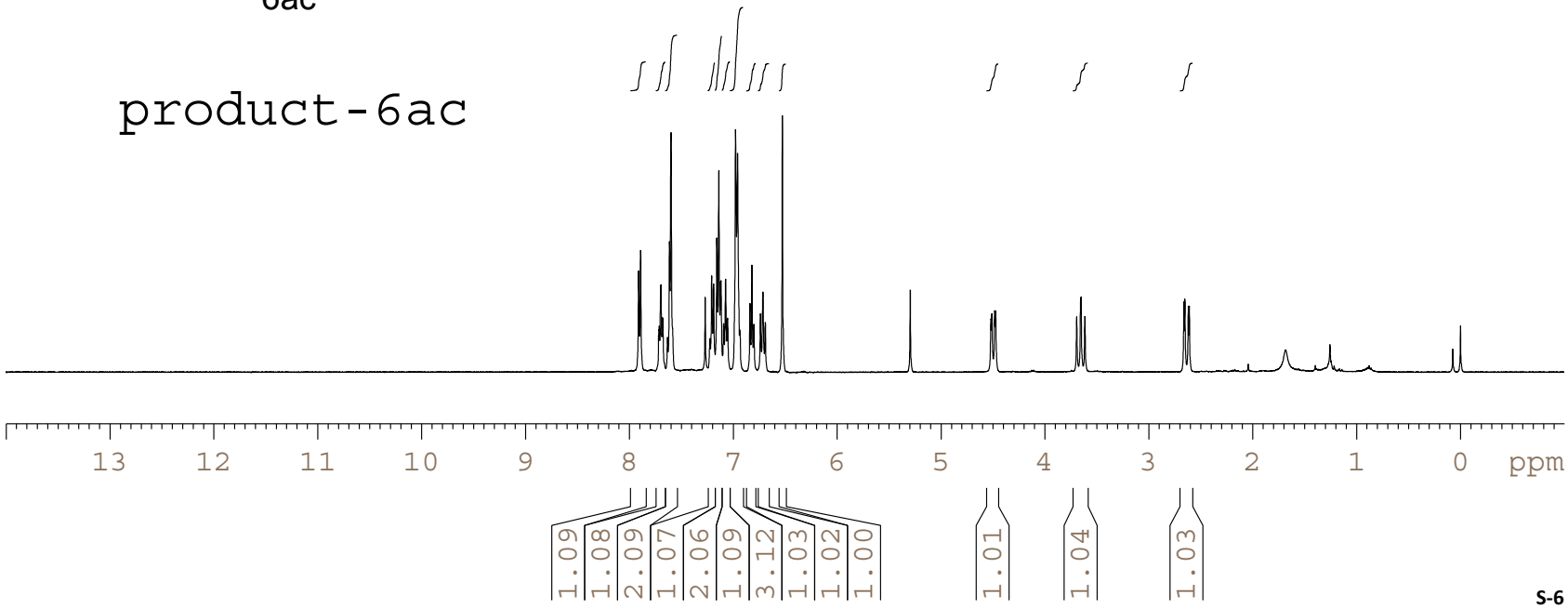

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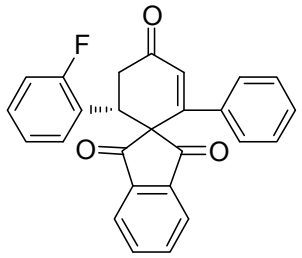


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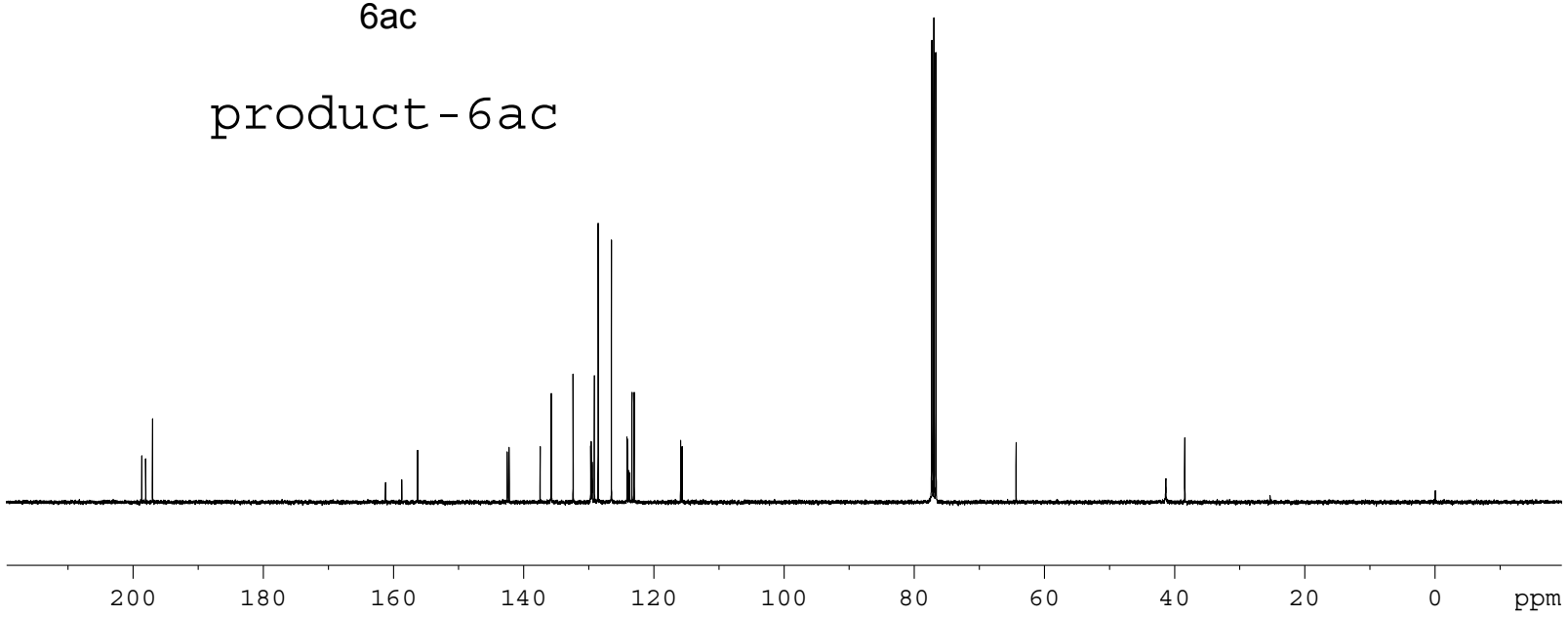

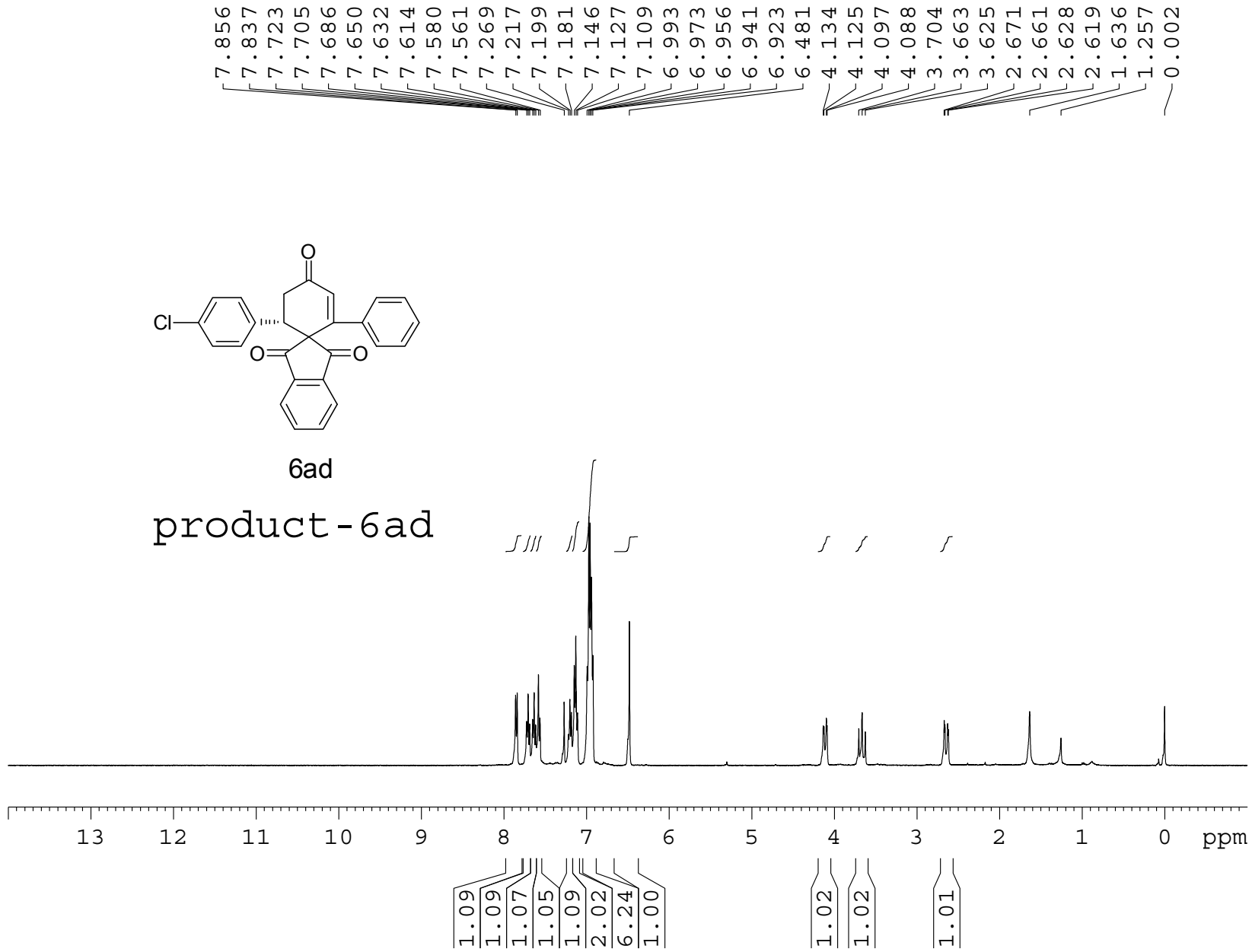

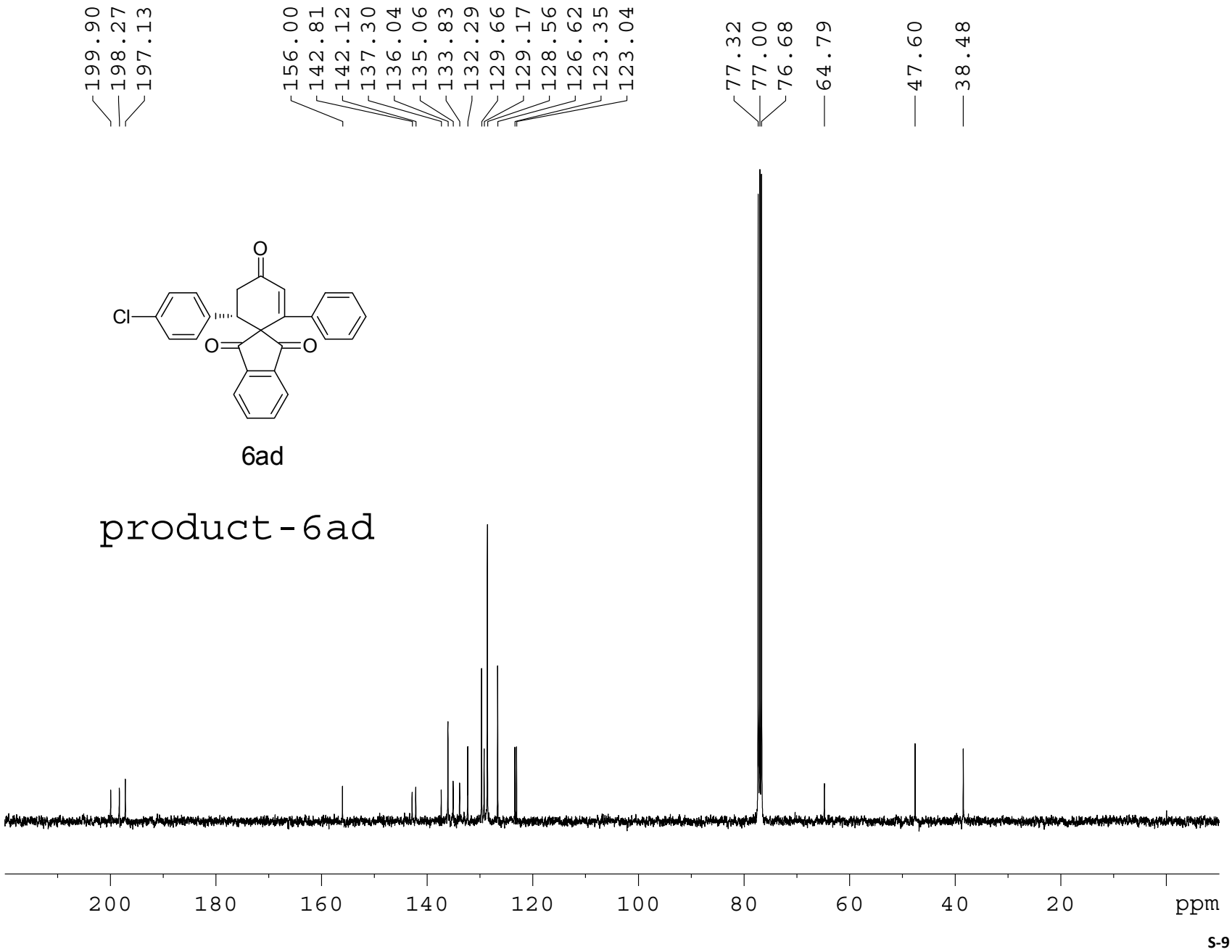

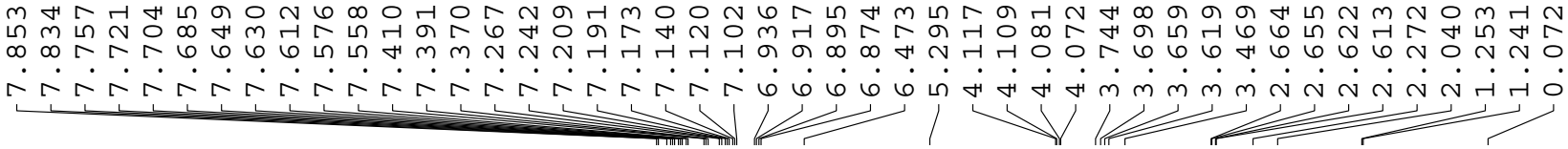


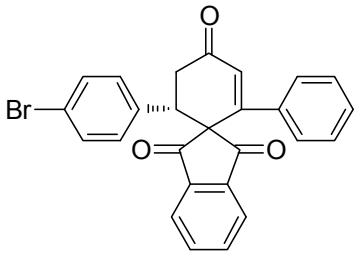


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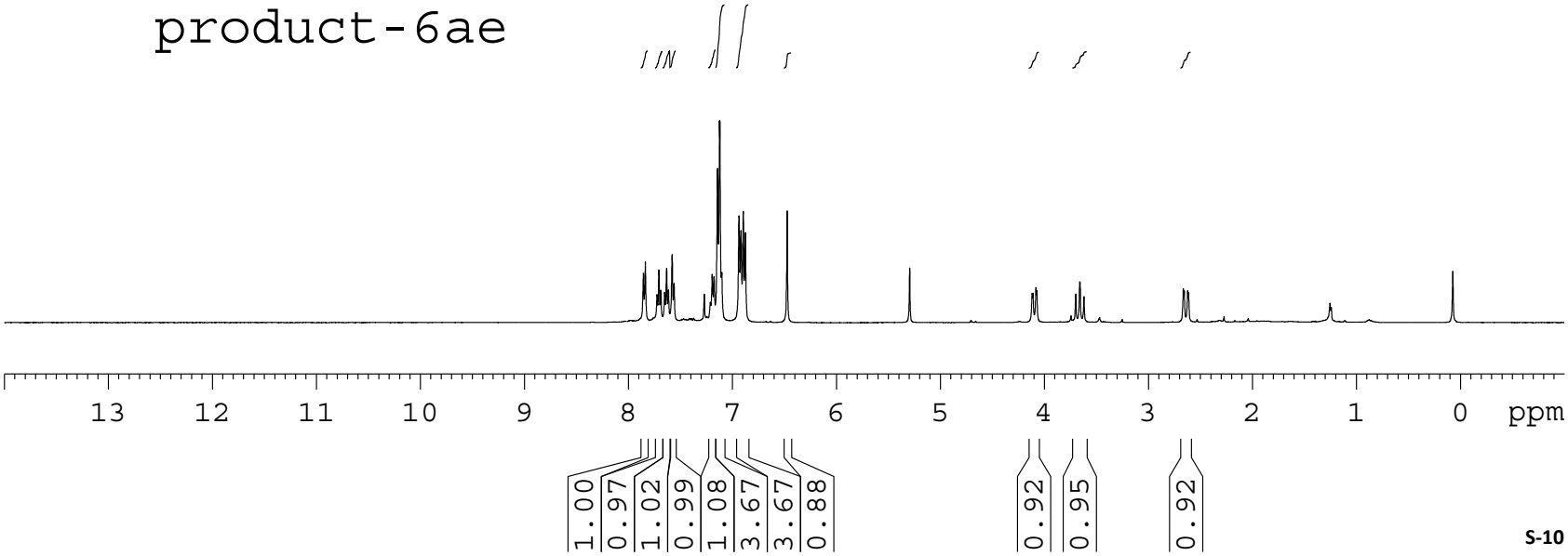

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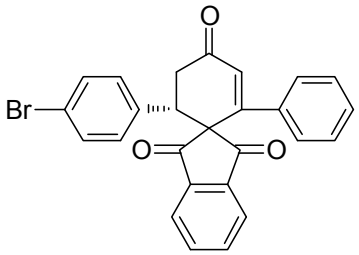


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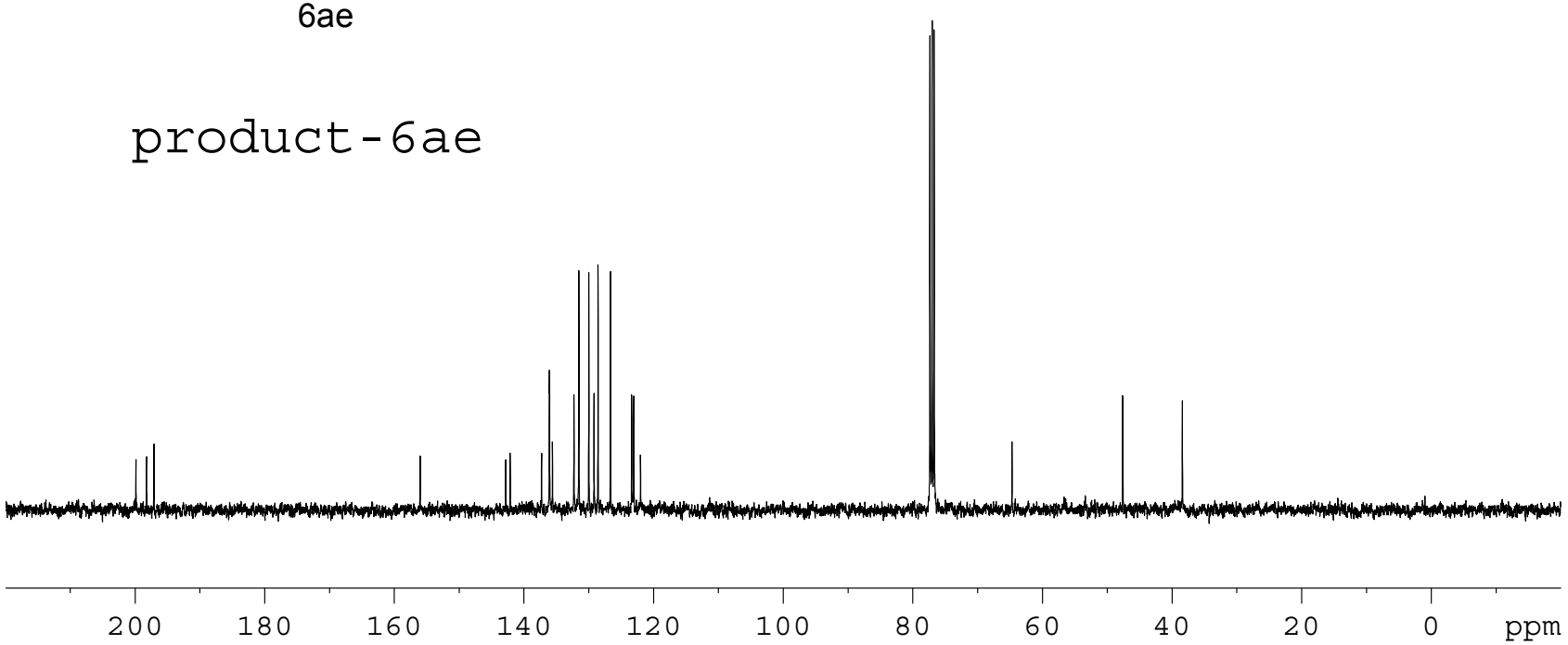

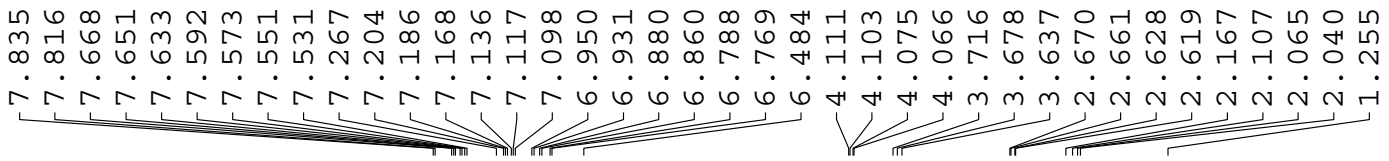


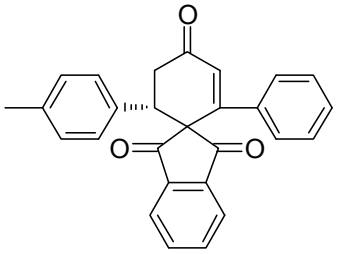

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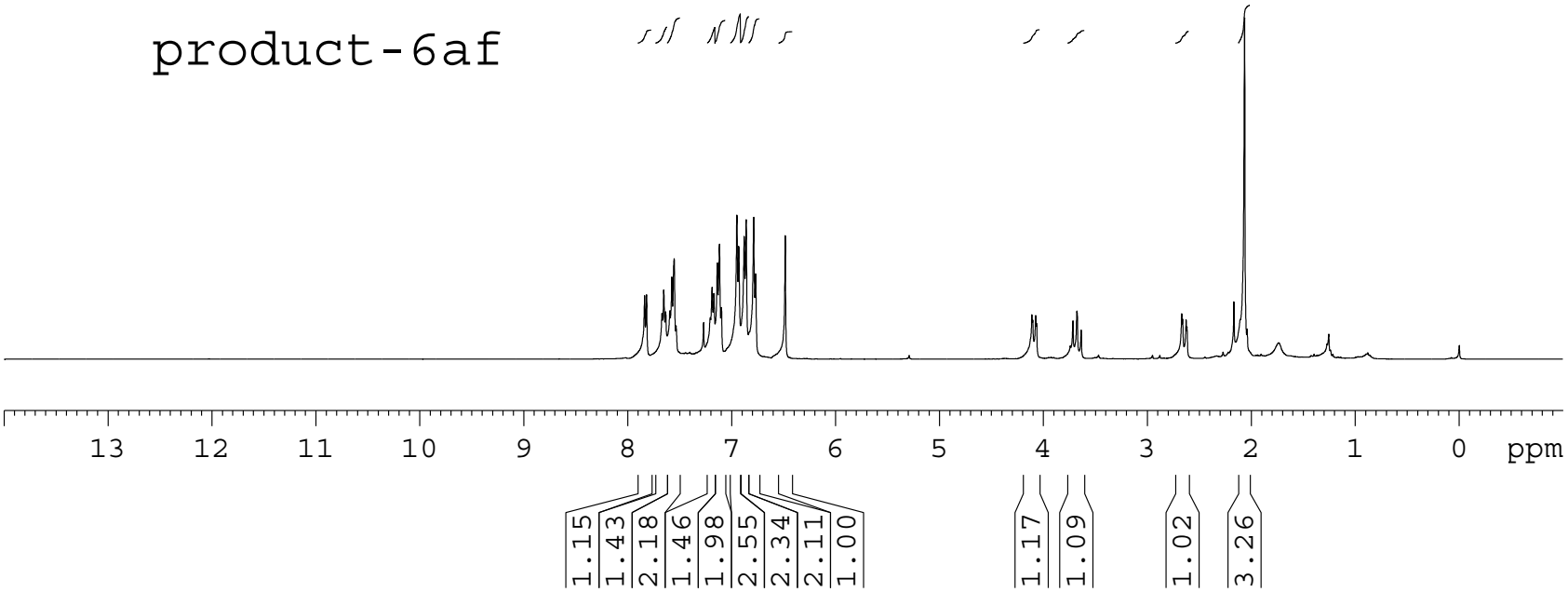

