

**Supporting Information File 2**  
**for**  
**Synthesis of new enantiopure**  
**poly(hydroxy)aminooxepanes as building blocks for**  
**multivalent carbohydrate mimetics**

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\* Corresponding author

**Characterization data  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra of**  
**synthesized compounds**

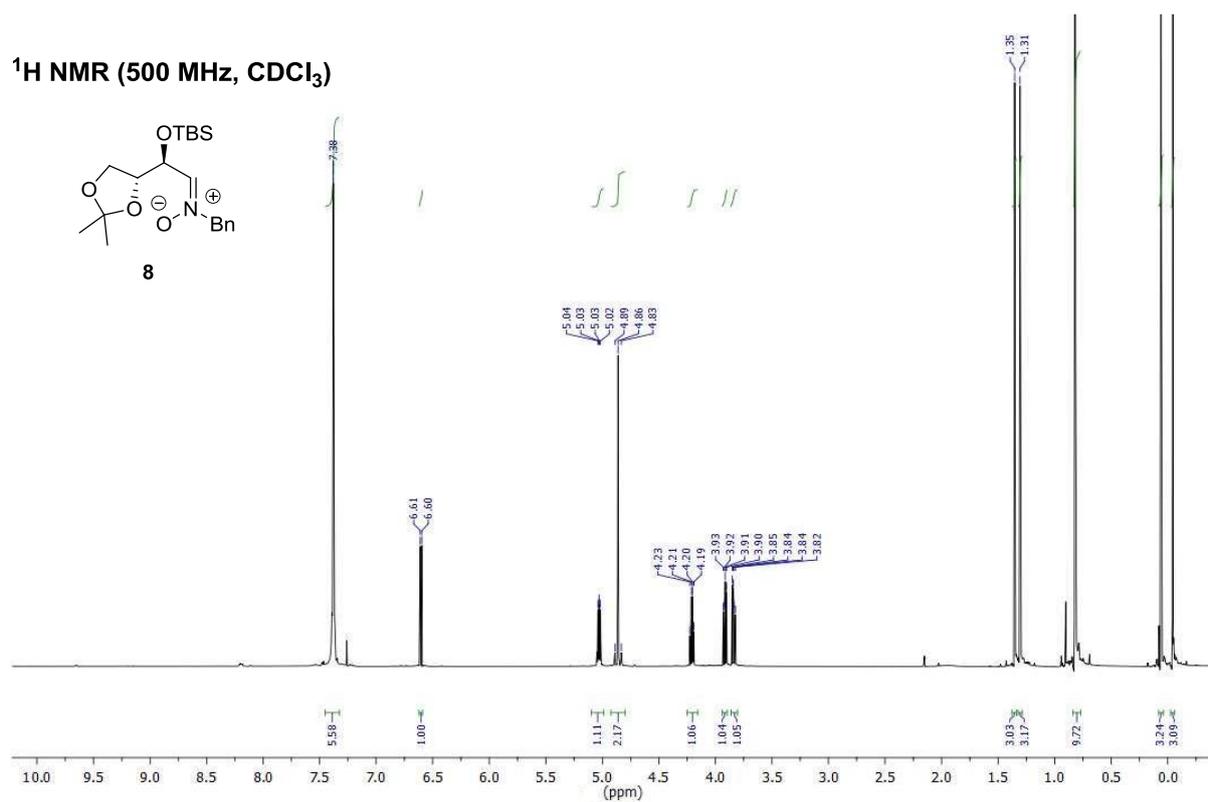
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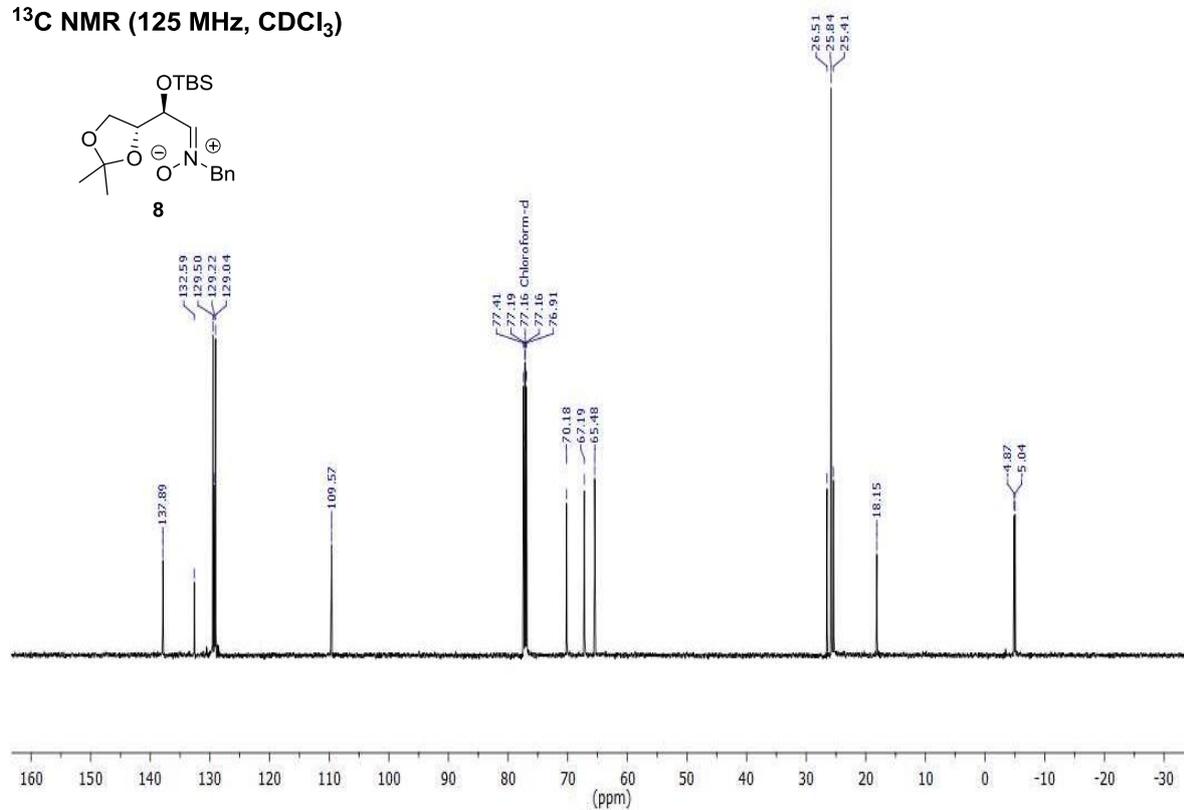




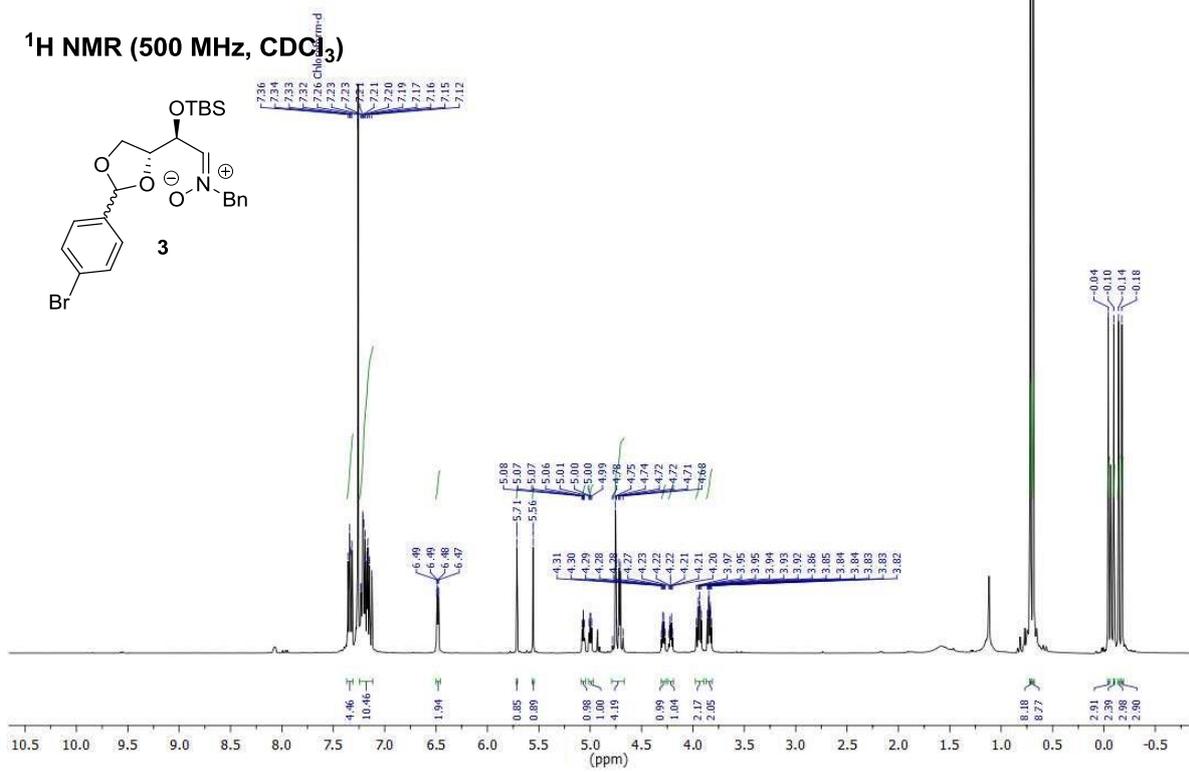
**<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)**



