

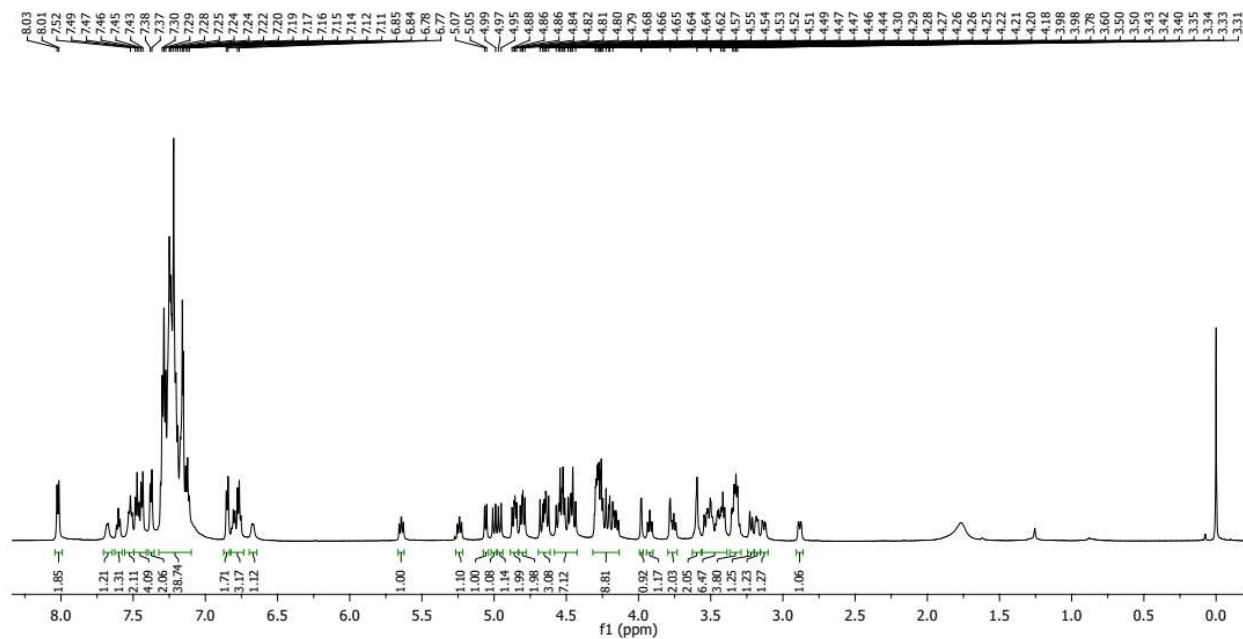
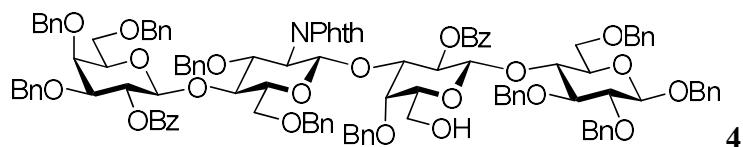
Supporting Information

The chemical synthesis of human milk oligosaccharides: lacto-*N*-neohexaose (Gal β 1 \rightarrow 4GlcNAc β 1 \rightarrow)₂ 3,6Gal β 1 \rightarrow 4Glc

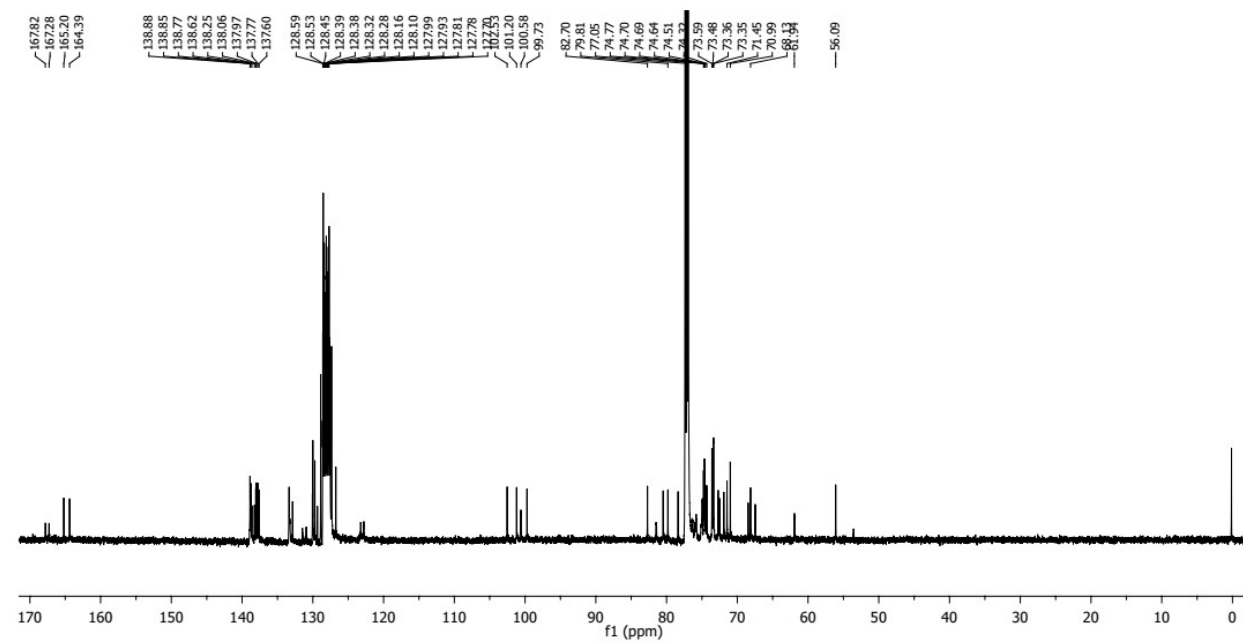
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Department of Chemistry and Biochemistry, University of Missouri – St. Louis, One University Boulevard, St. Louis, Missouri 63121, USA; demchenkoa@umsl.edu

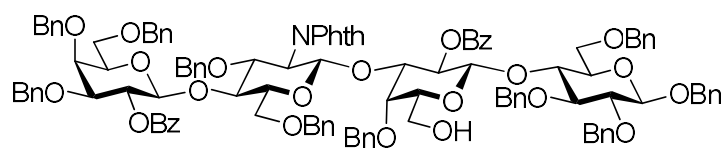
NMR Spectra



