

Supporting Information for
Reaction of Grignard Reagents with Diisopropylaminoborane. Synthesis of Alkyl, Aryl,
Heteroaryl and Allyl Boronic Acids From Organodiisopropylaminoborane By A Simple
Hydrolysis

Jacob W. Clary, Terry J. Rettenmaier, Scott Eagon, Chris Murphy, Christopher L. Bailey, and
Bakthan Singaram*

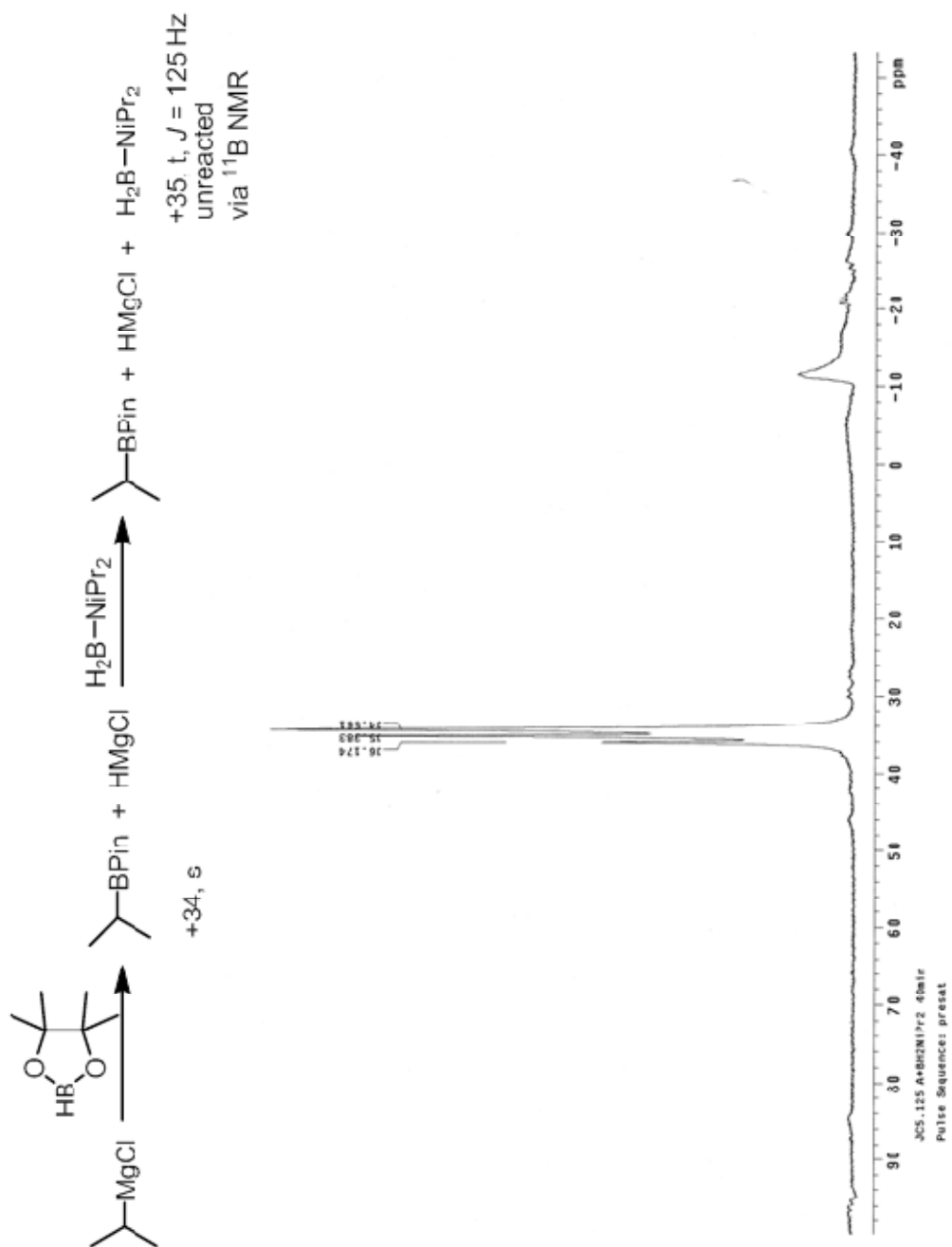
Department of Chemistry and Biochemistry, University of California, Santa Cruz, 1156 High Street,
Santa Cruz, California, 95064

singaram@ucsc.edu

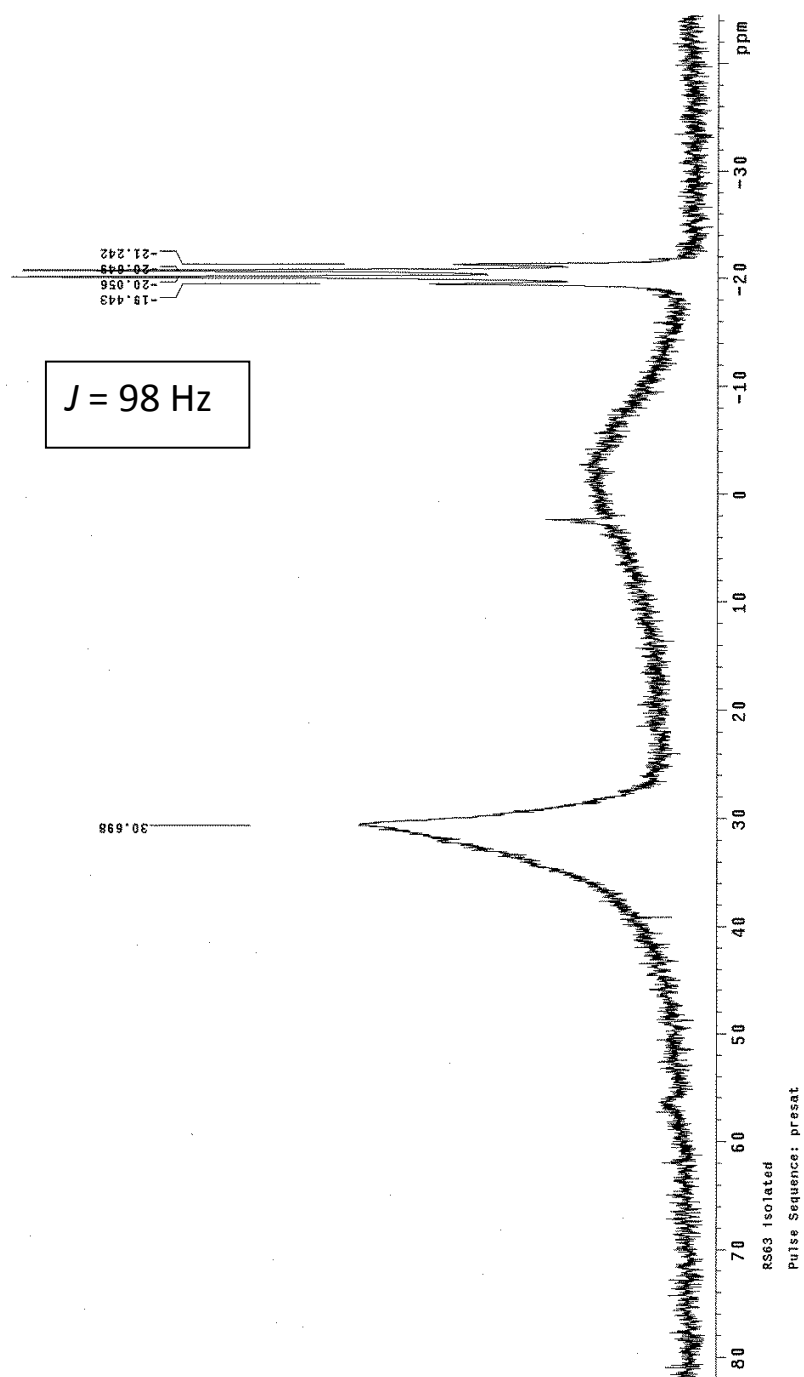
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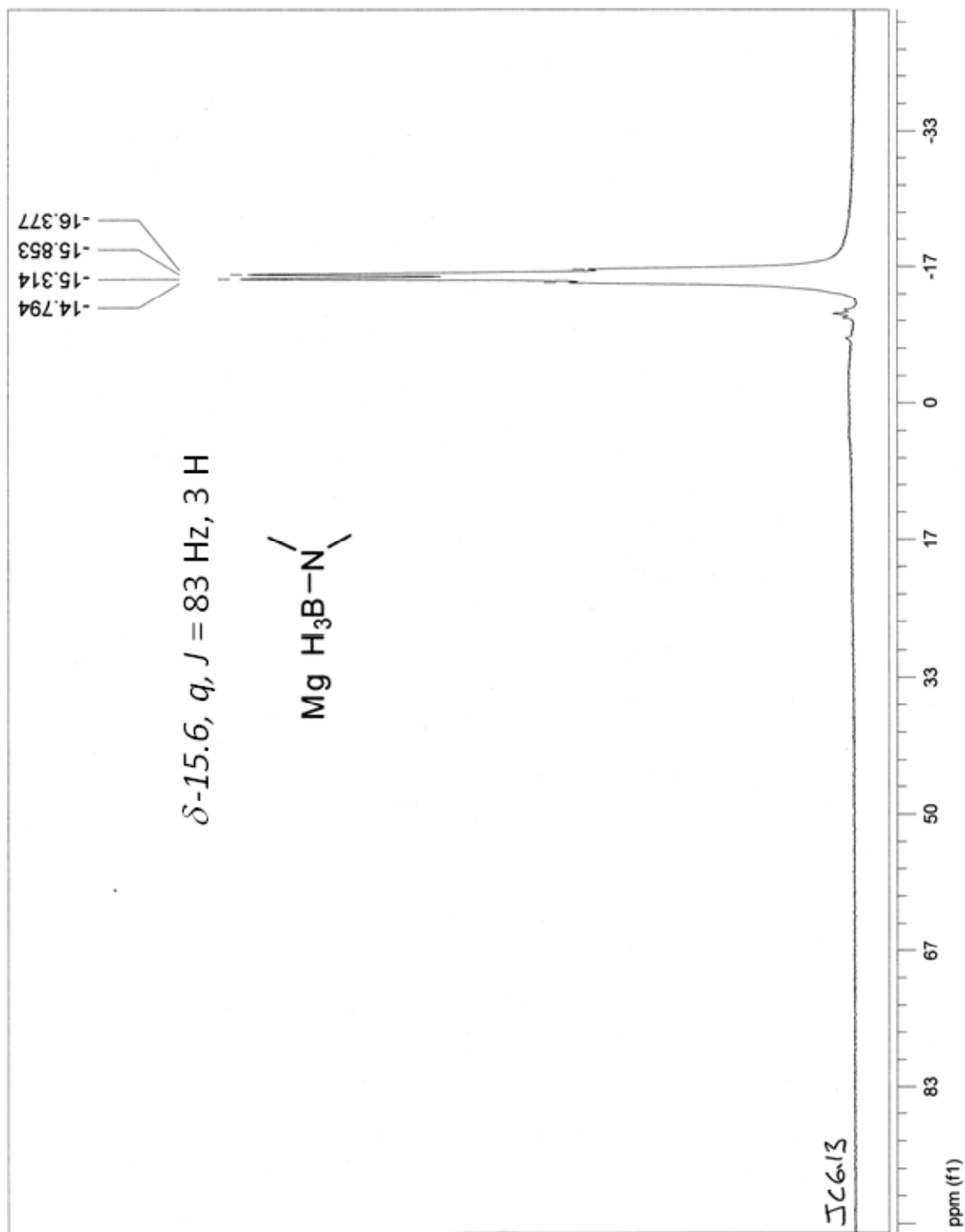


Scheme 4.



^{11}B NMR

Magnesium dimethylaminoborohydride



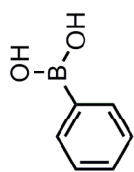
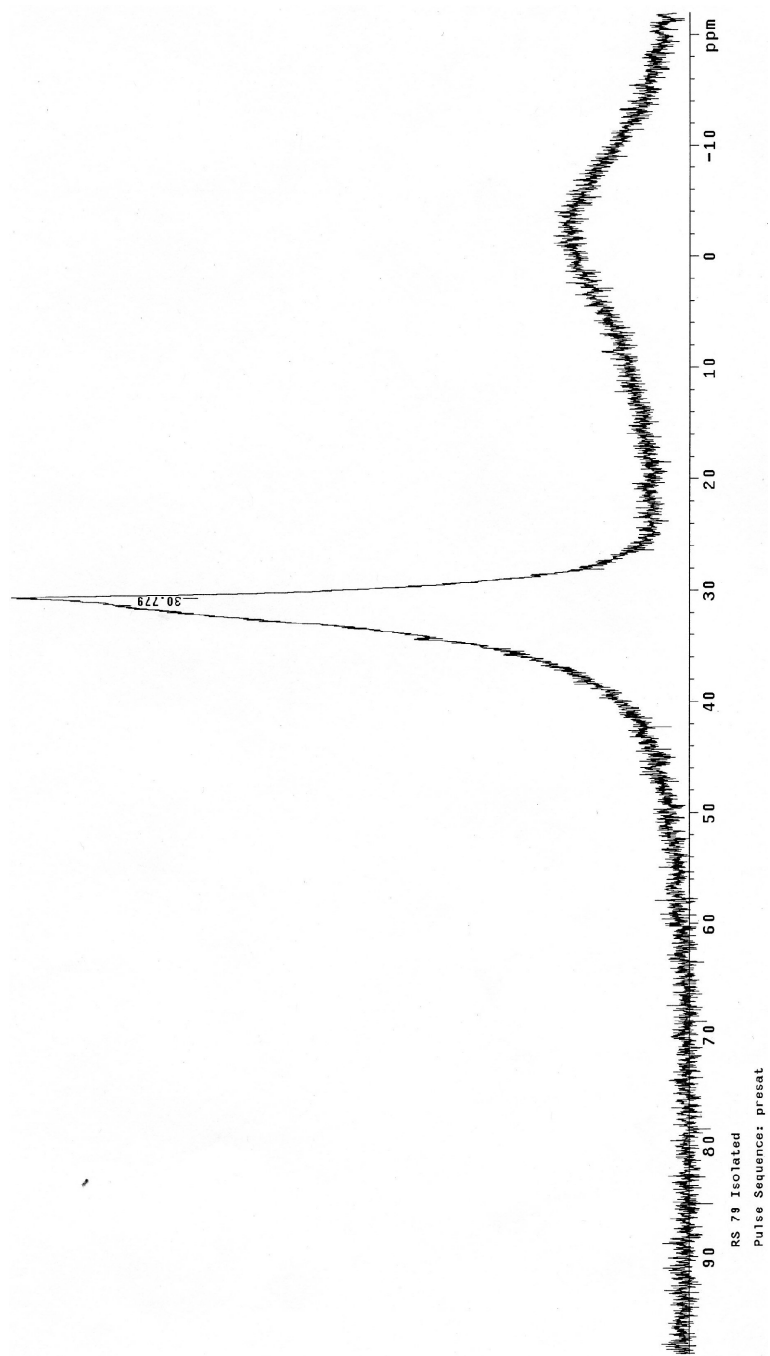