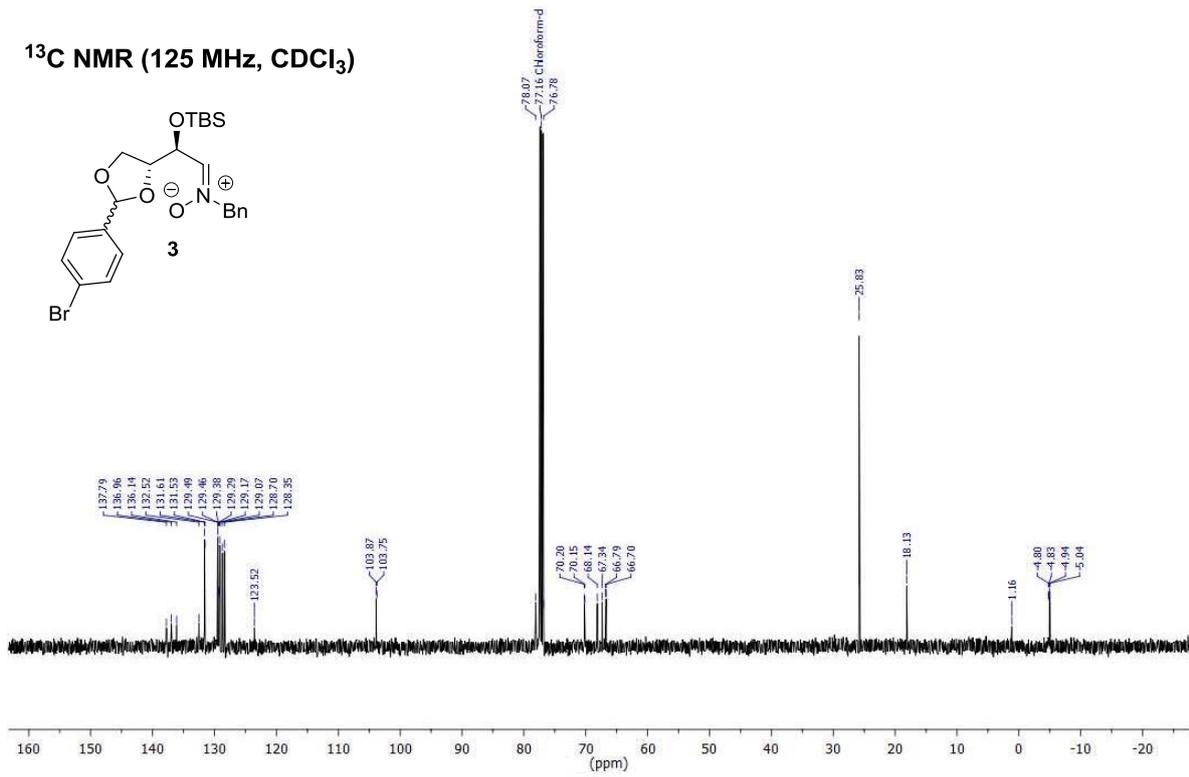
**<sup>13</sup>C NMR (125 MHz, CDCl<sub>3</sub>)**



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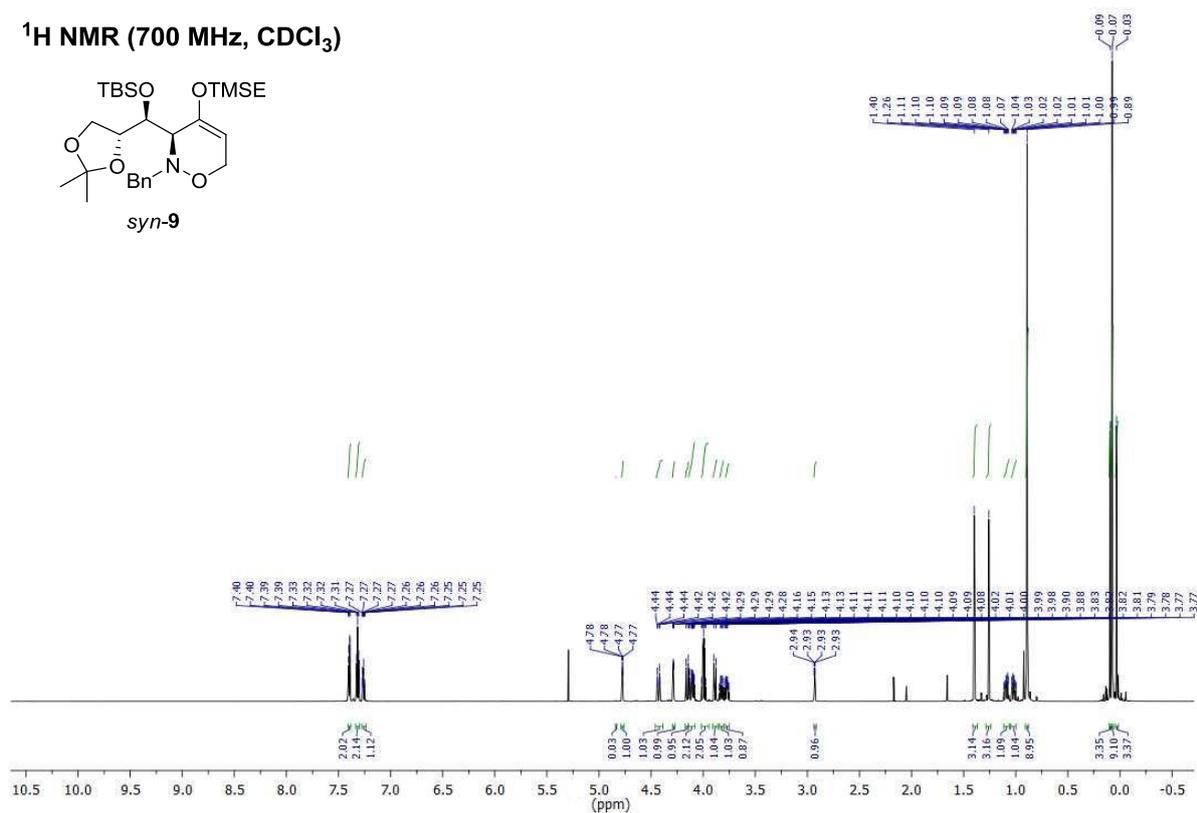
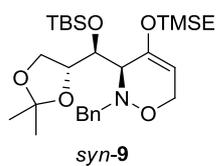