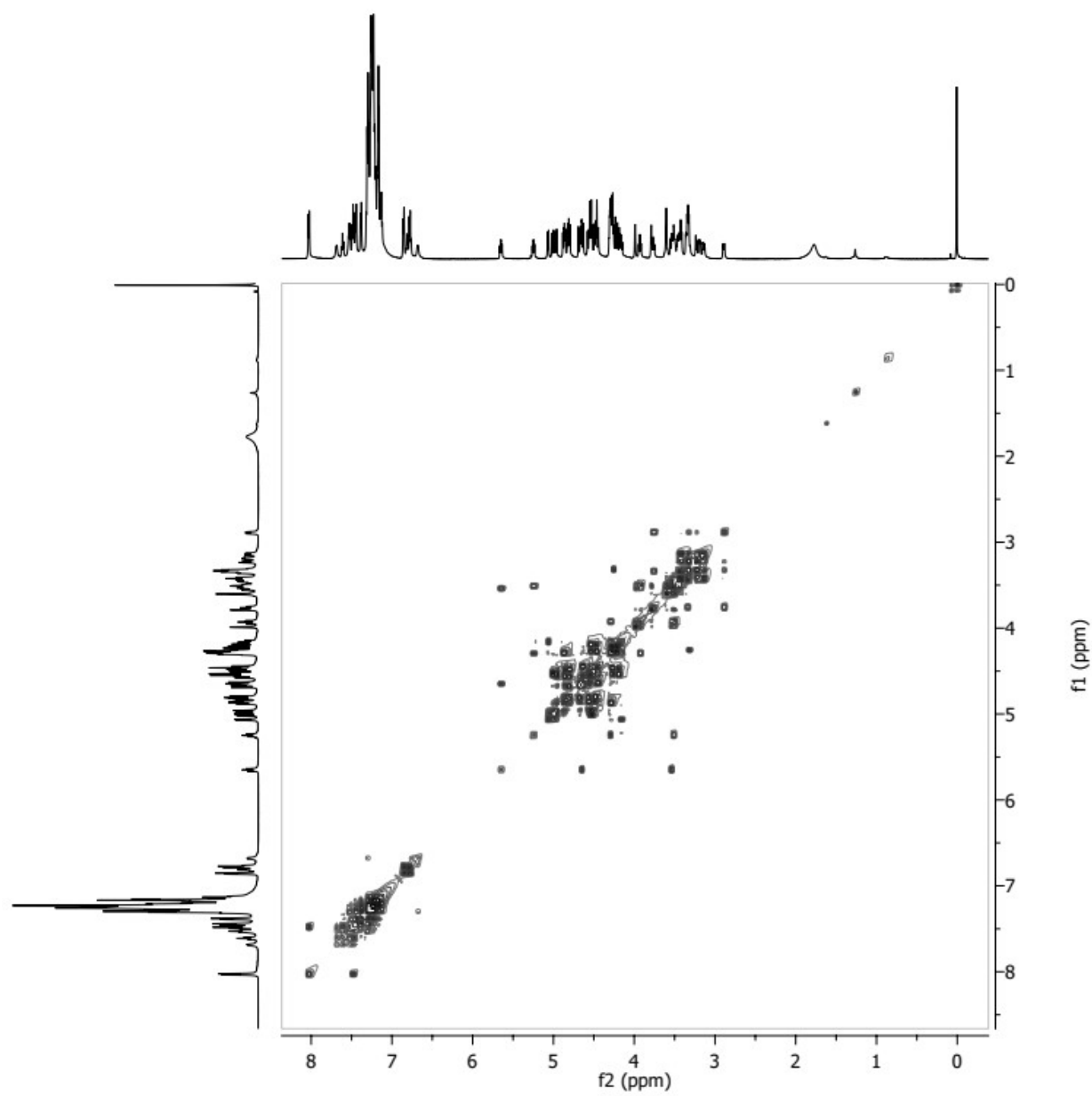
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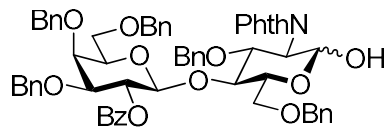
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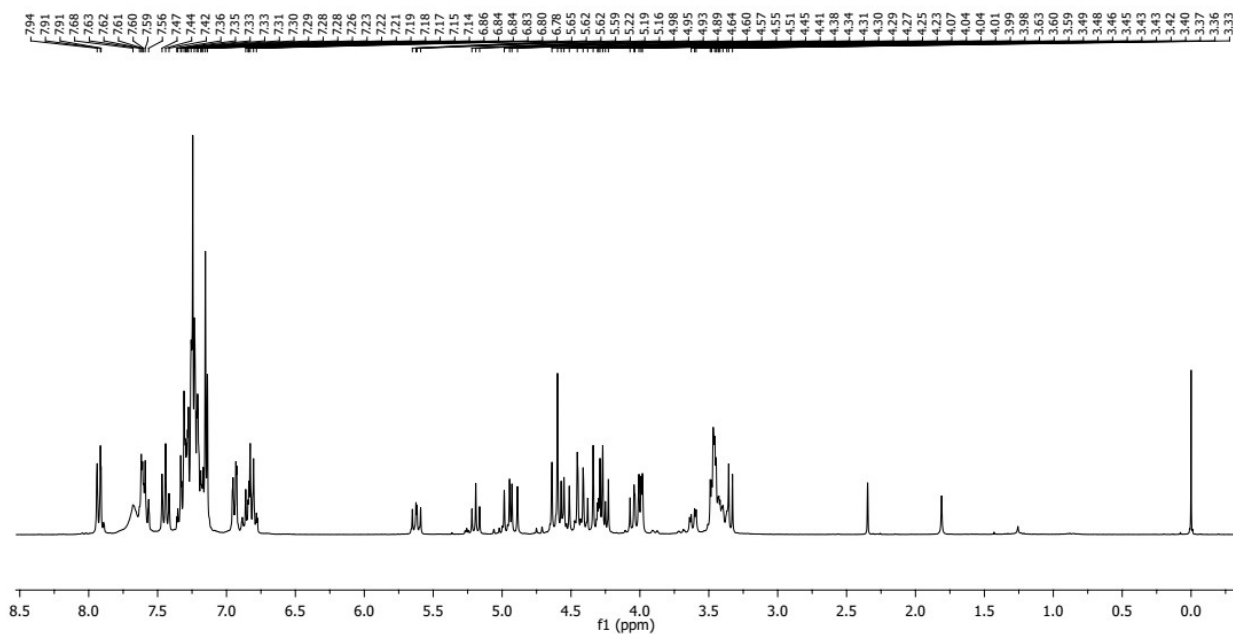
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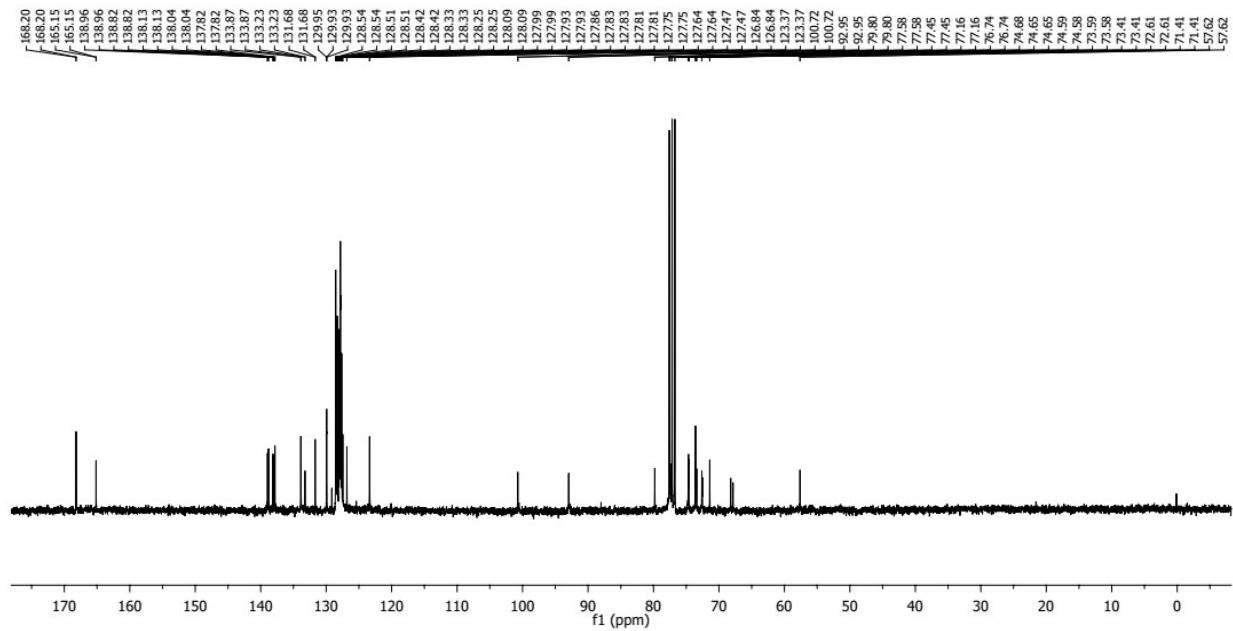
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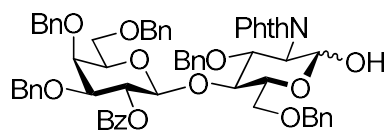
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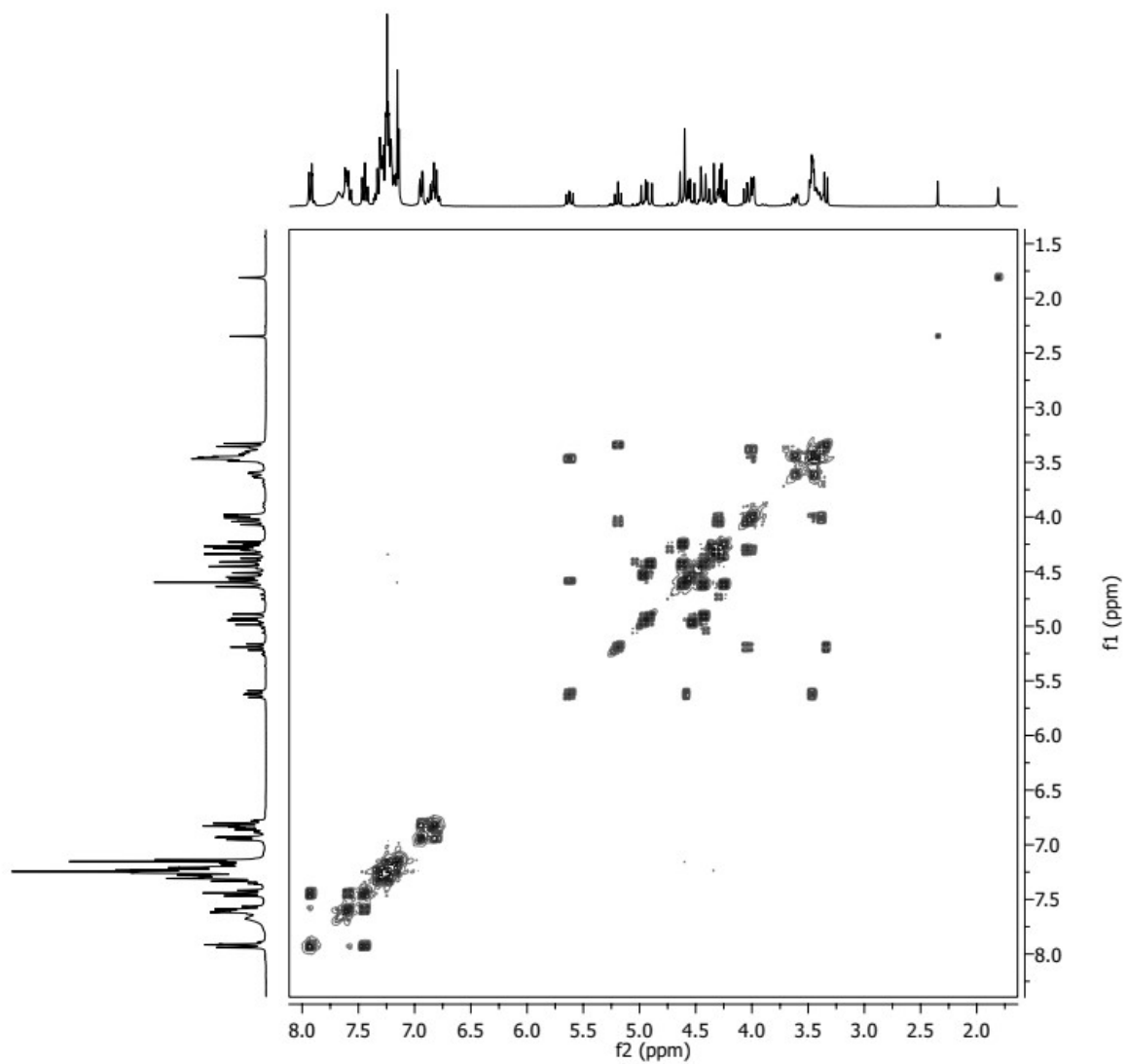
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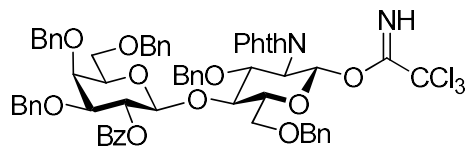