Table 1, entry 1



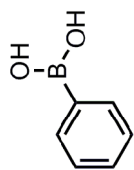
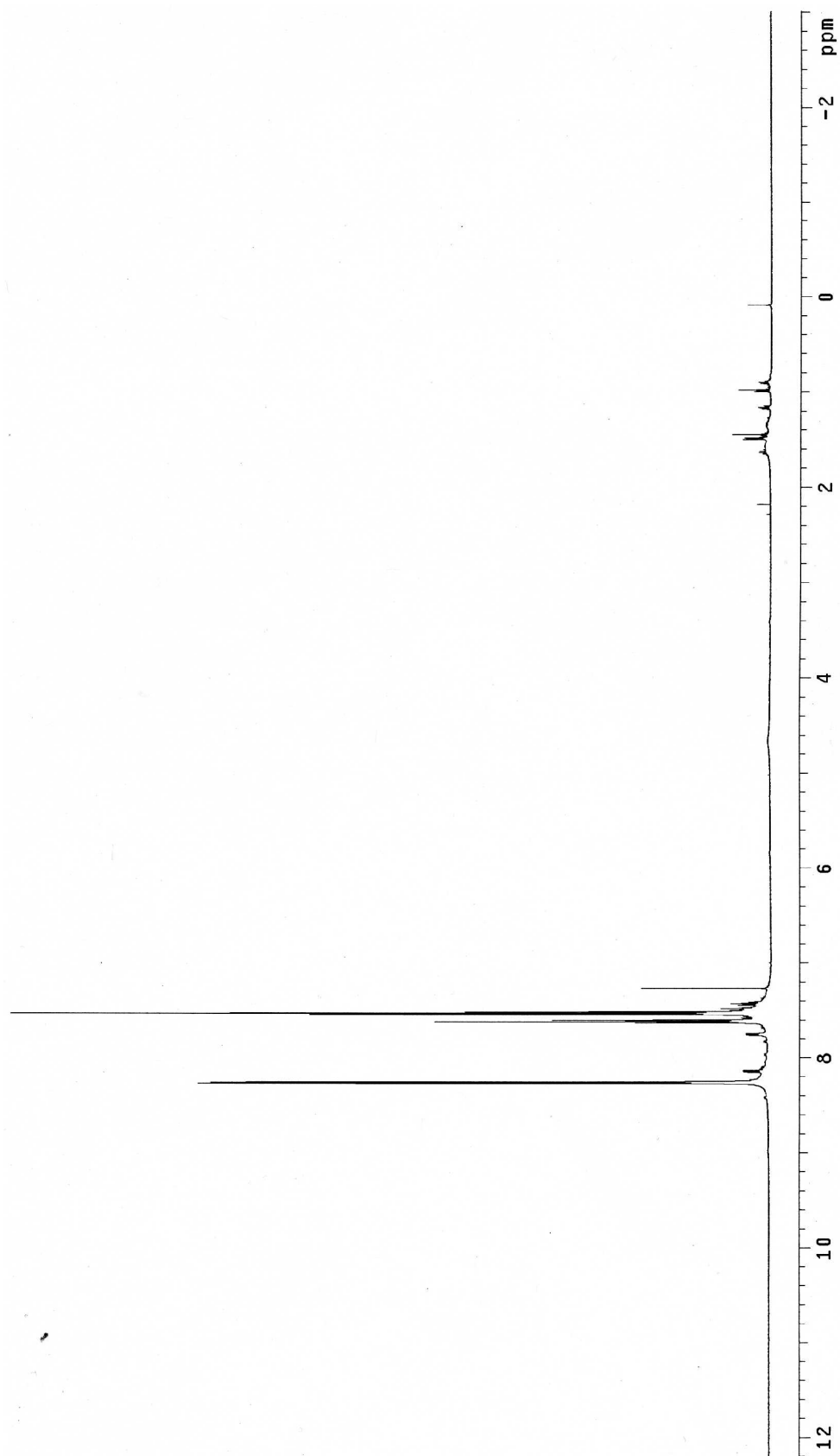


Table 1, entry 1



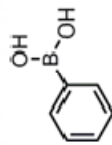
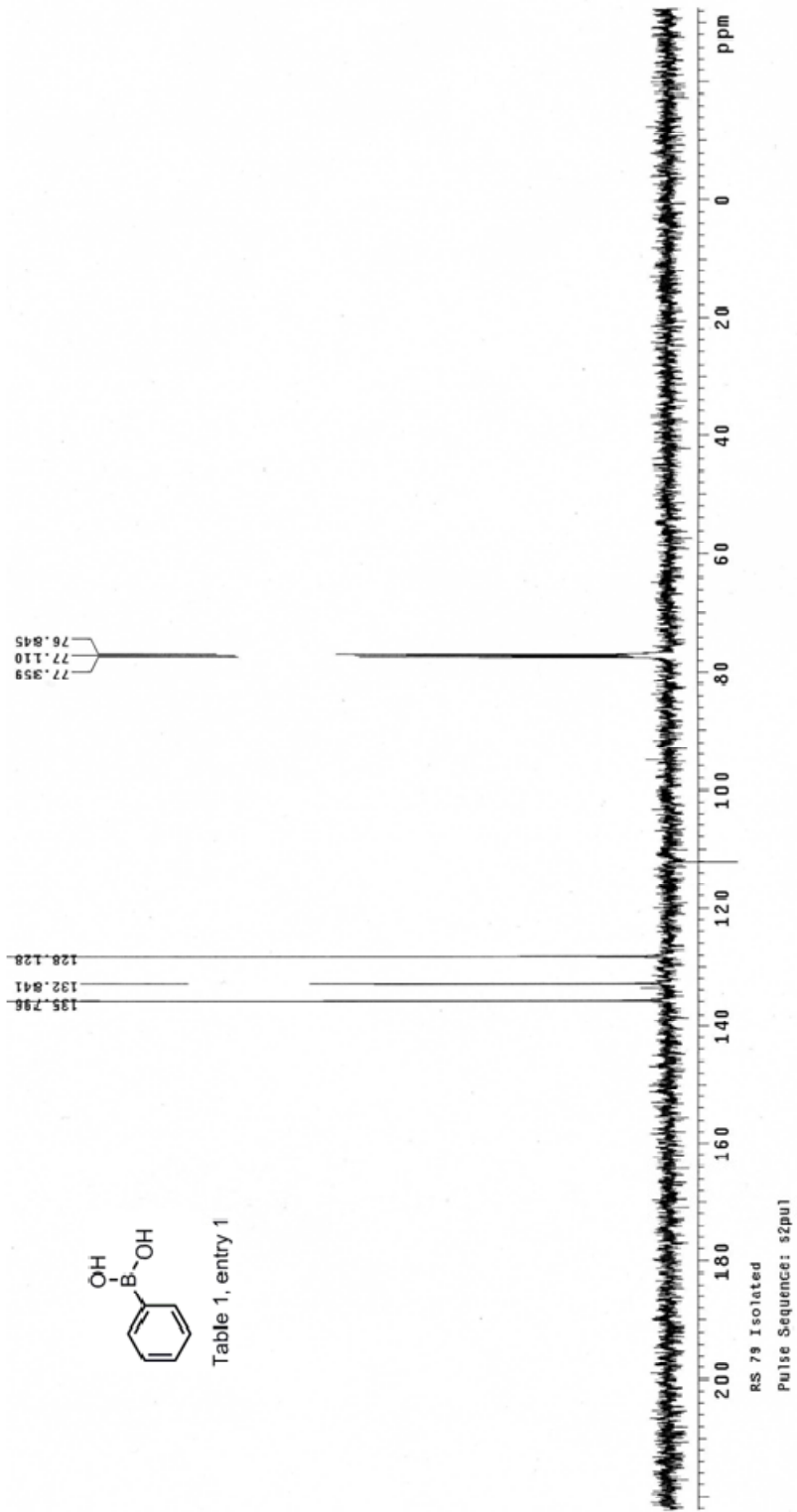


Table 1, entry 1



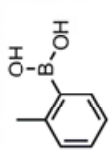
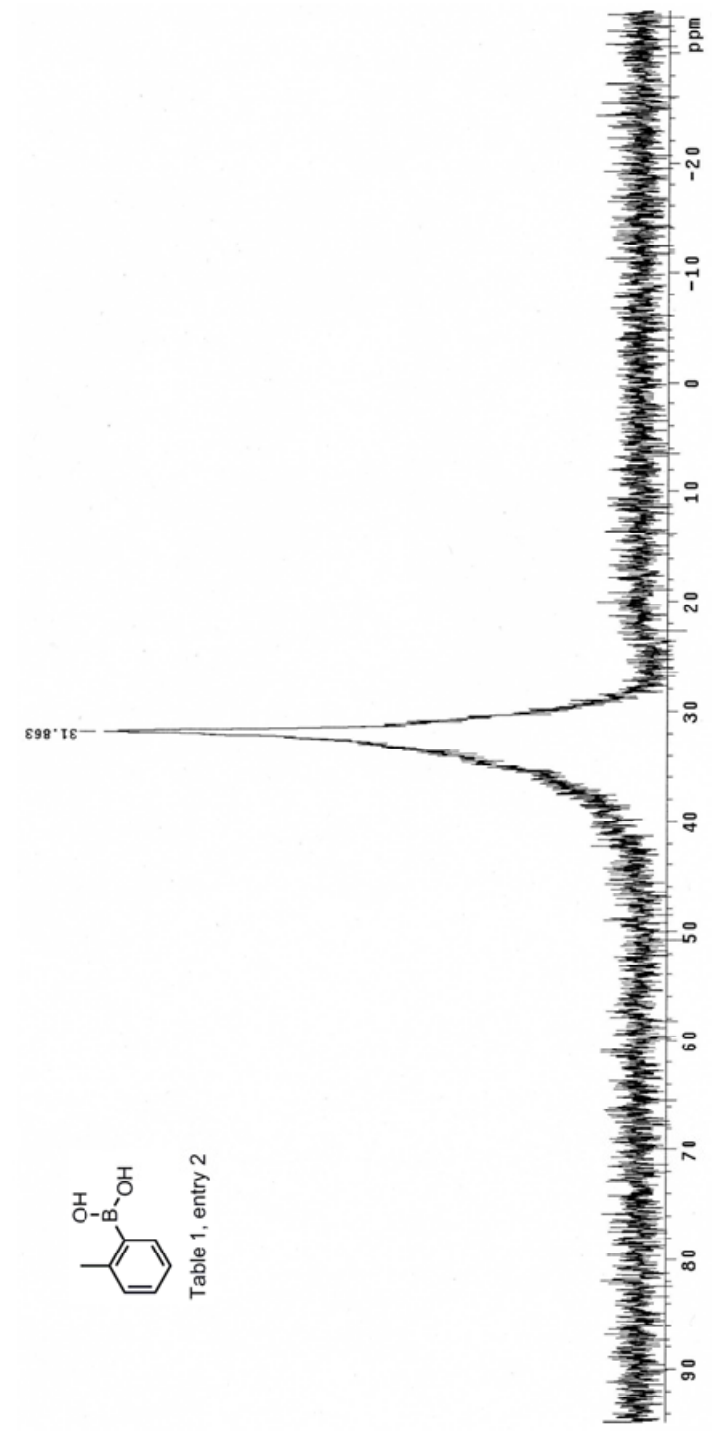


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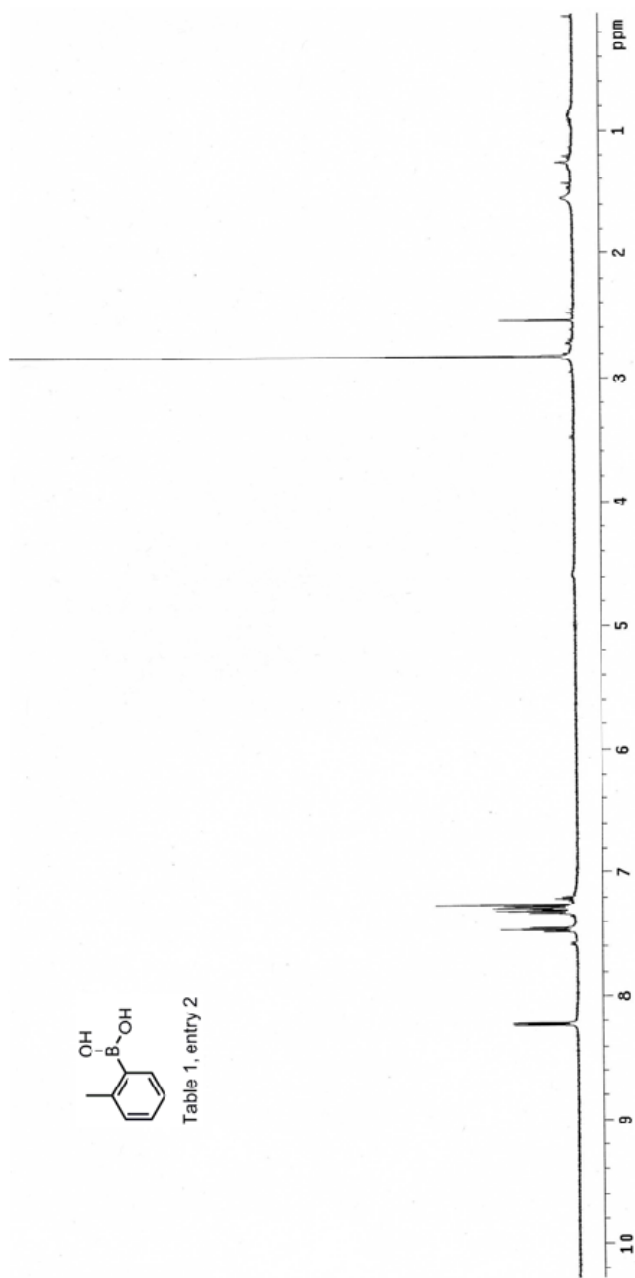