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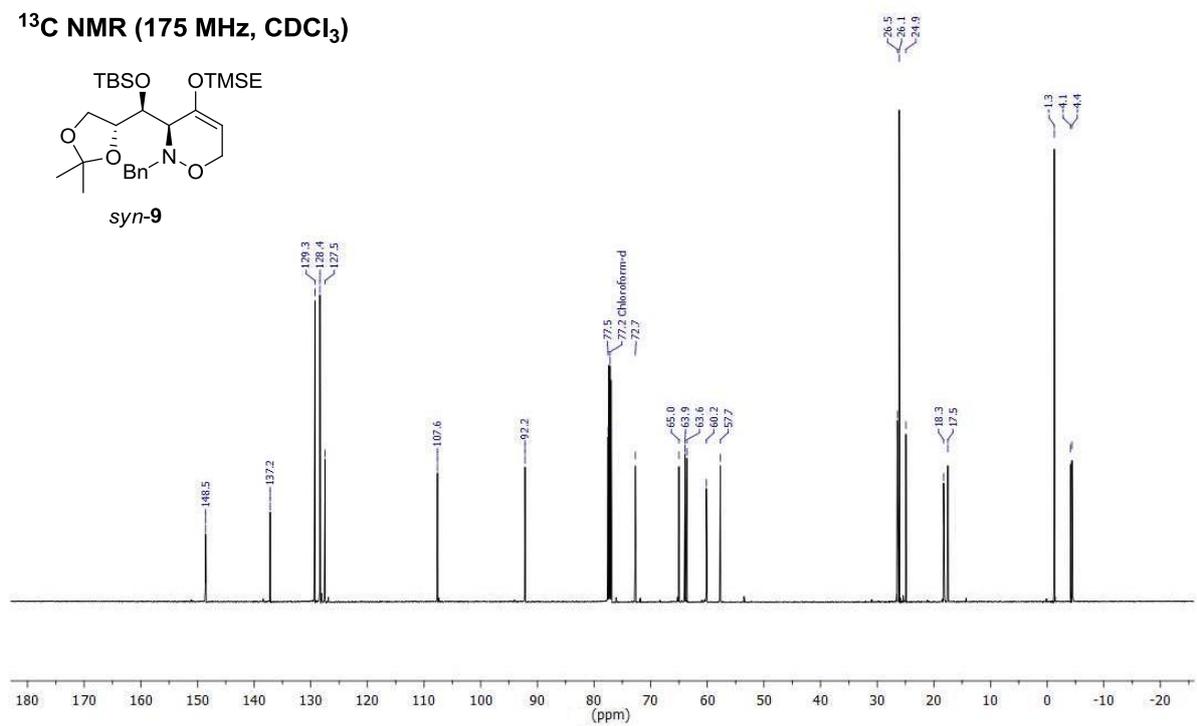
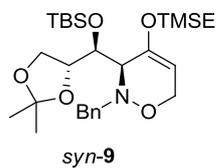




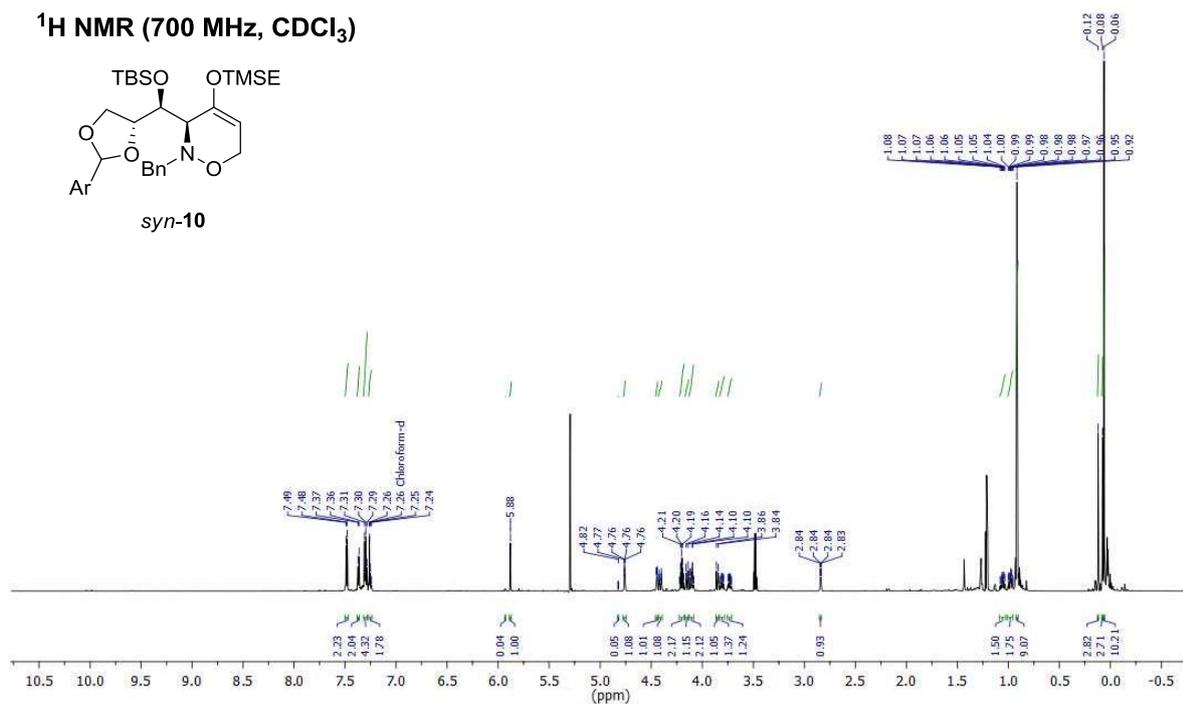
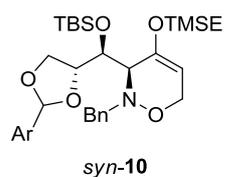
**<sup>1</sup>H NMR (700 MHz, CDCl<sub>3</sub>)**



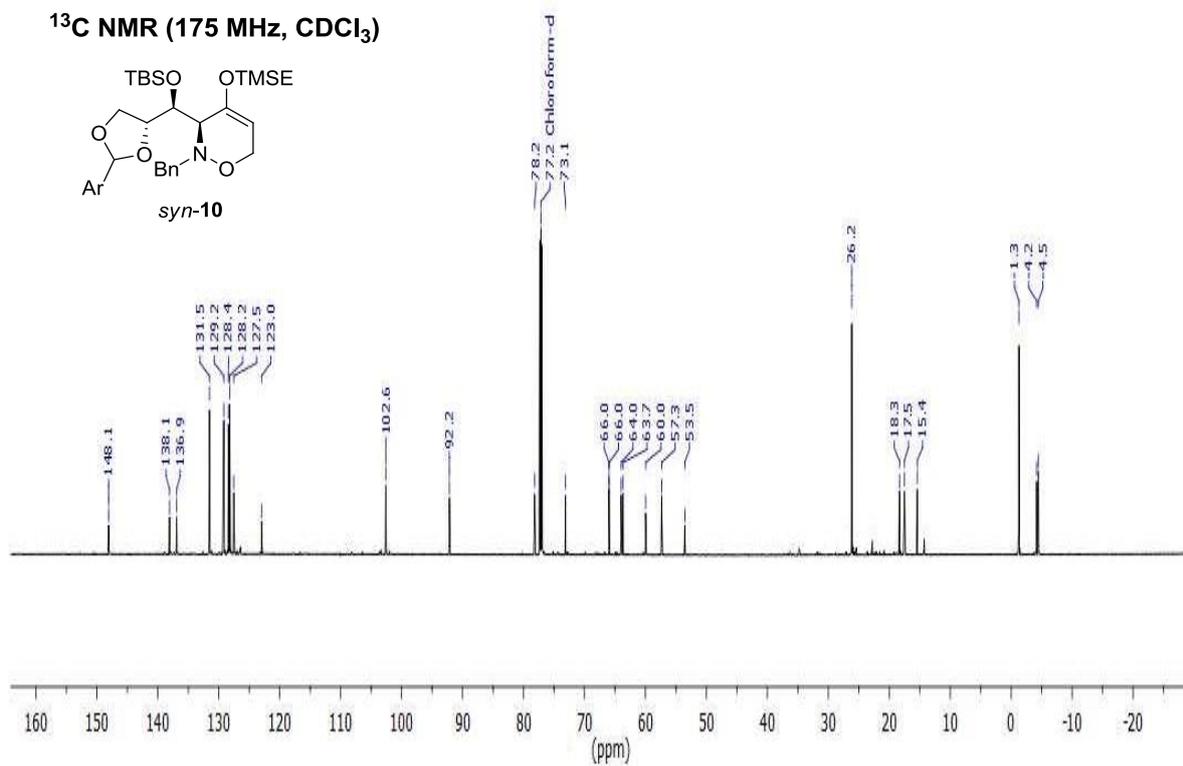
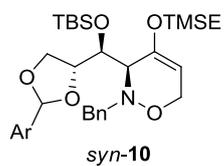
**<sup>13</sup>C NMR (175 MHz, CDCl<sub>3</sub>)**