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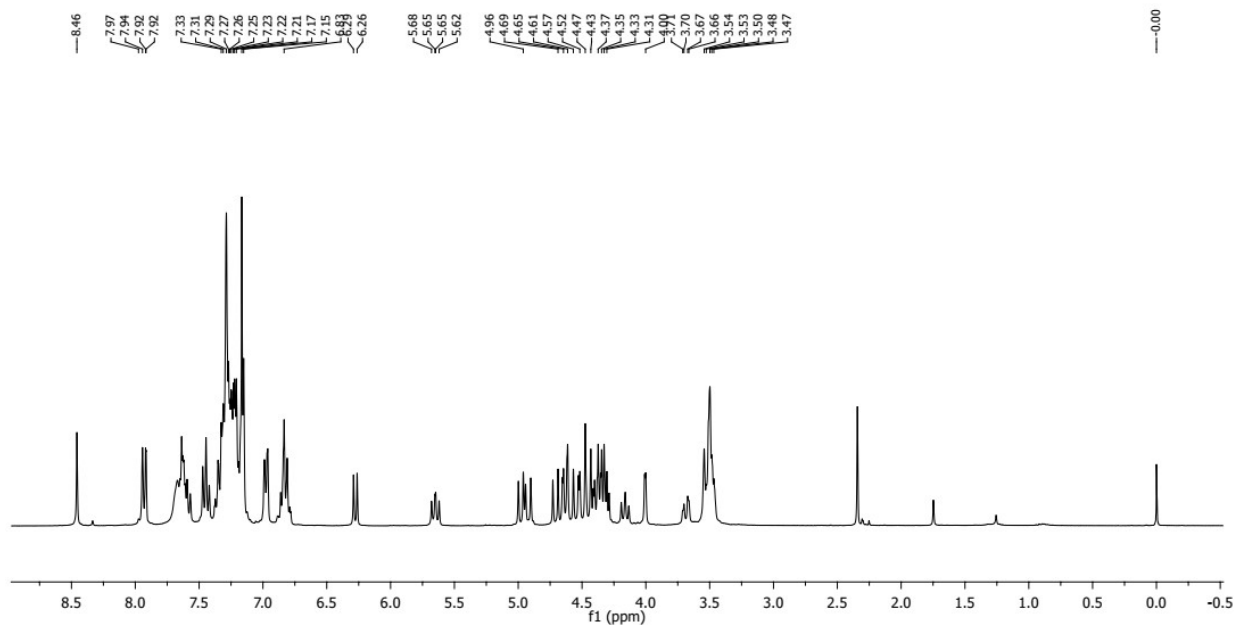
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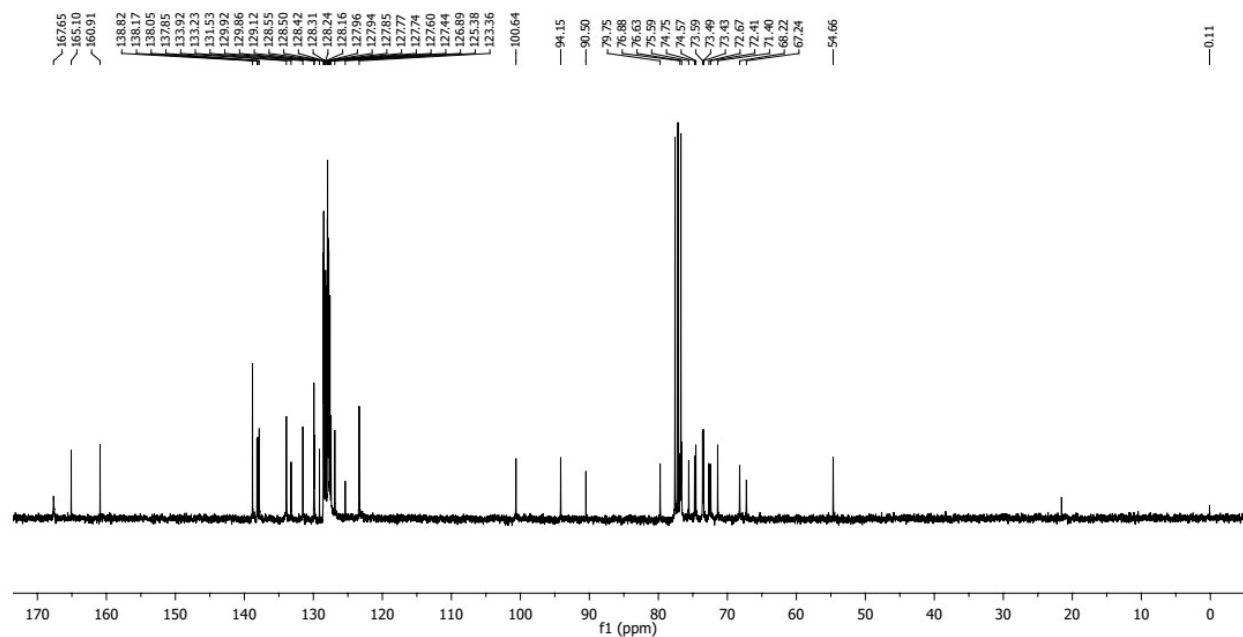
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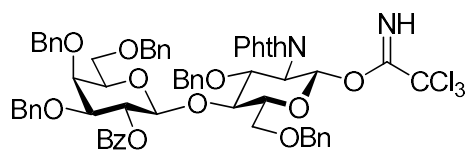
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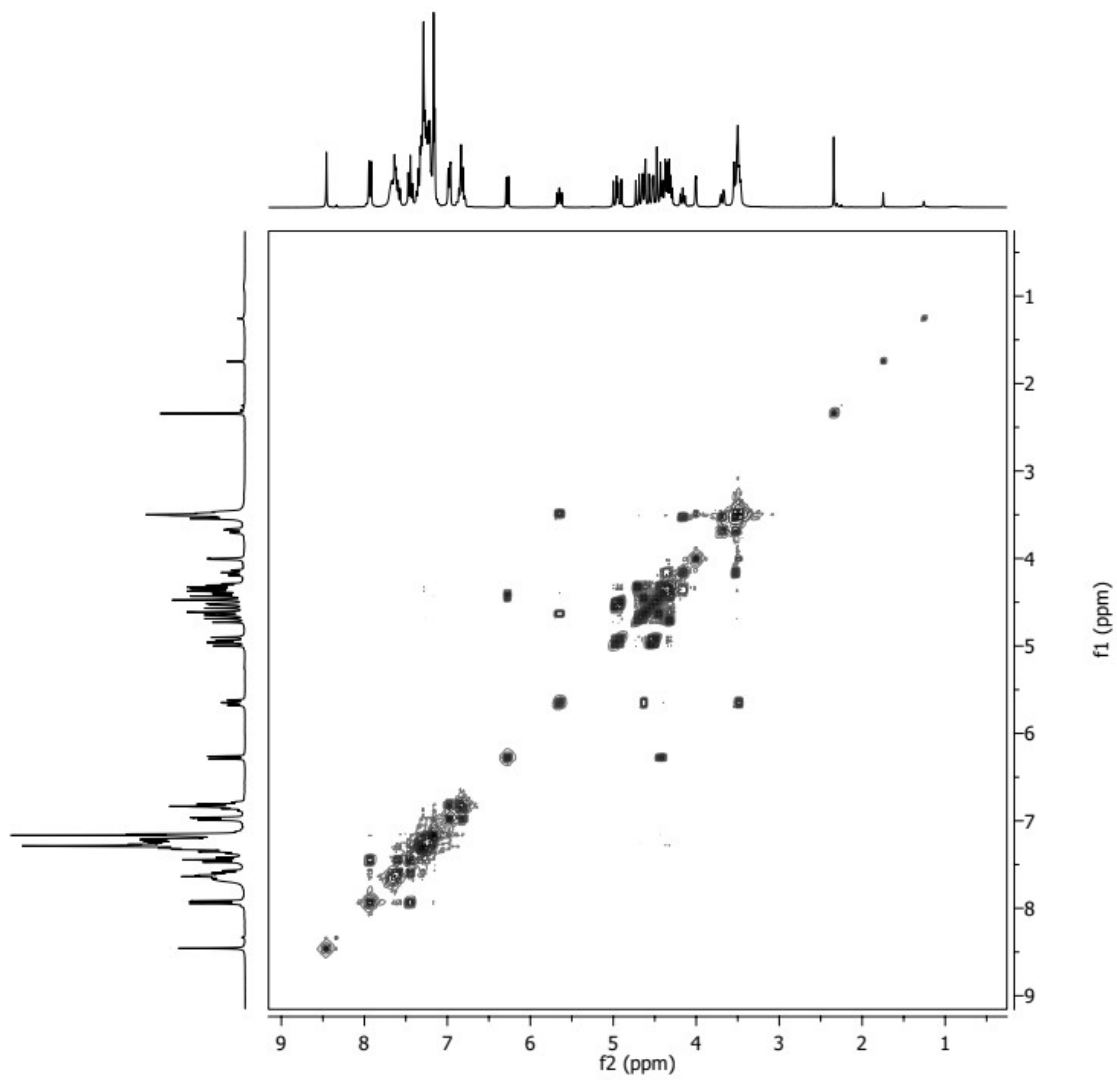
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CDCl₃ 75 MHz

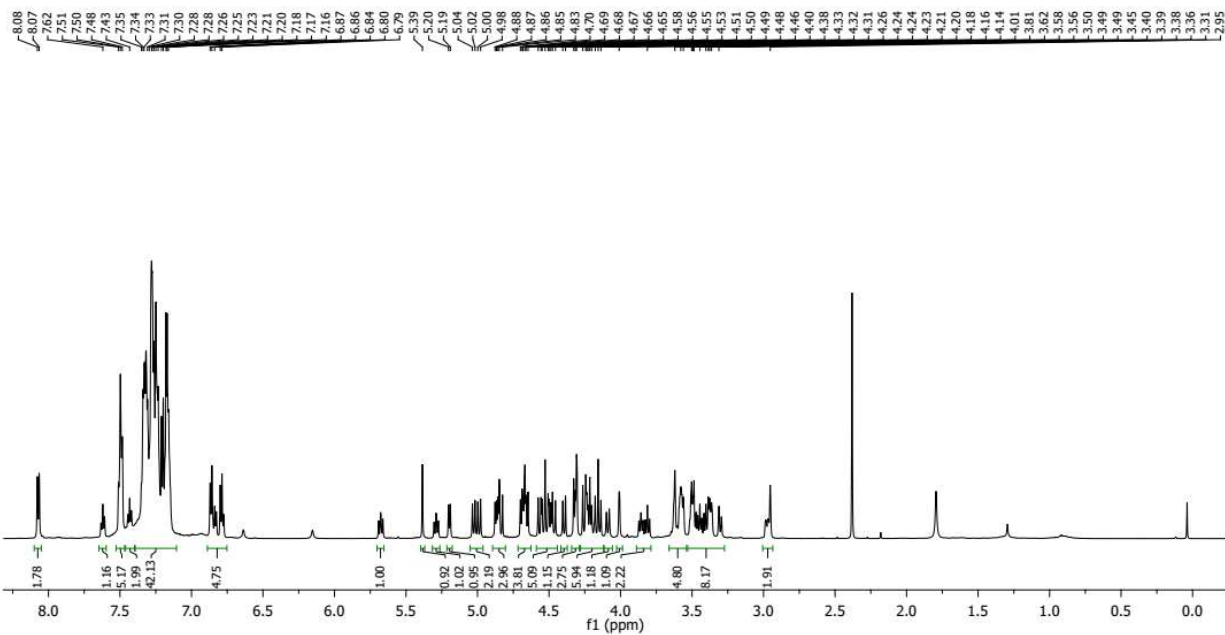
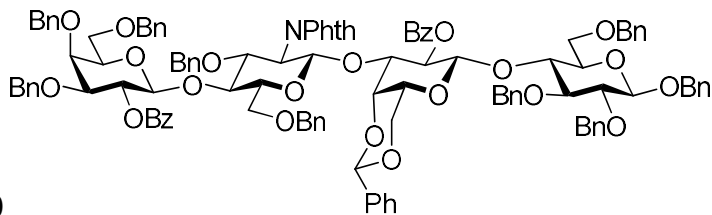