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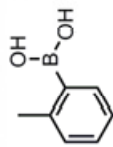
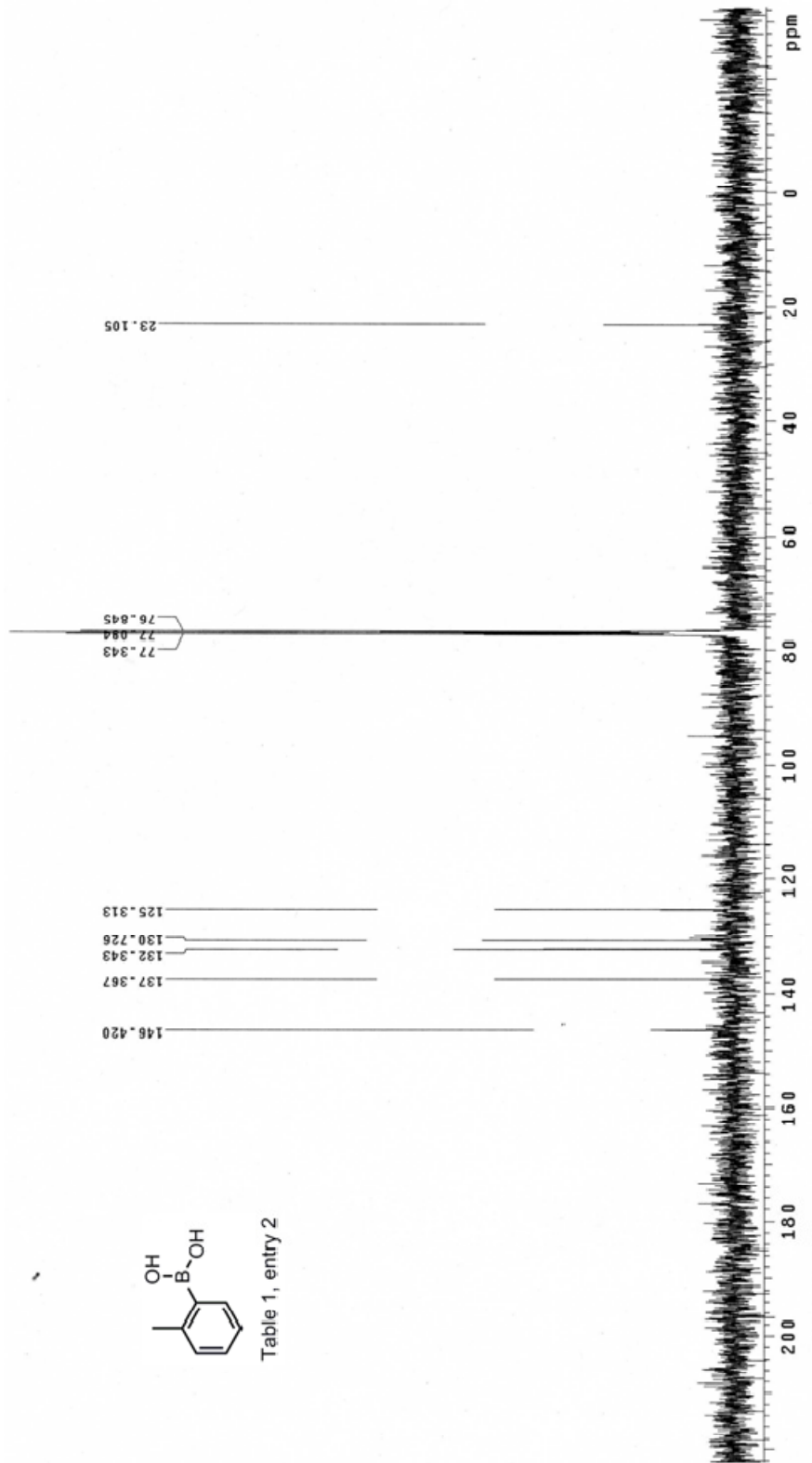


Table 1, entry 2



RS 67 Isolated
Pulse Sequence: s2pu1

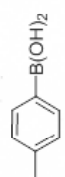
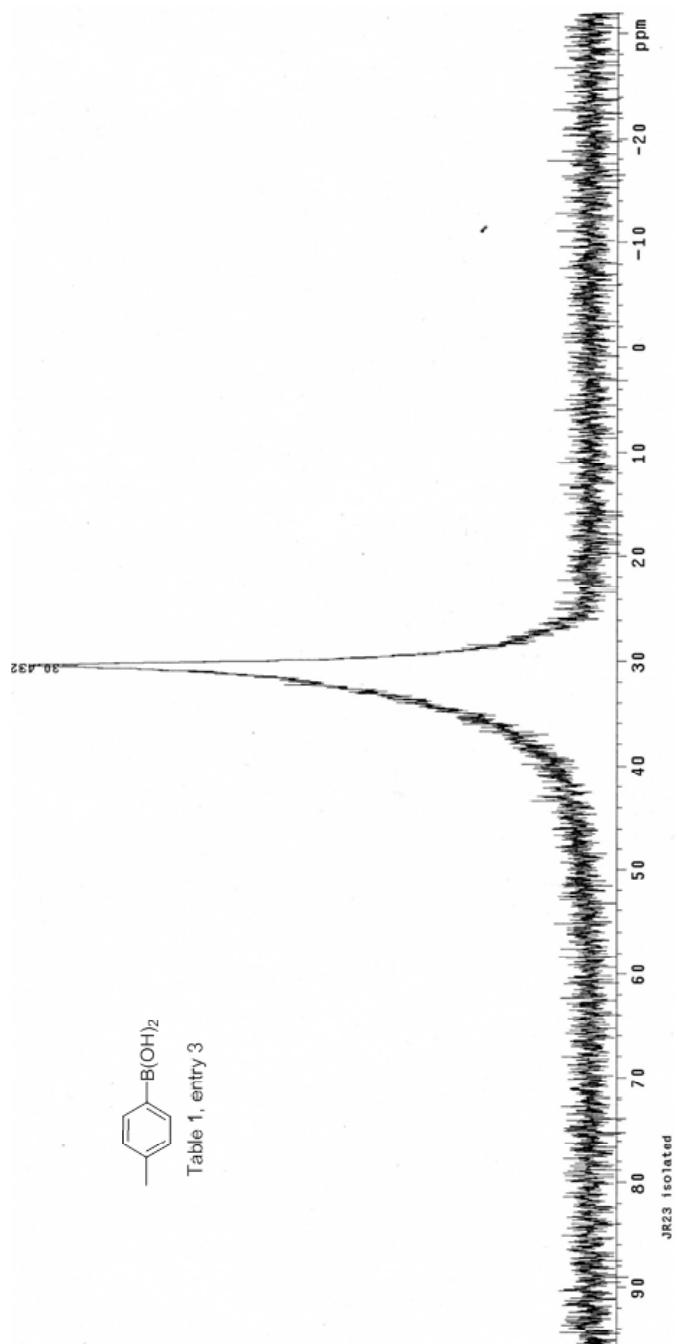
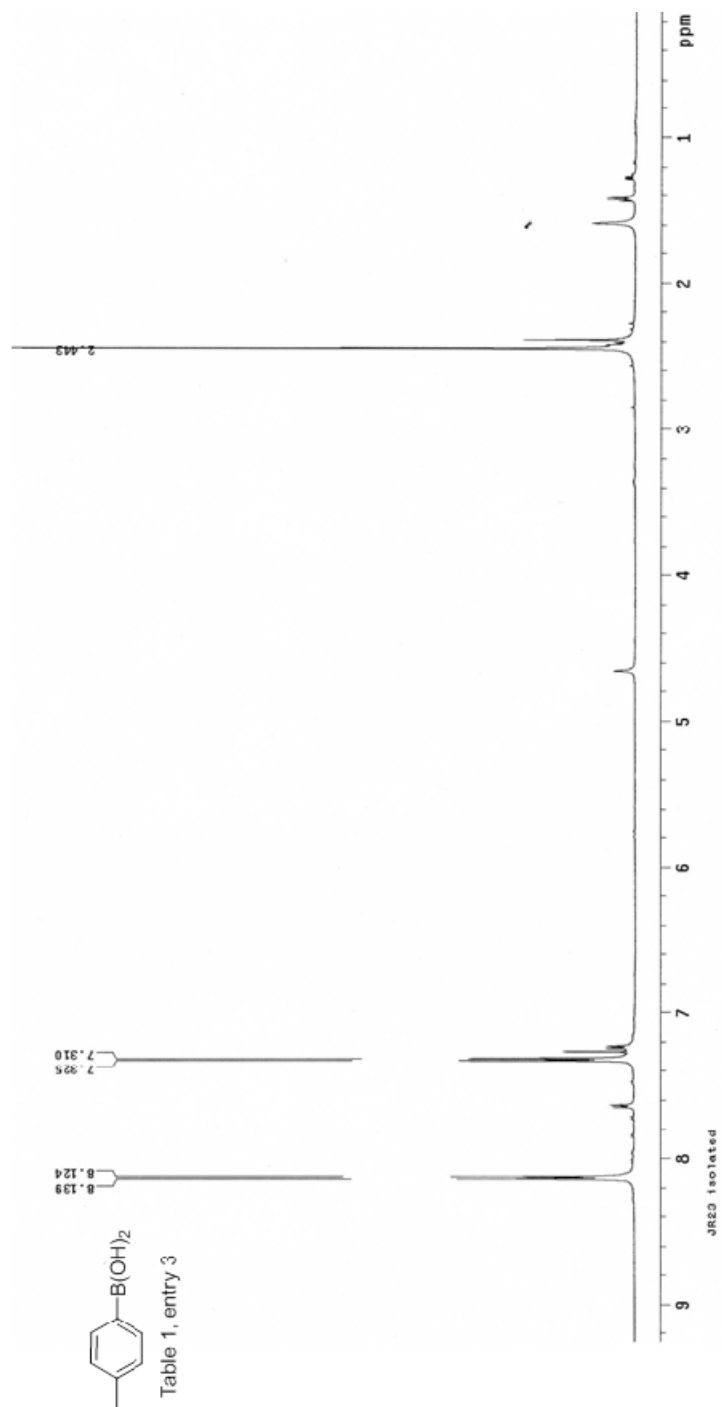