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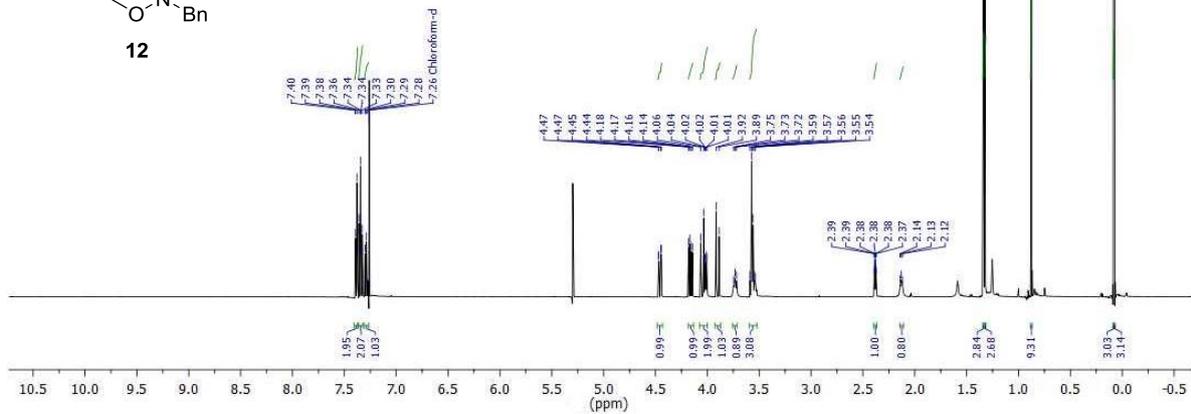
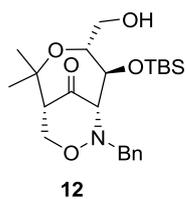


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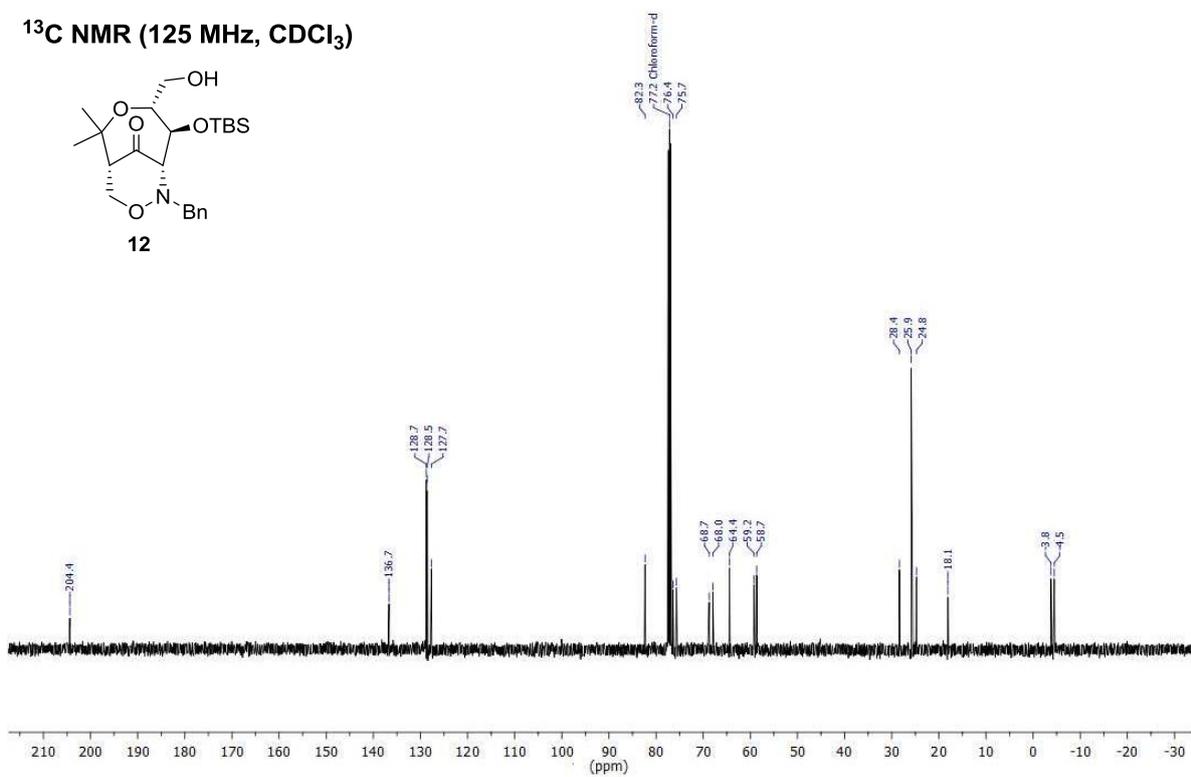
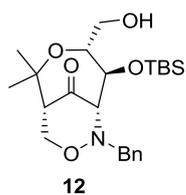




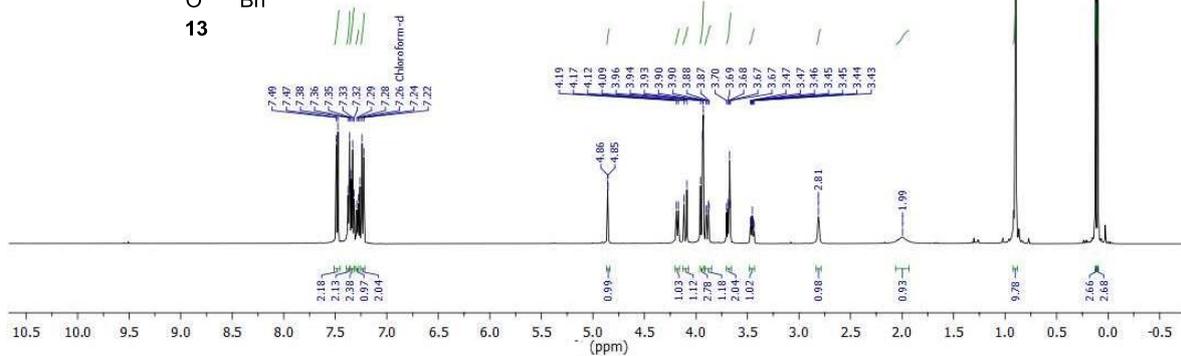
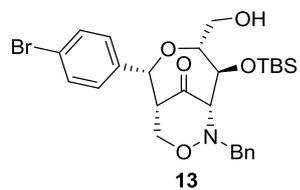
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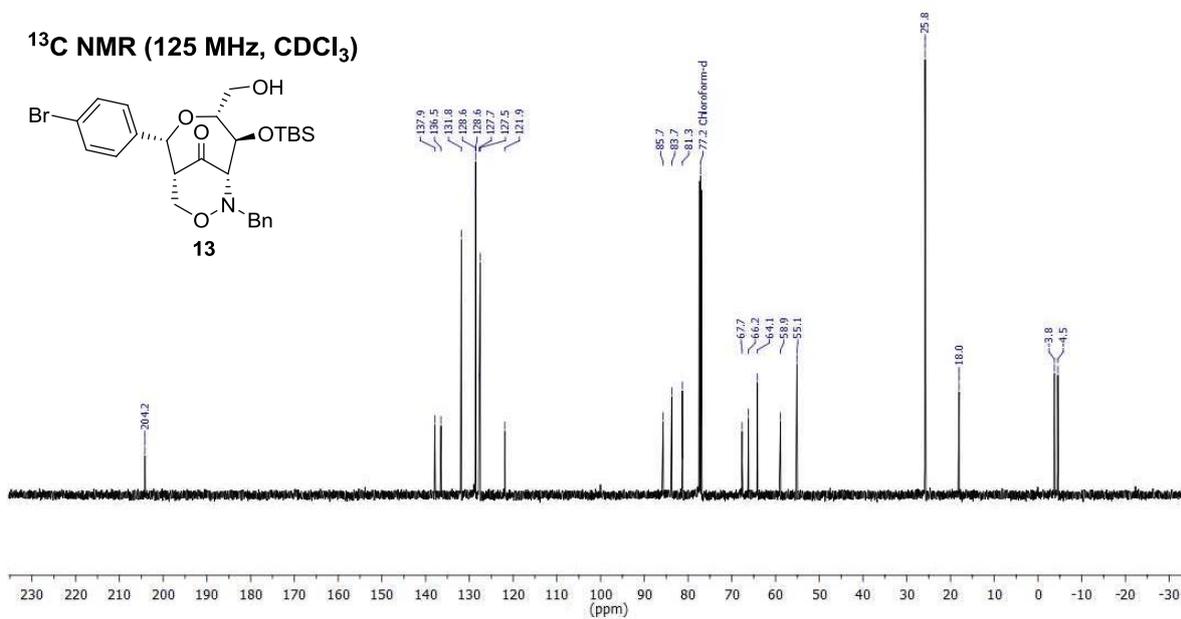
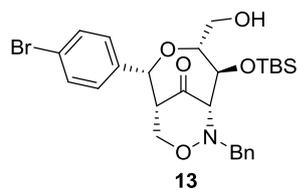
**<sup>13</sup>C NMR (125 MHz, CDCl<sub>3</sub>)**