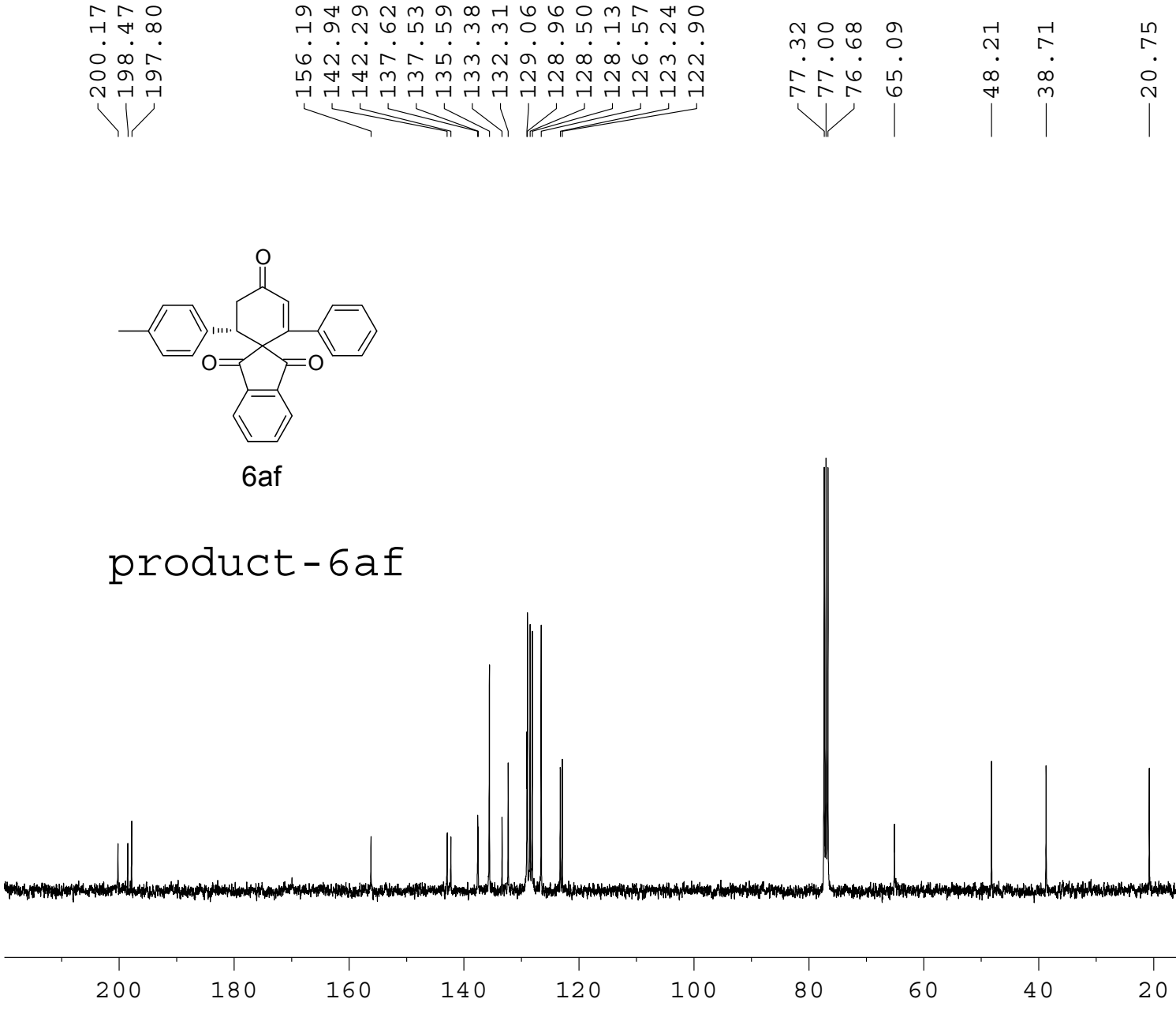

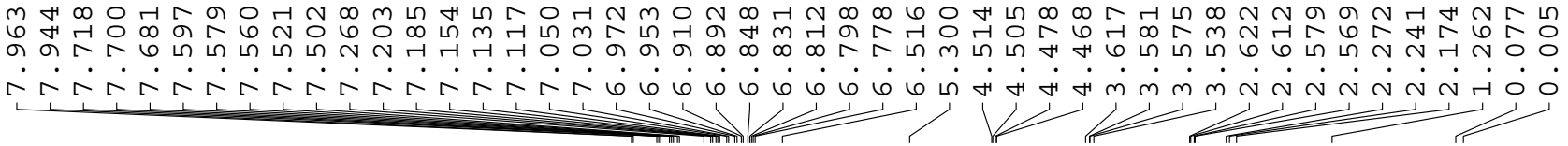


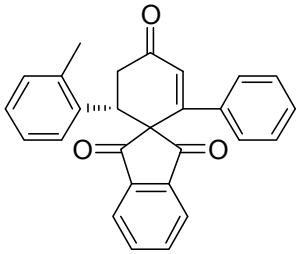


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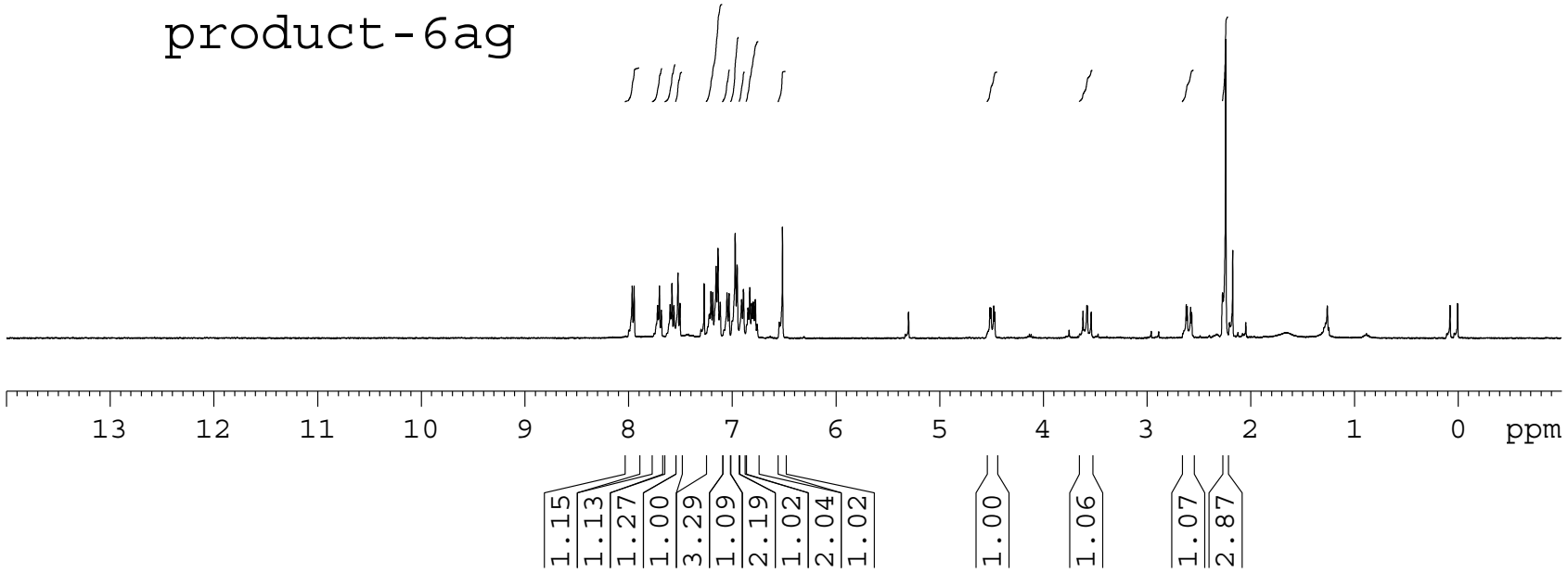

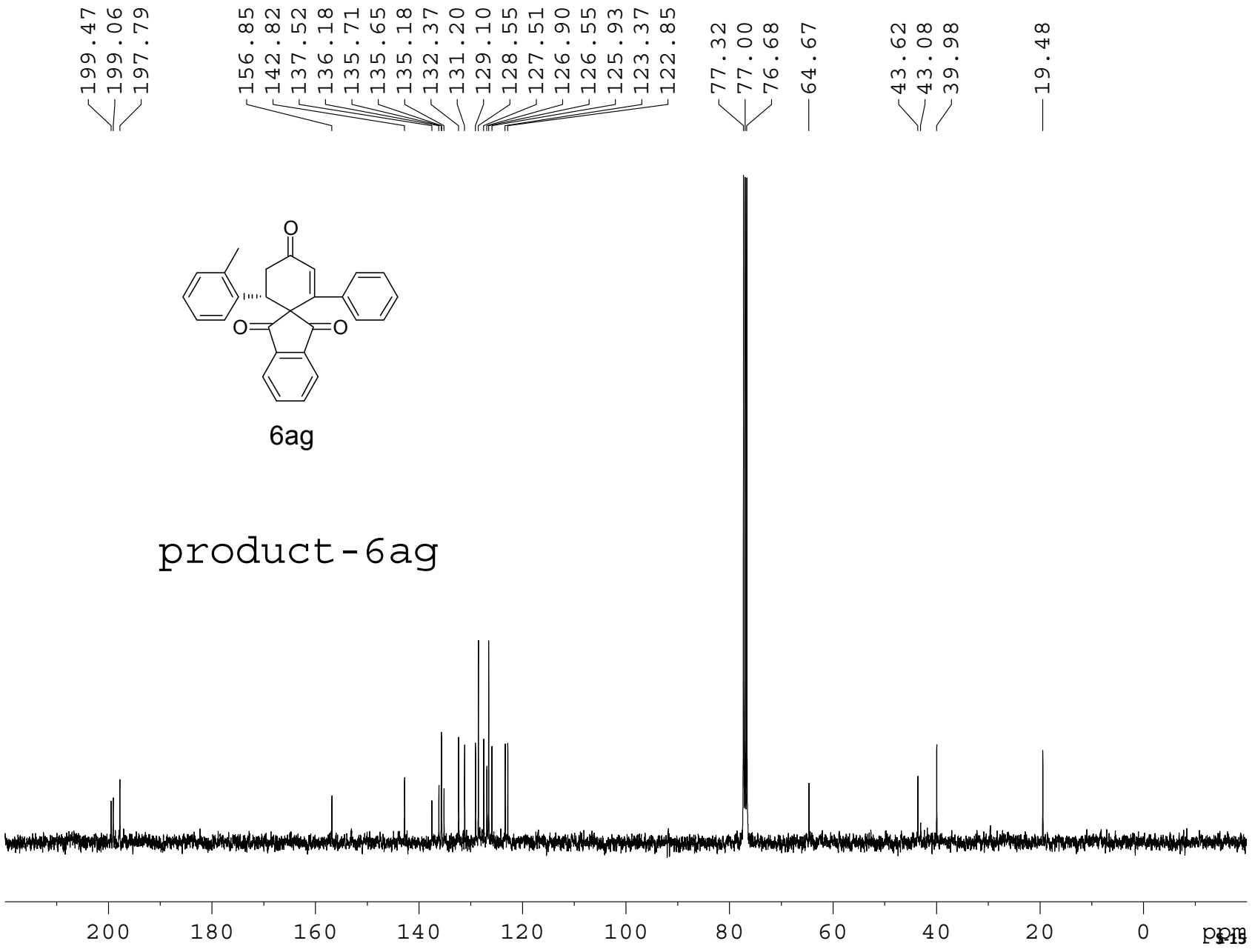

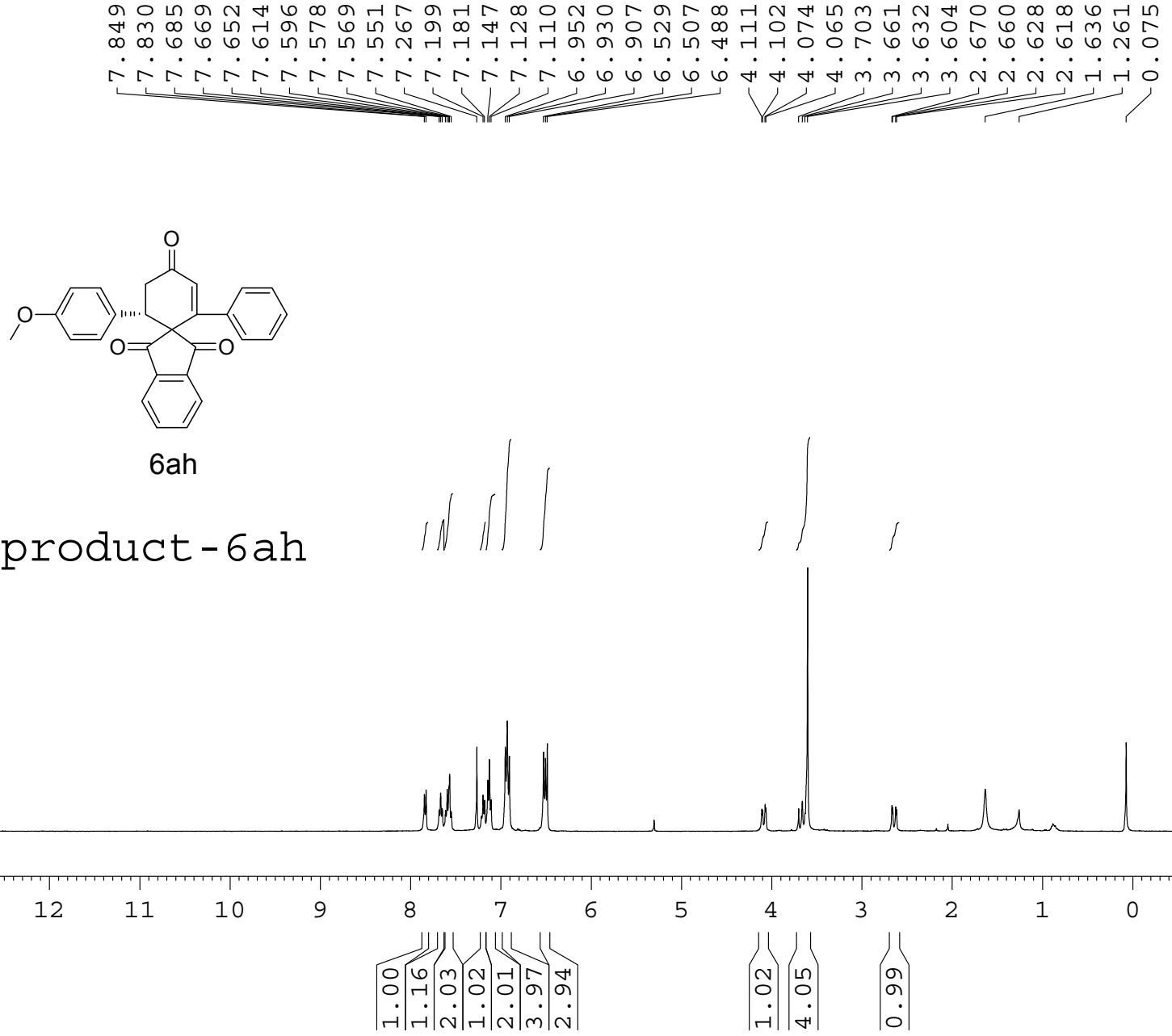

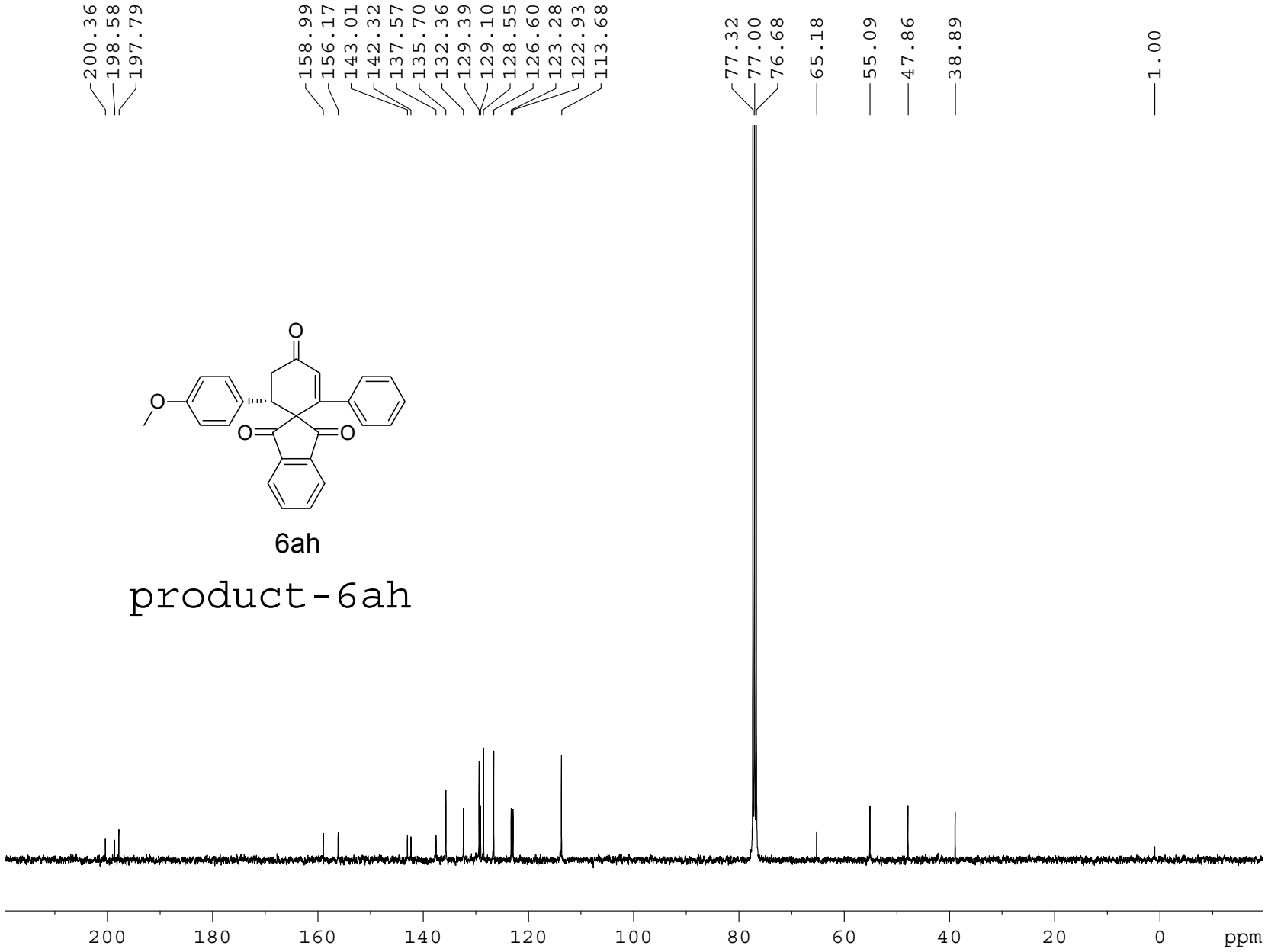

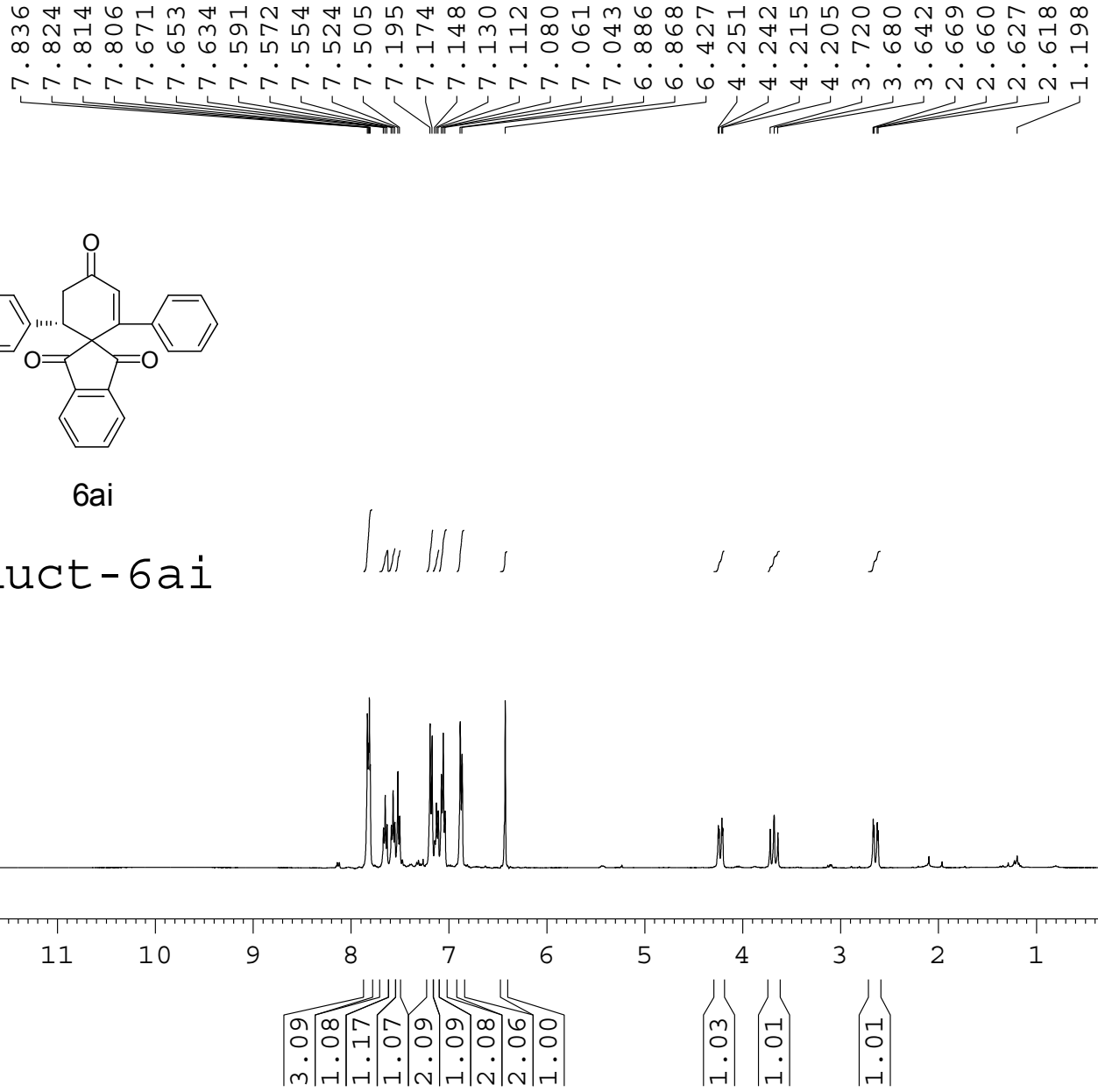

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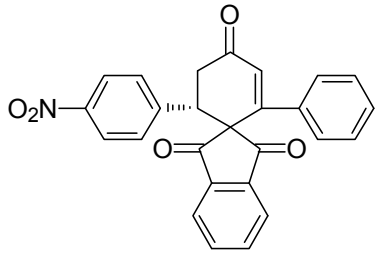