Table 1, entry 3





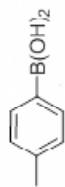


Table 1, entry 3

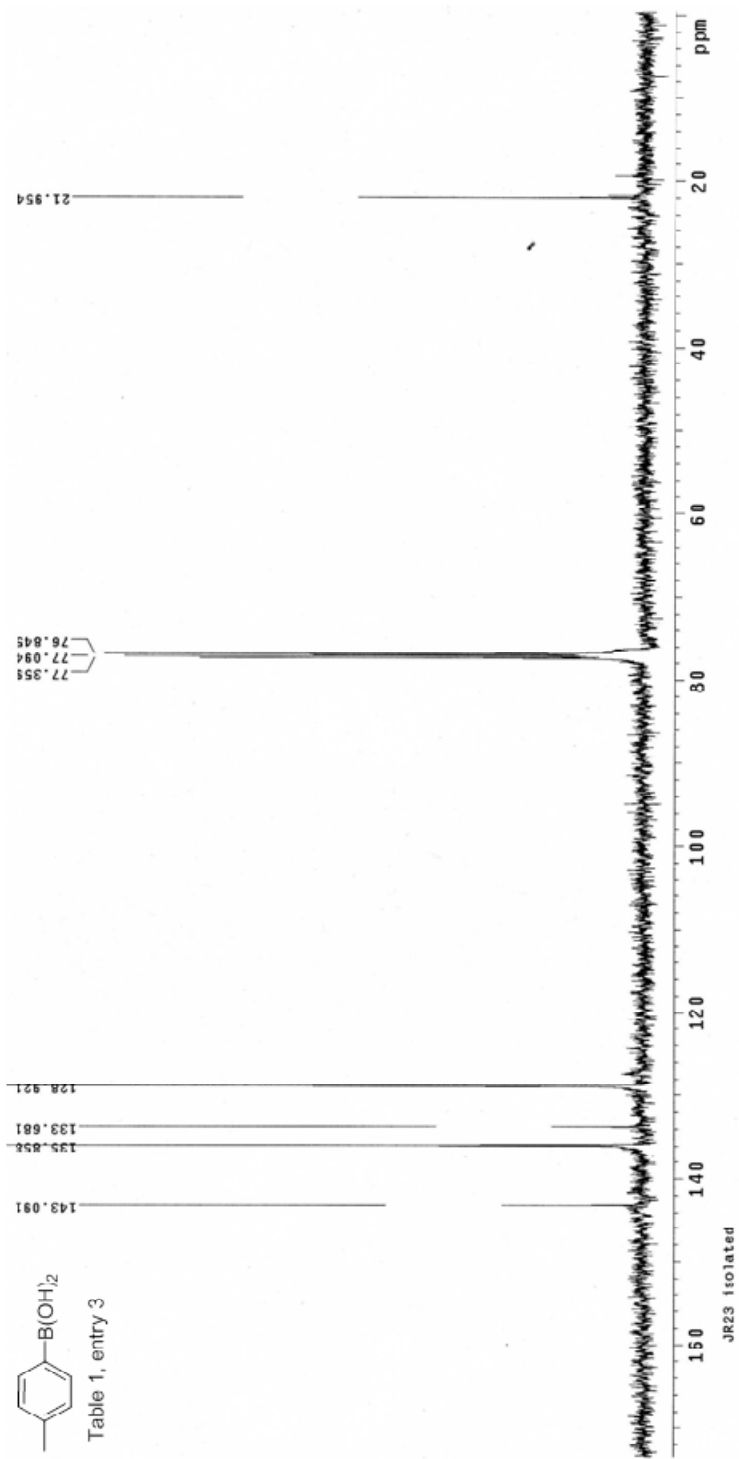




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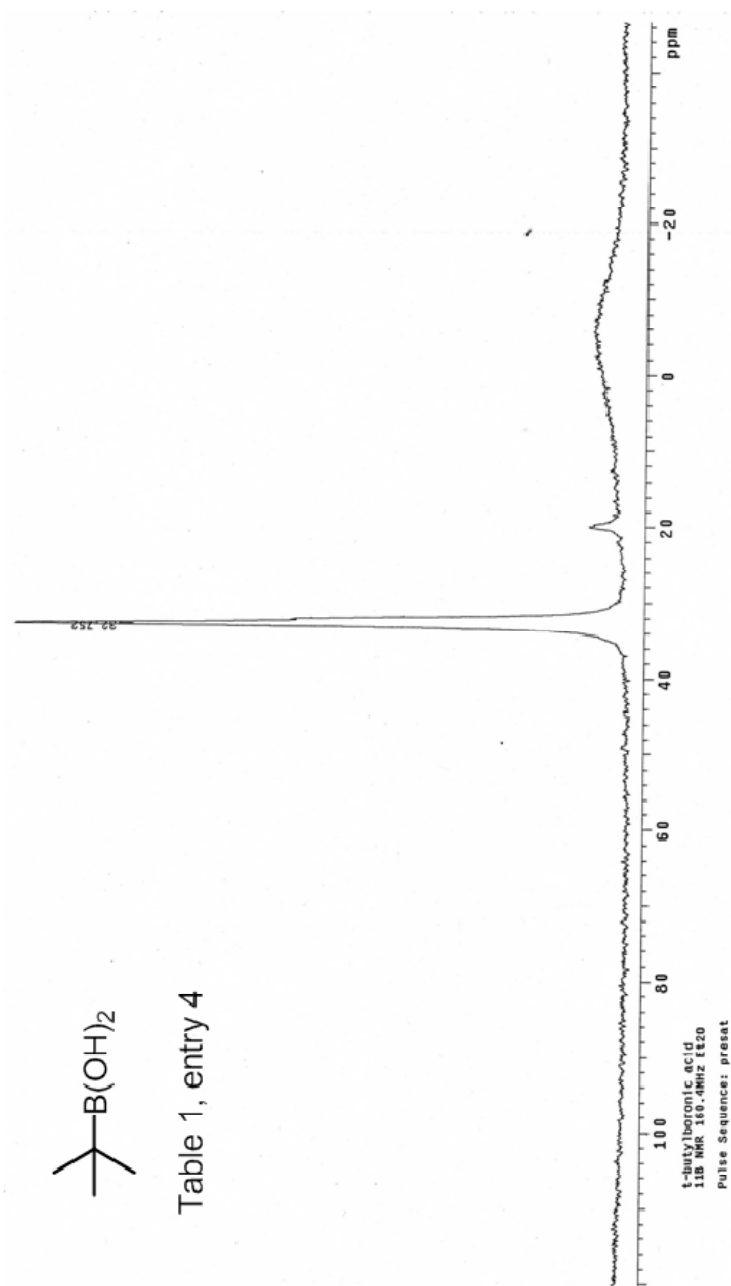
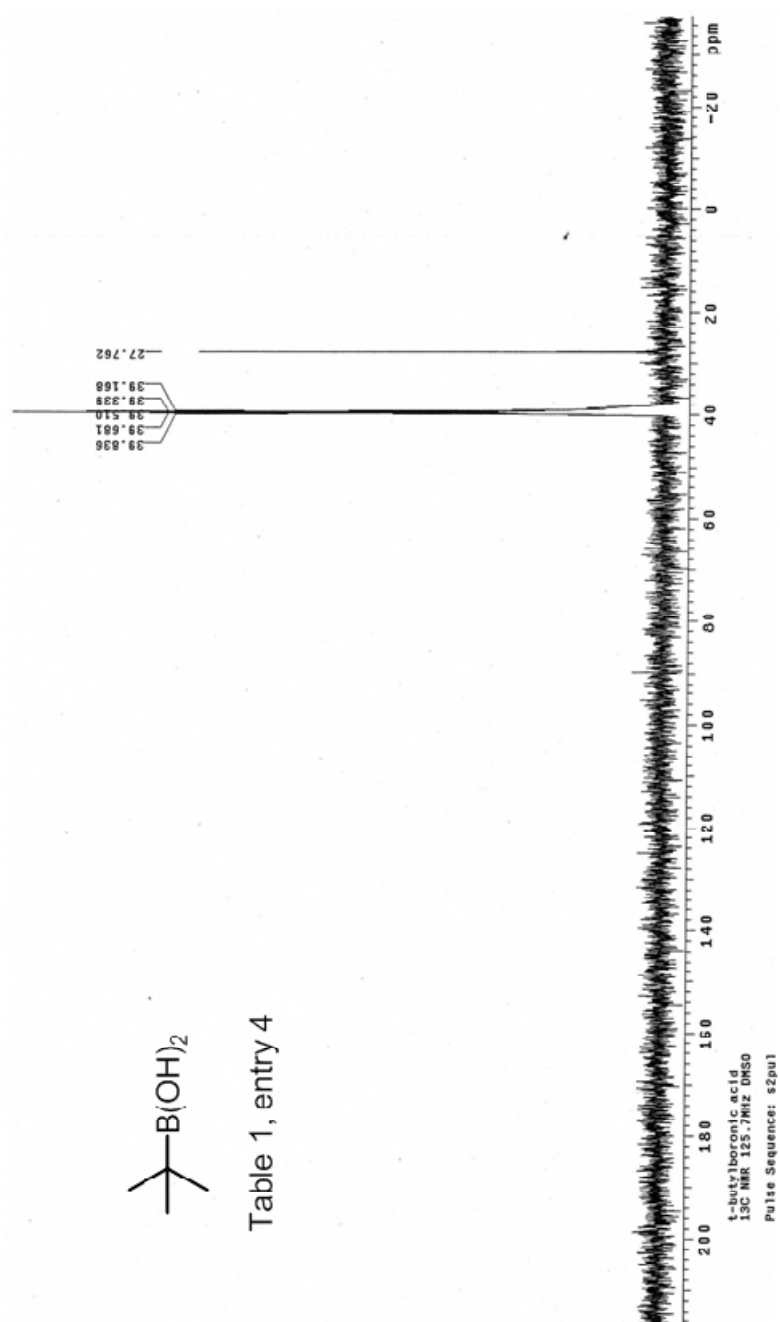




Table 1, entry 4



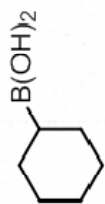
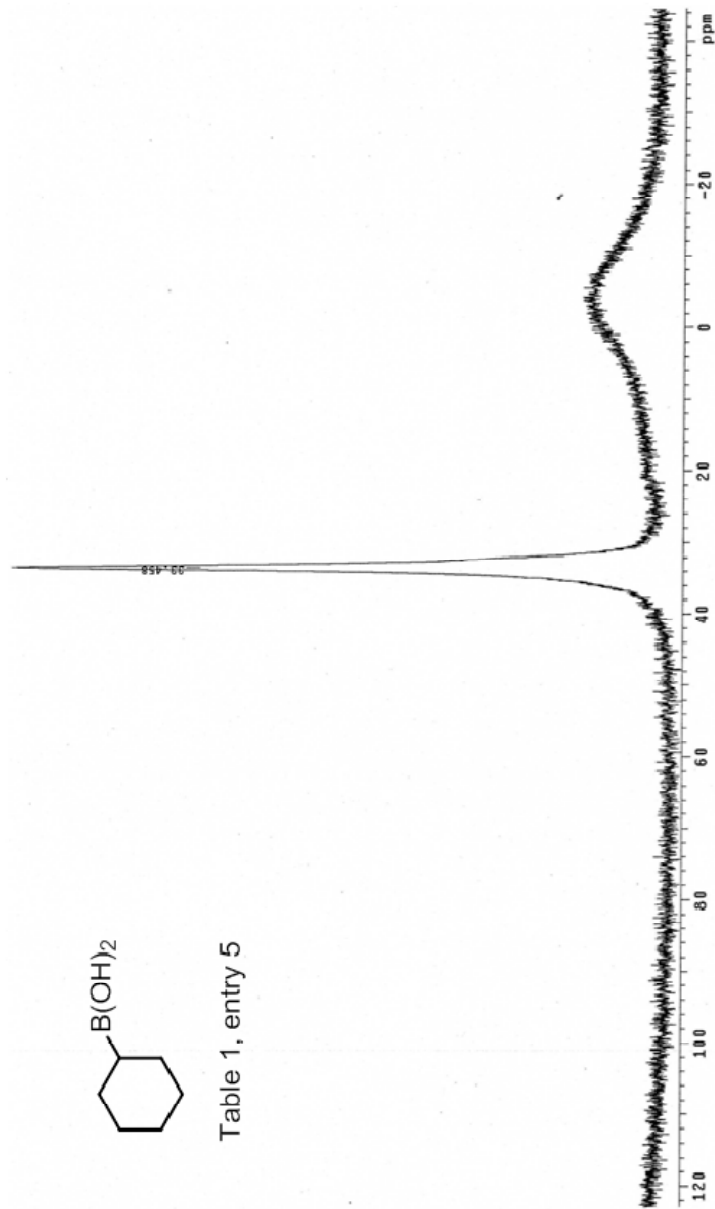


Table 1, entry 5



cyclohexylboronic acid
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Pulse Sequence: presat