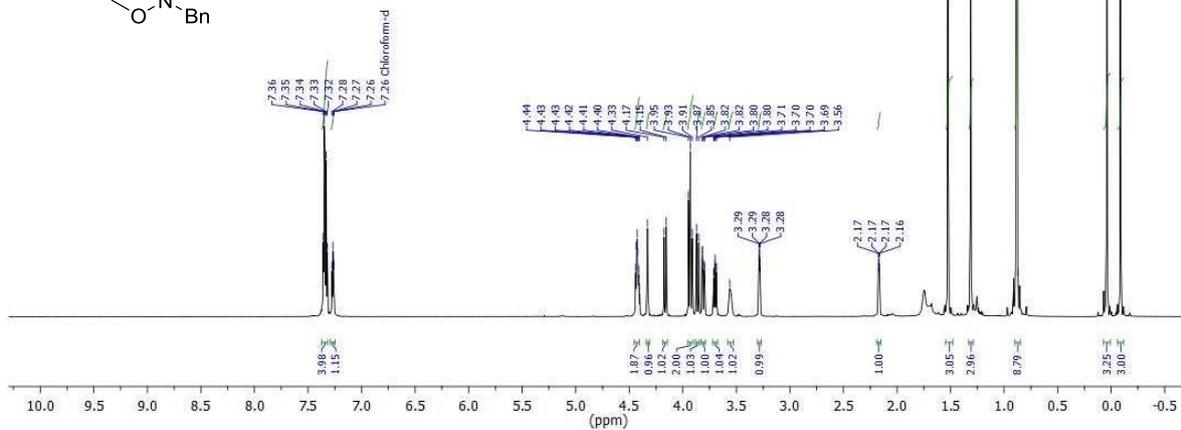
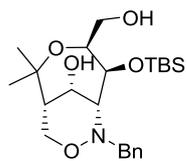
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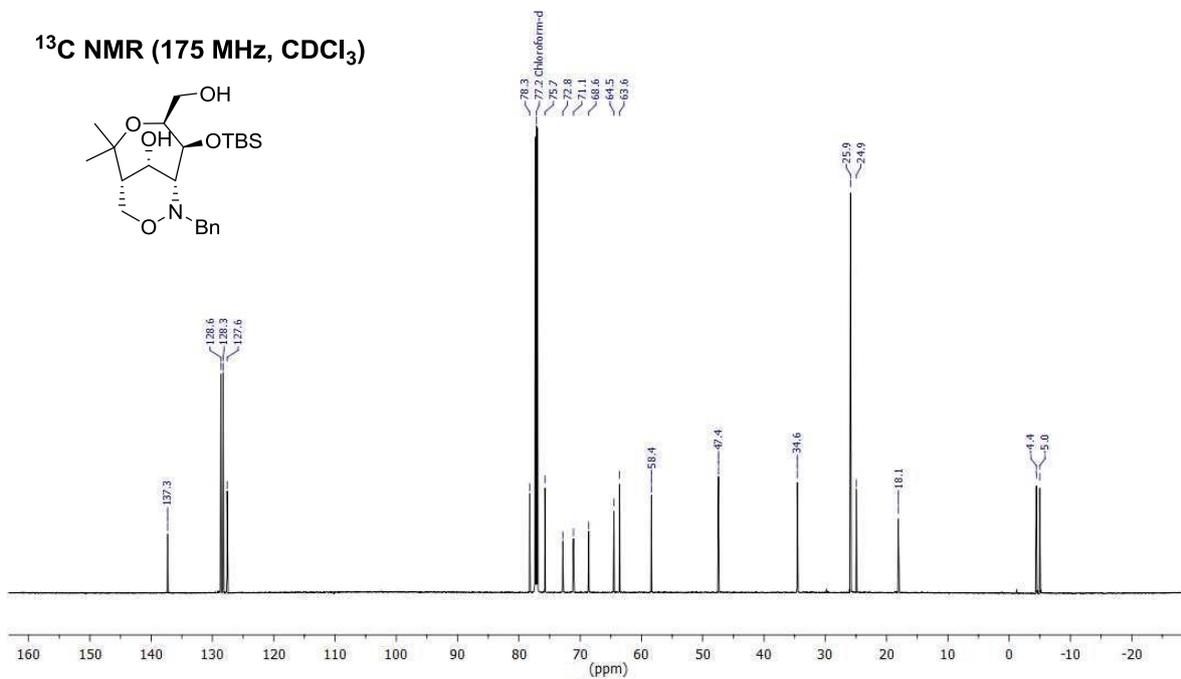
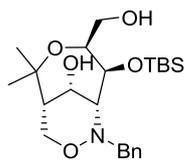
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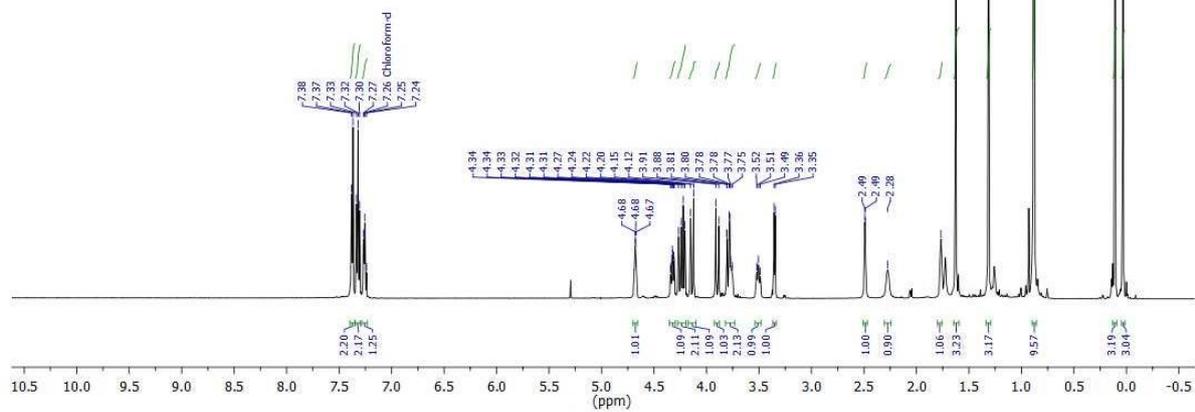
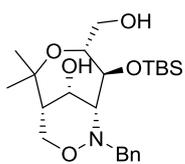
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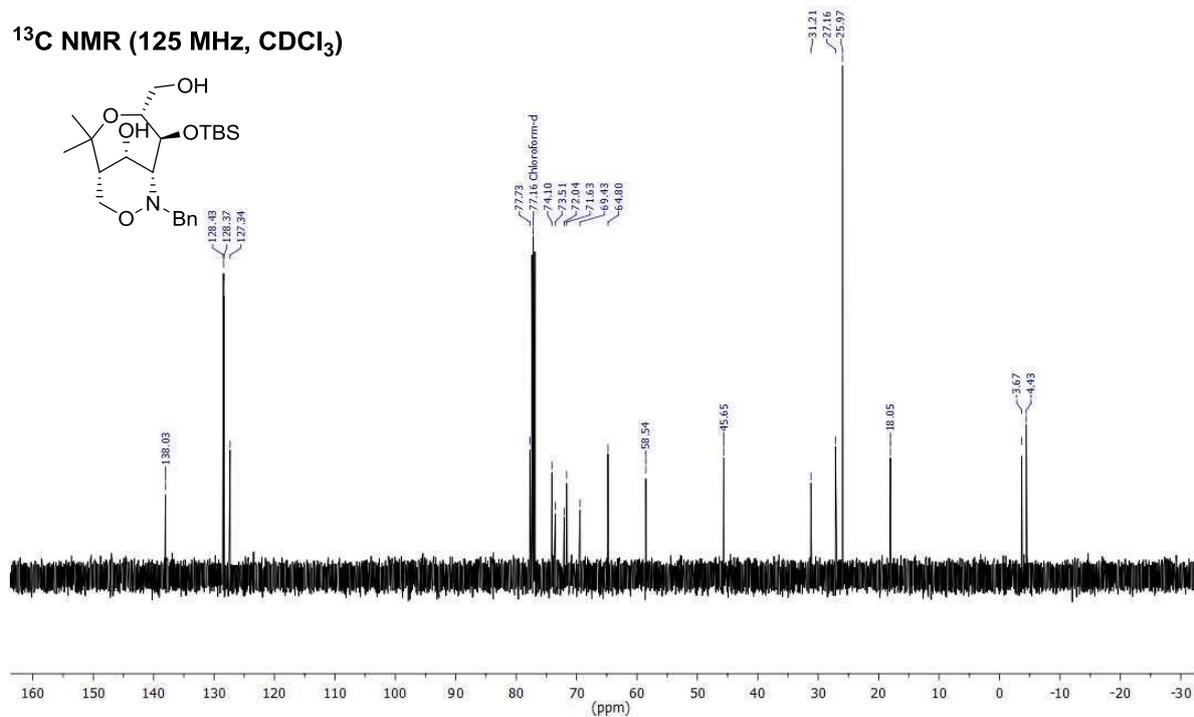
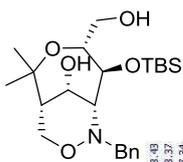