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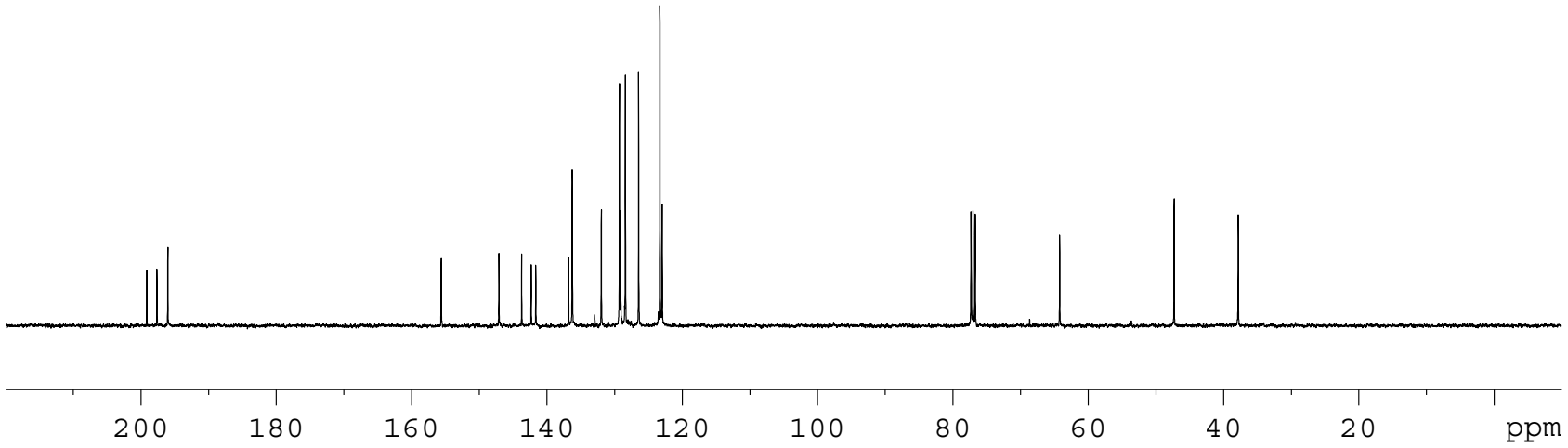

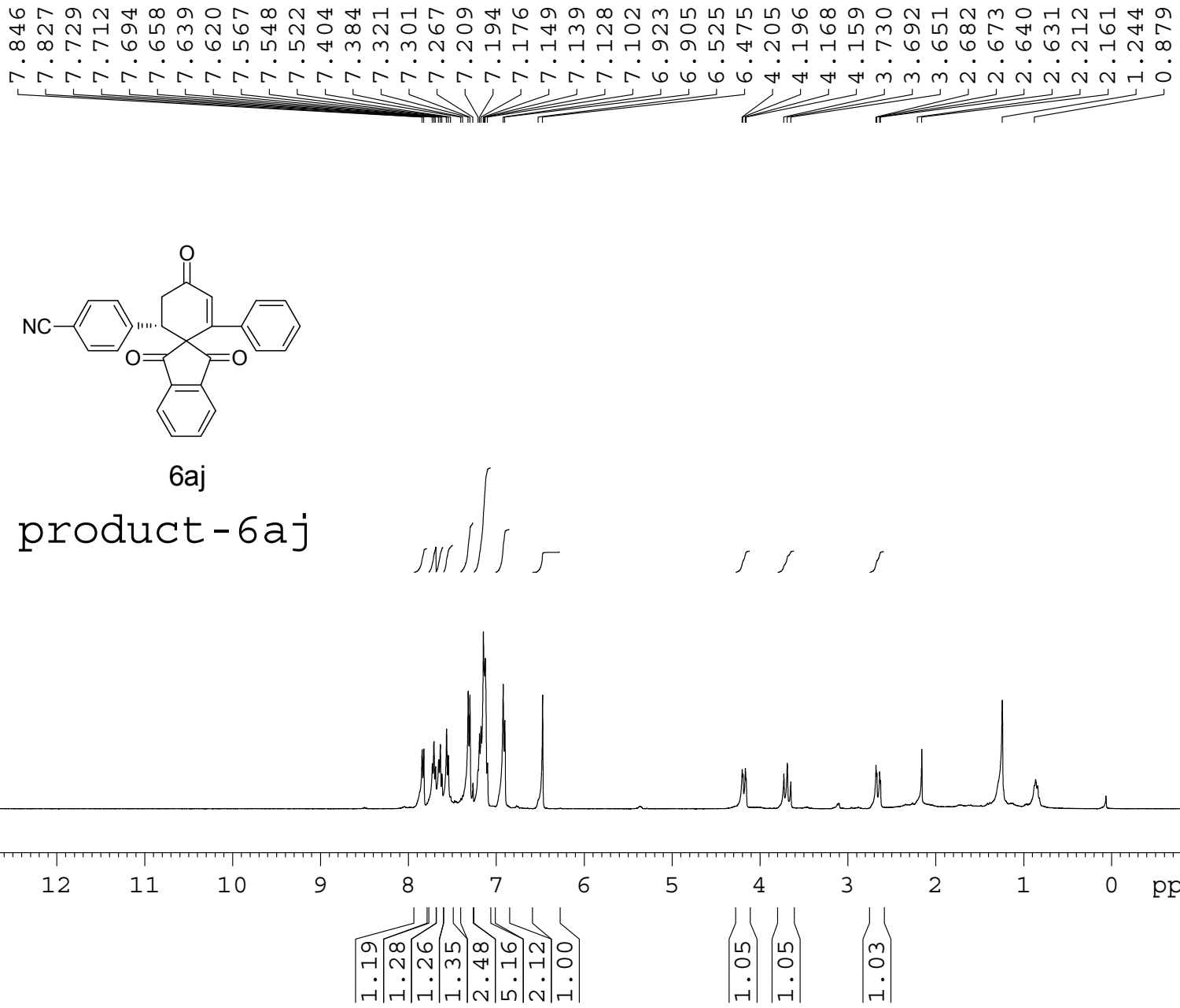

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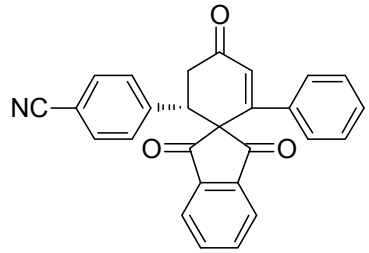


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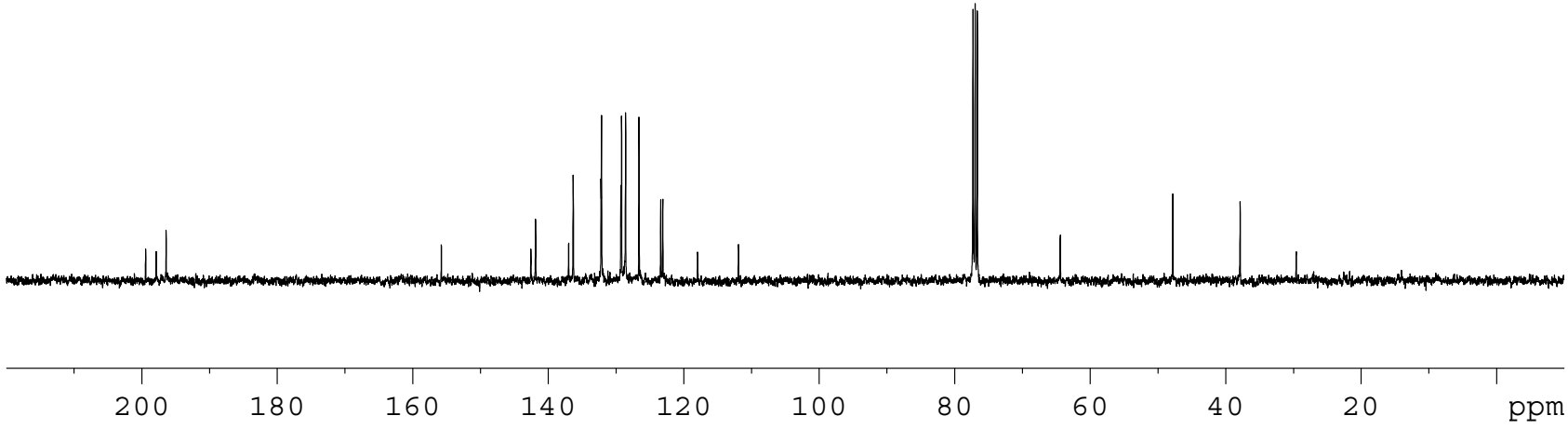

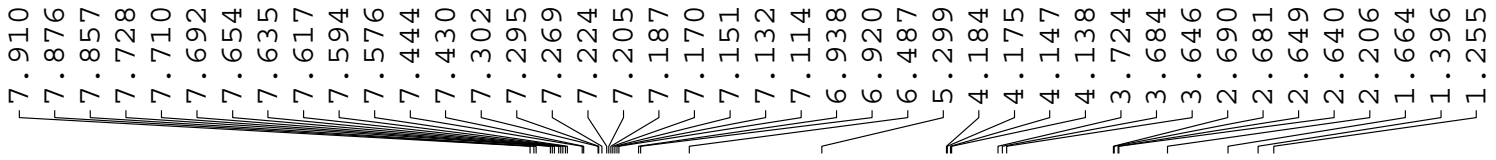


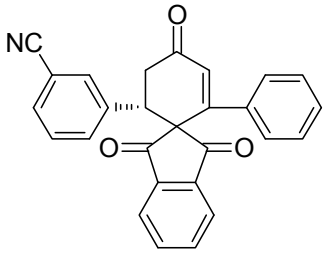


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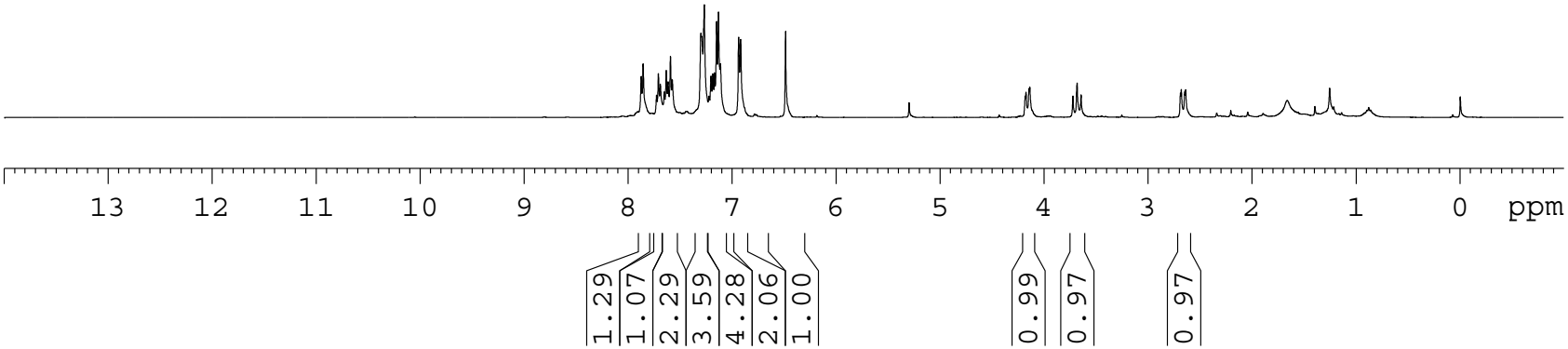

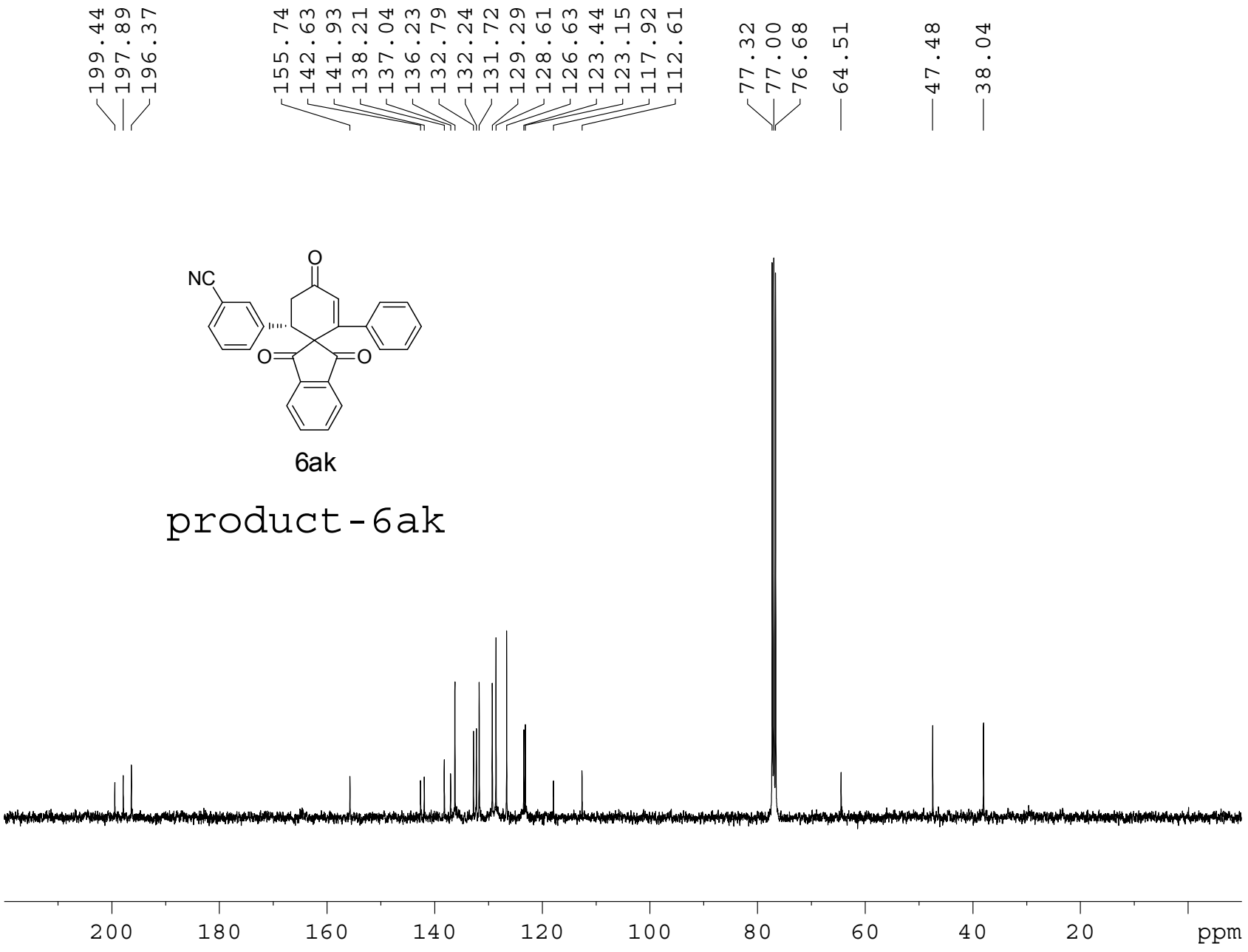

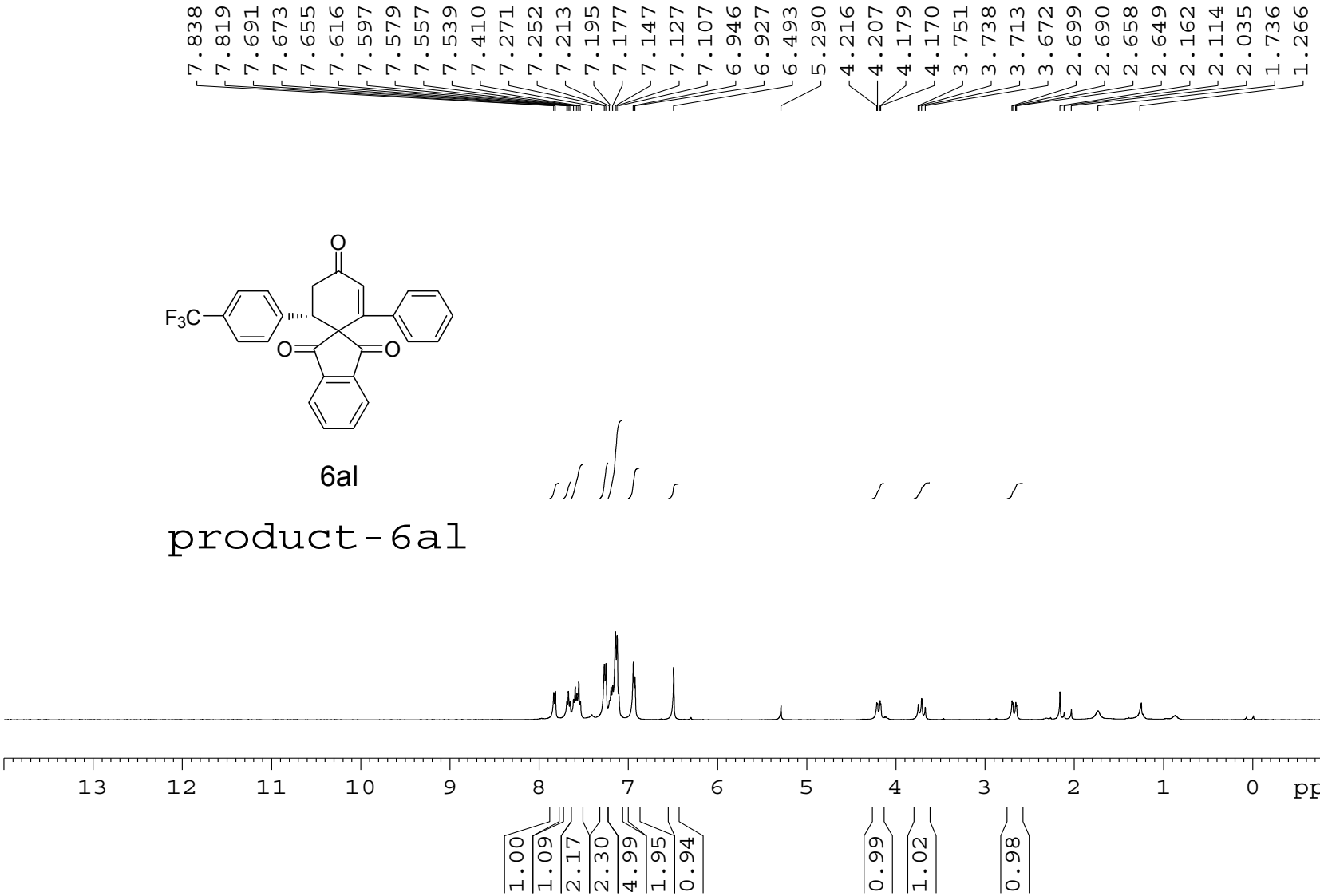

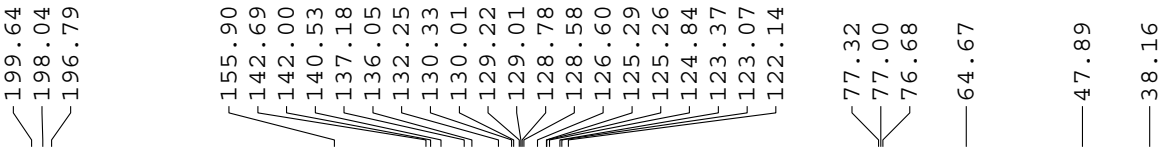


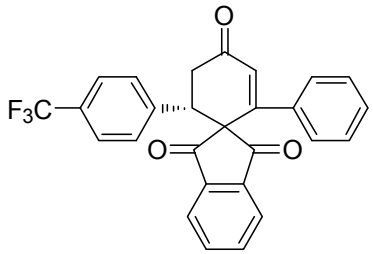


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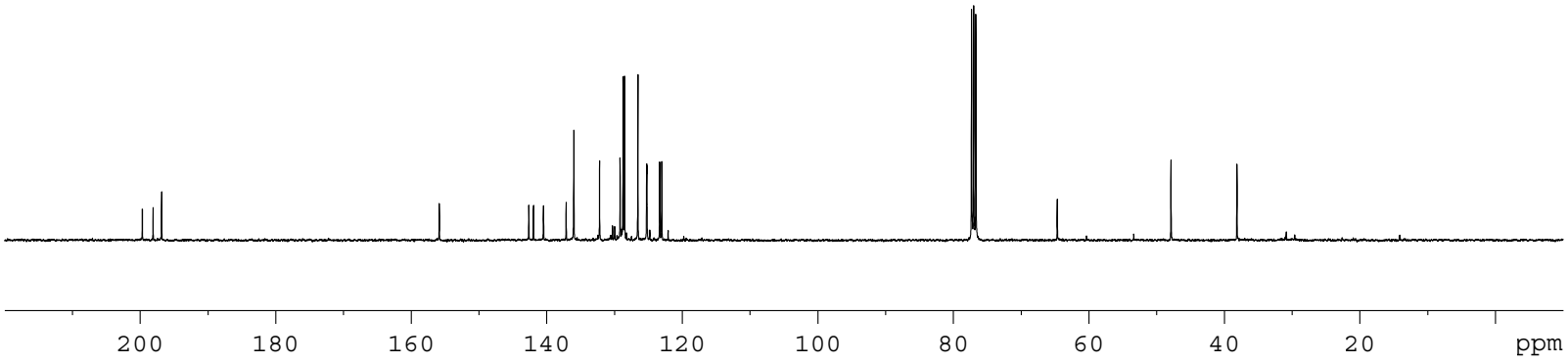