9/16/08

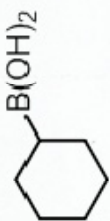


Table 1, entry 5

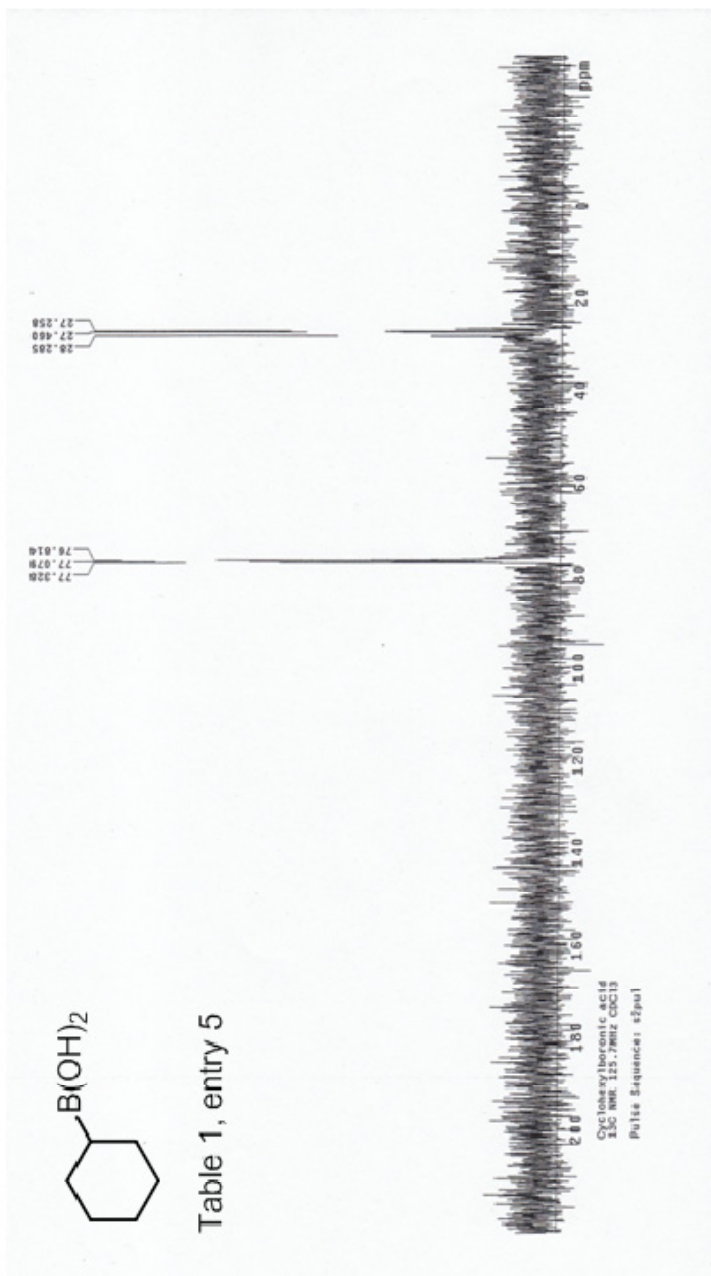




Table 1, entry 6

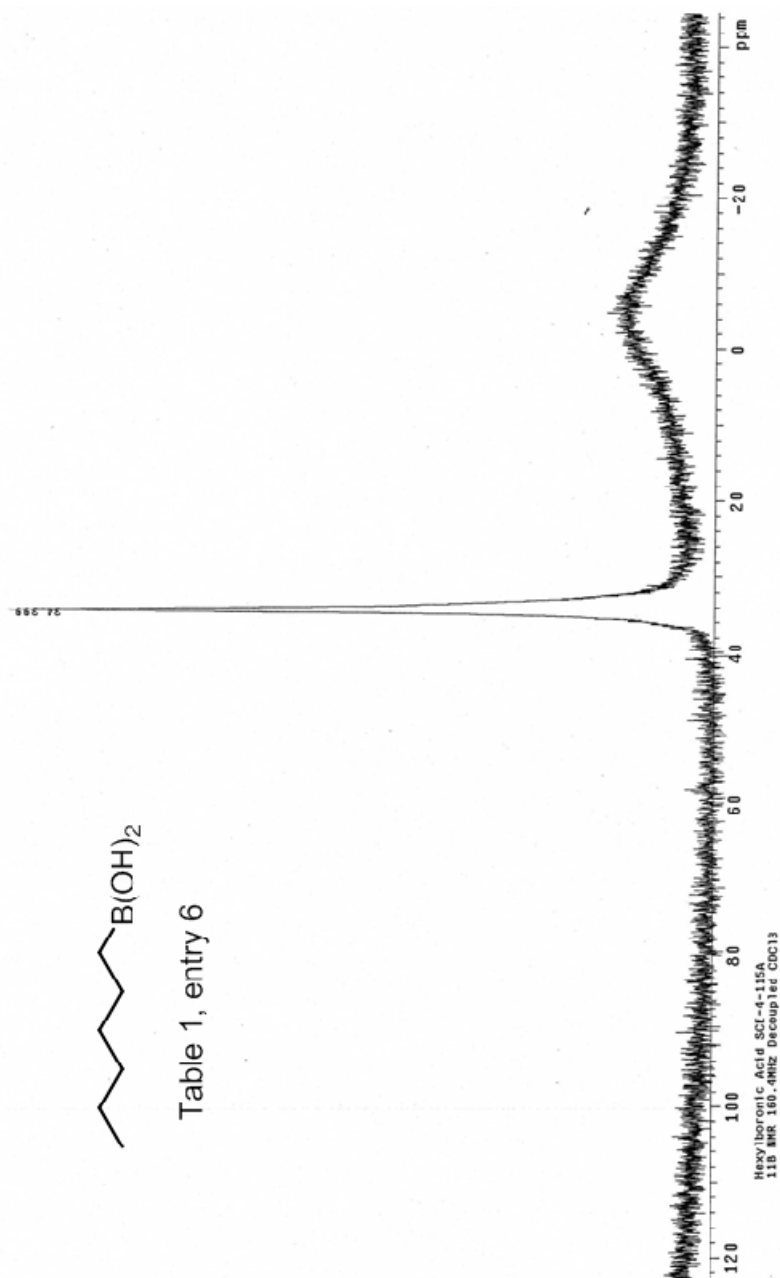




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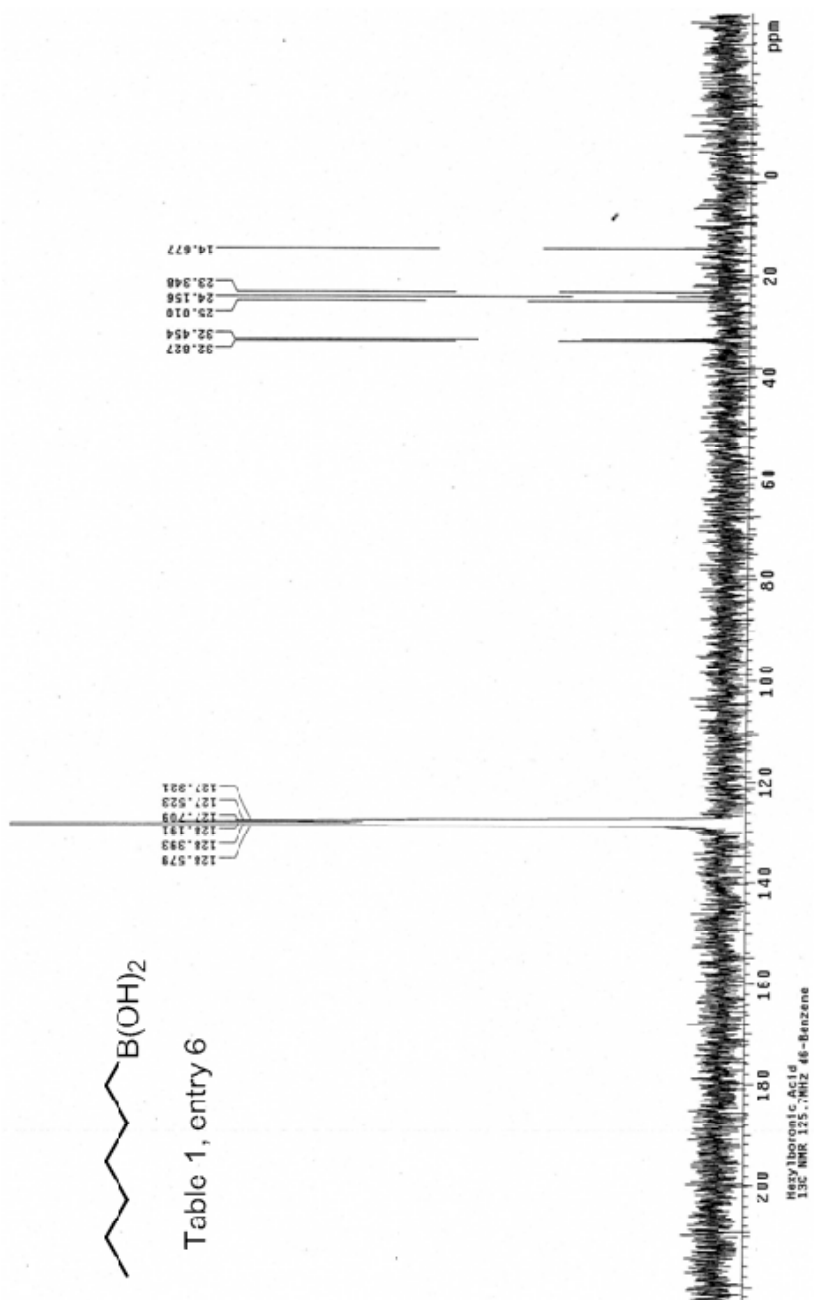




Table 1, entry 7

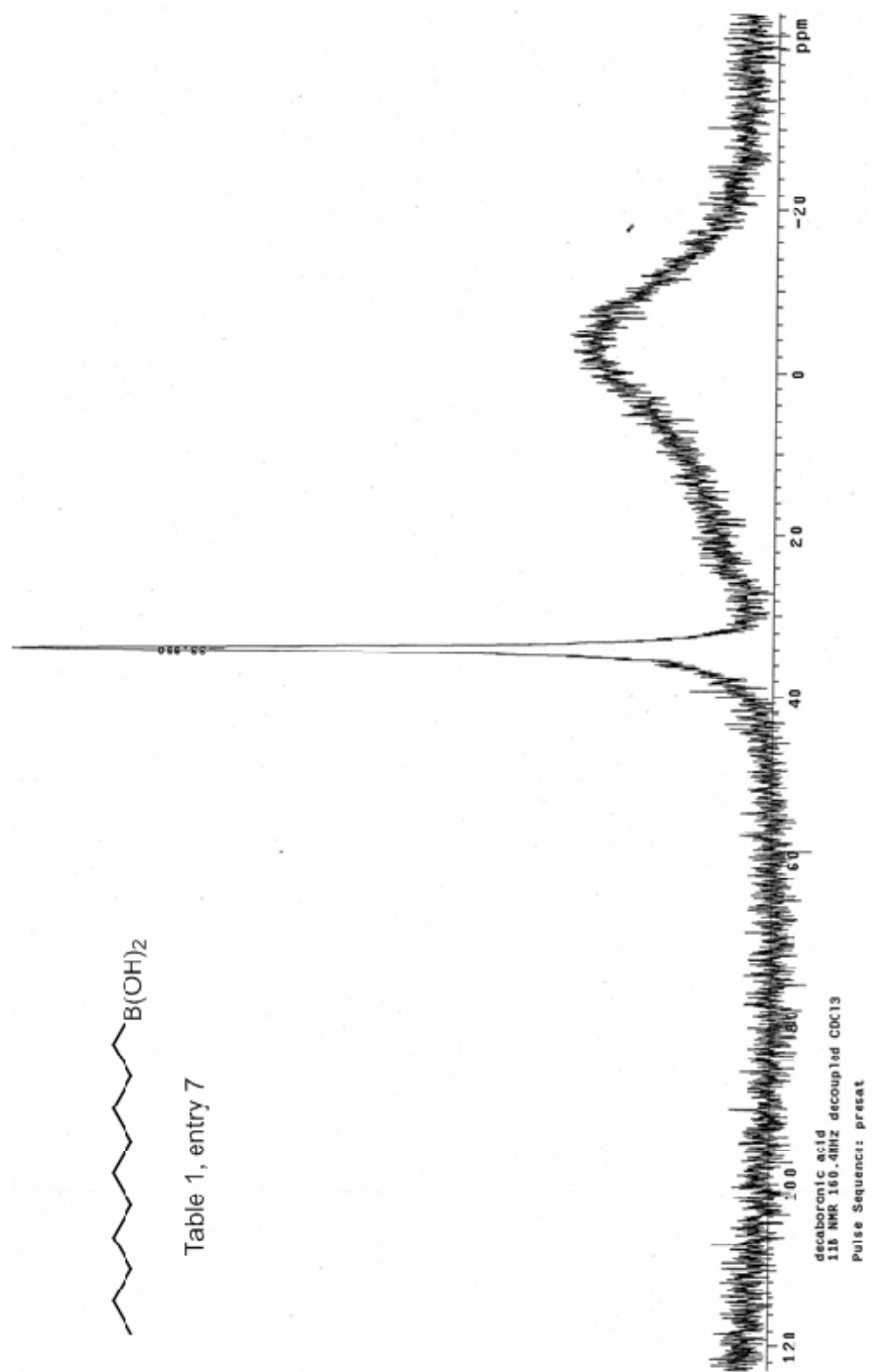
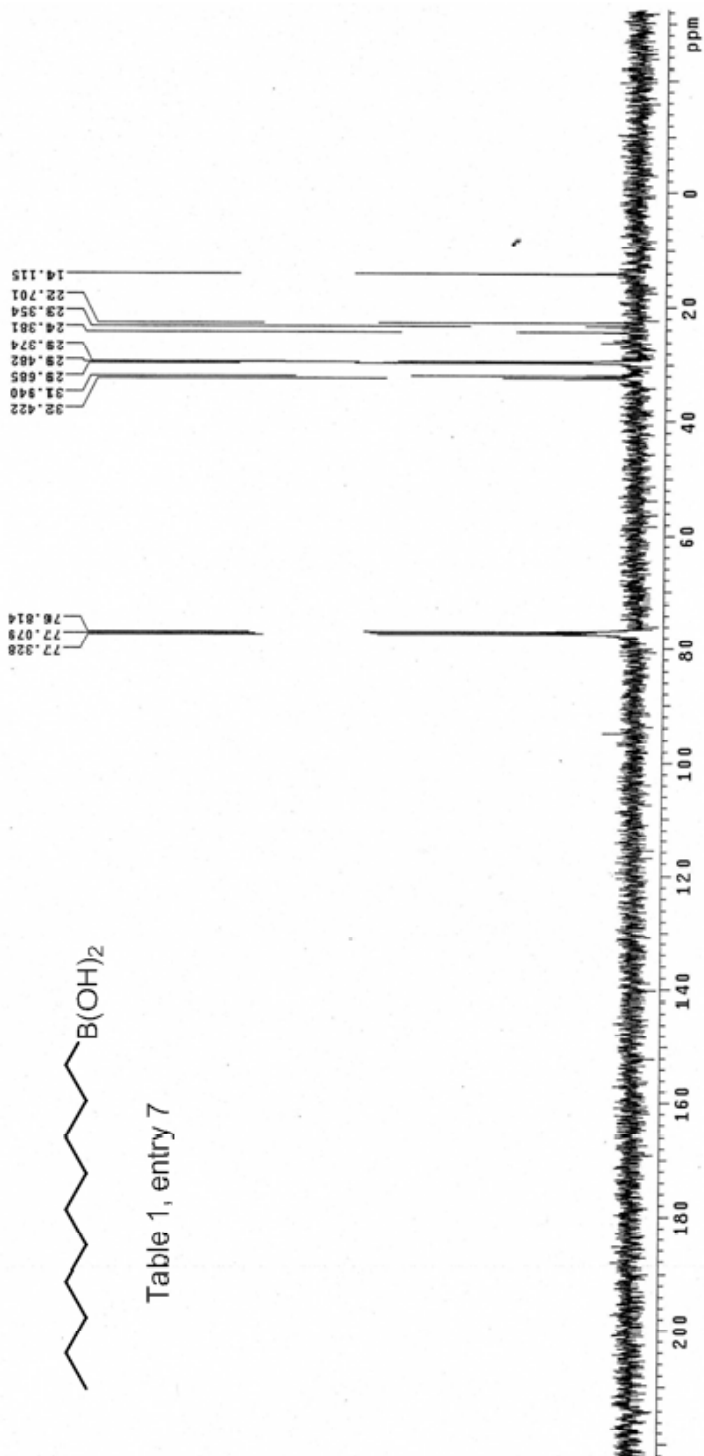
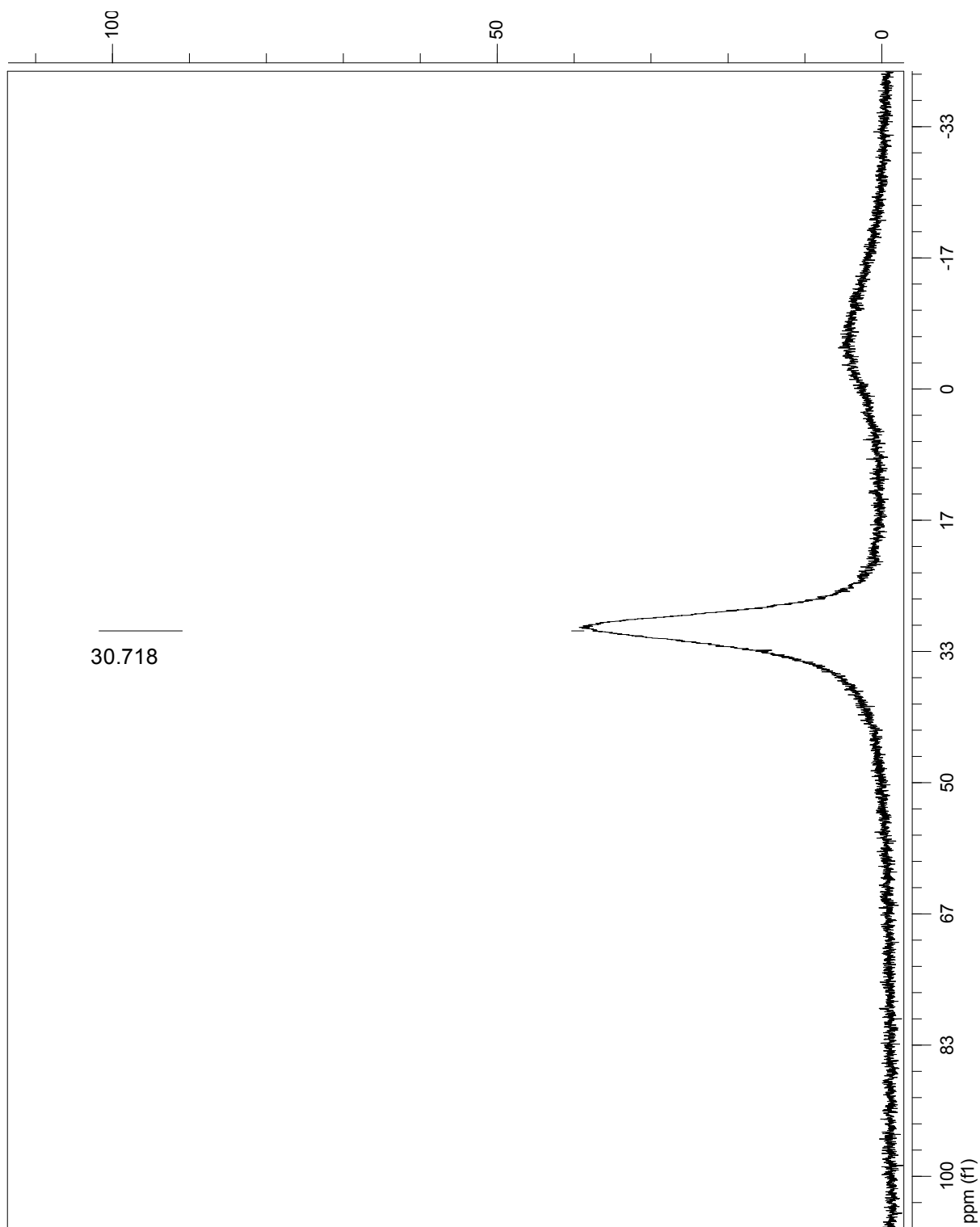