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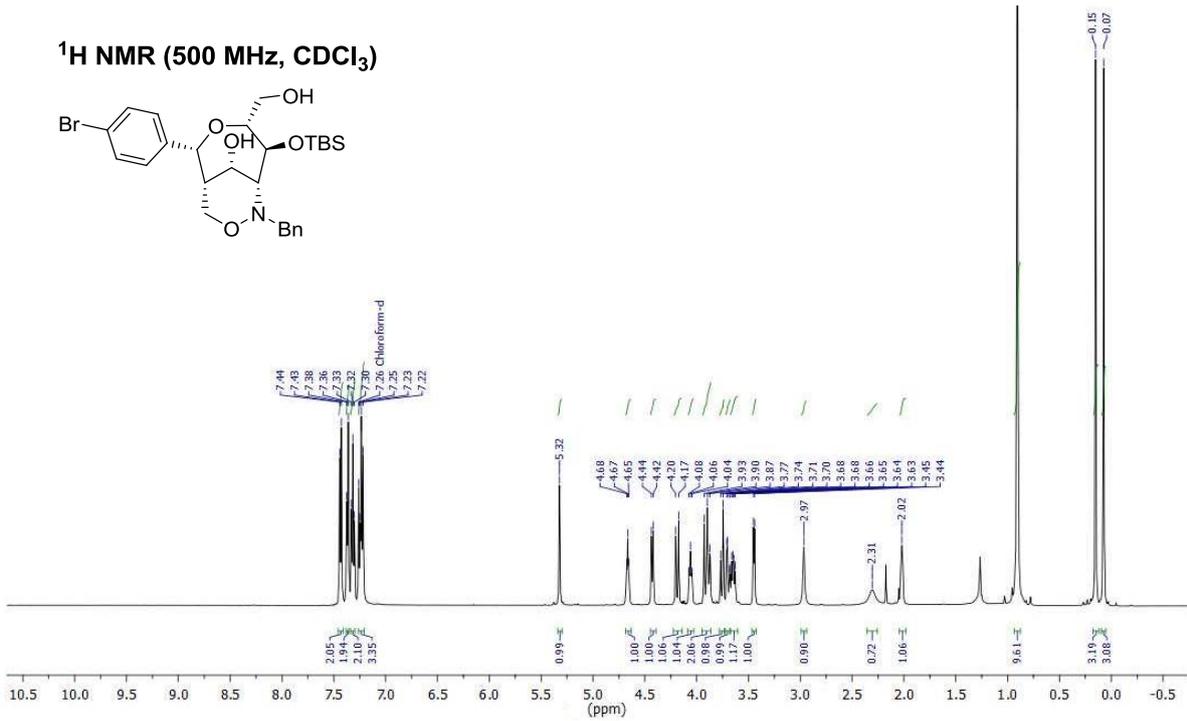
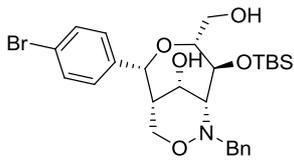
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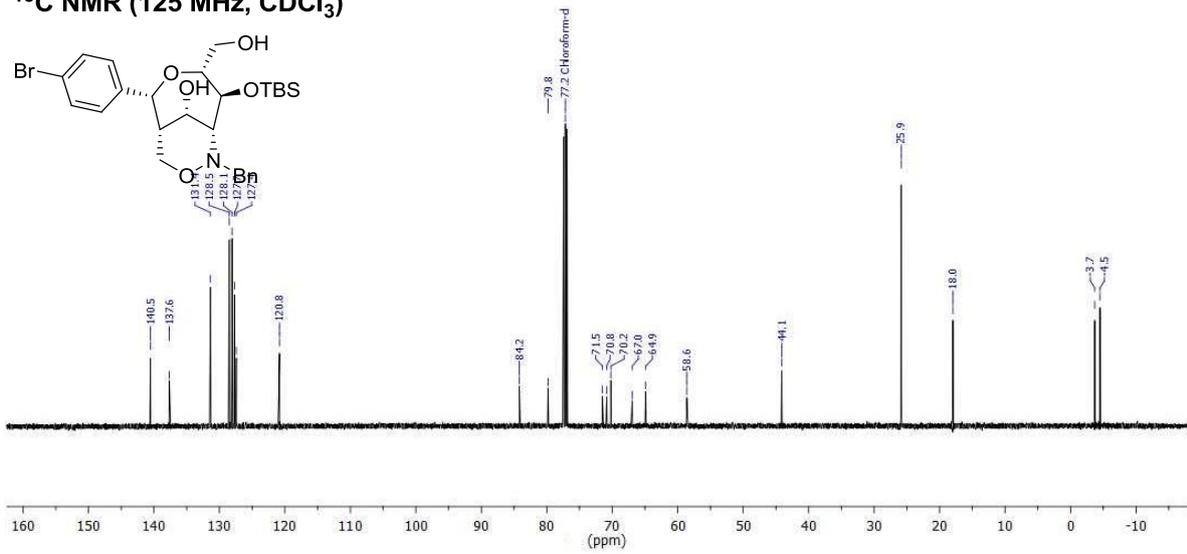
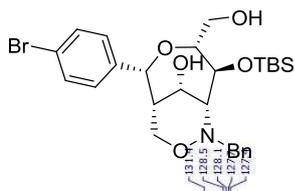
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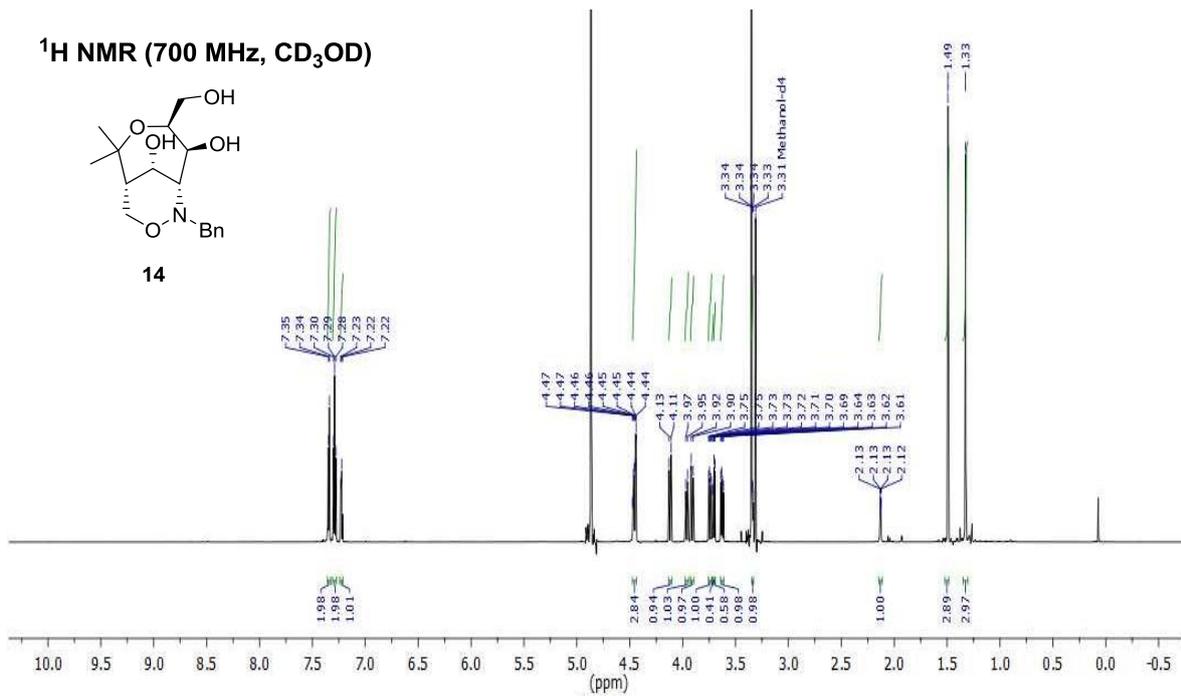
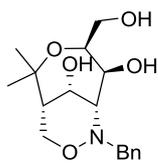
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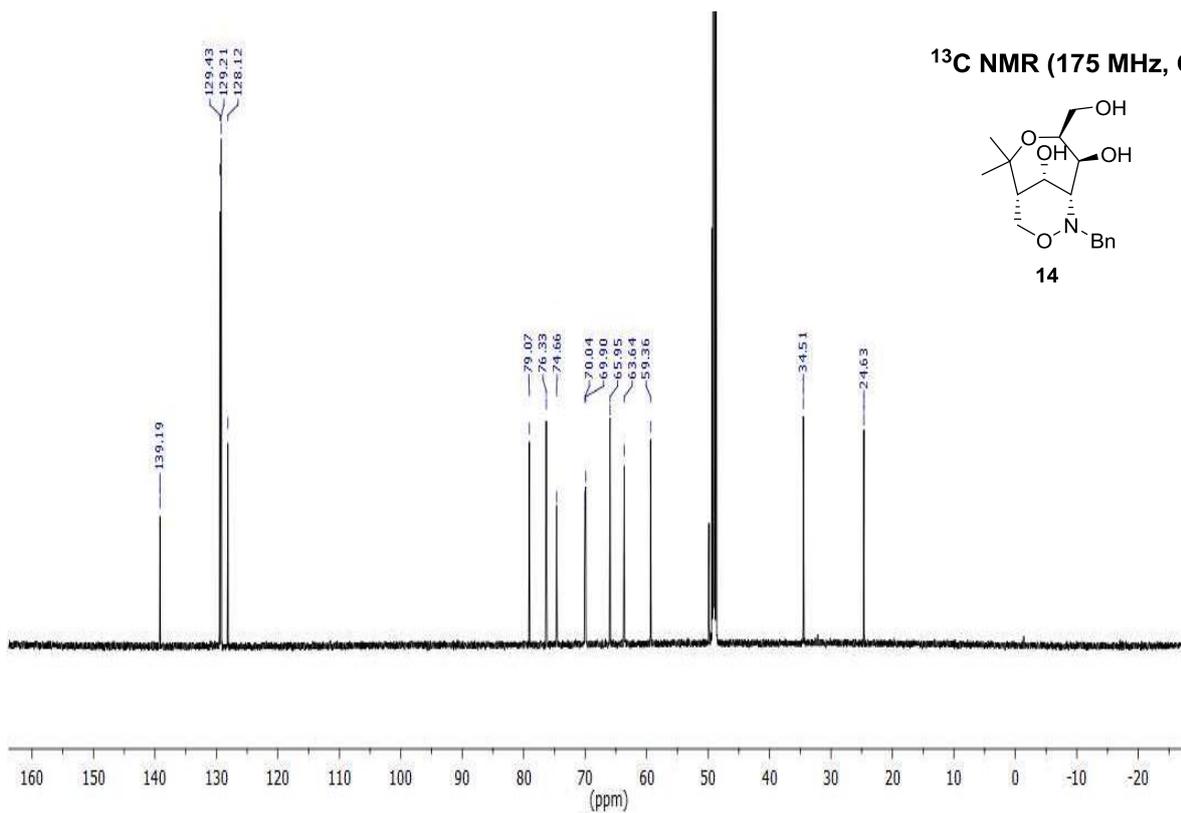