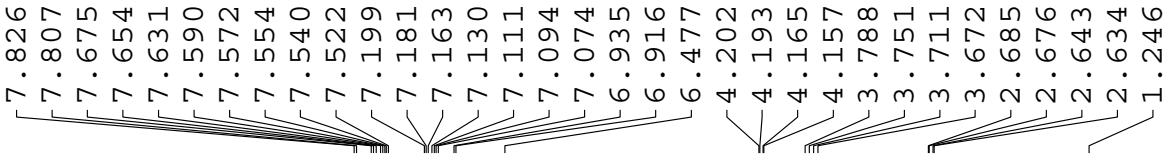


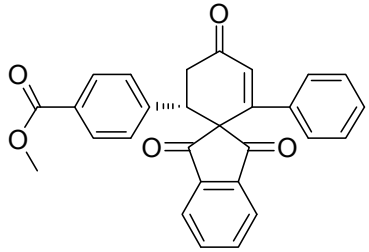

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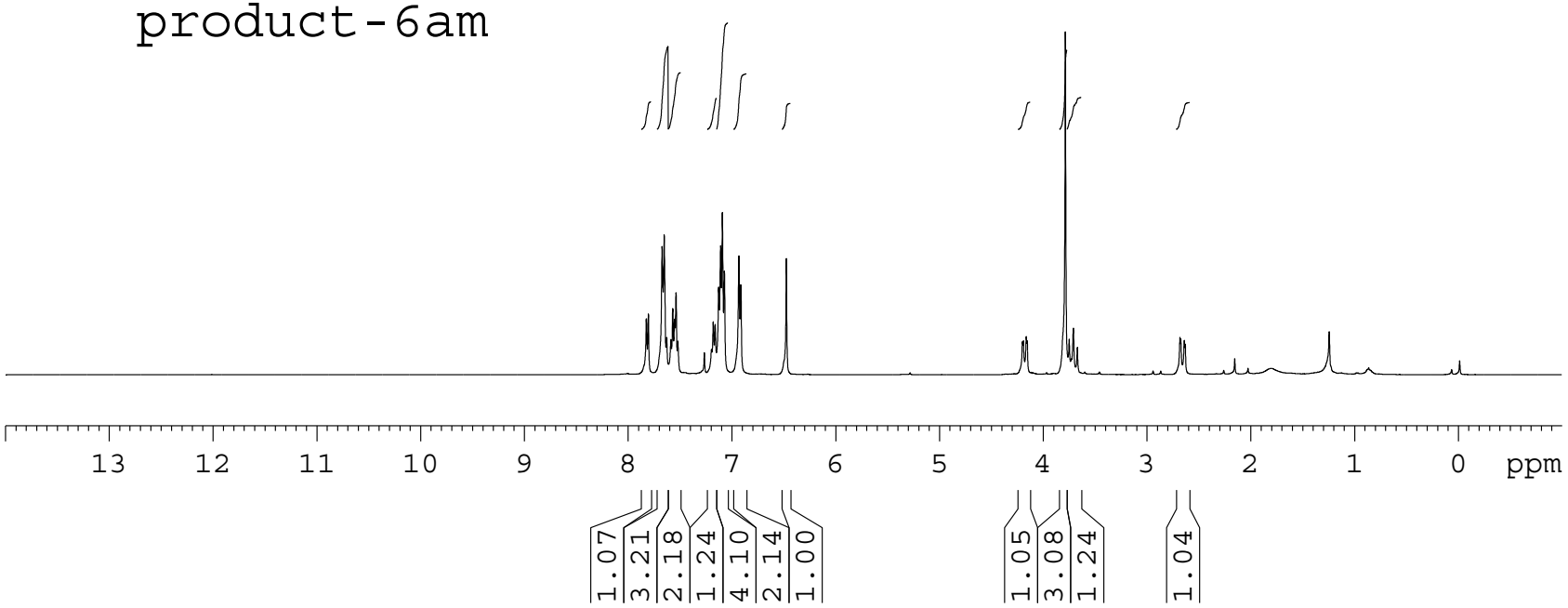

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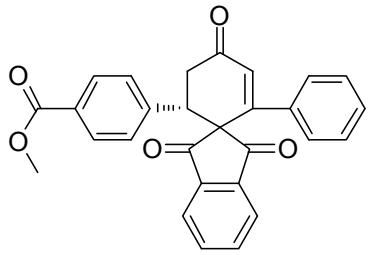

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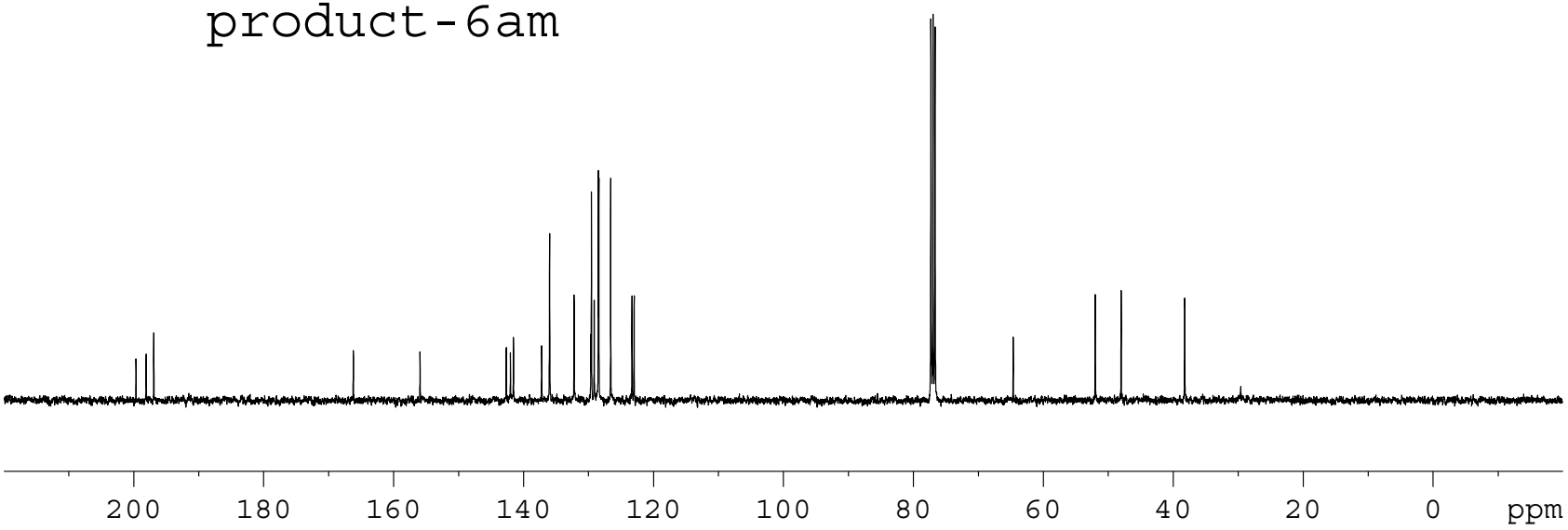

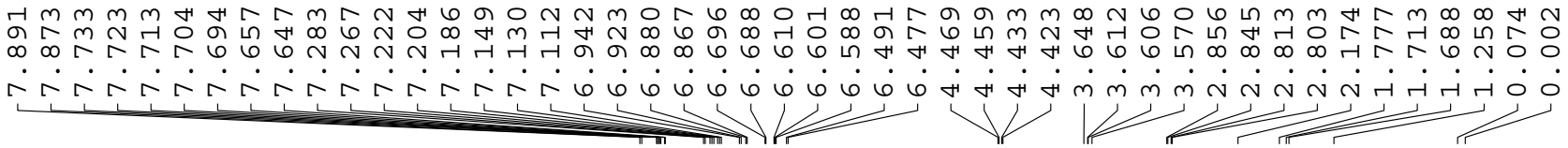


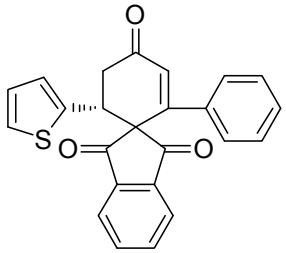


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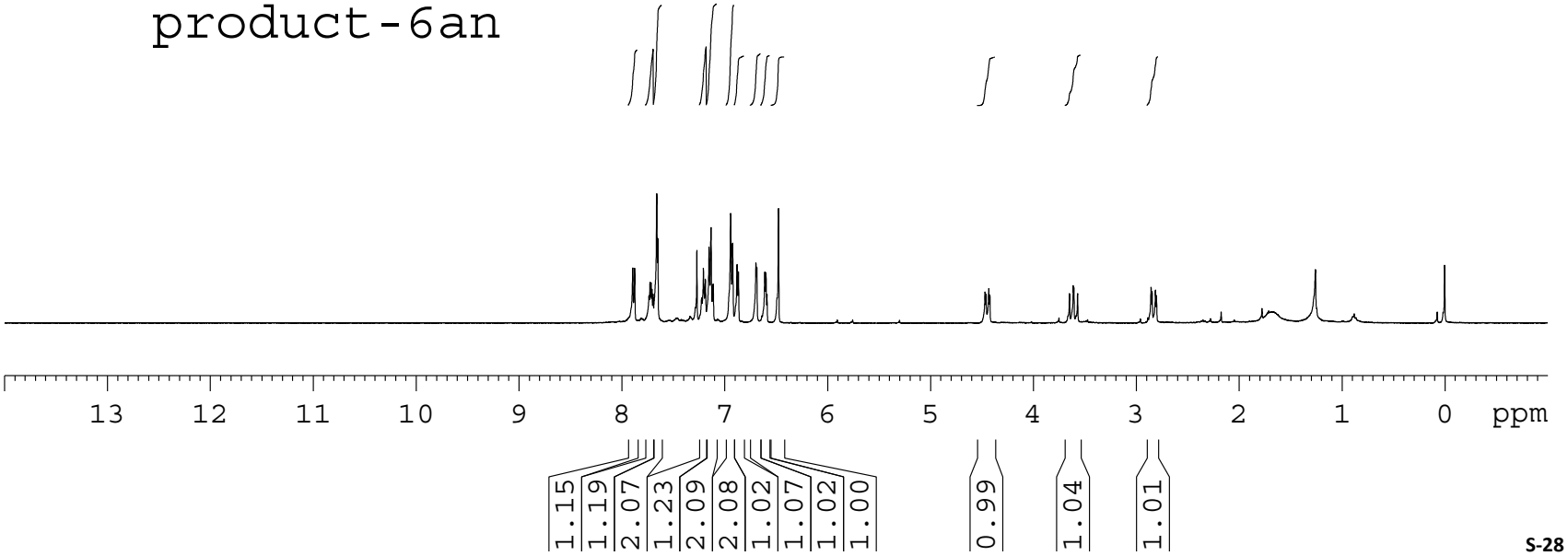

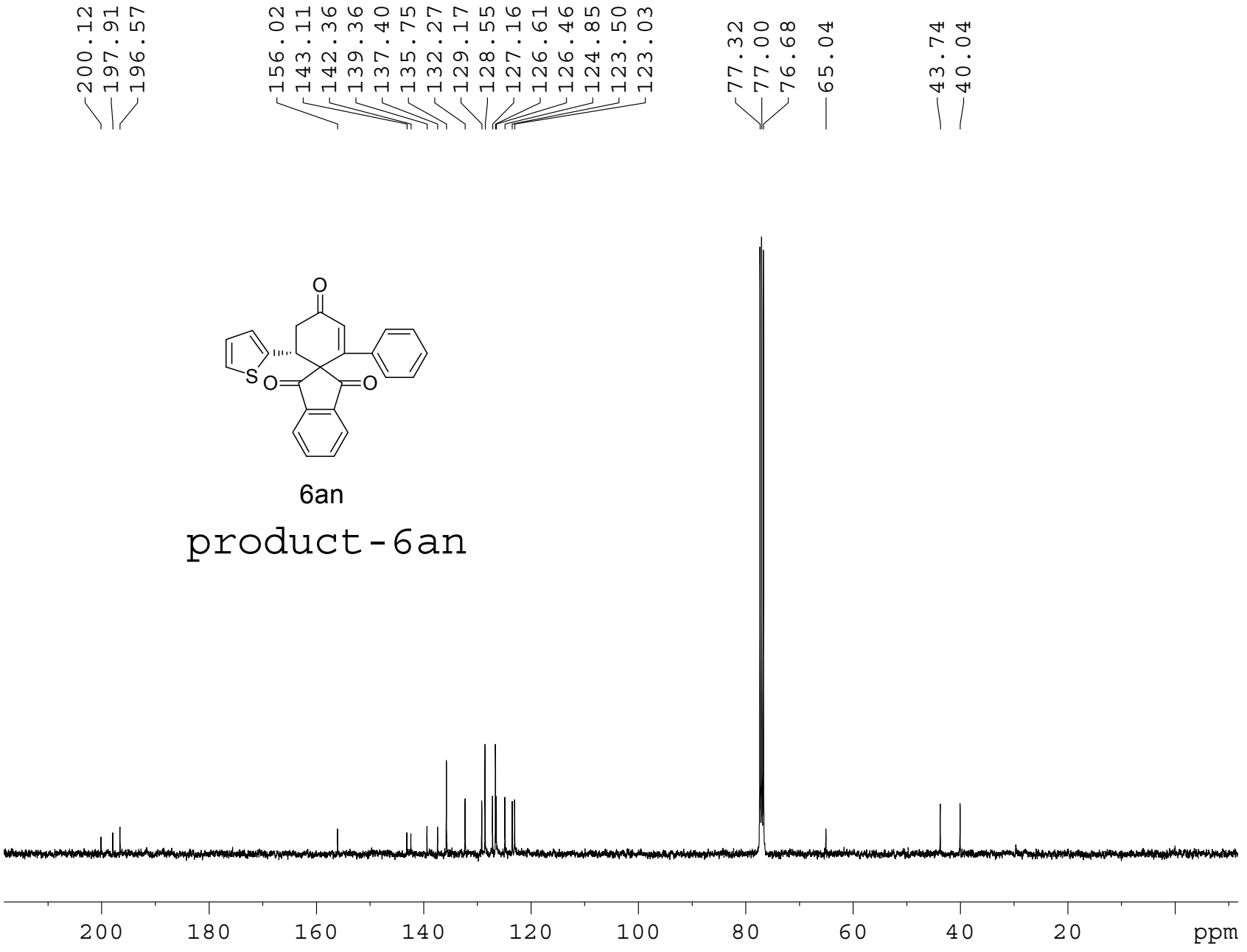

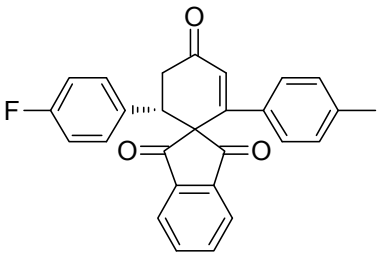


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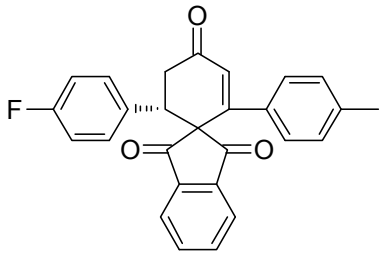


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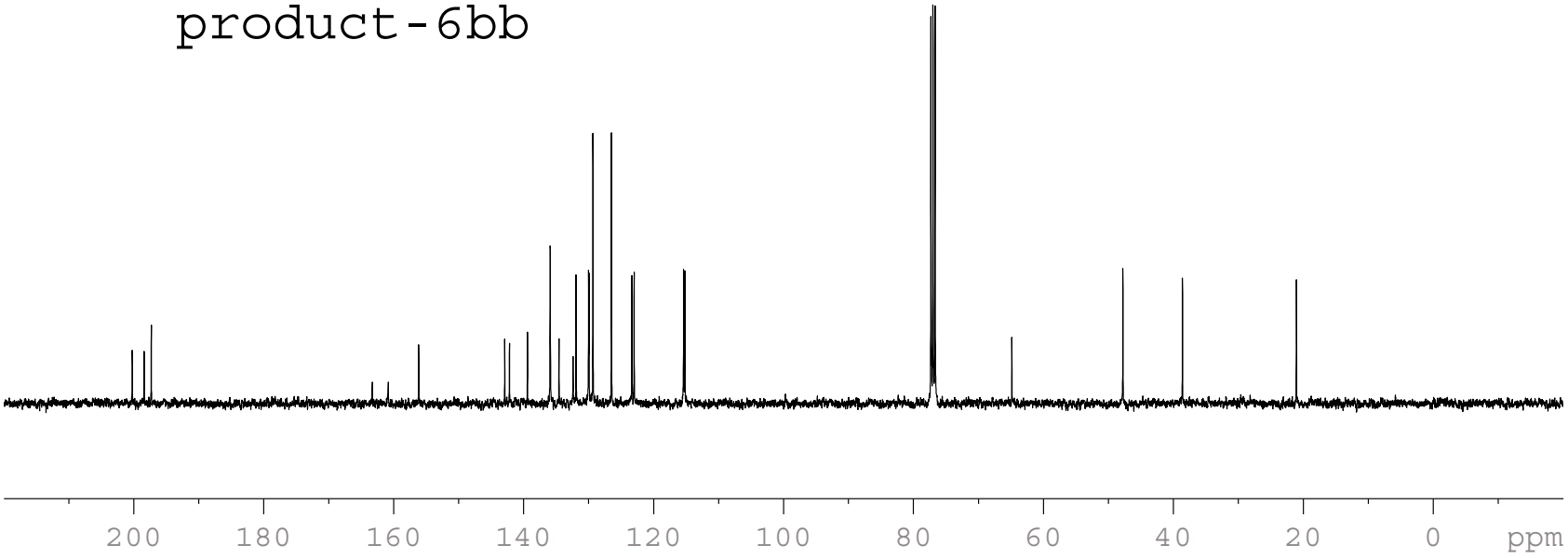

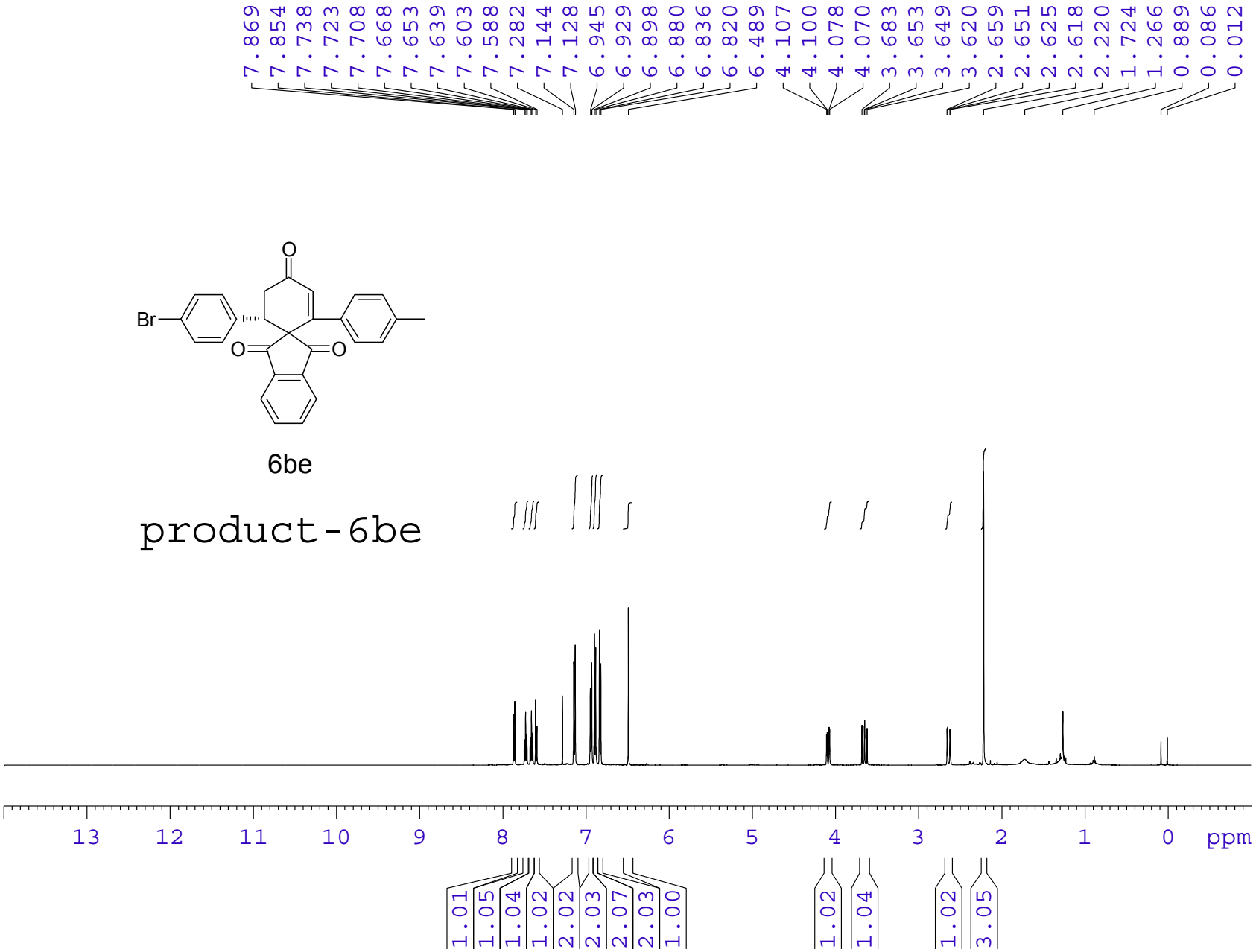

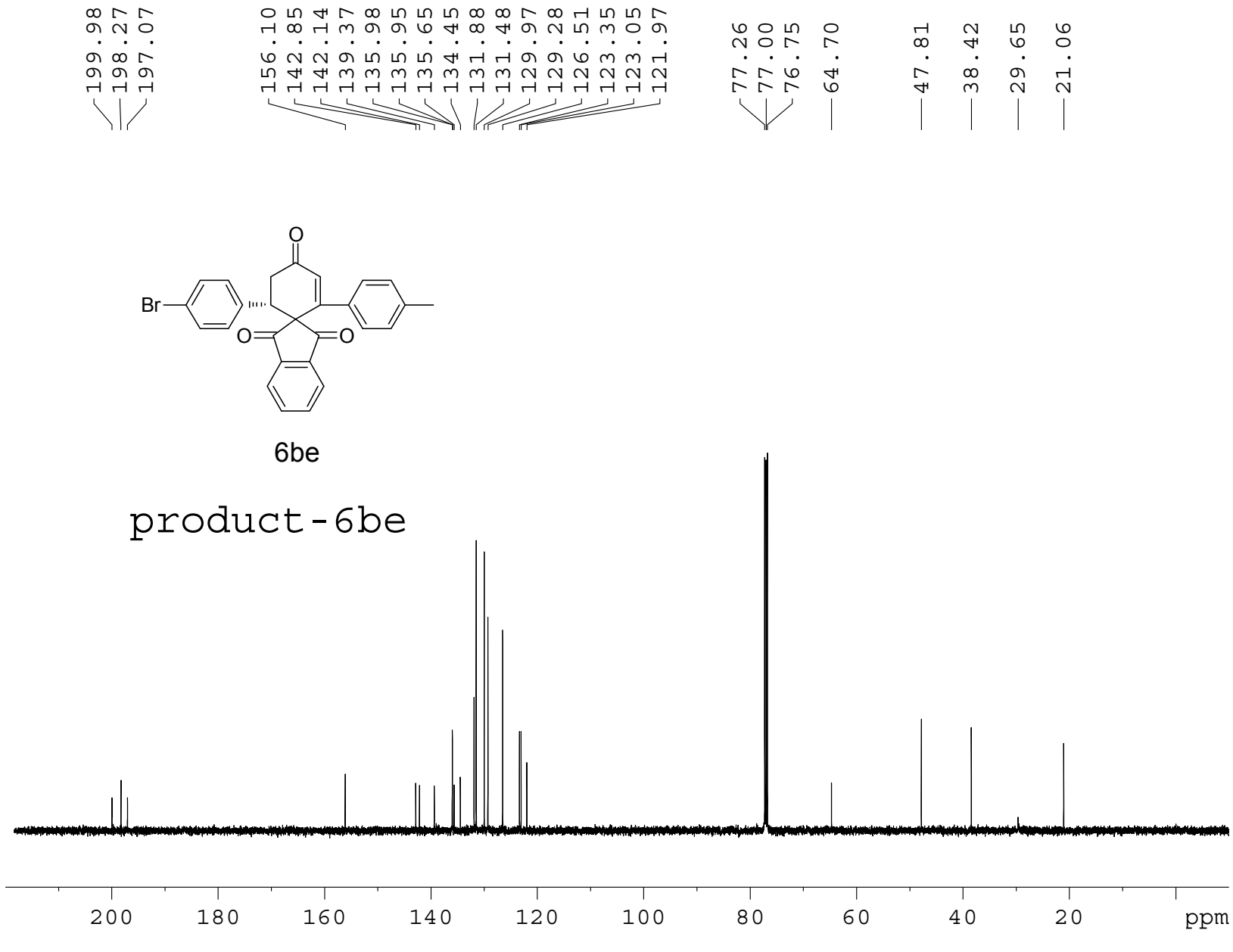

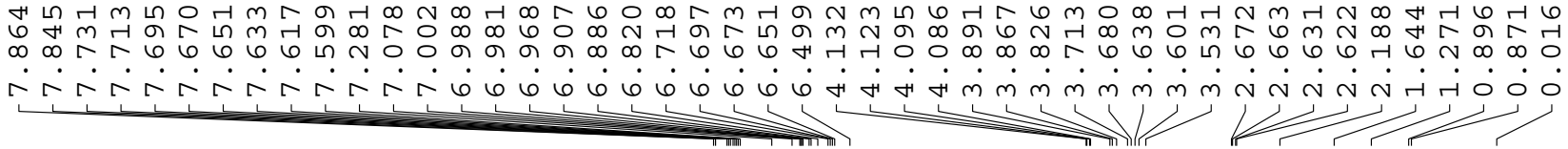


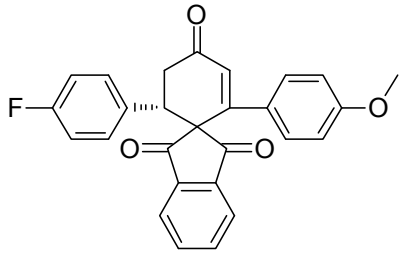


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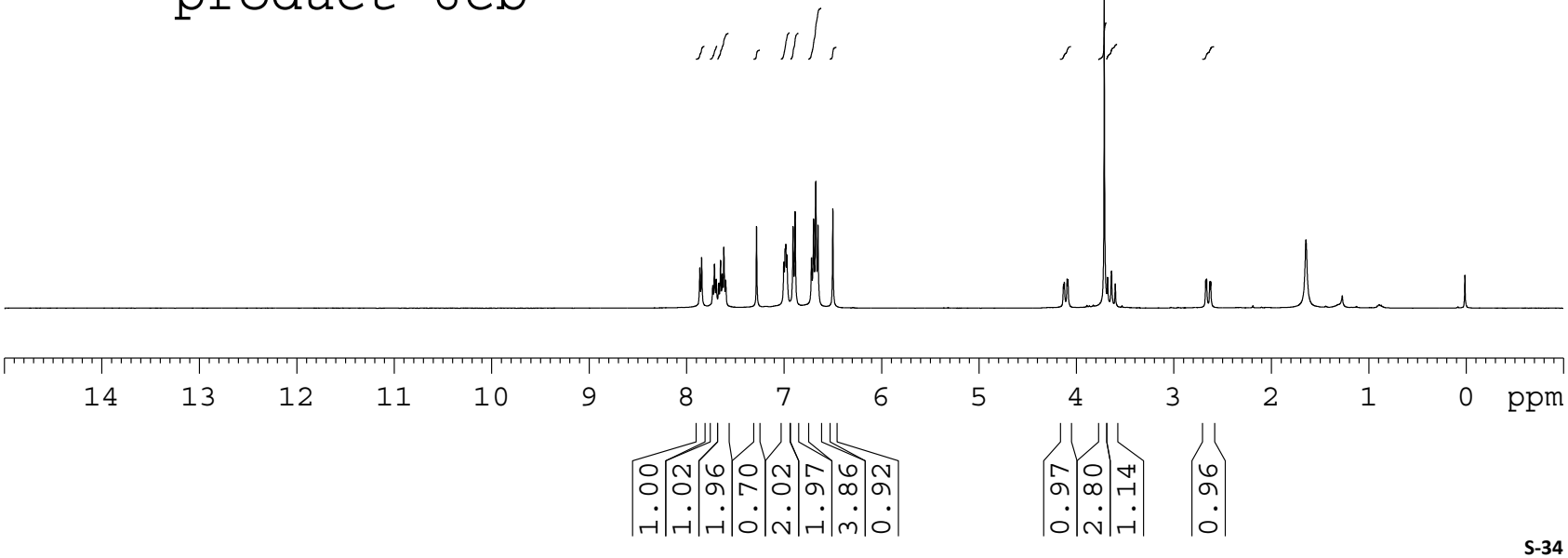