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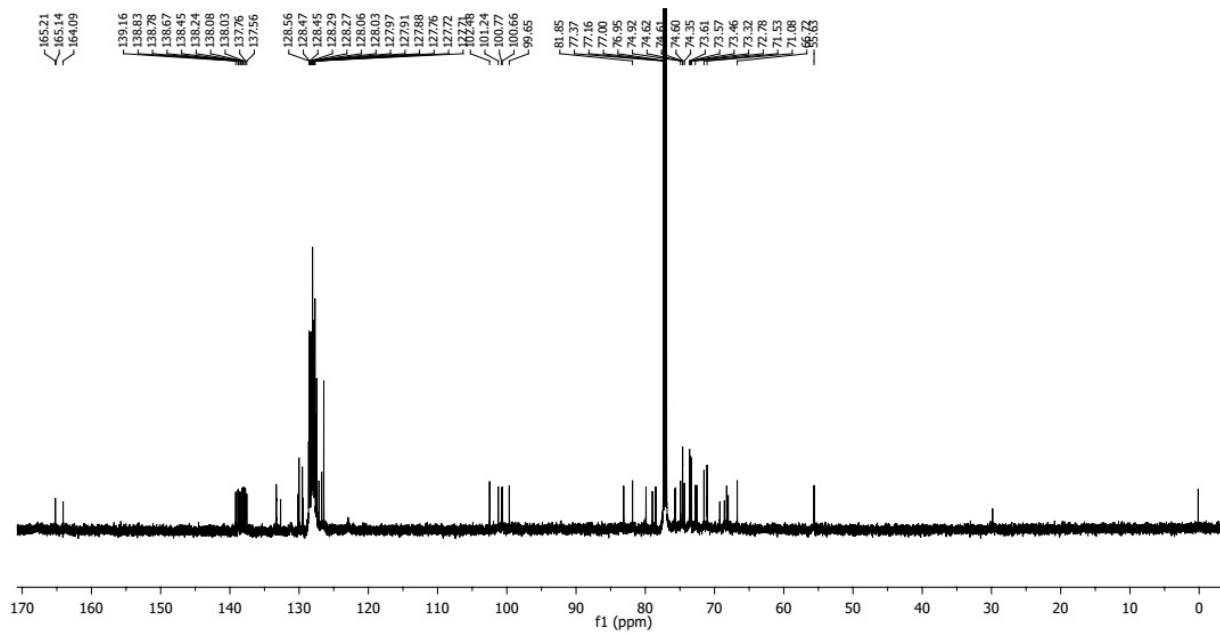


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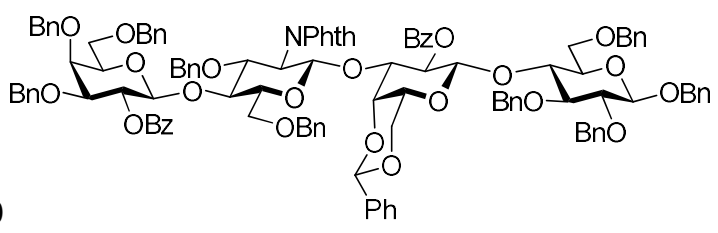
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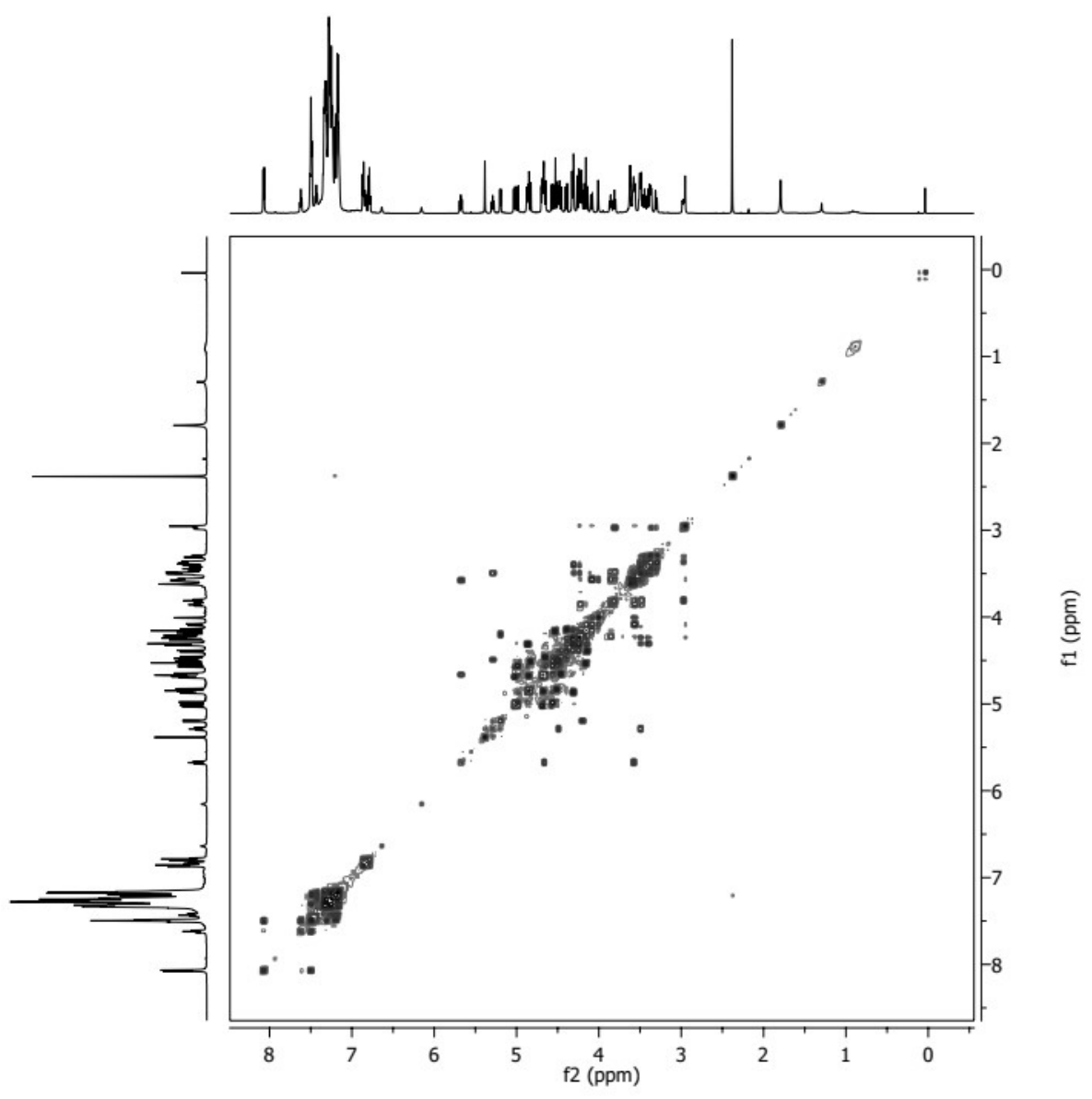
CDCl₃ 600 MHz



CDCl₃ 151 MHz

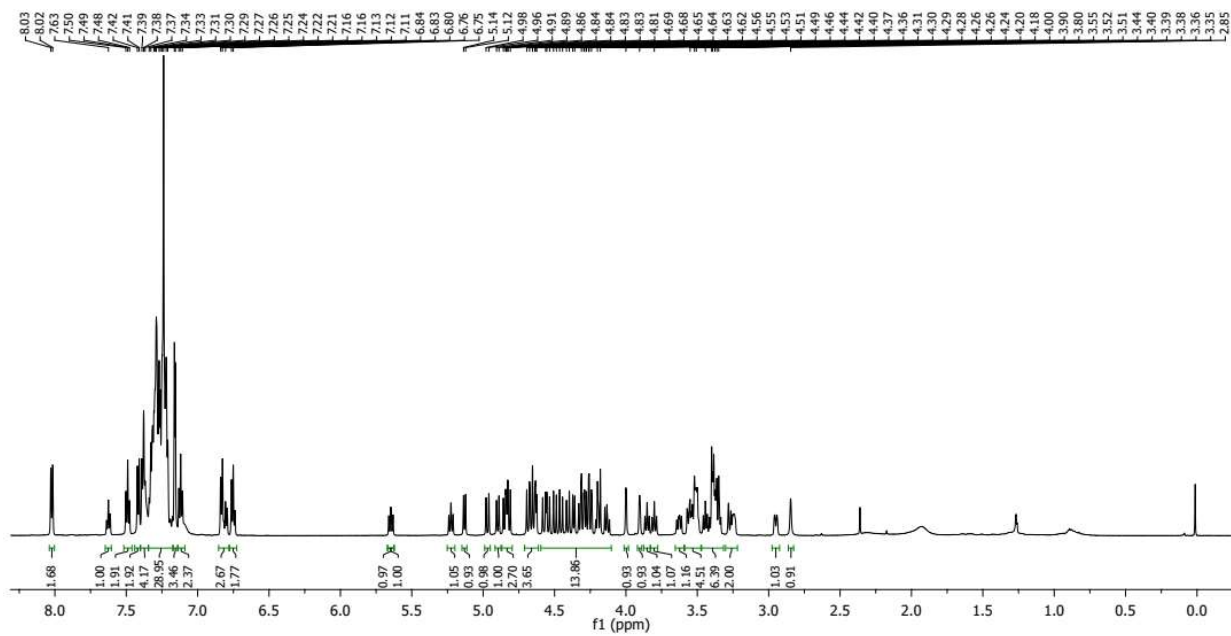
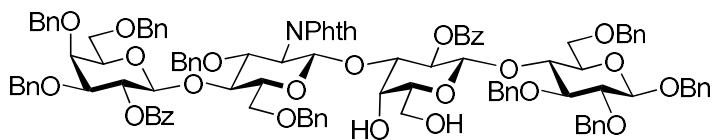


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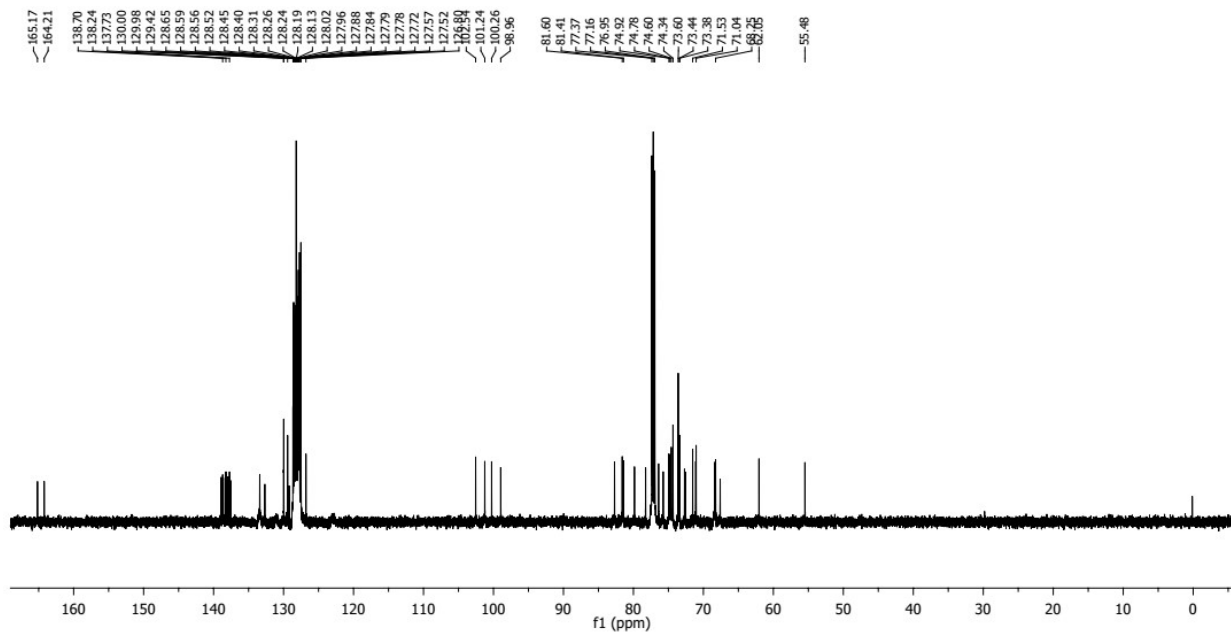


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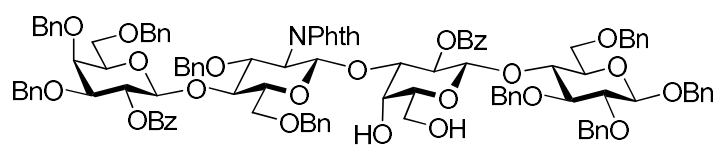