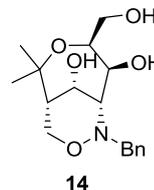
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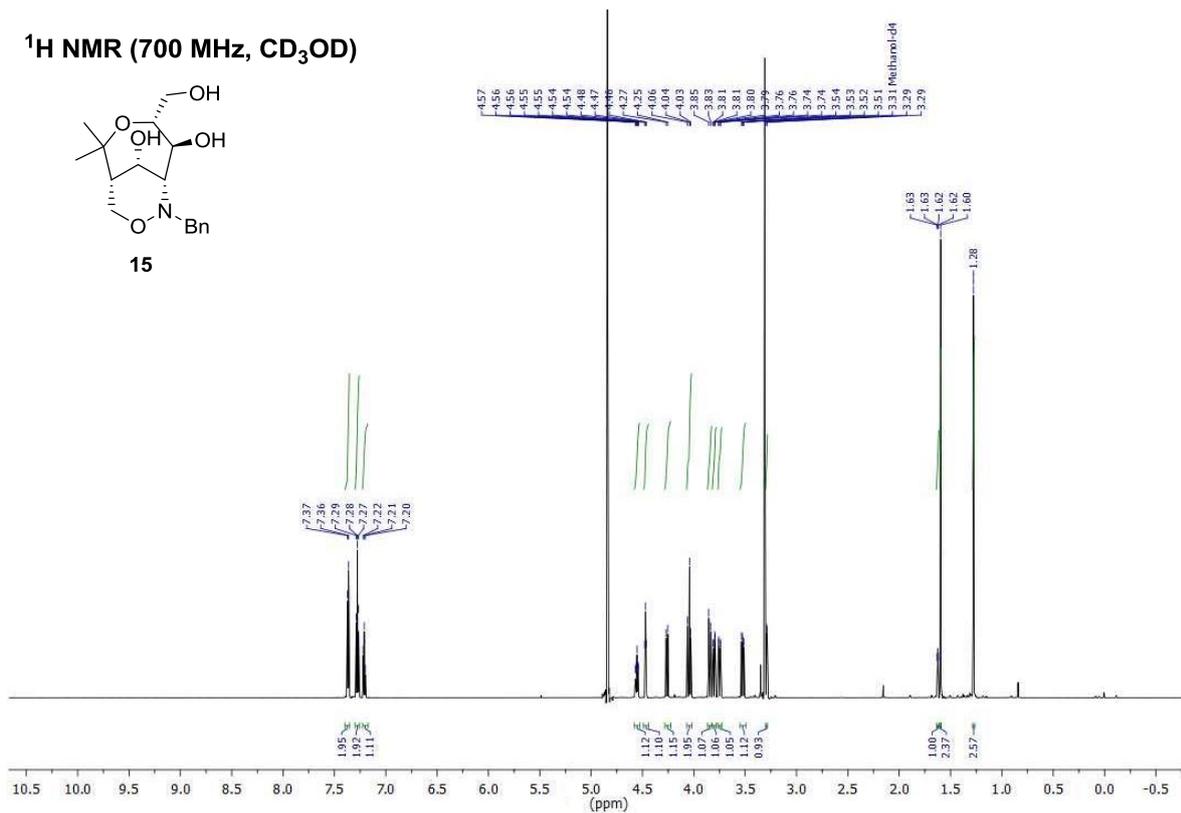
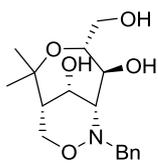
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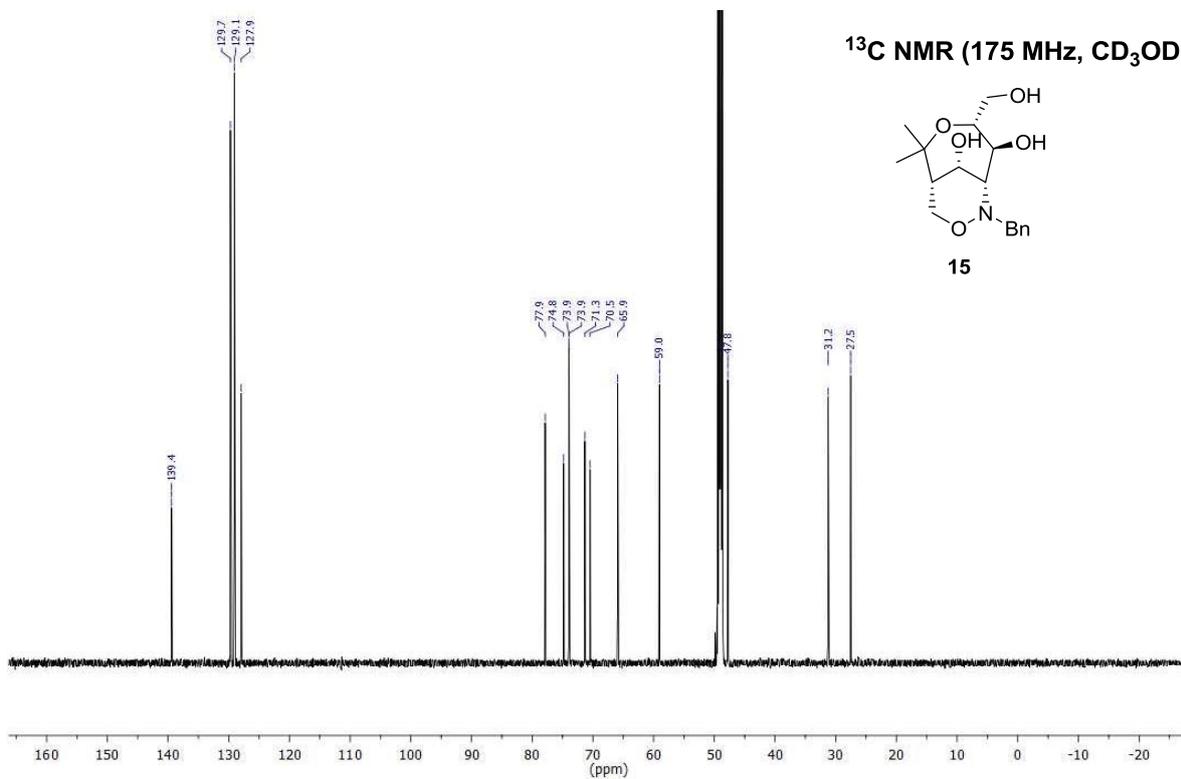
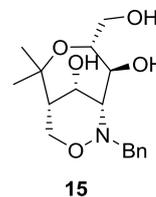
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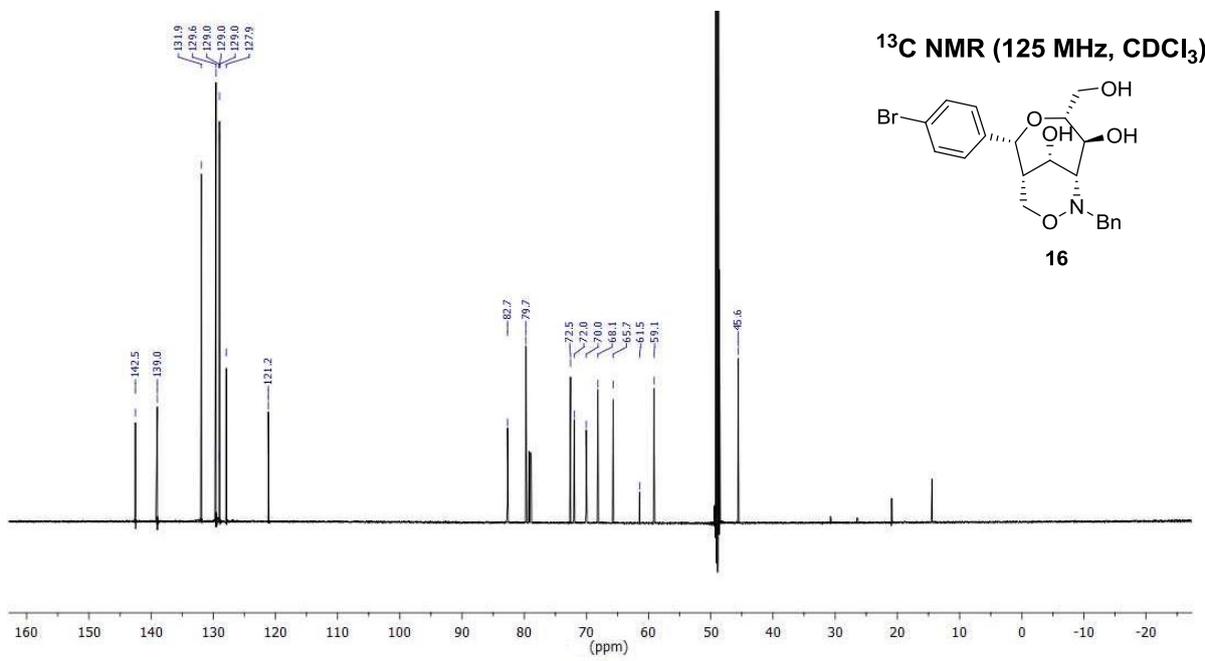
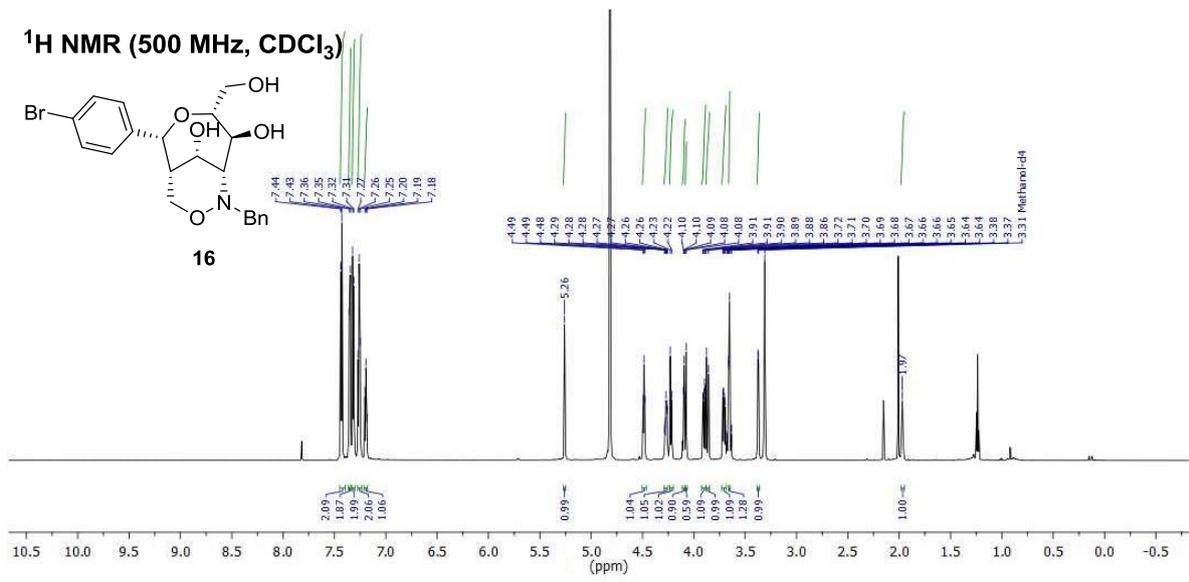