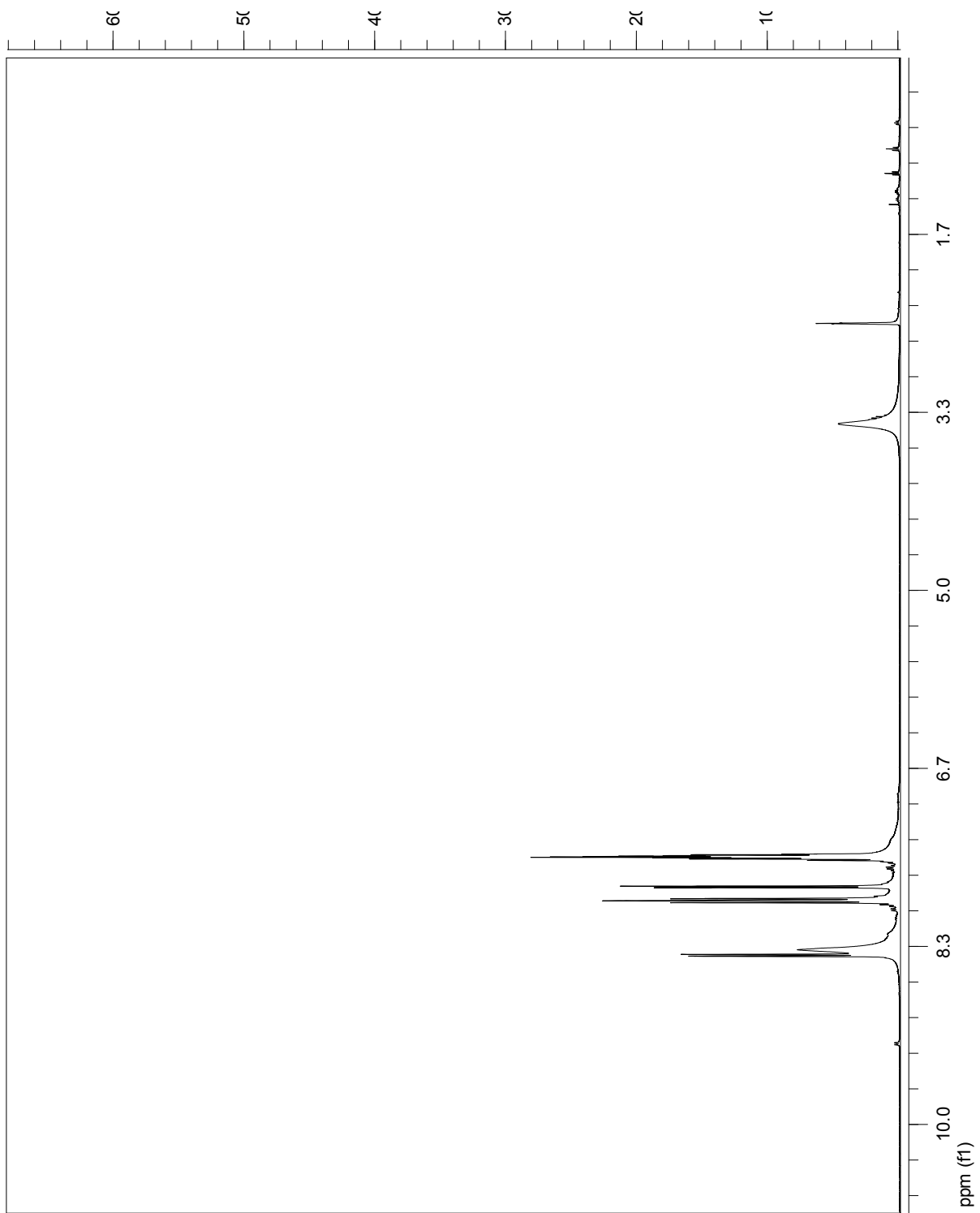


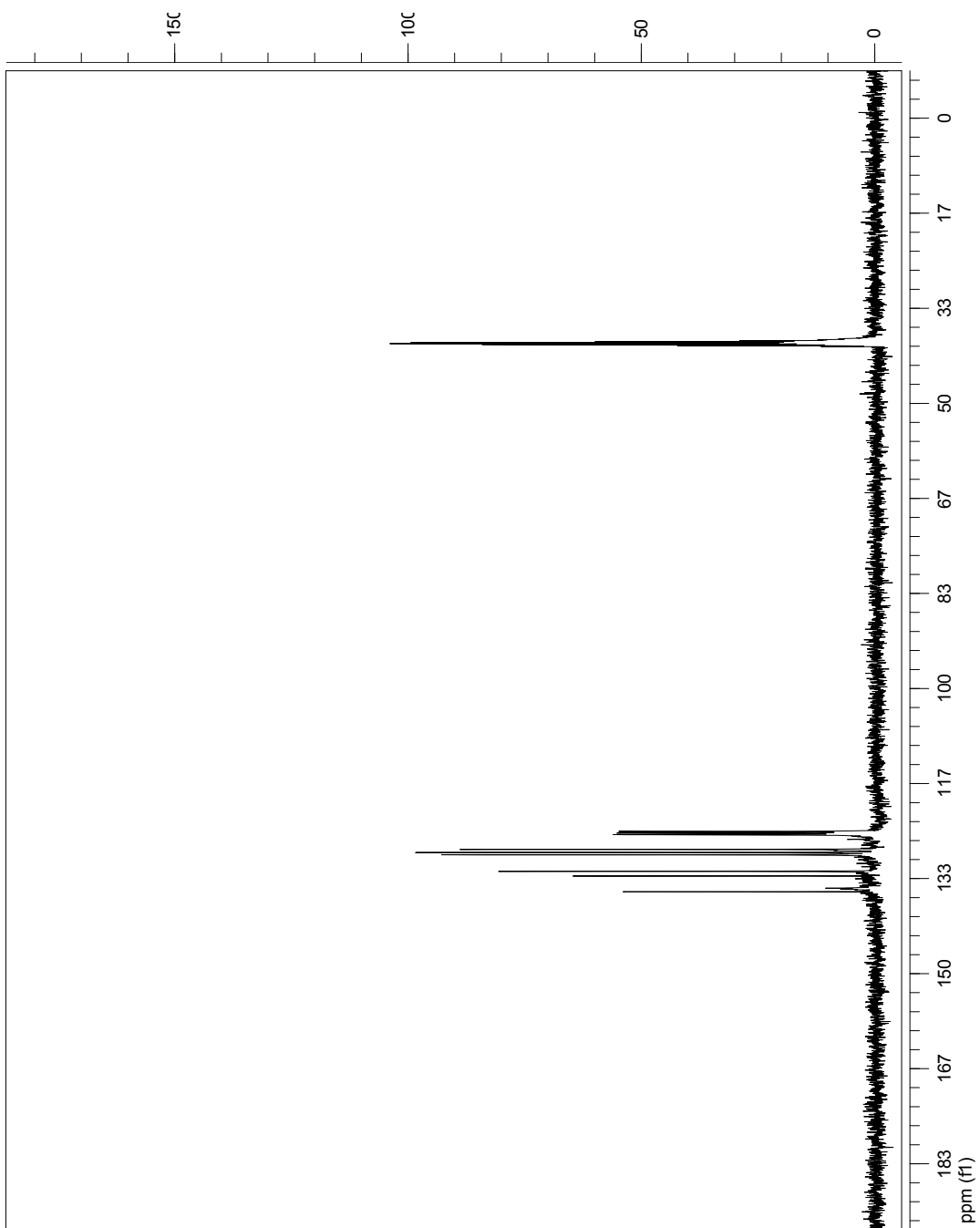
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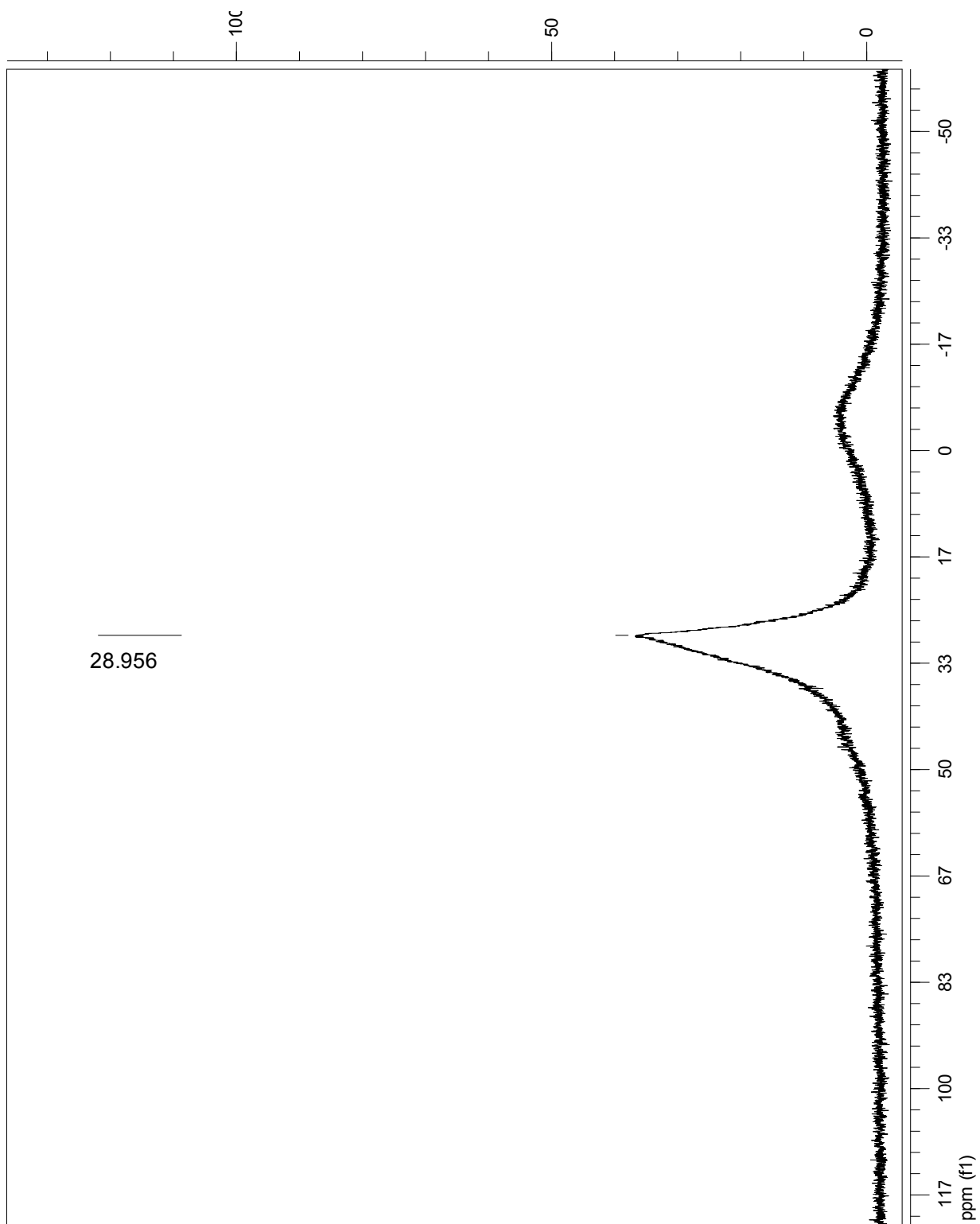


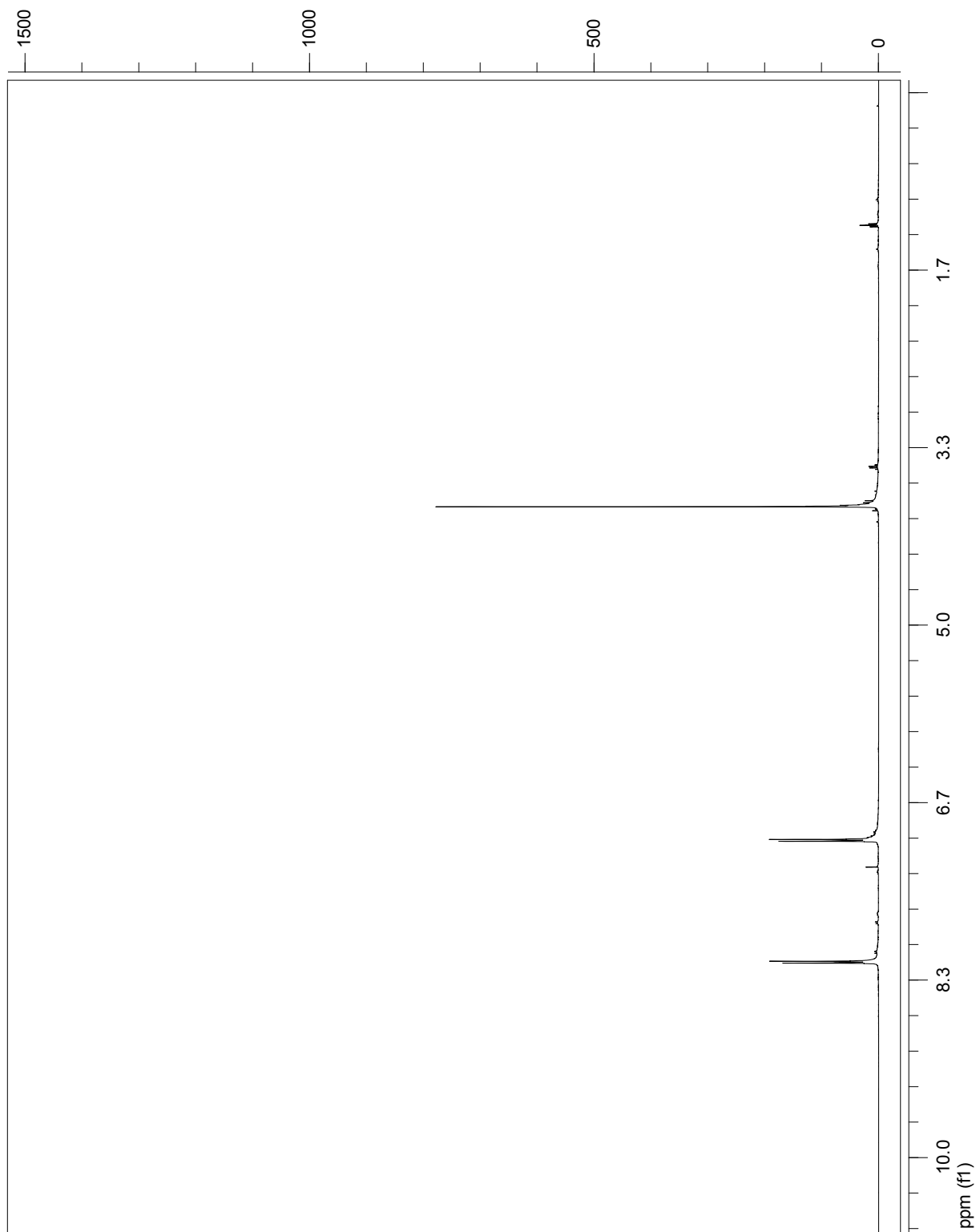
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Pulse Sequence: s2pu1