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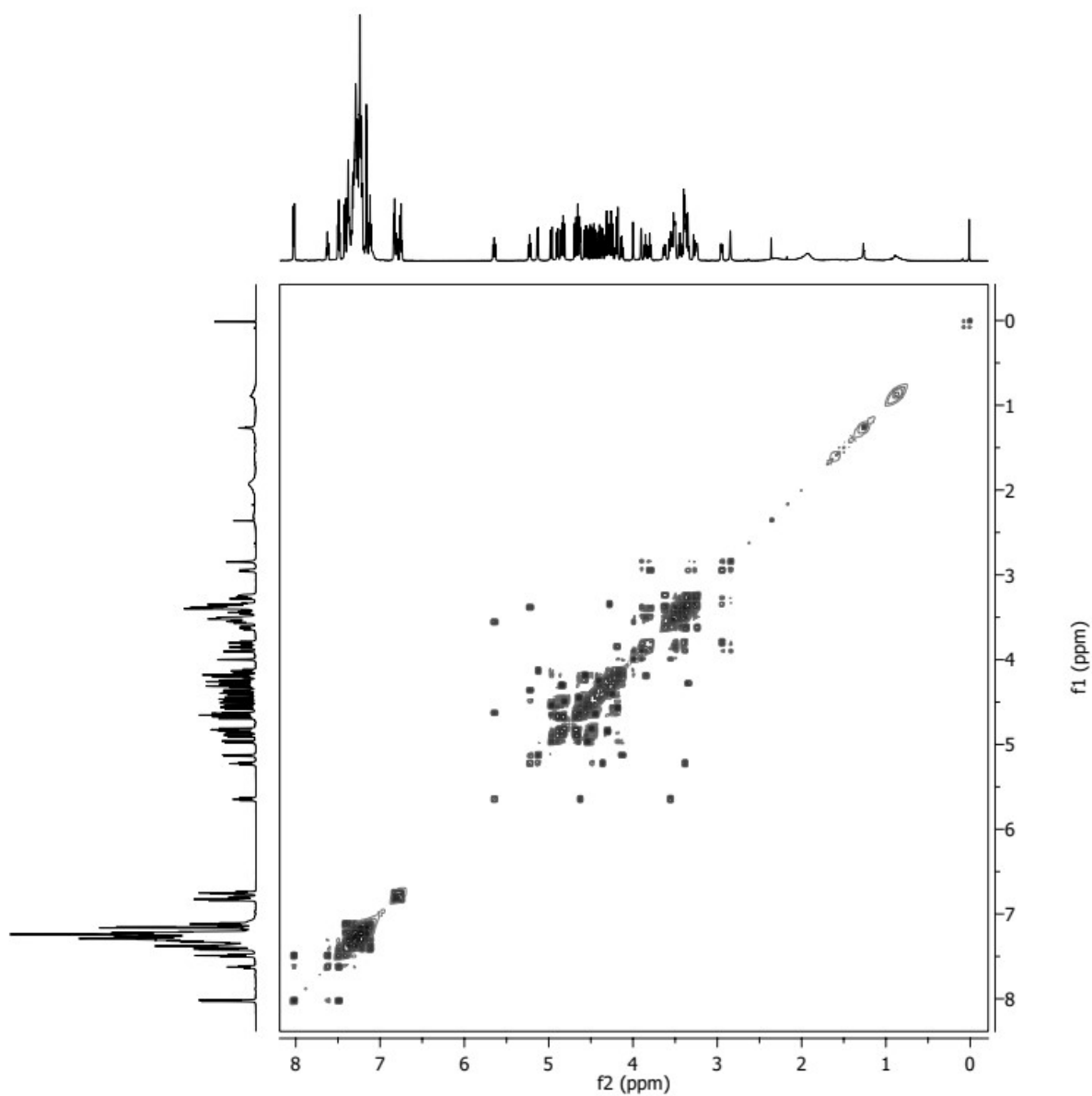
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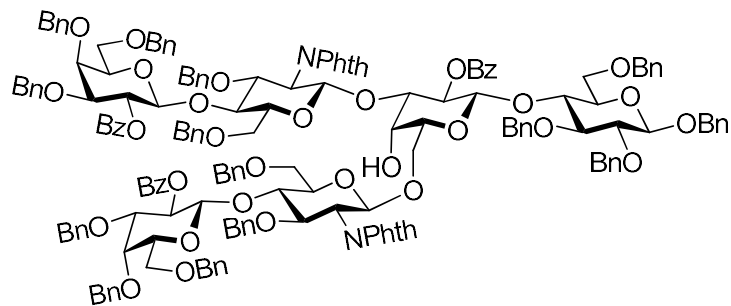
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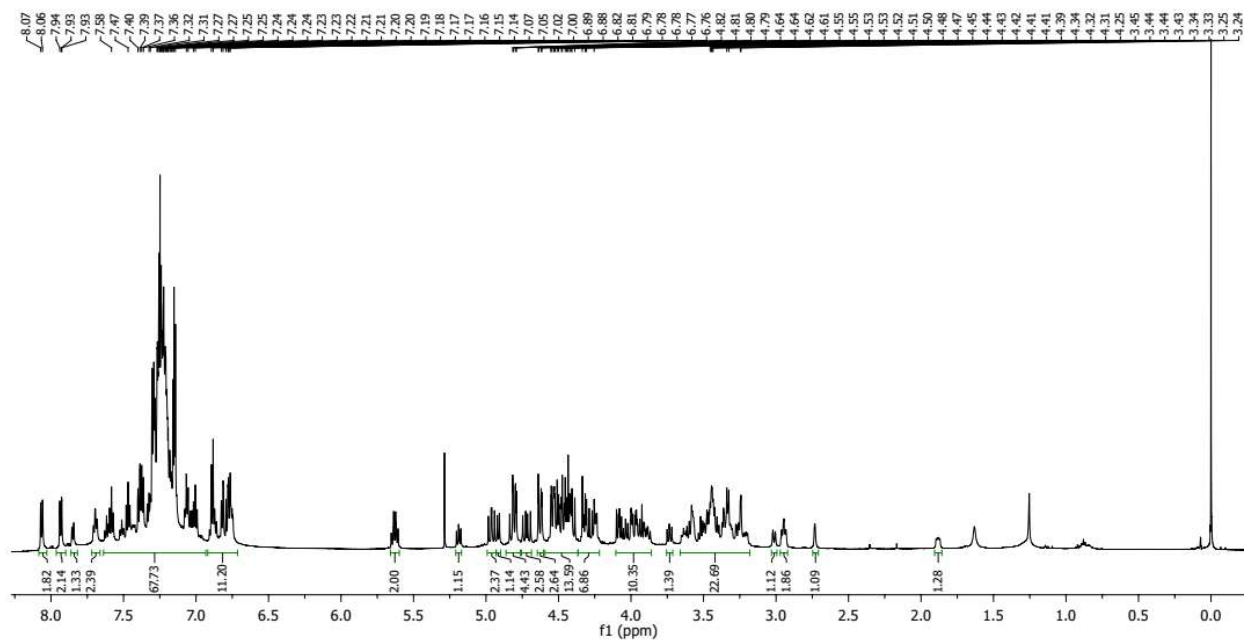
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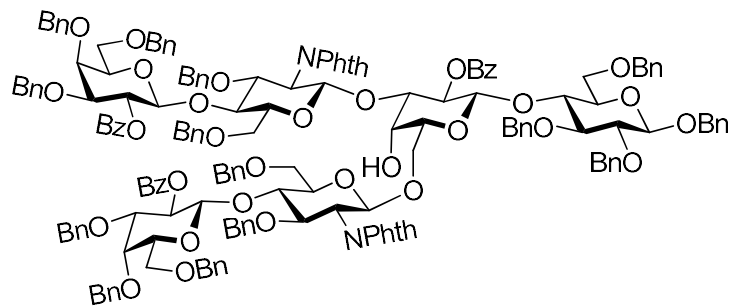
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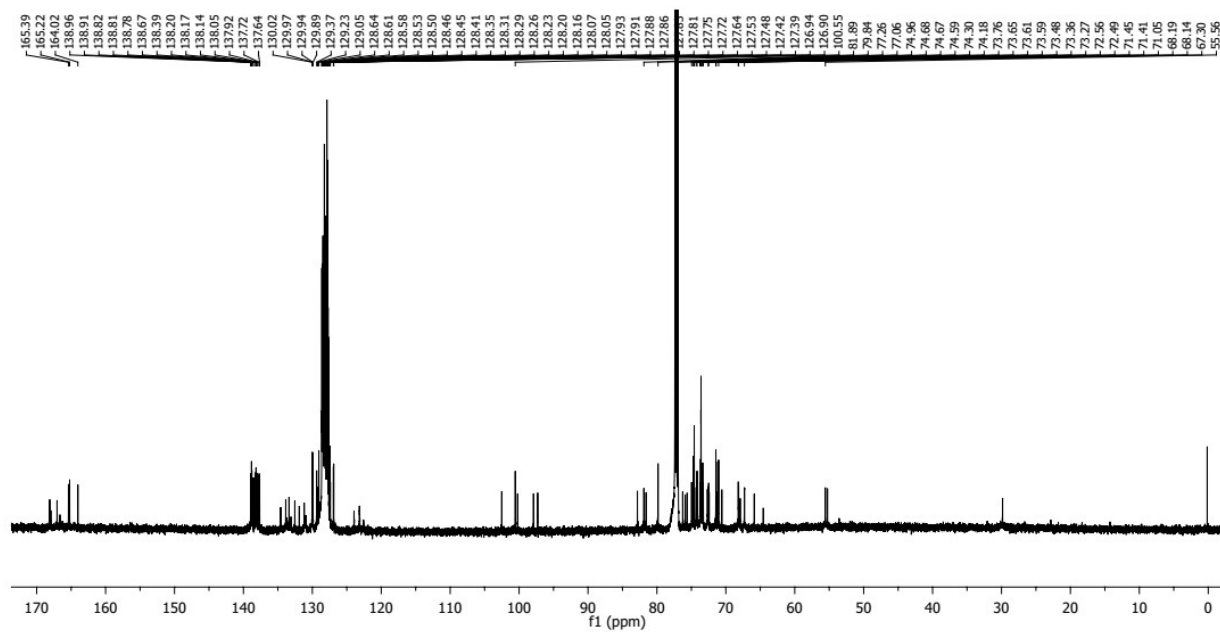
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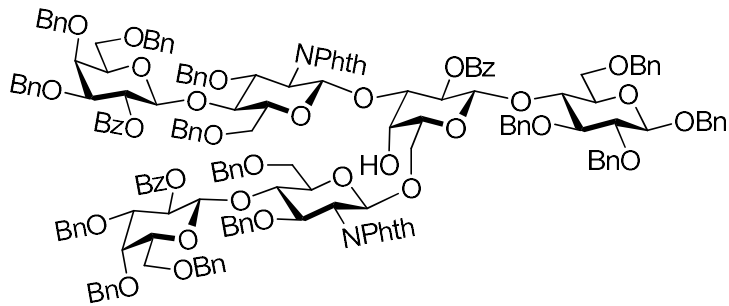