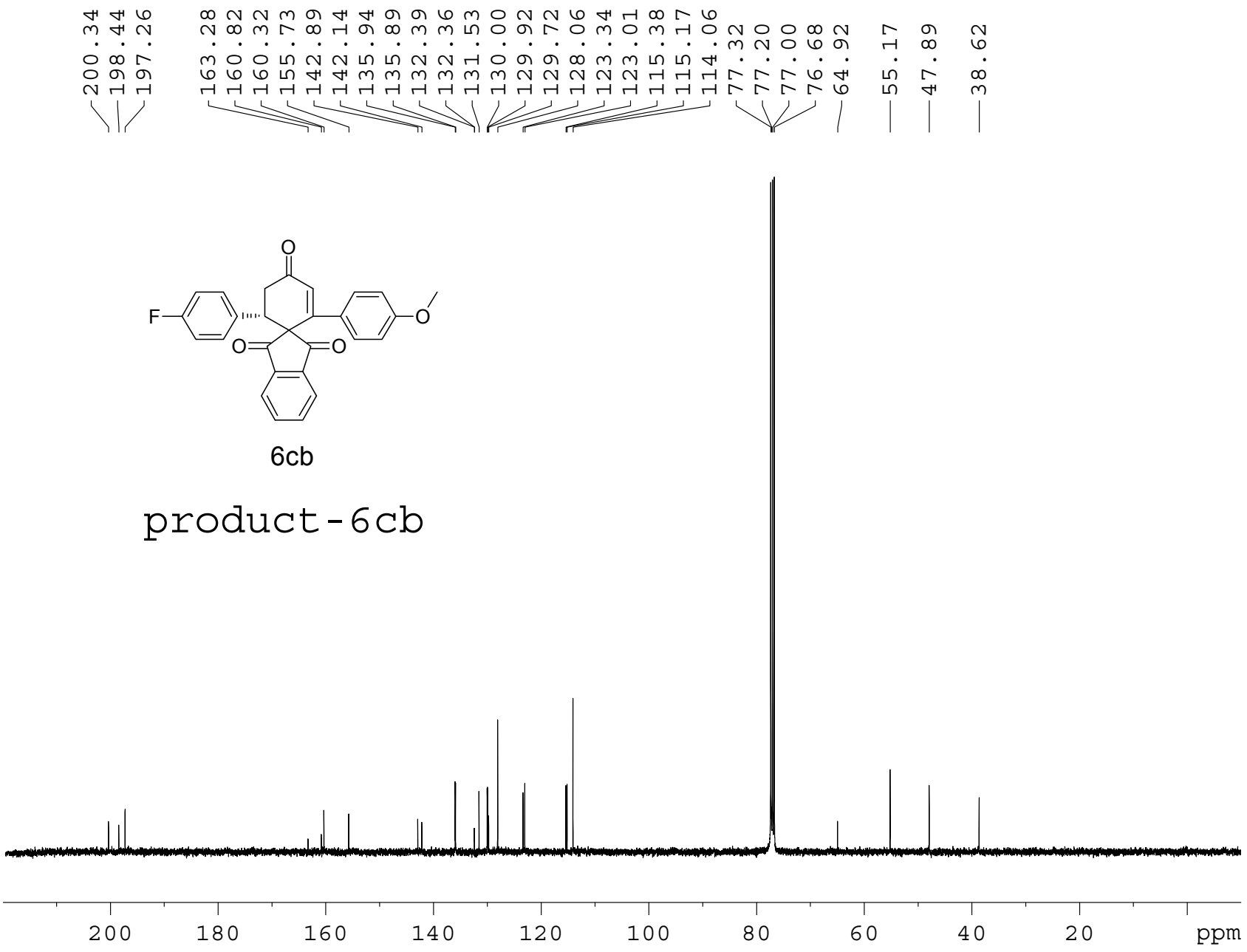

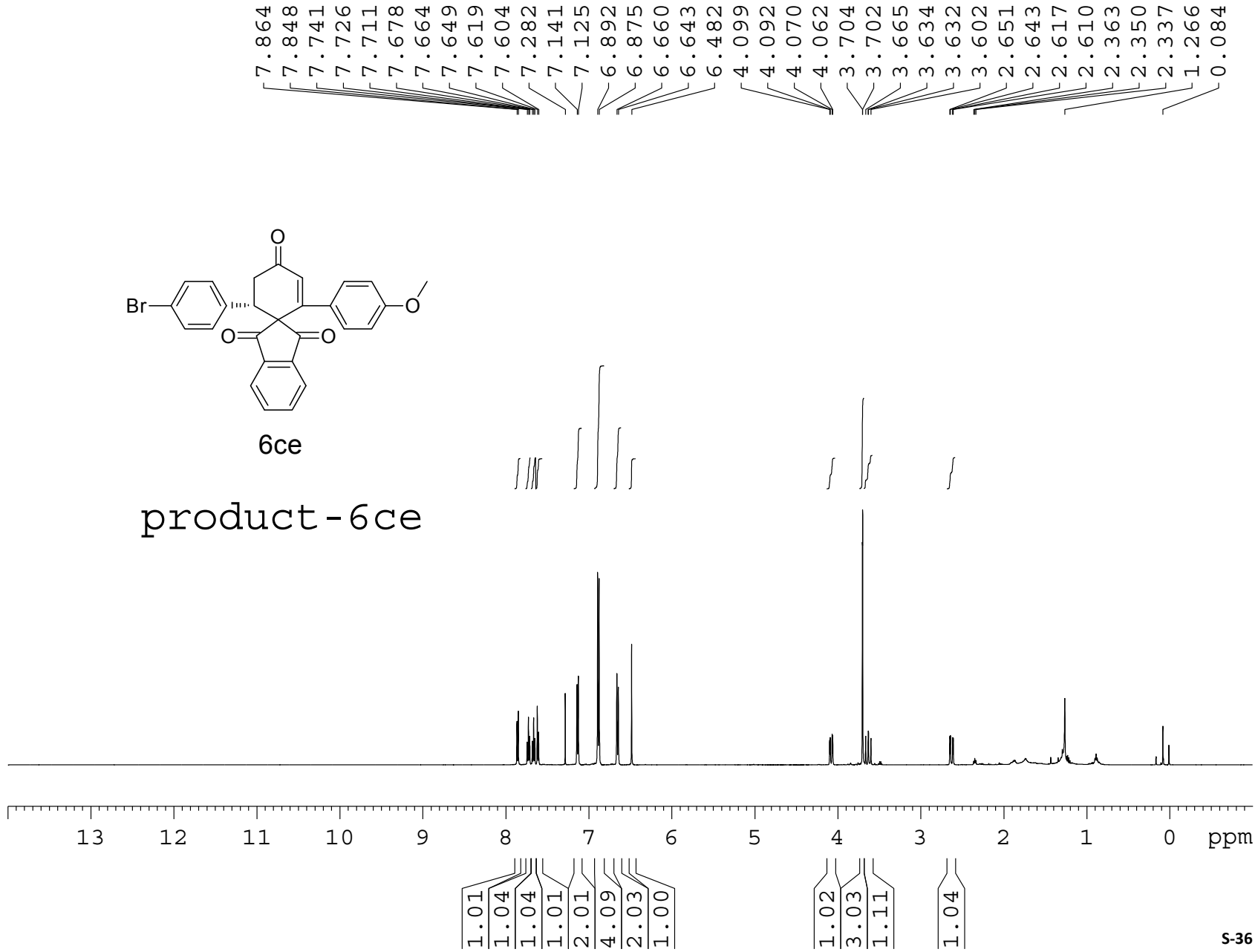

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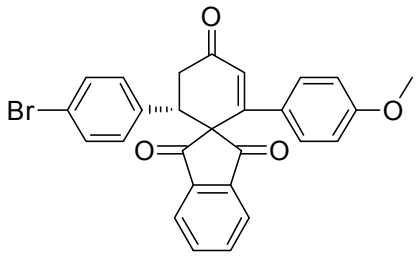


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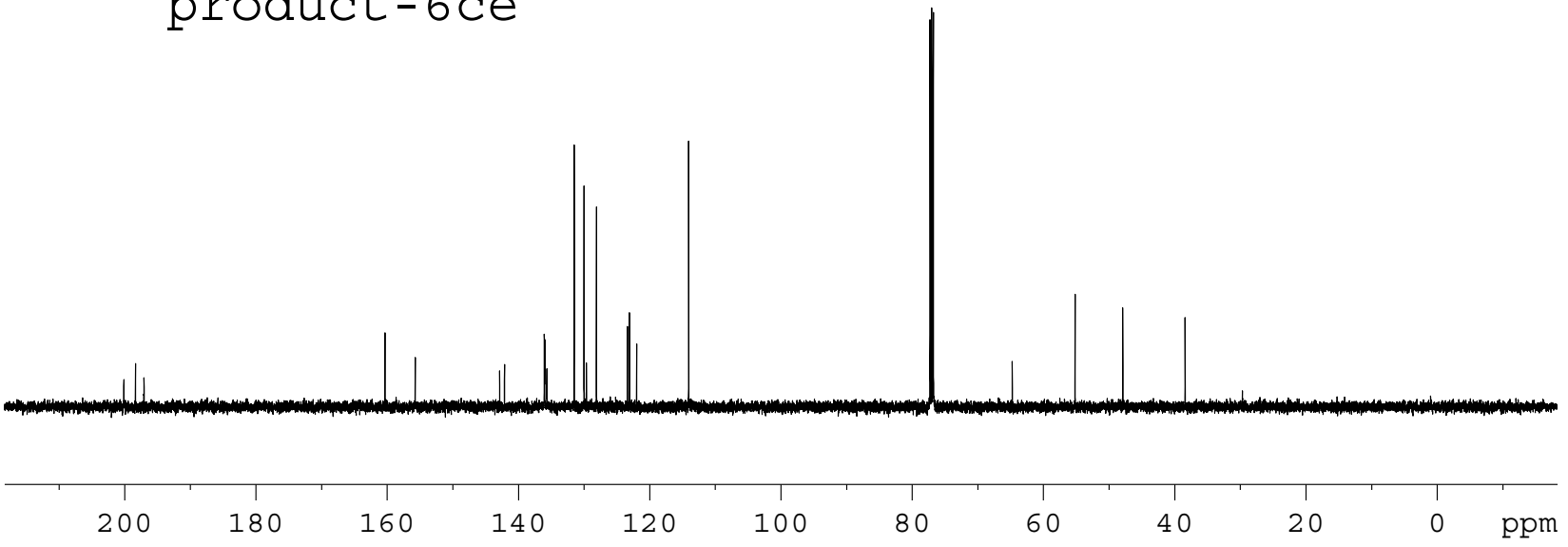

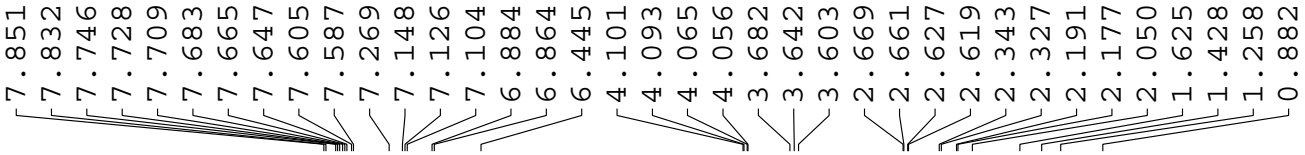


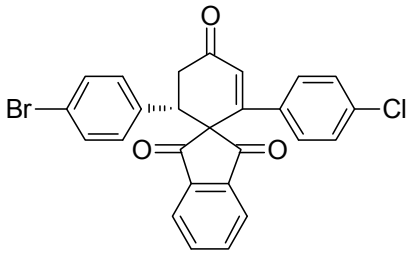


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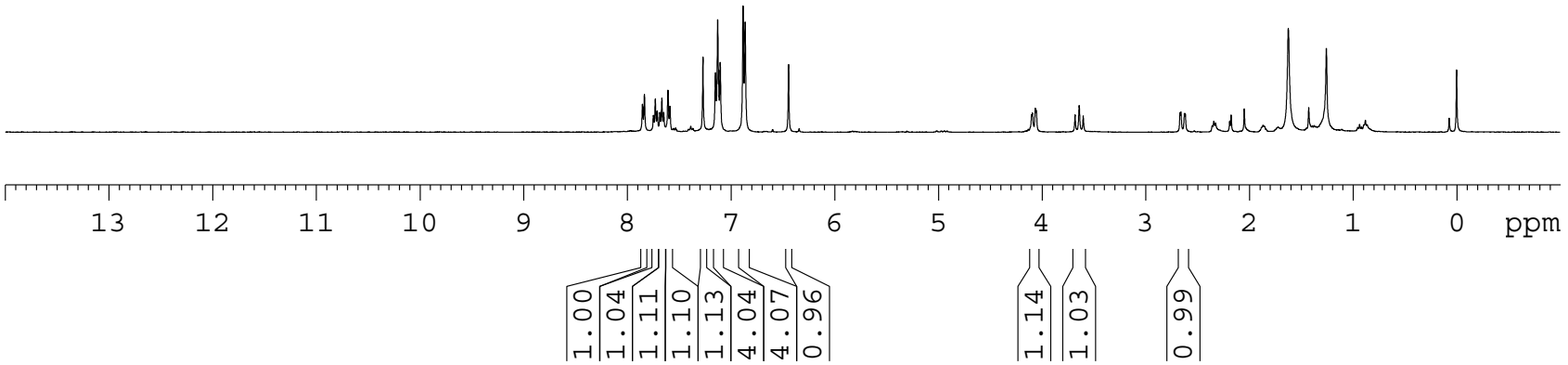

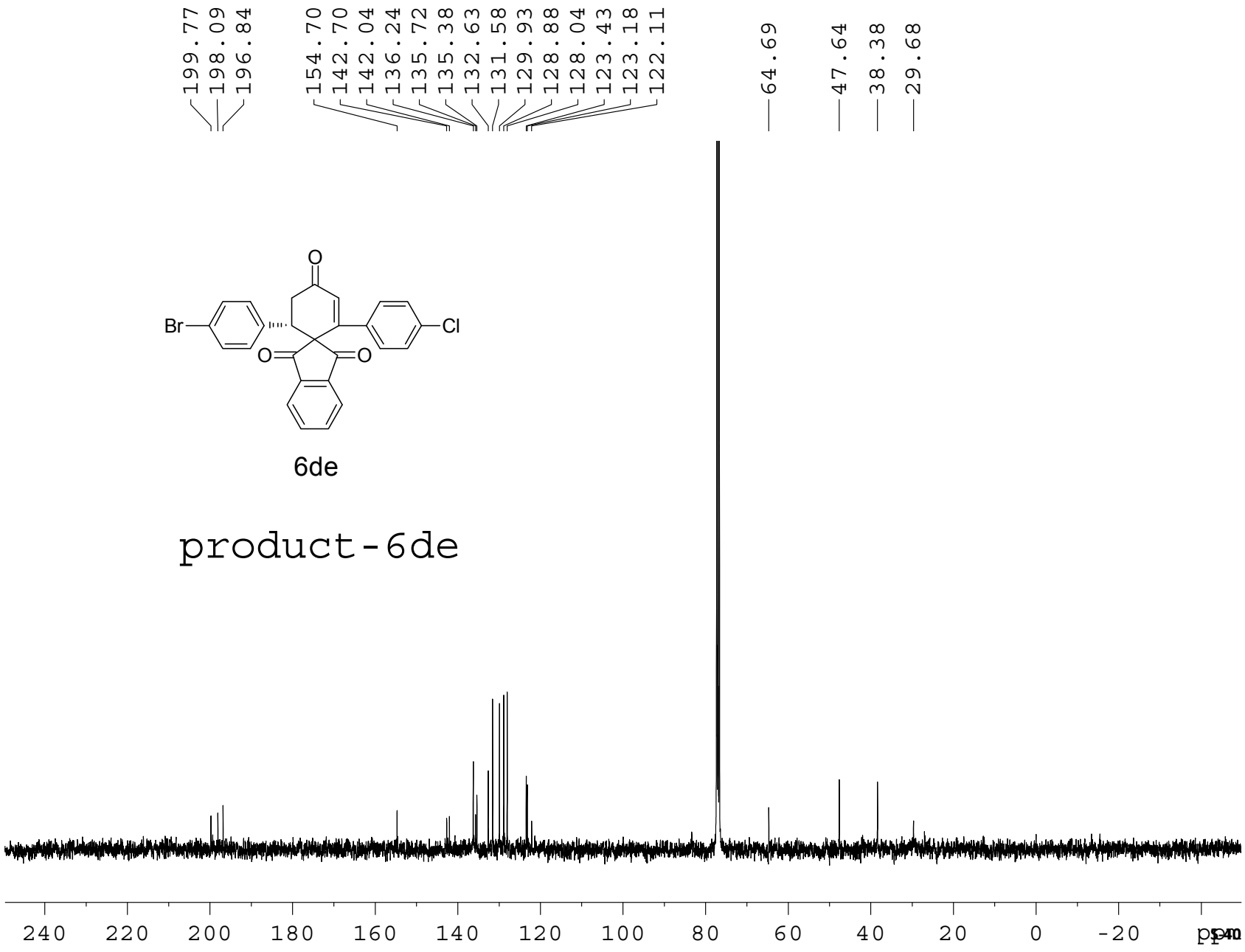

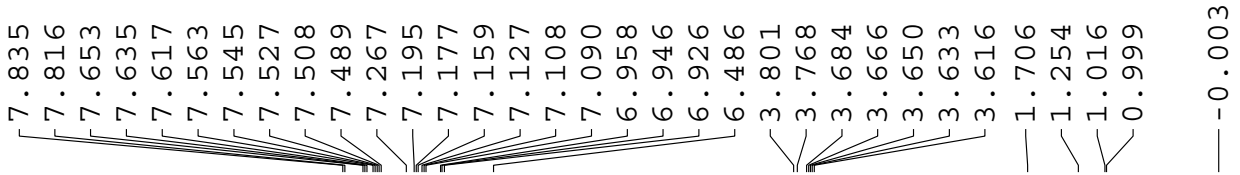


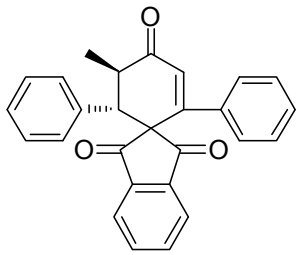

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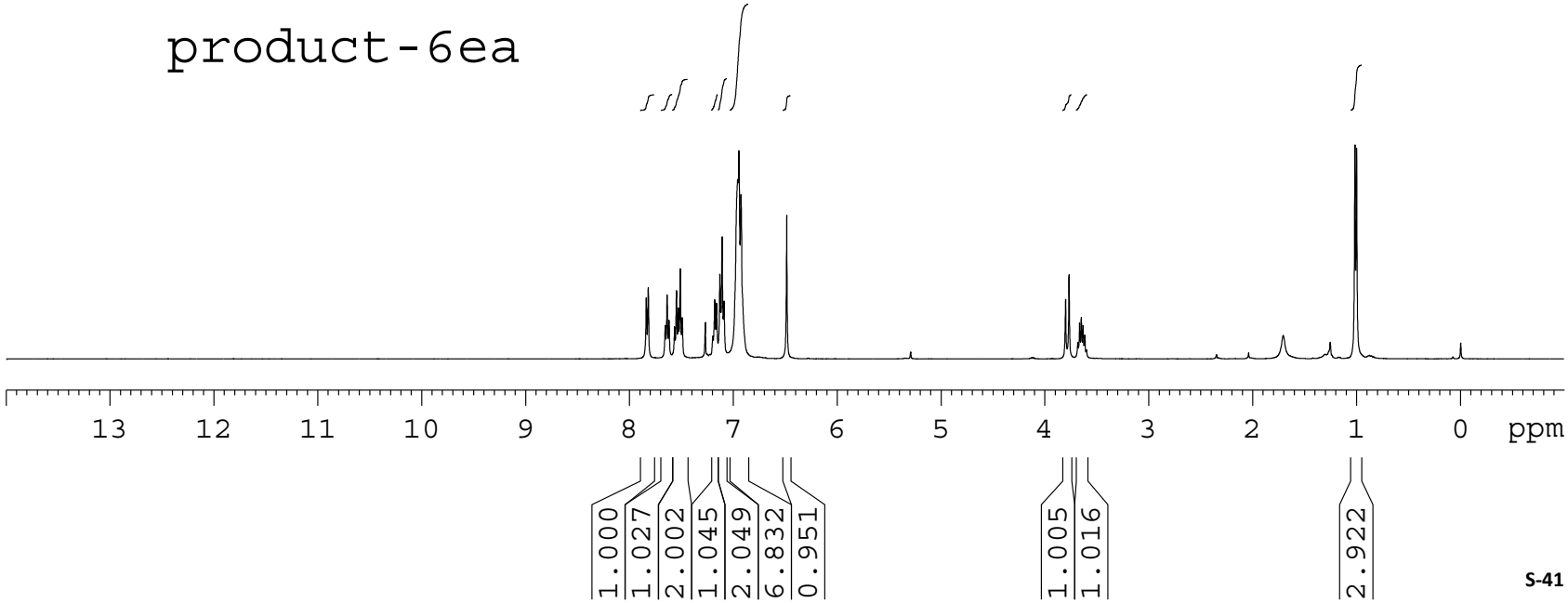