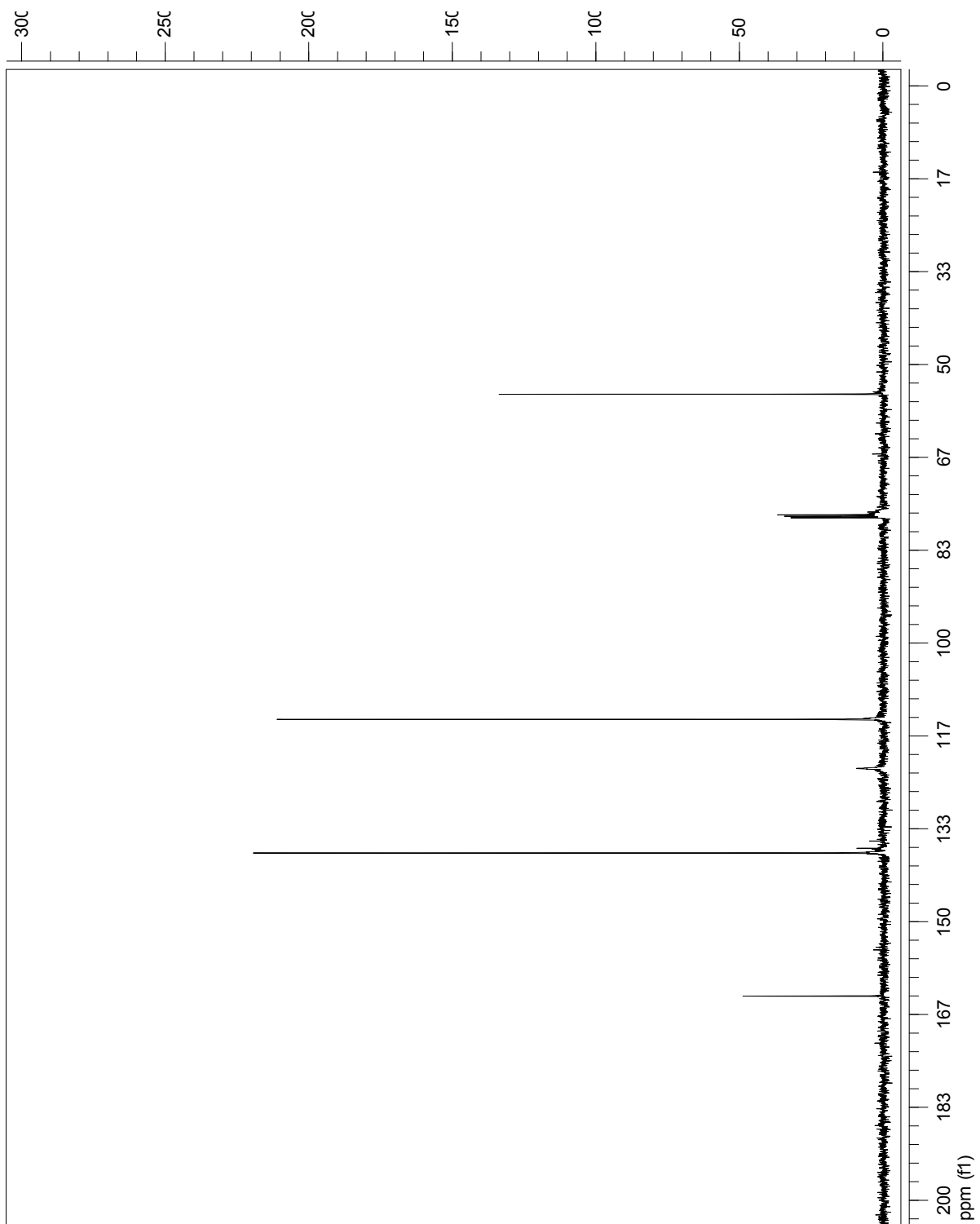


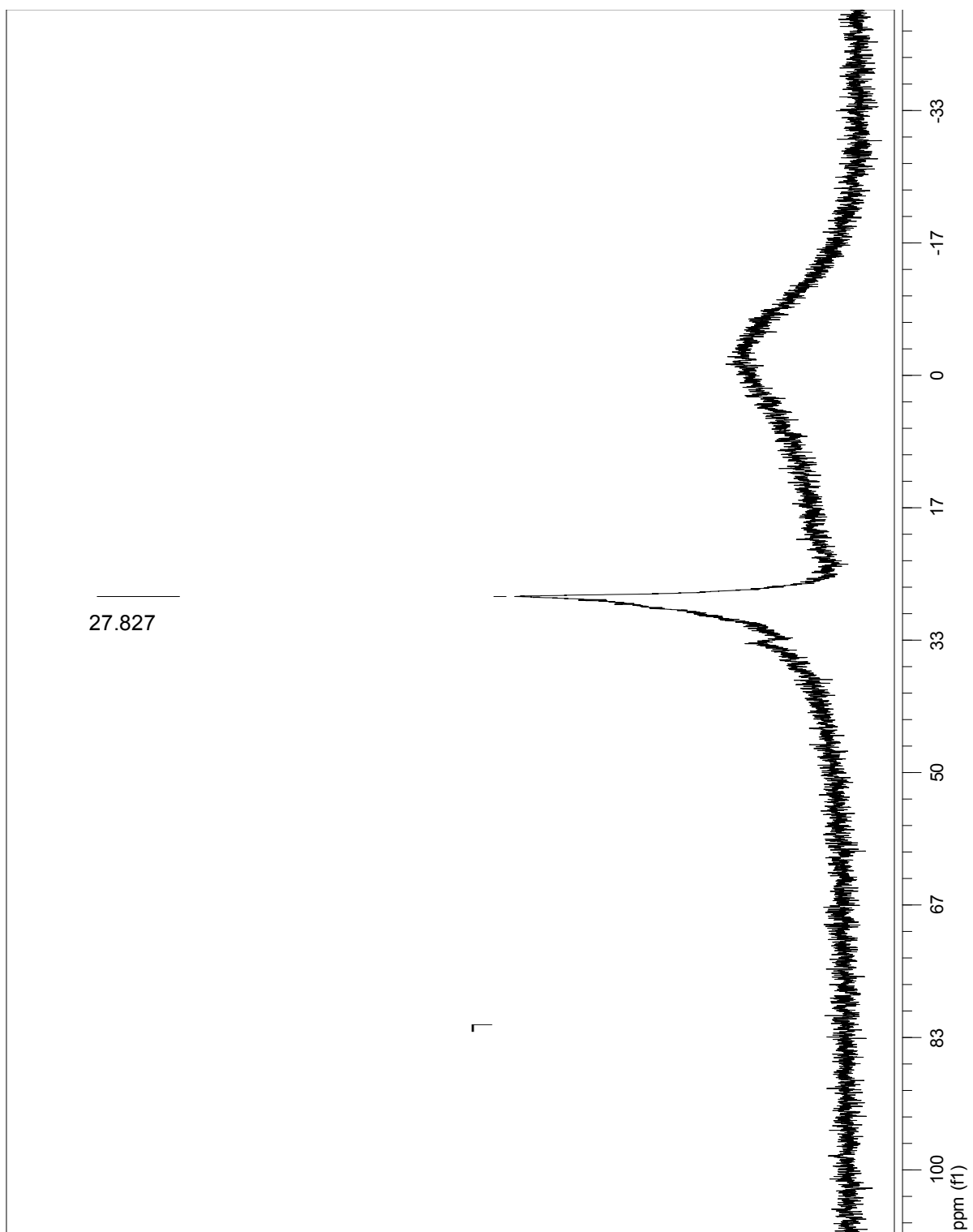


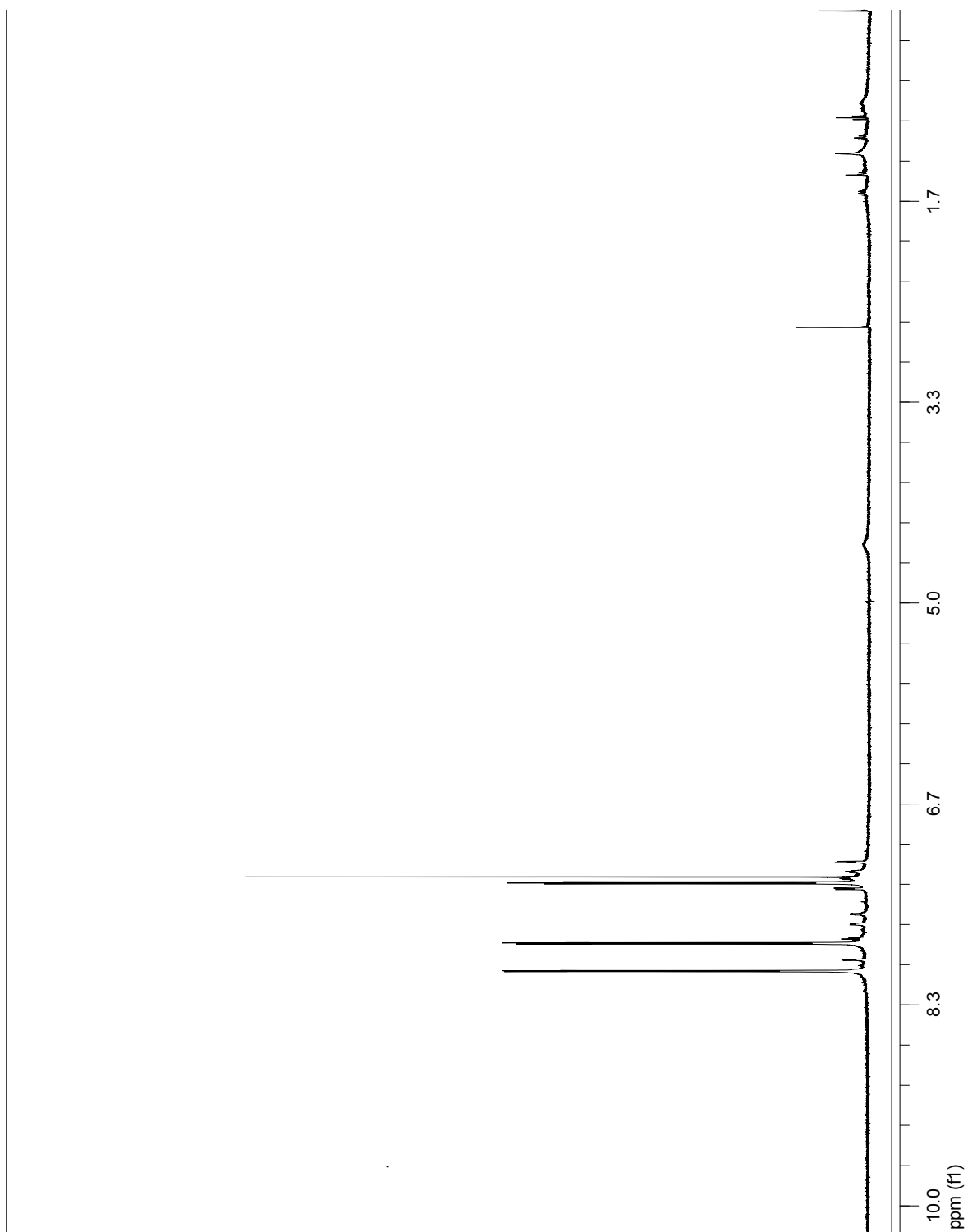


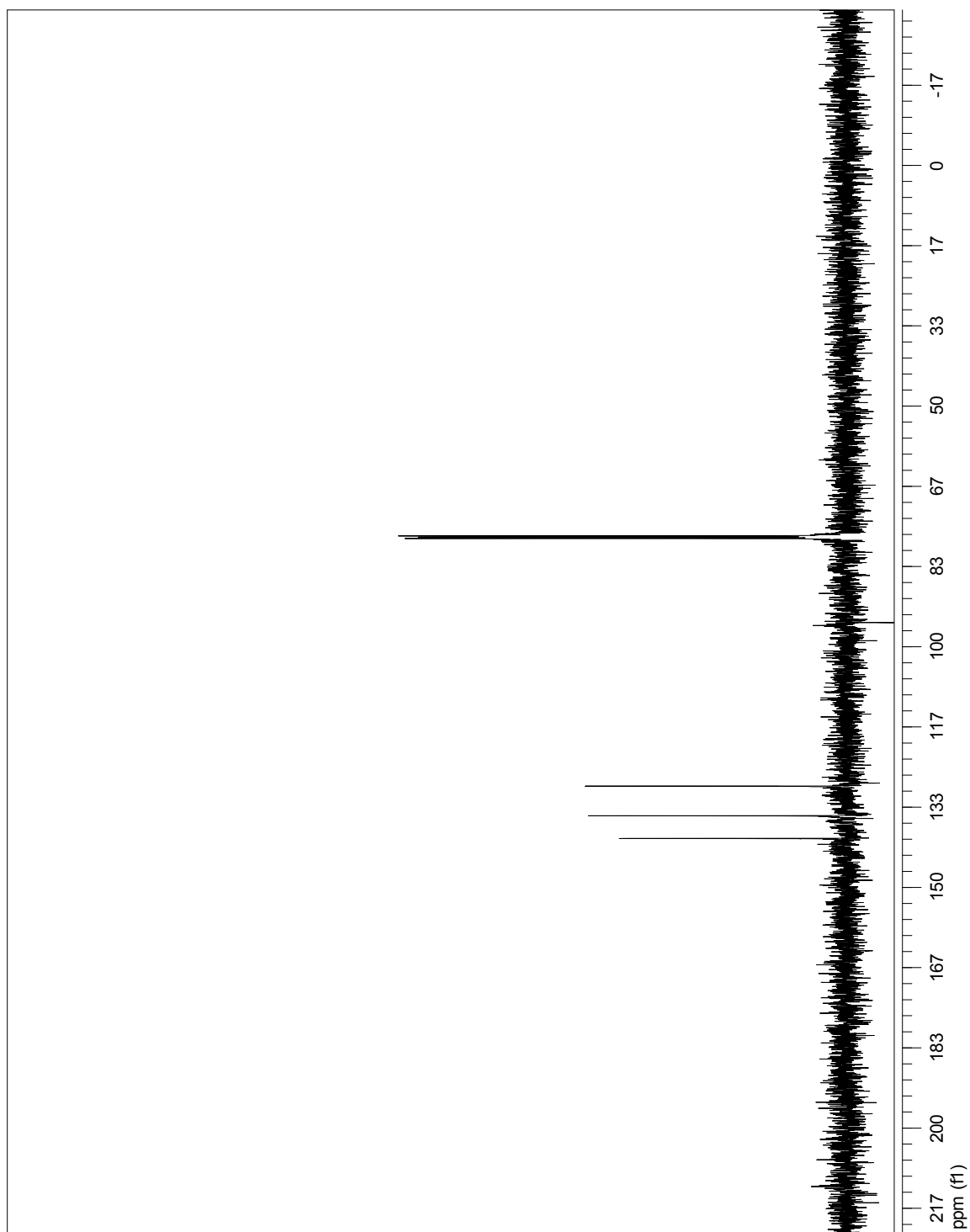


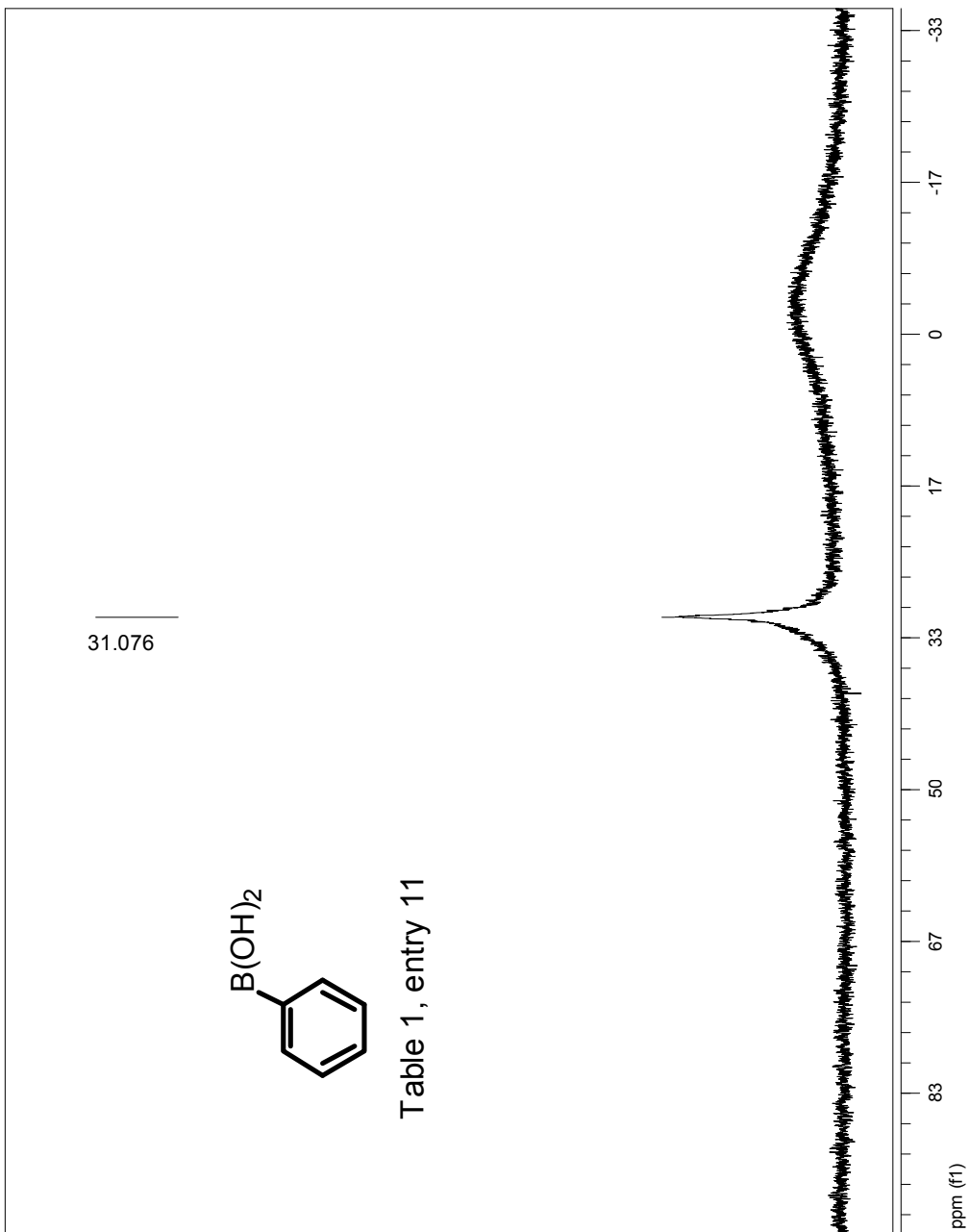












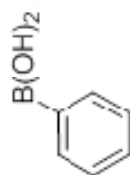
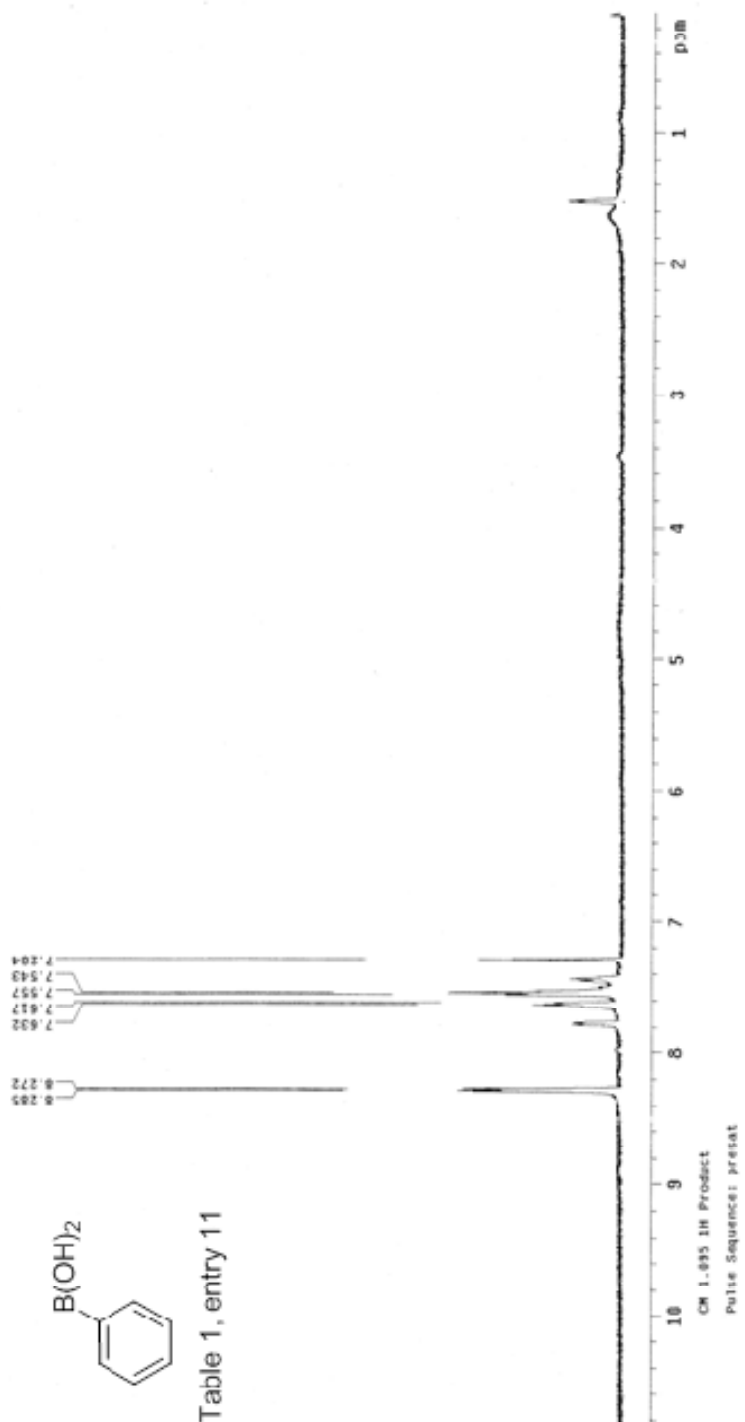


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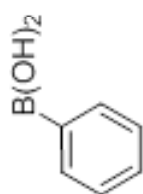