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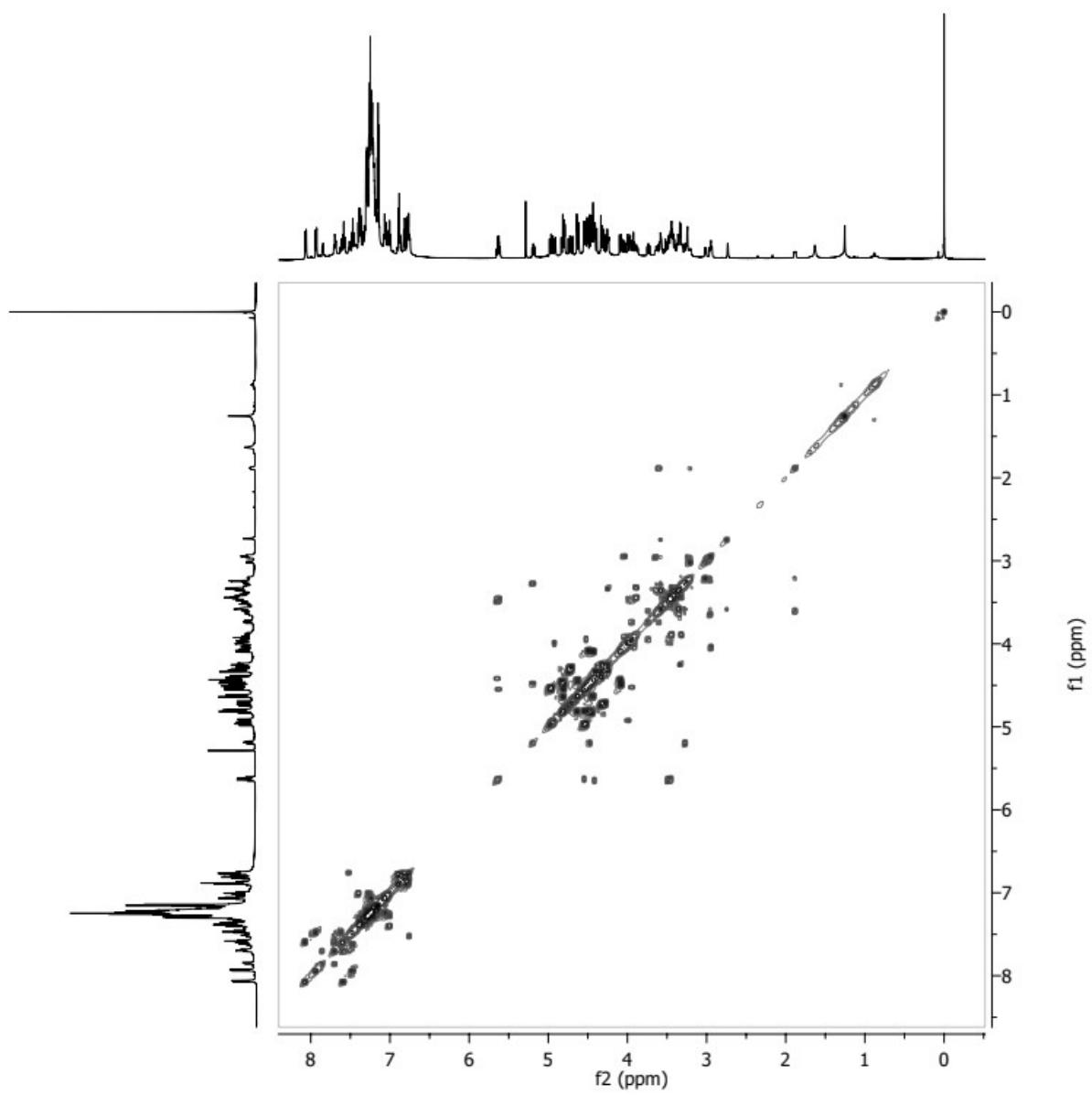
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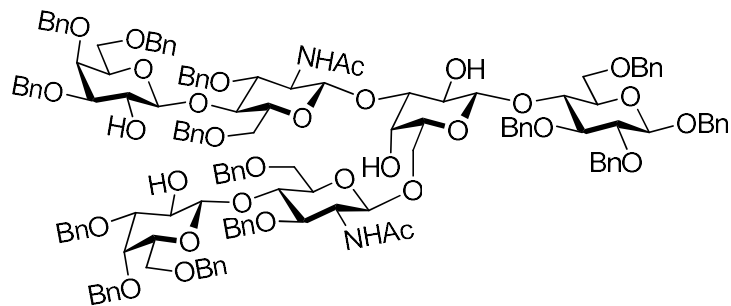
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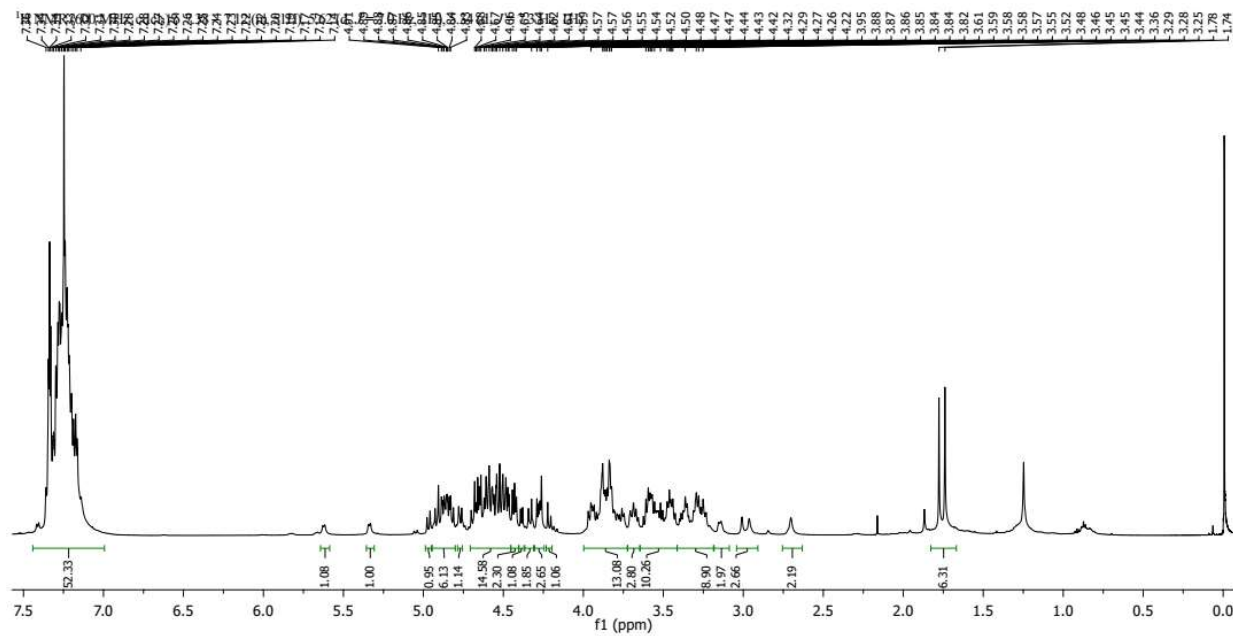
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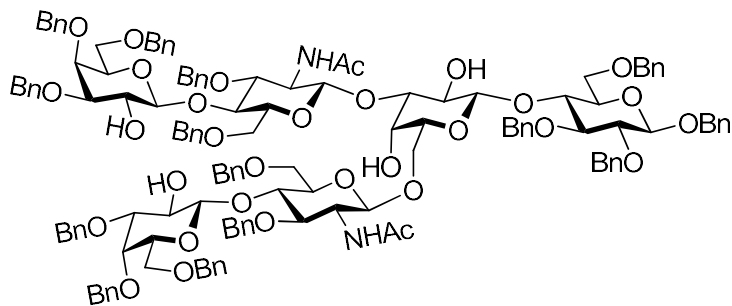
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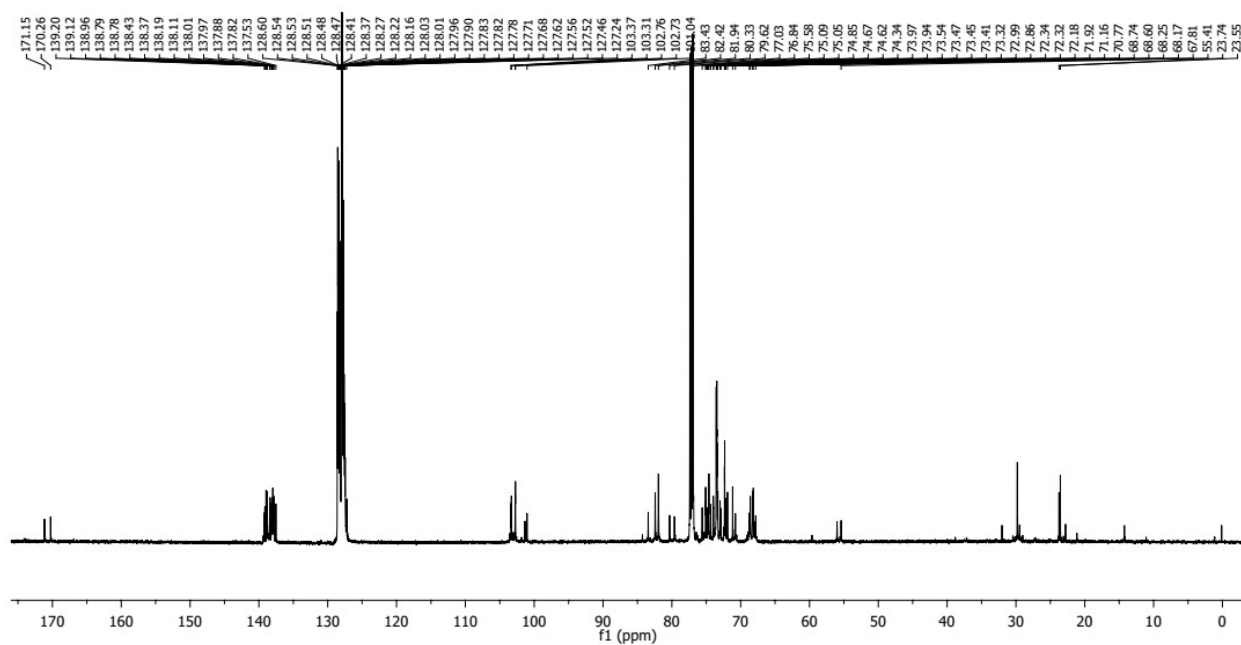
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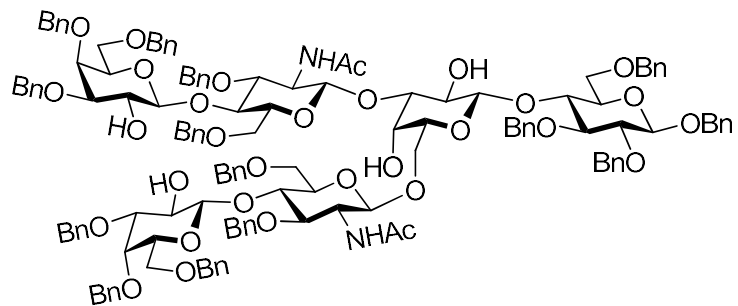
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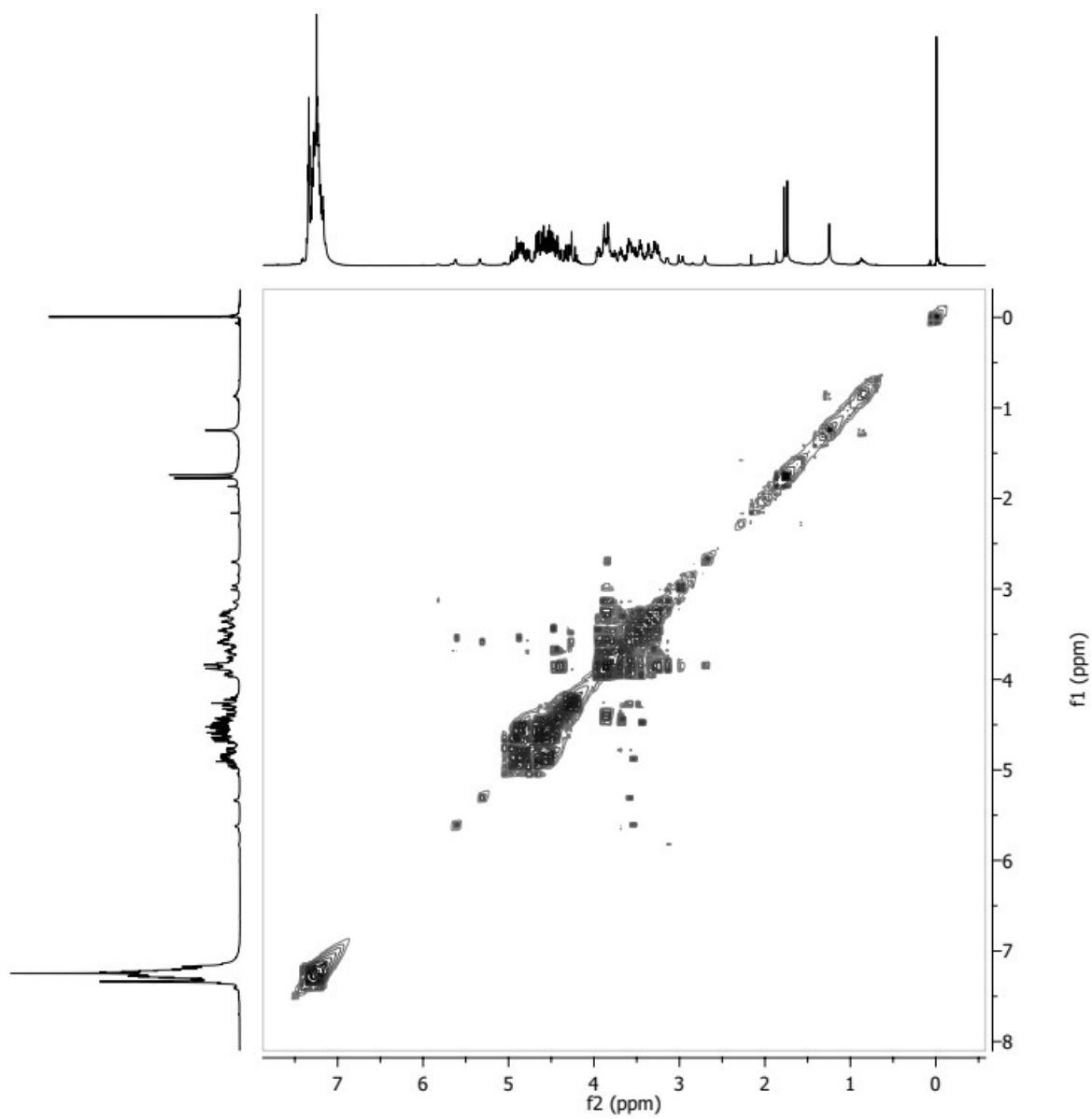