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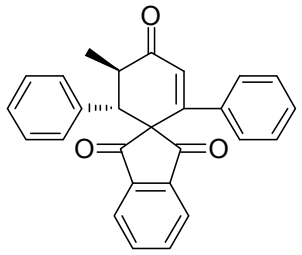

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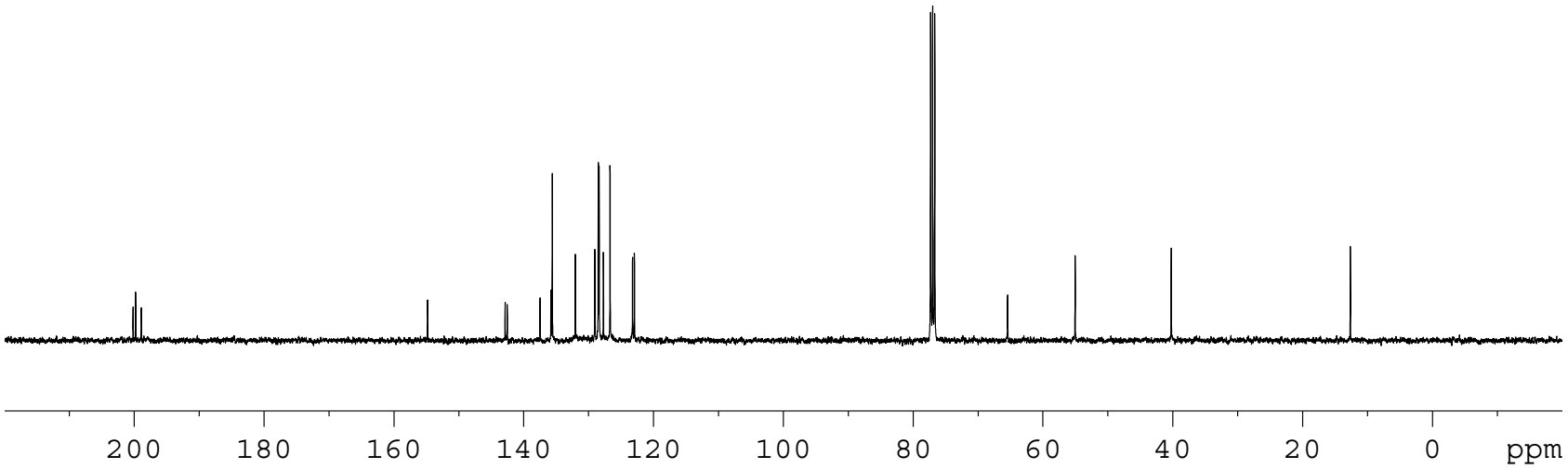

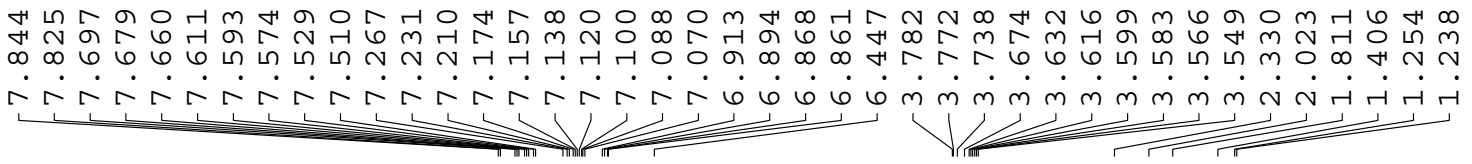


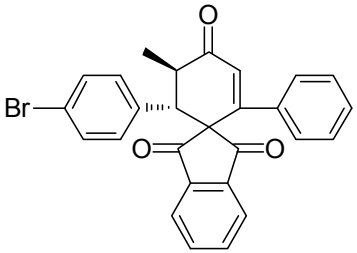


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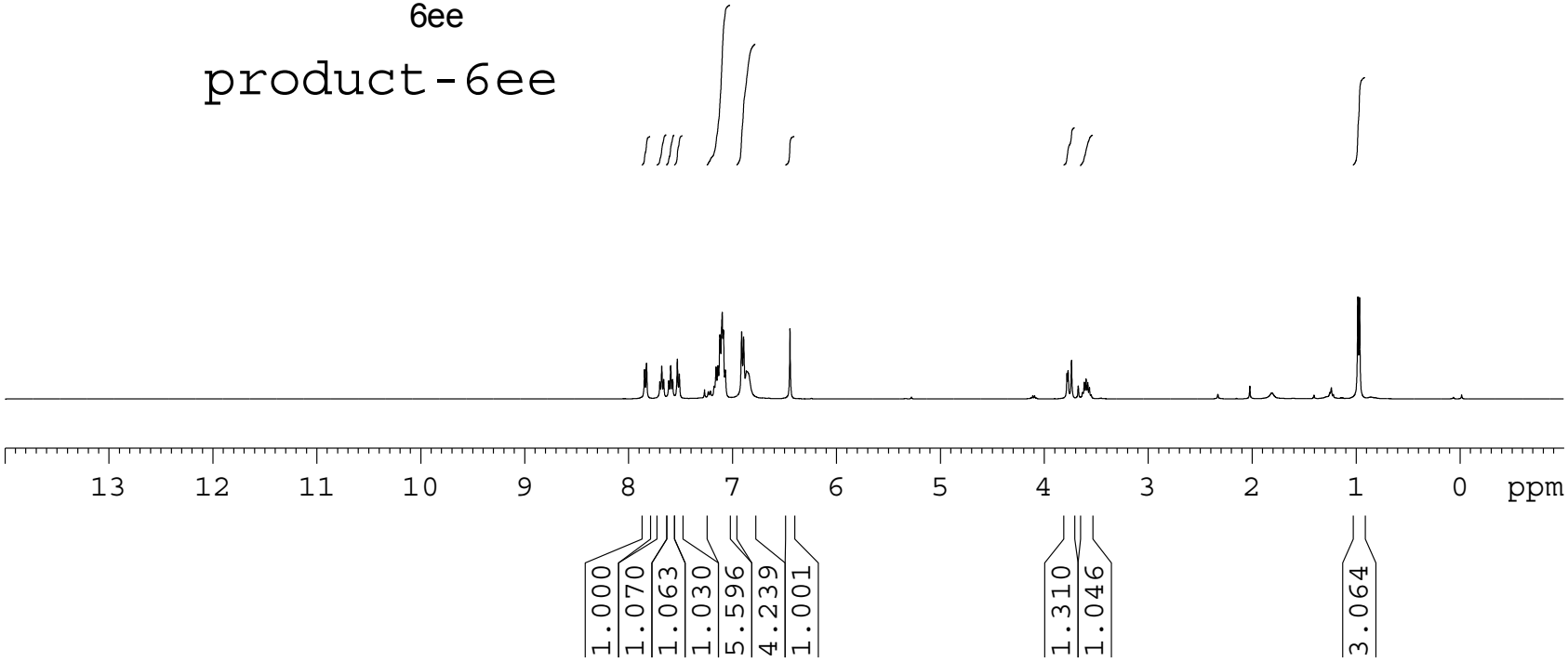

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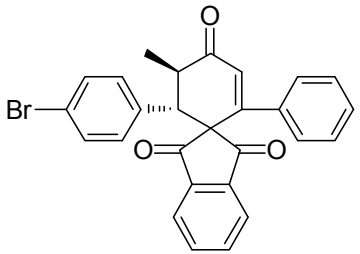


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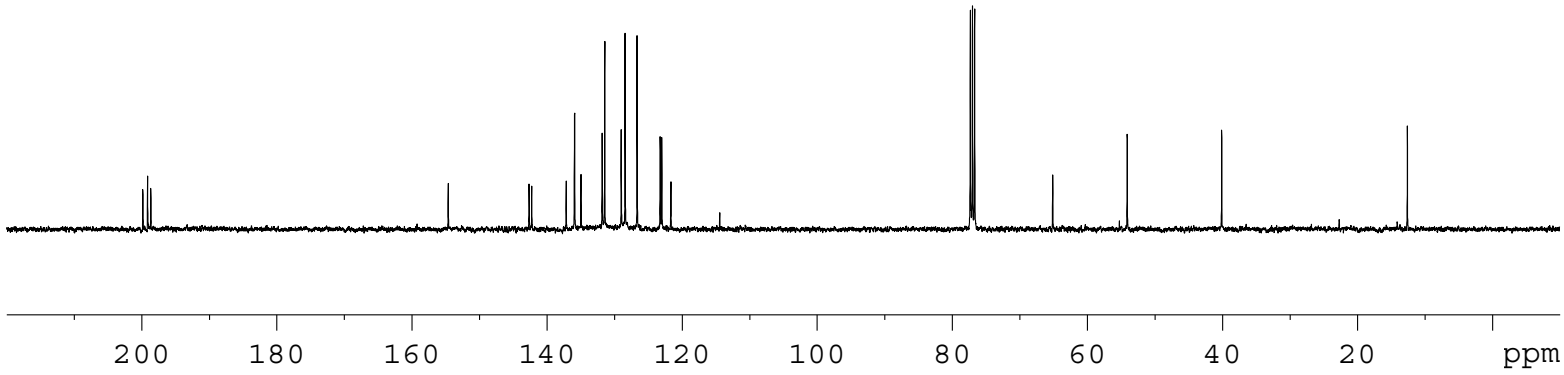

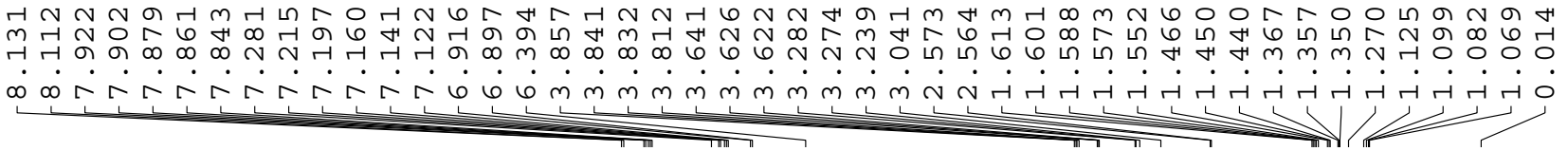


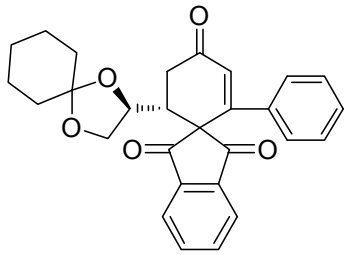

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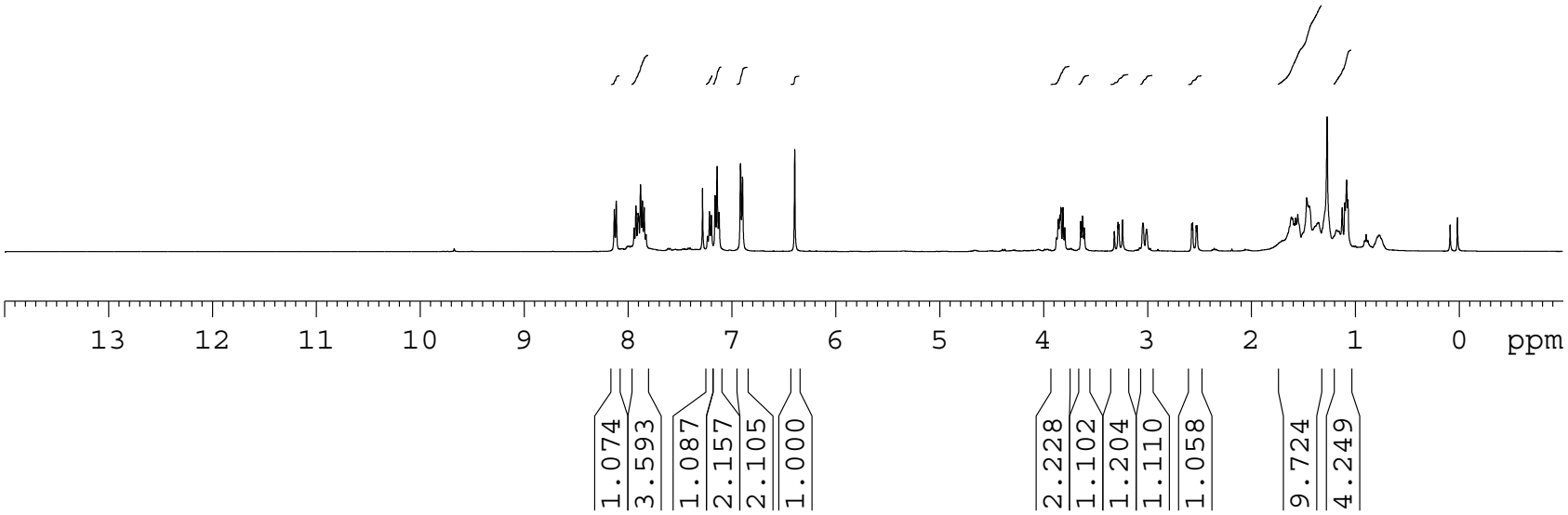

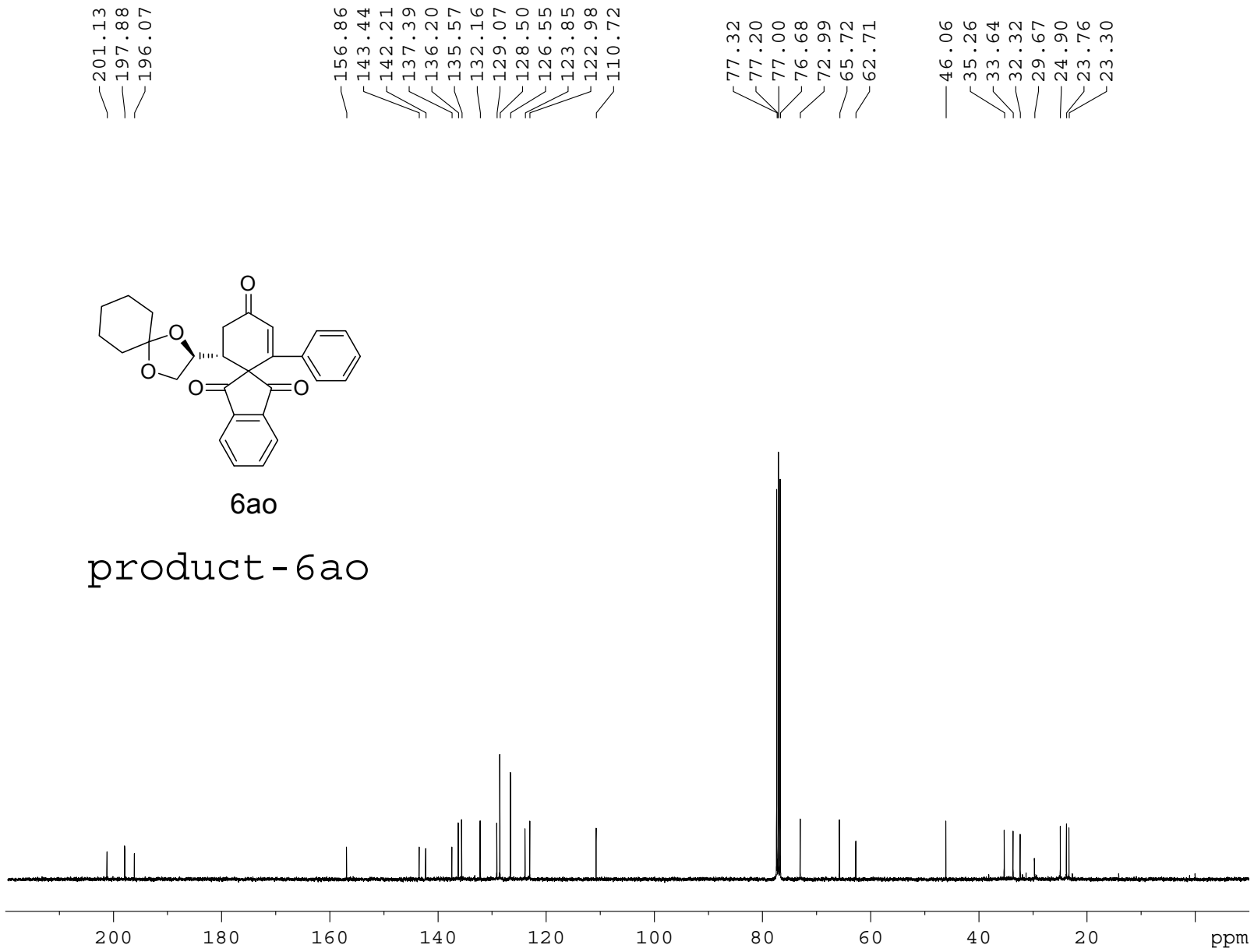

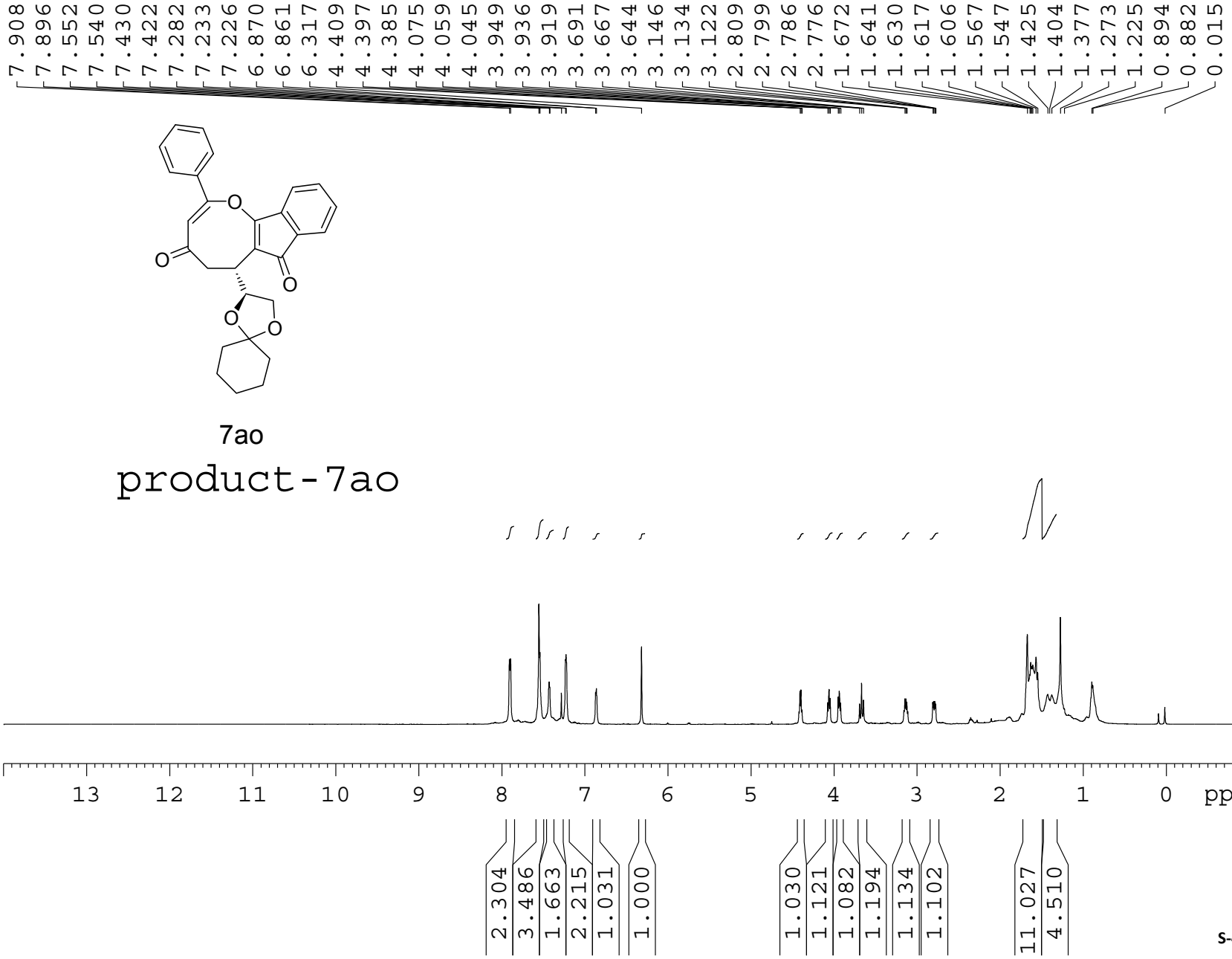

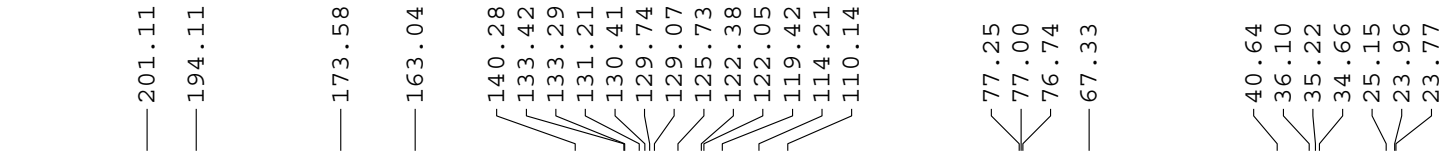


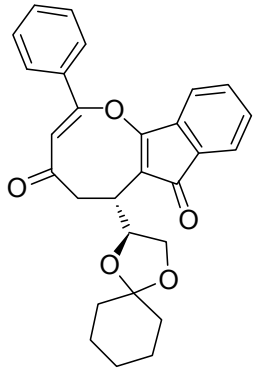

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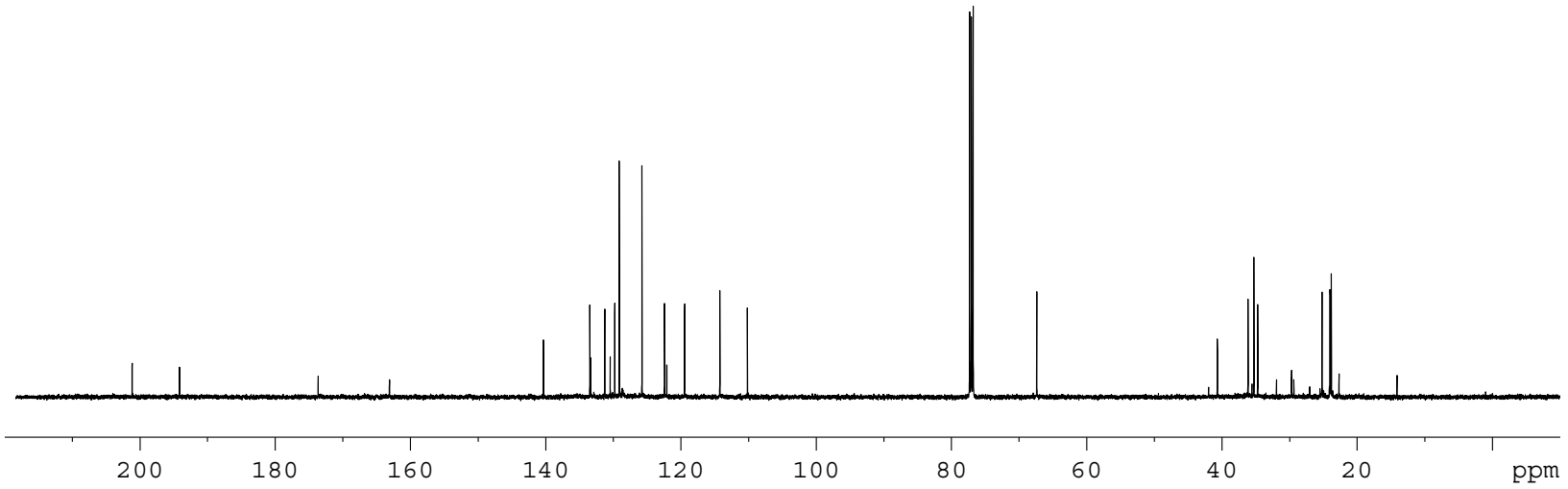