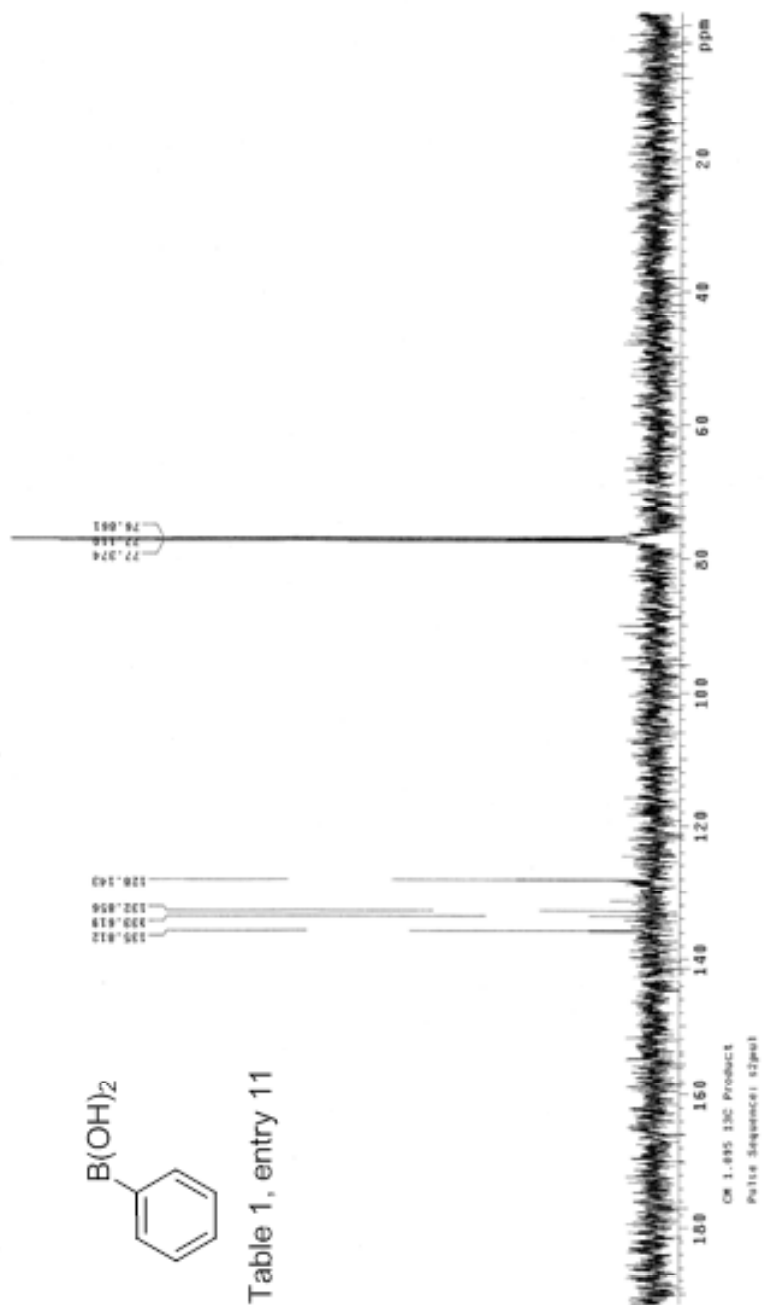


Table 1, entry 11



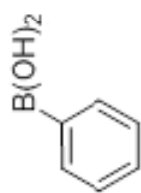
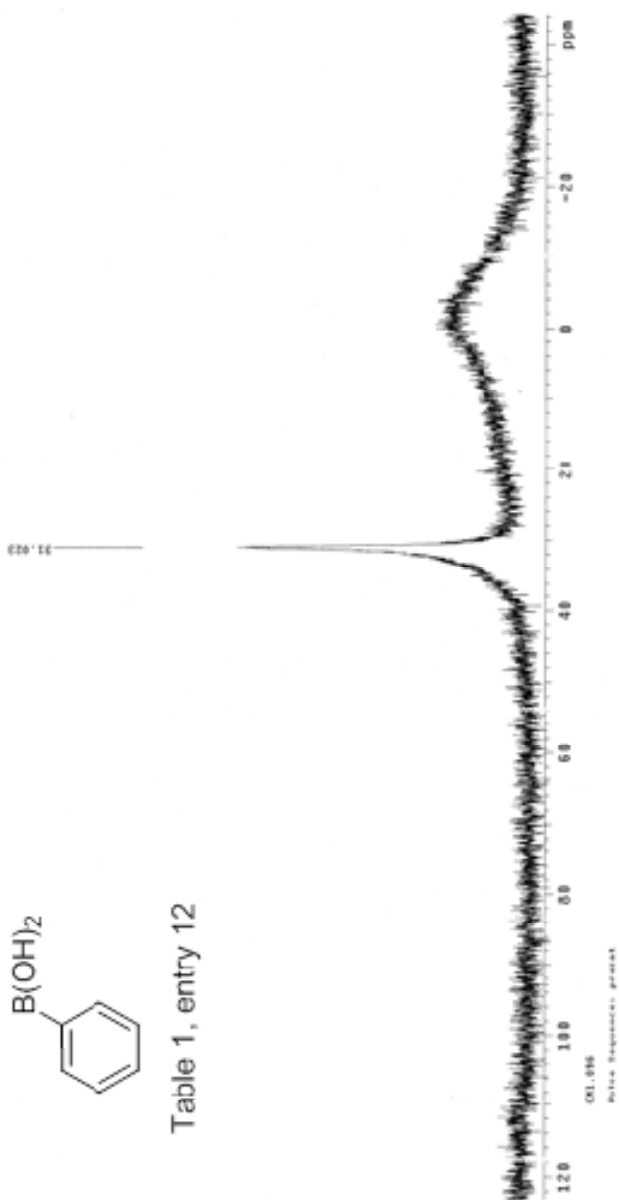


Table 1, entry 12



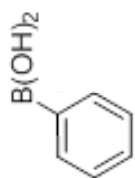
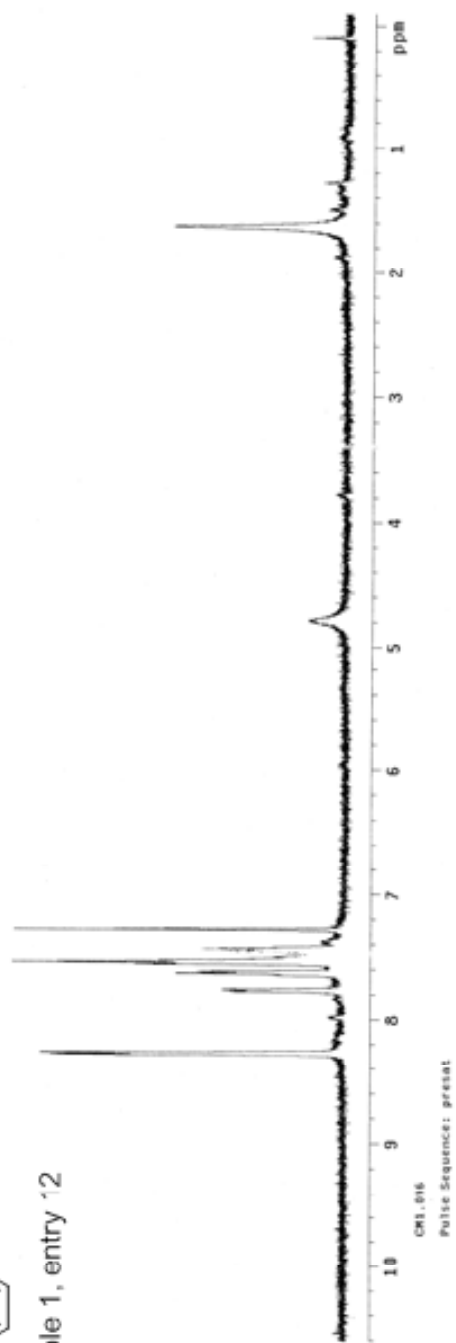


Table 1, entry 12



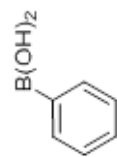


Table 1, entry 12