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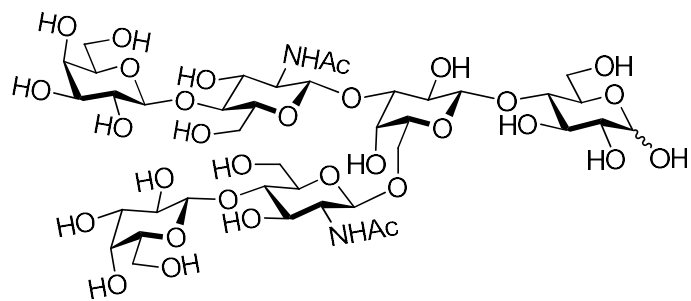
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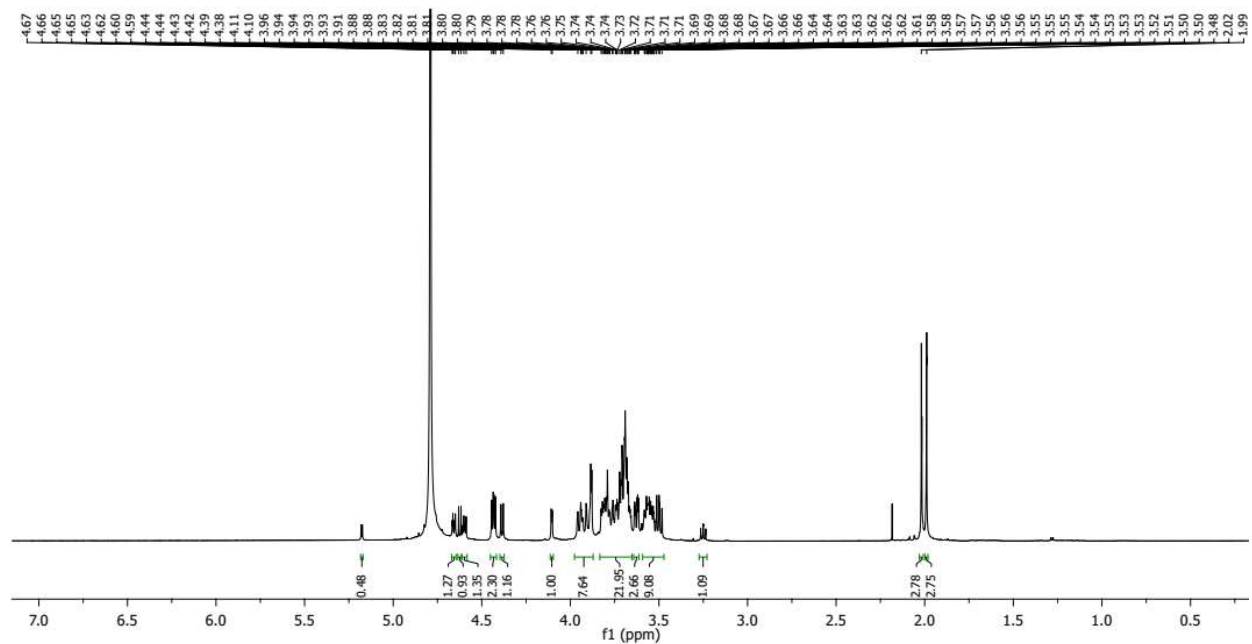
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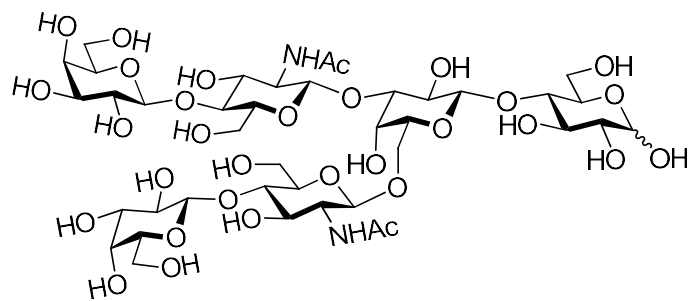
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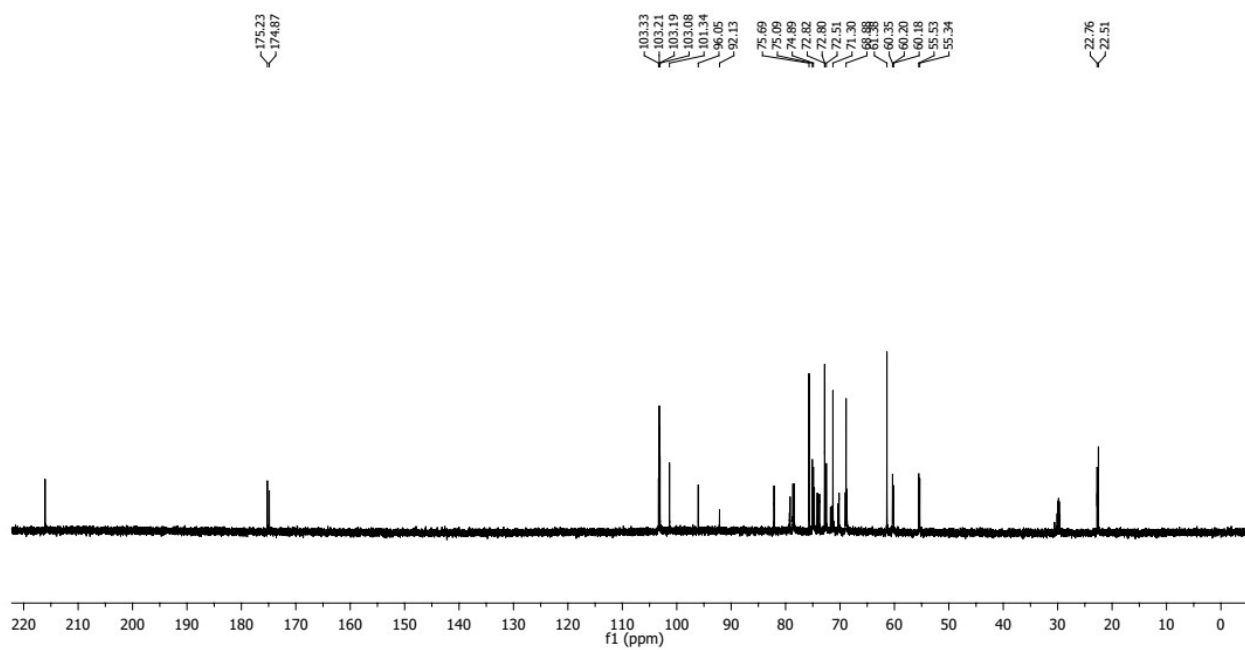
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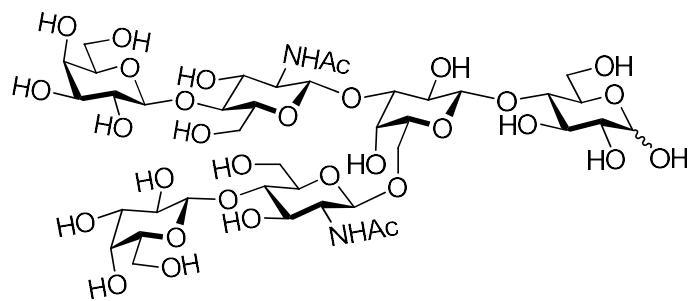
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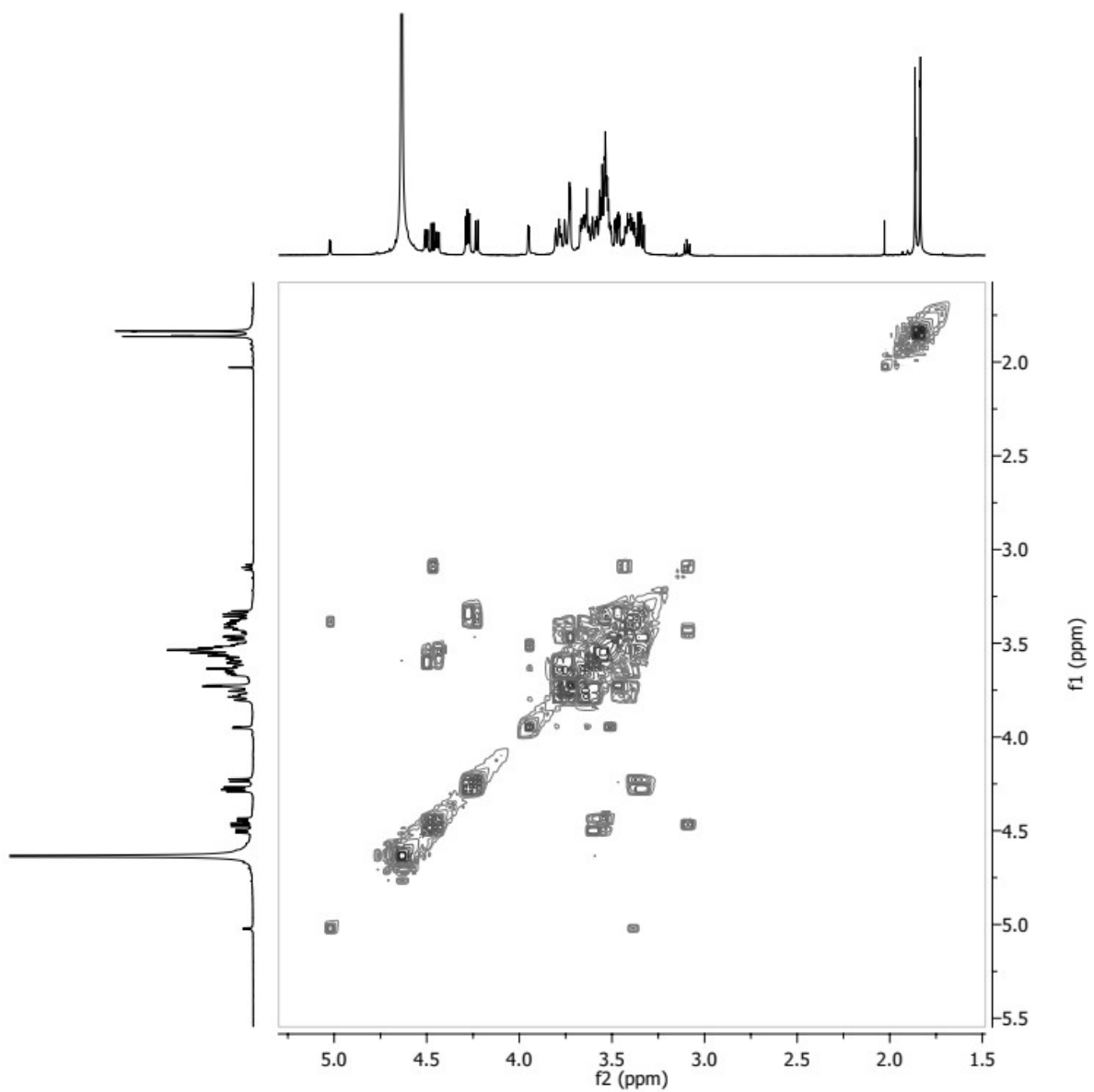