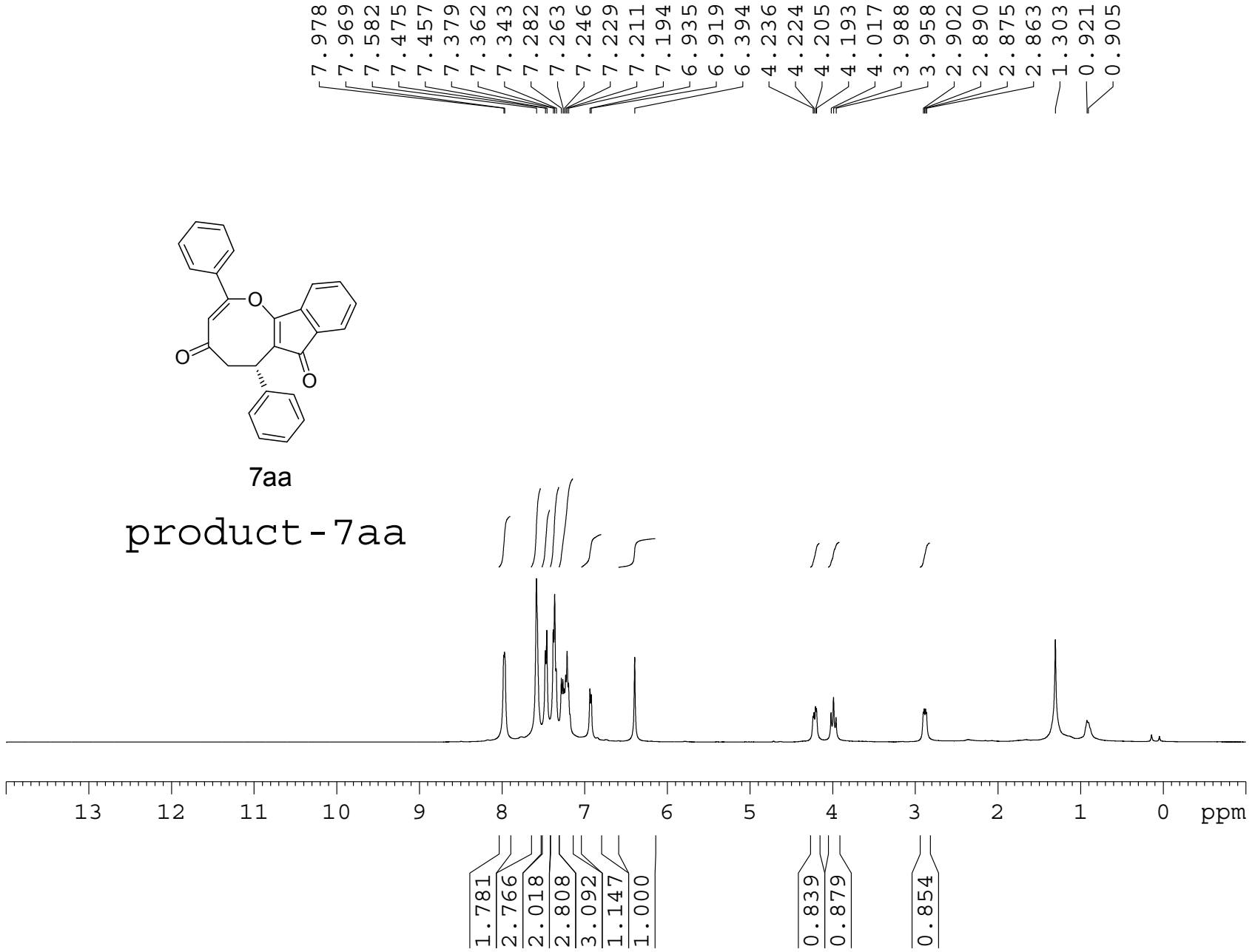

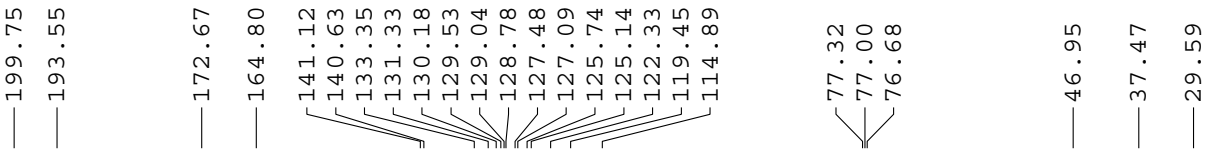


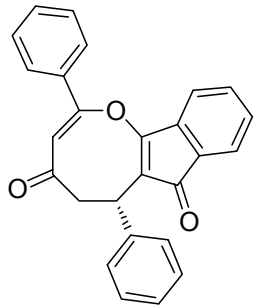


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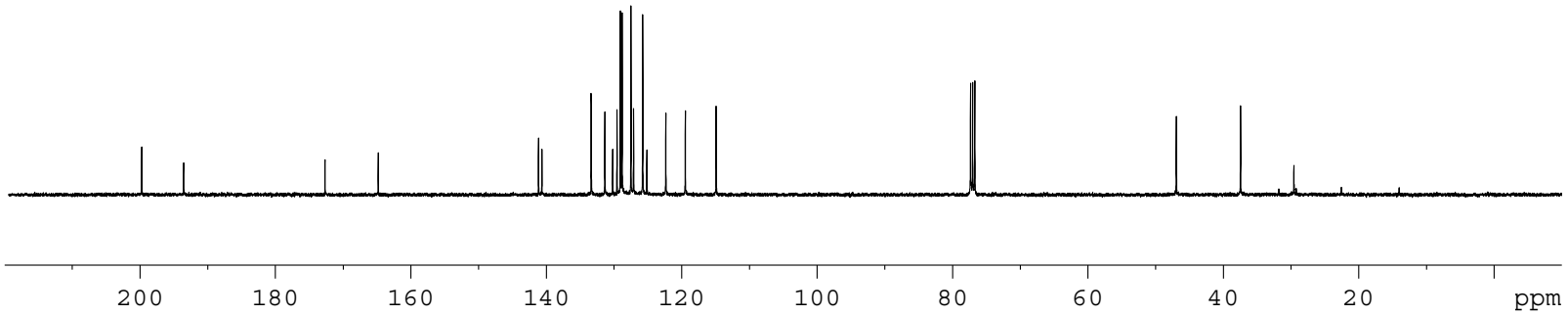

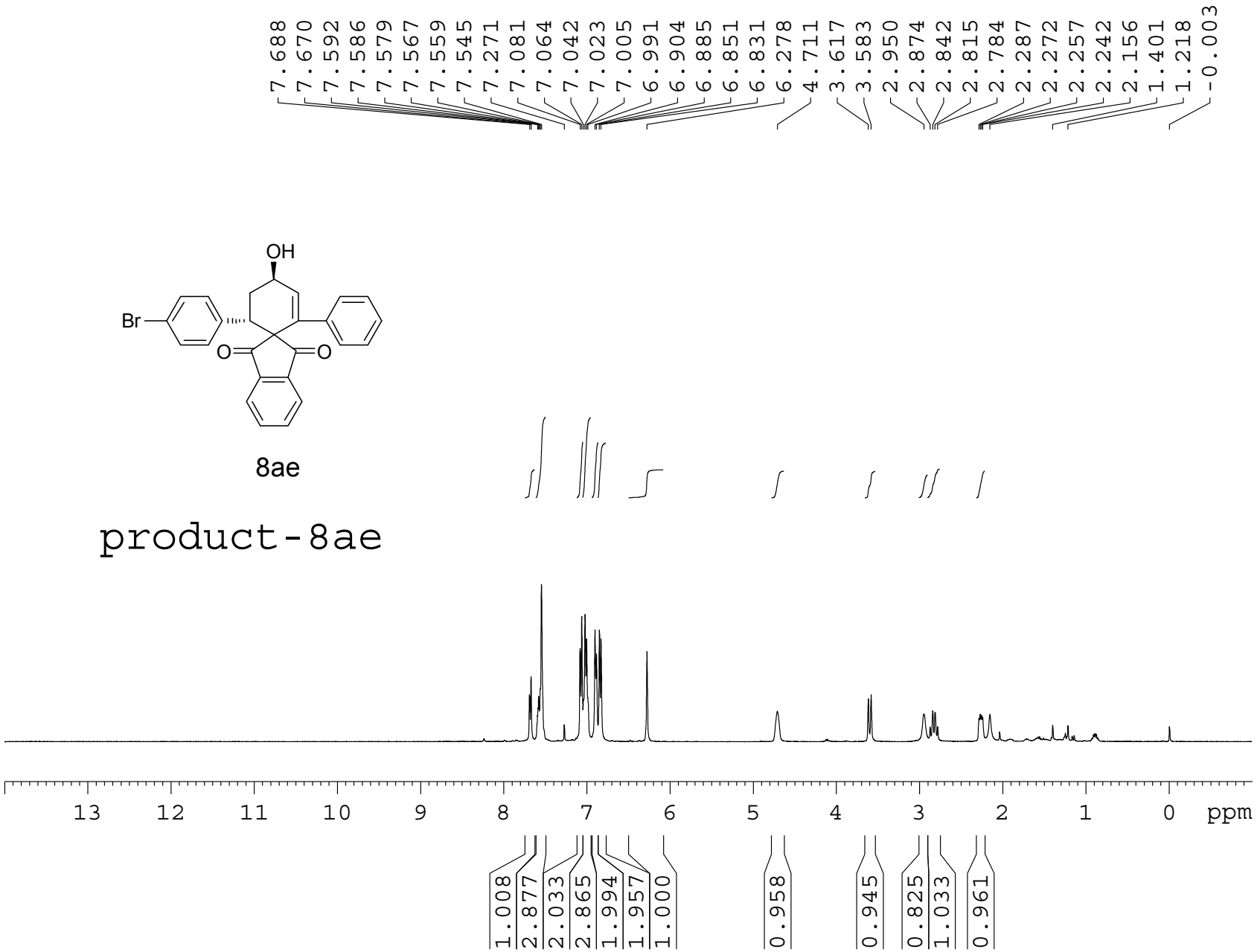

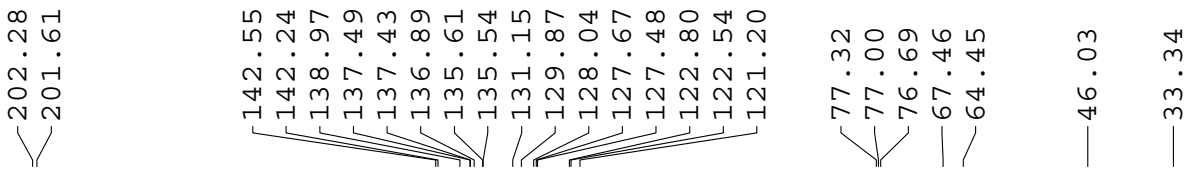


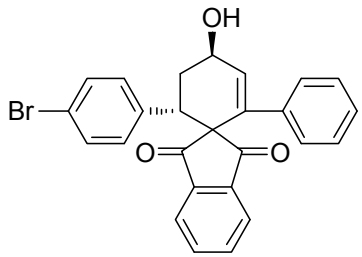


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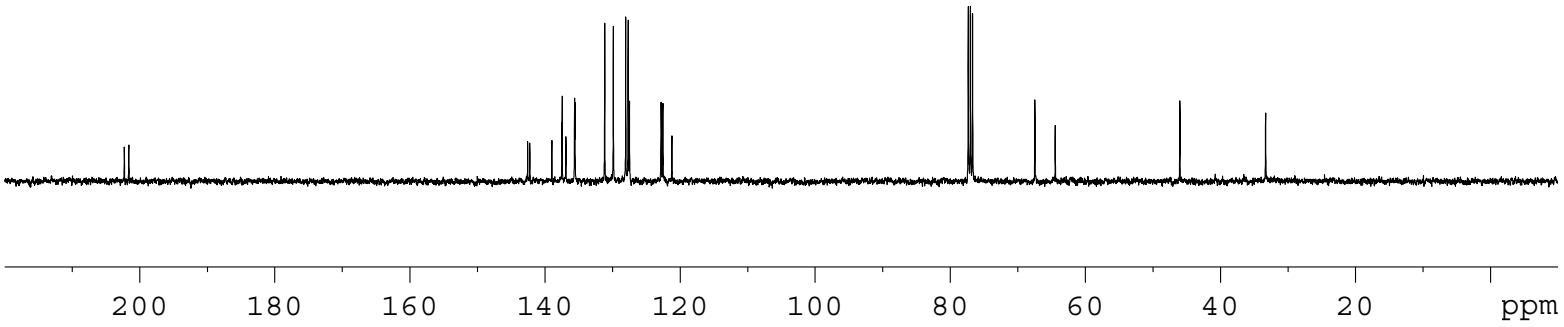

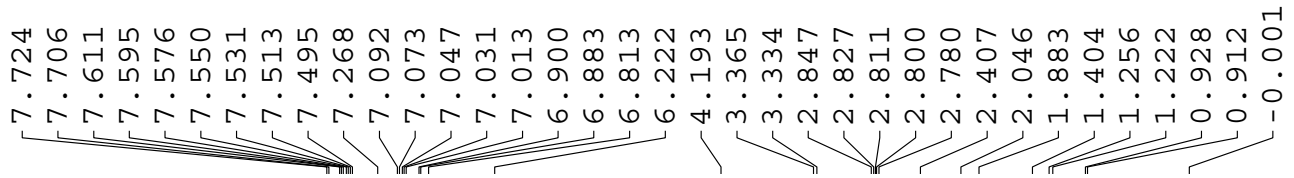


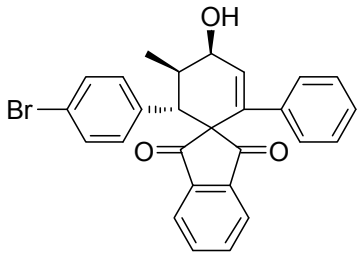


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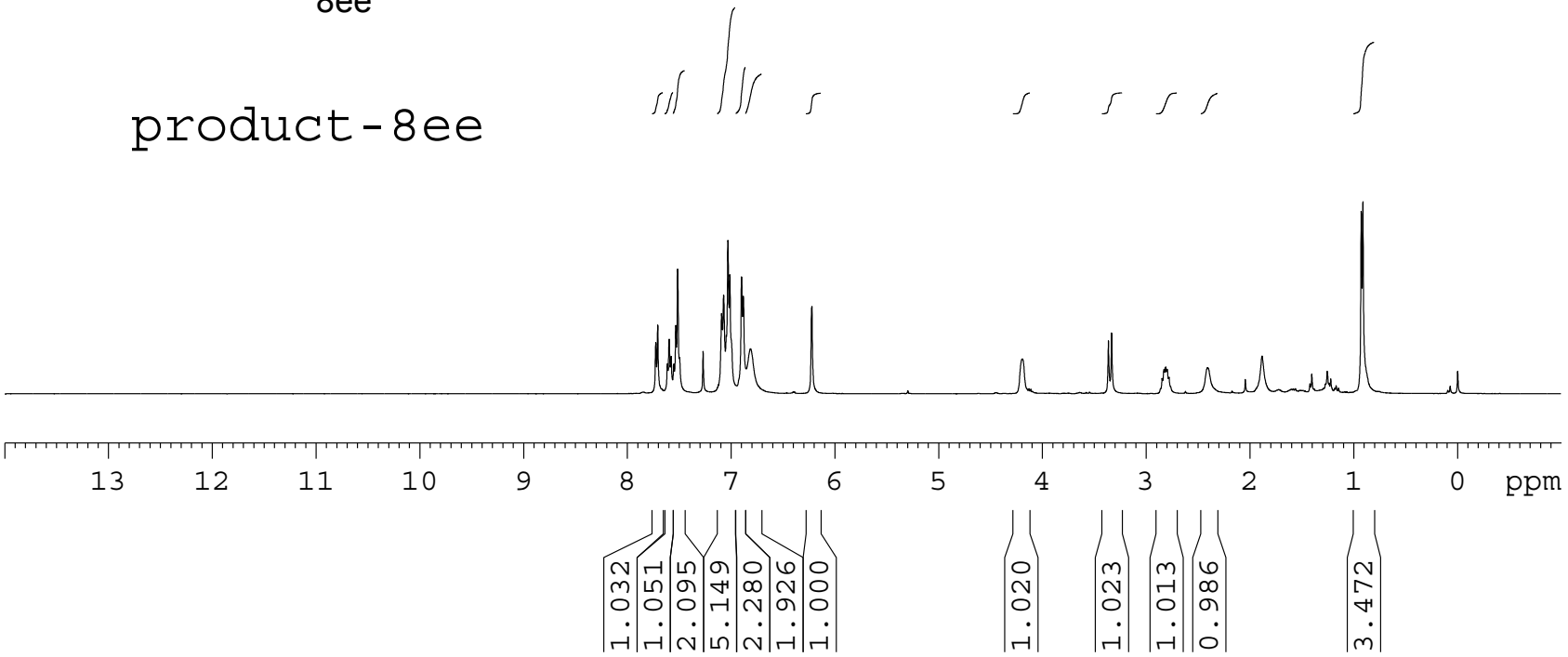

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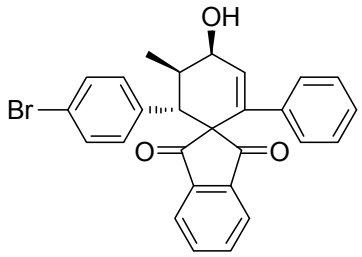


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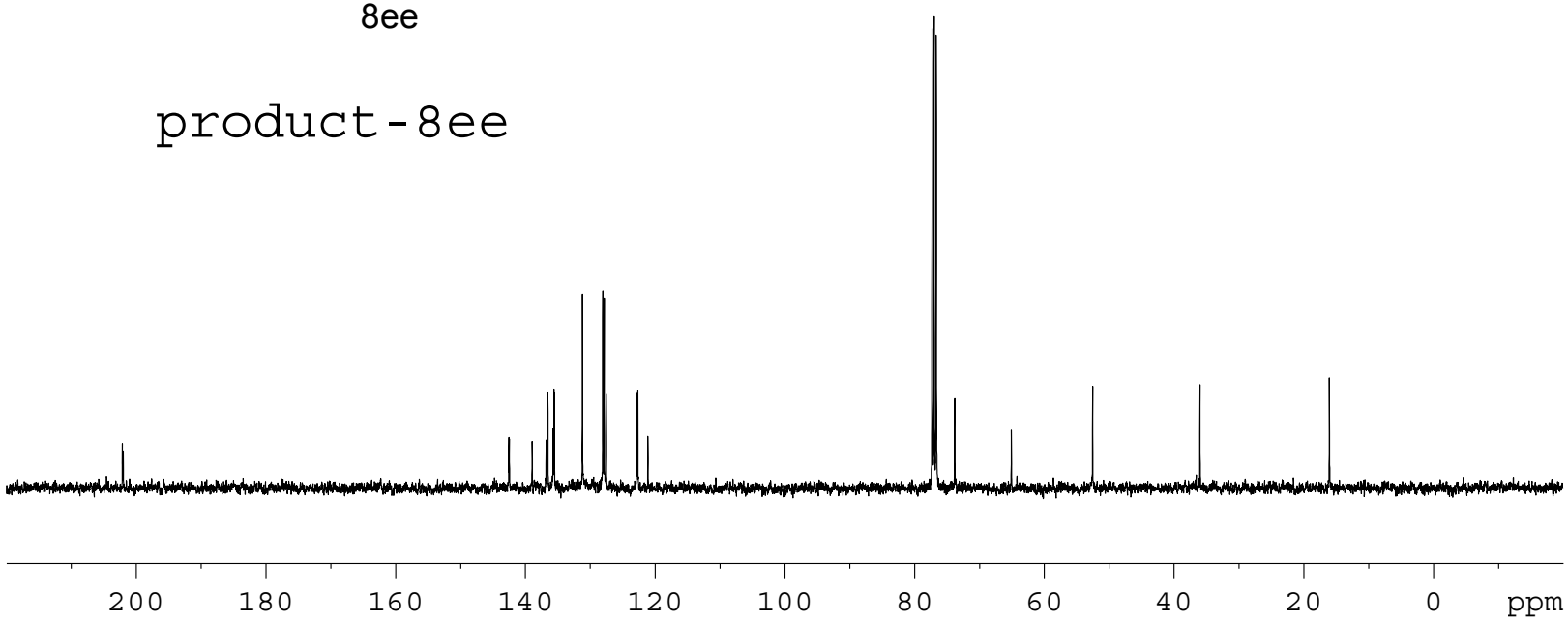

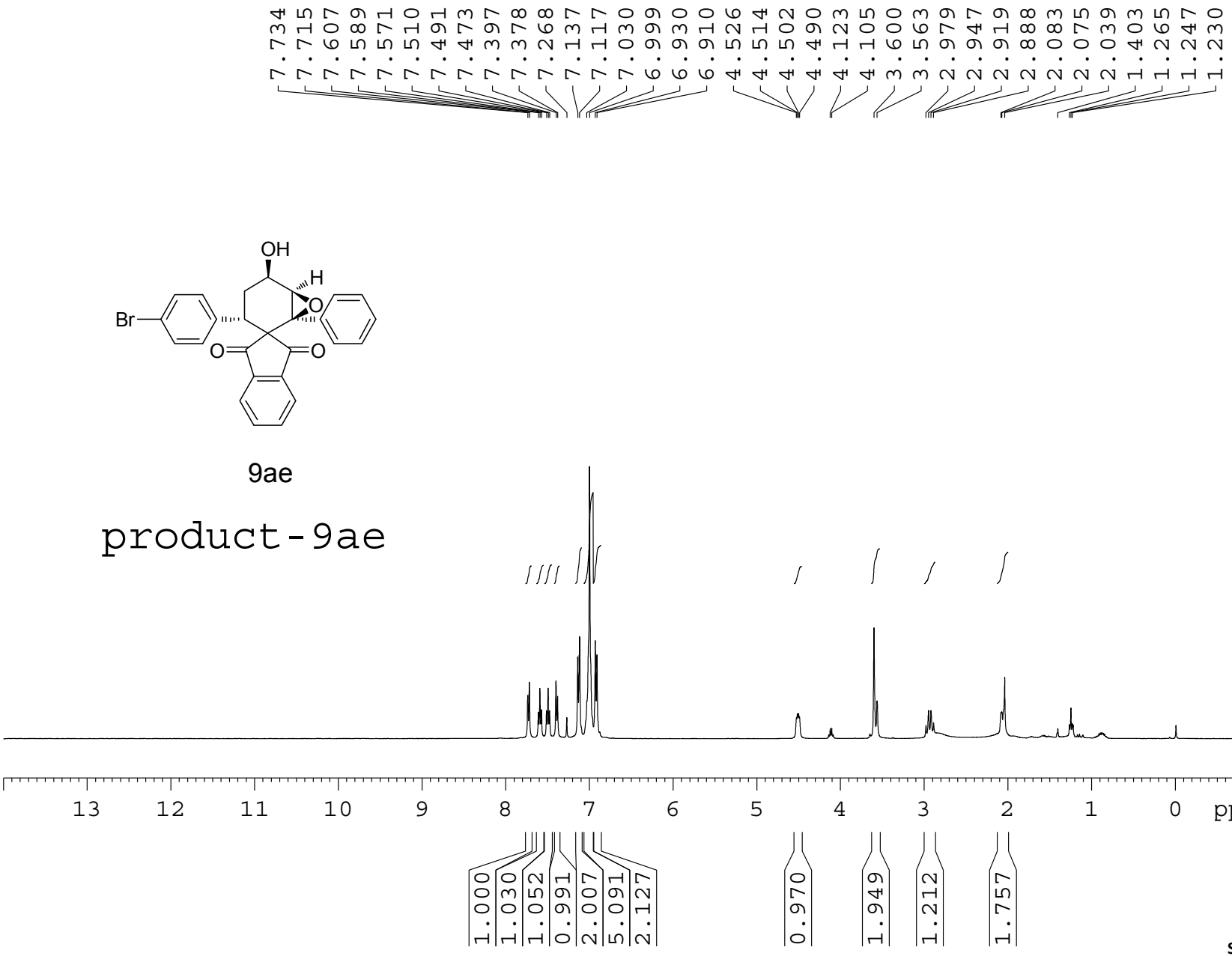

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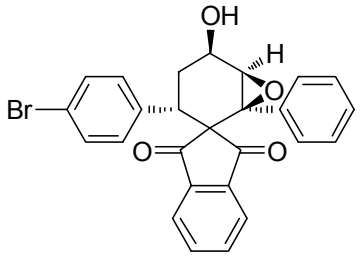