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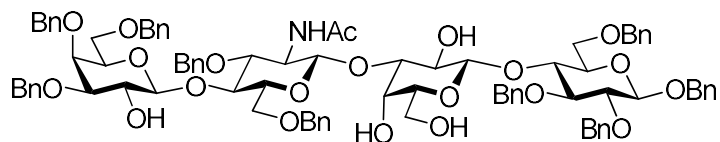
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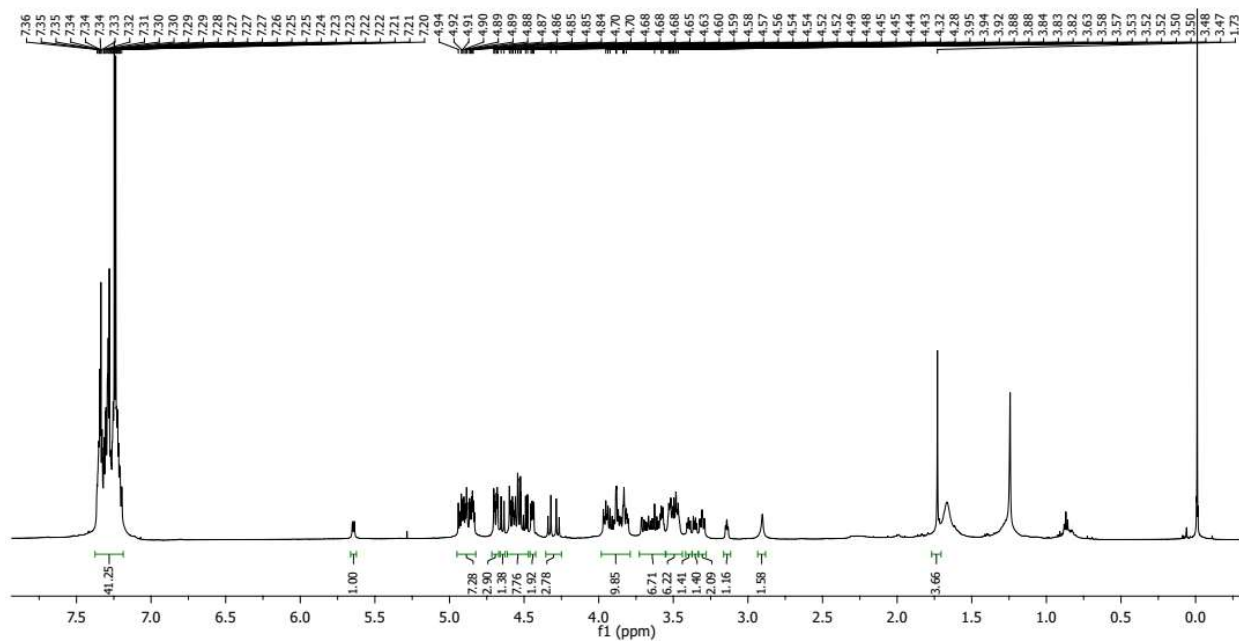
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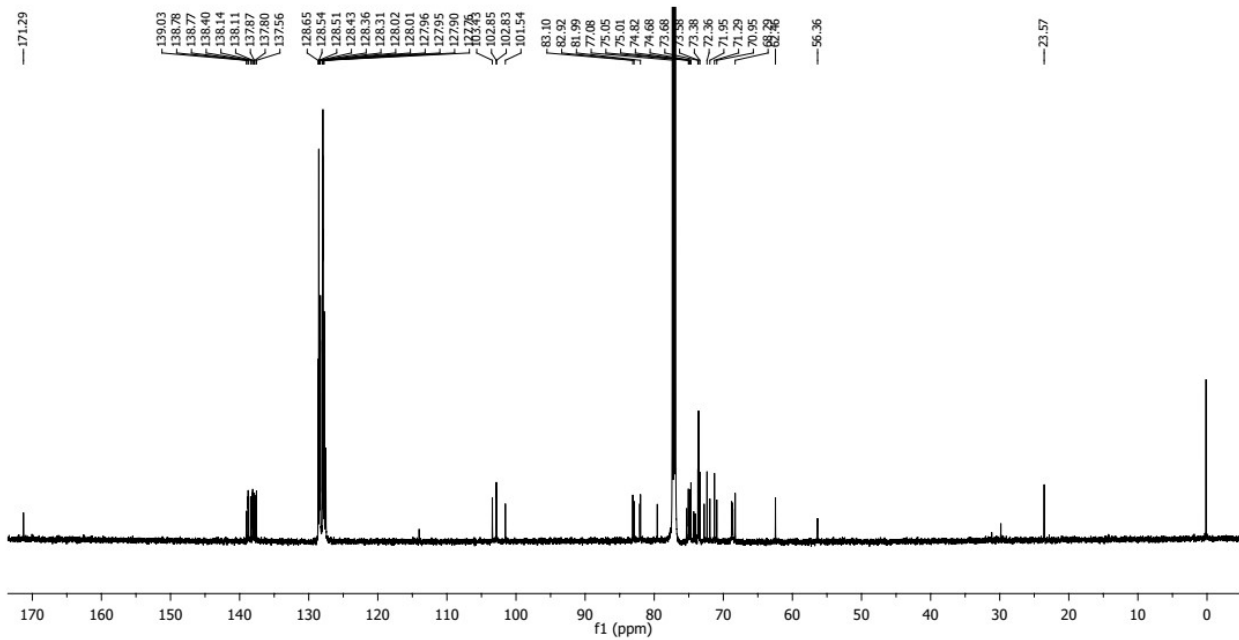
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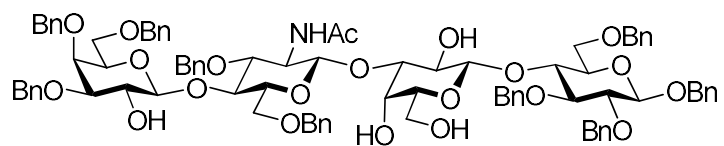
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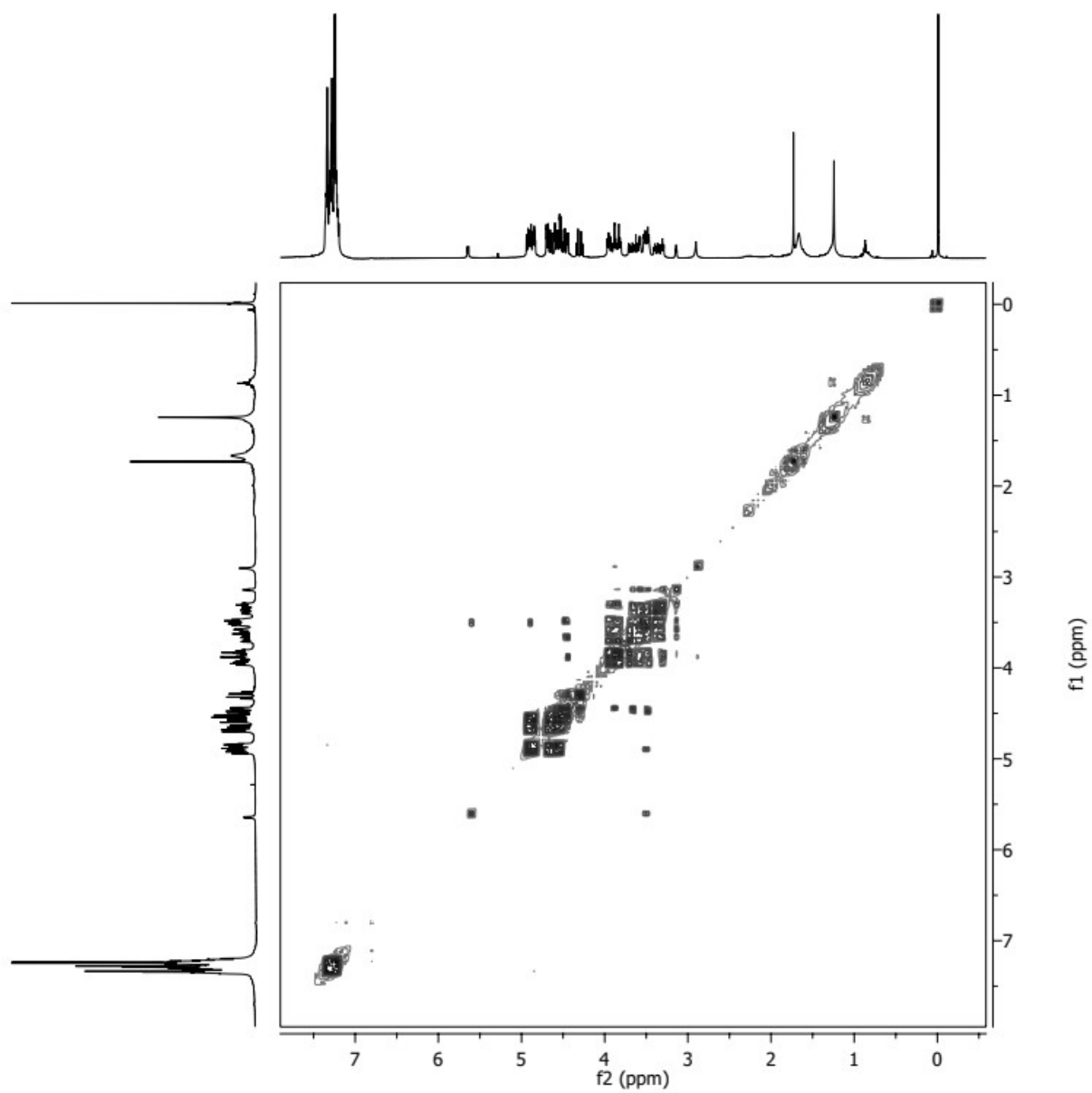
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CDCl₃ 151 MHz



14



CDCl₃ 600 MHz