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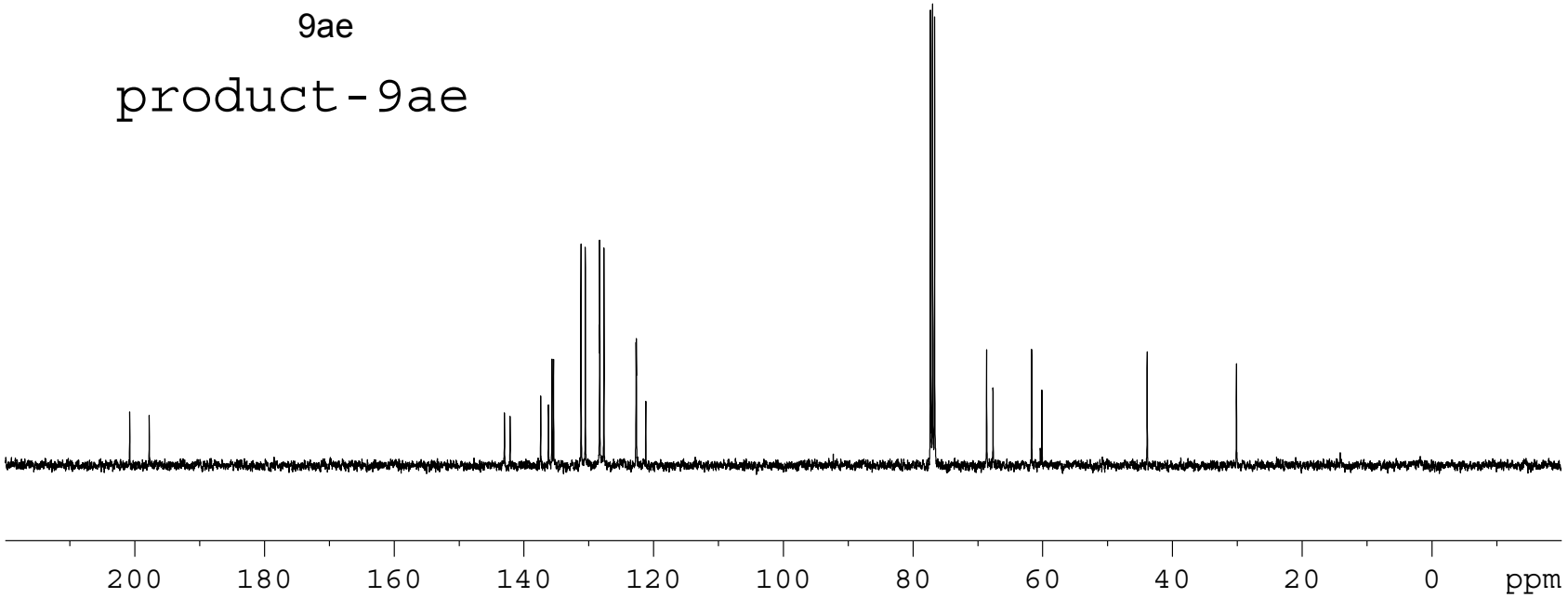

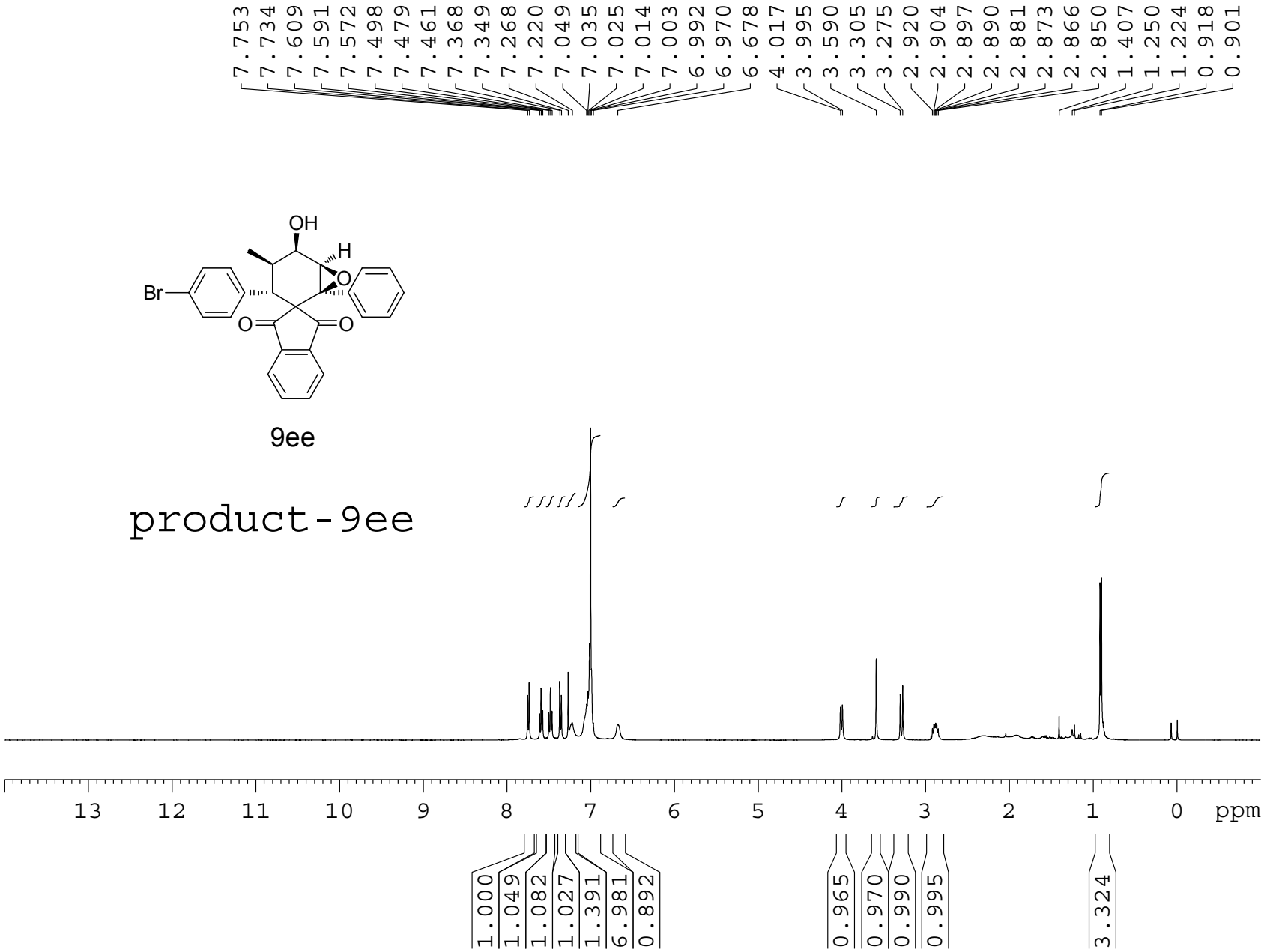

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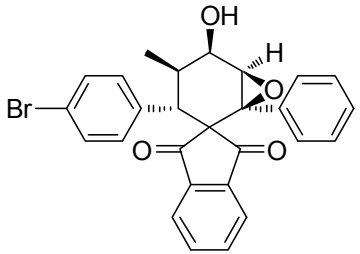


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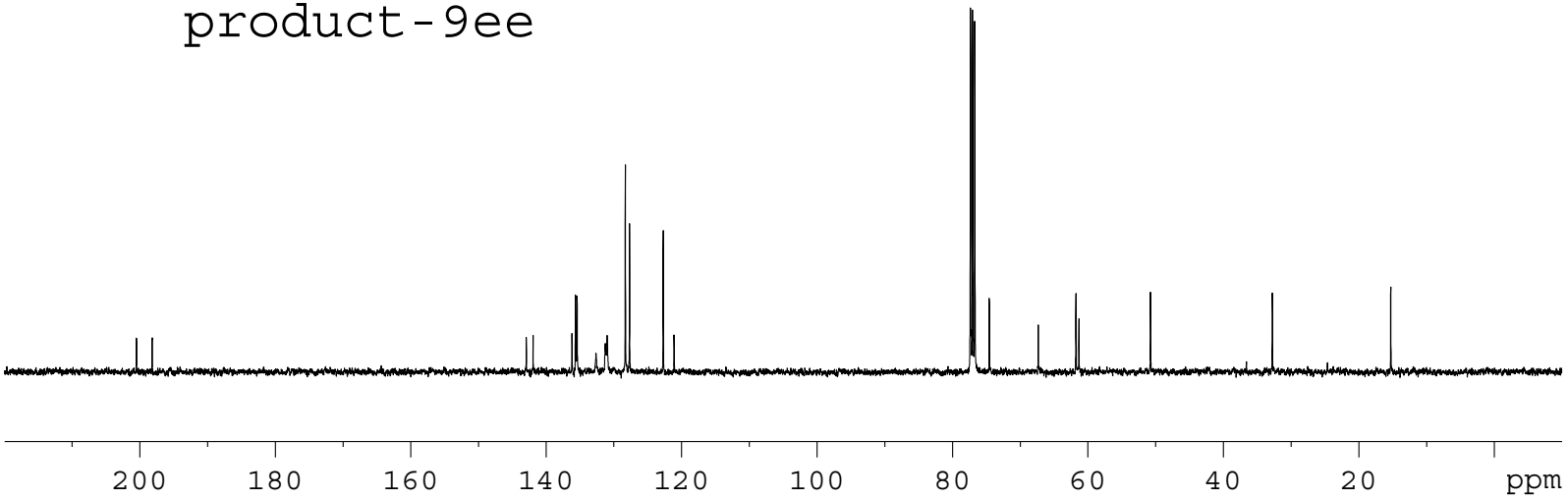

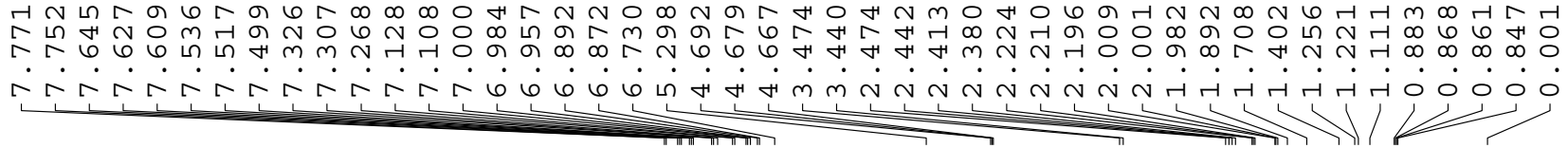


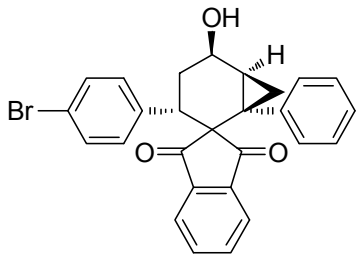


10ae

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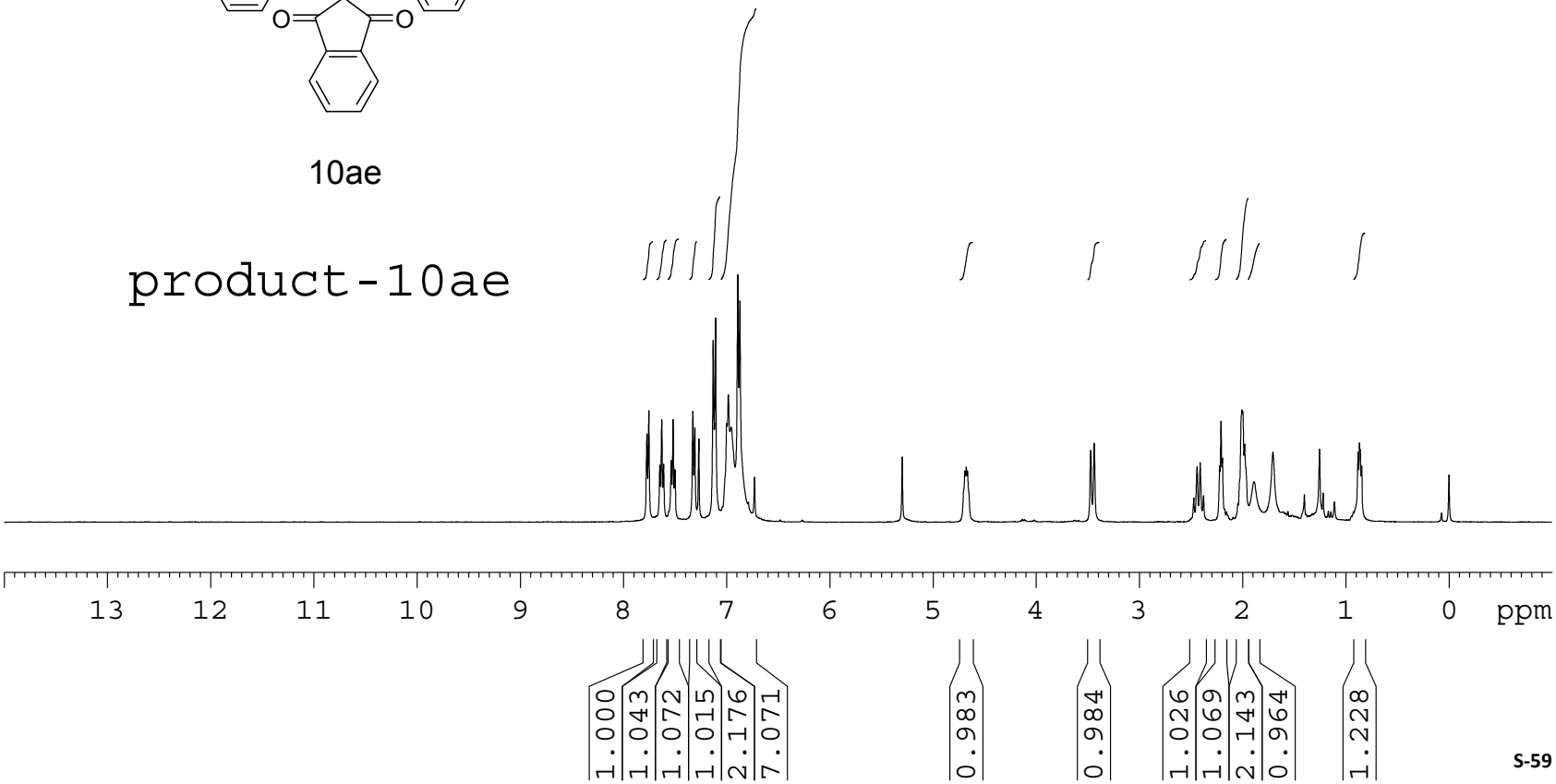

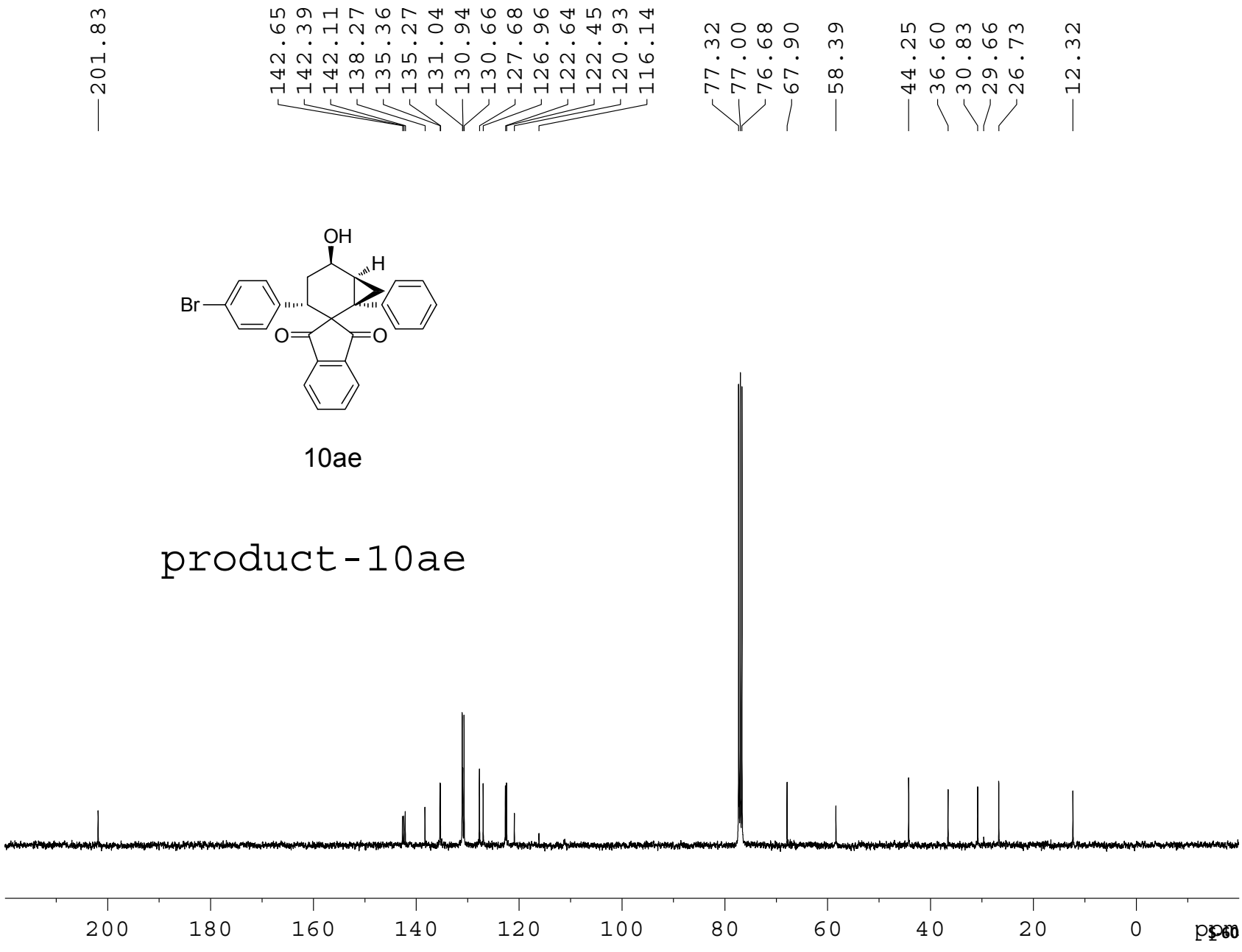

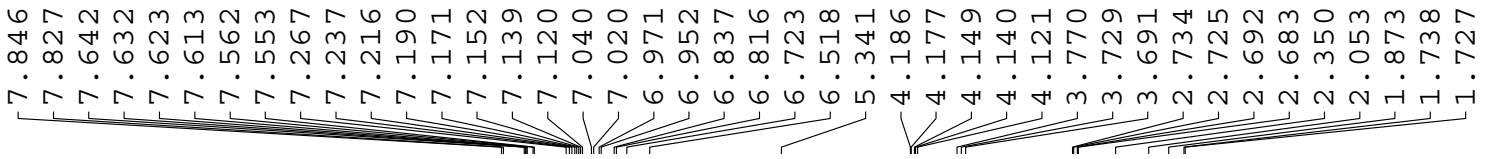


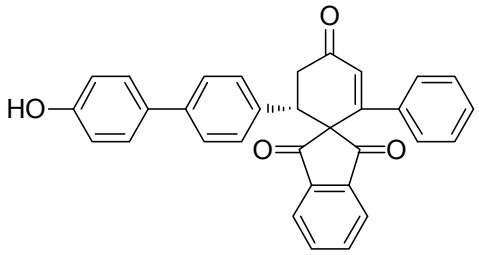


11aea

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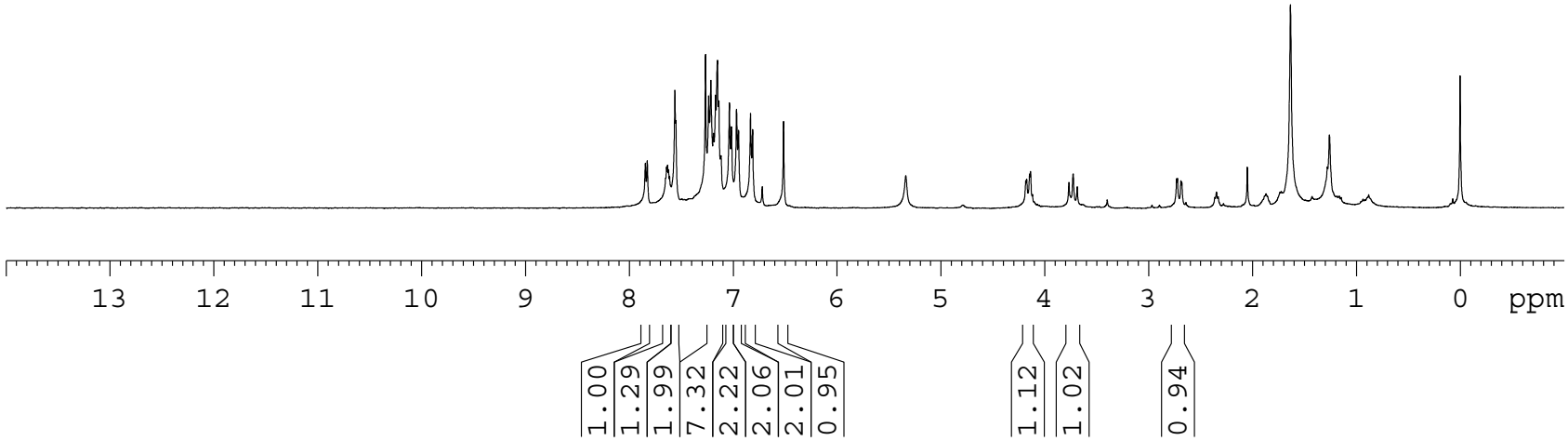

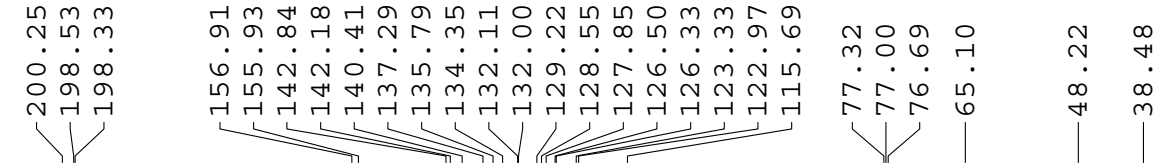


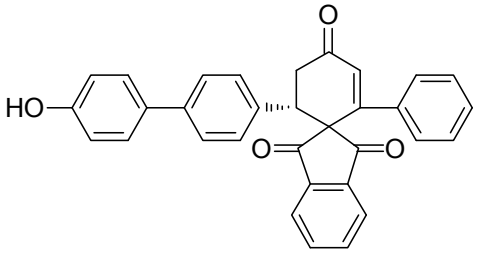


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