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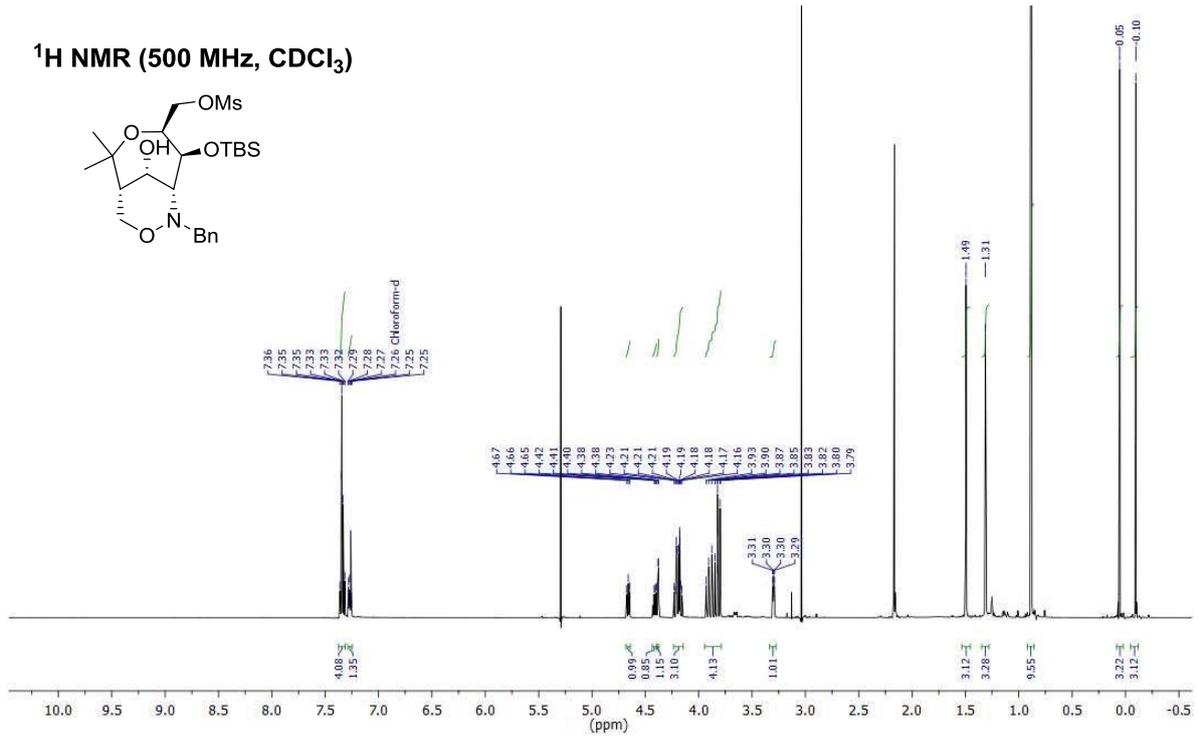
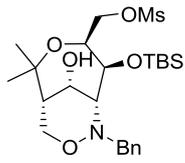
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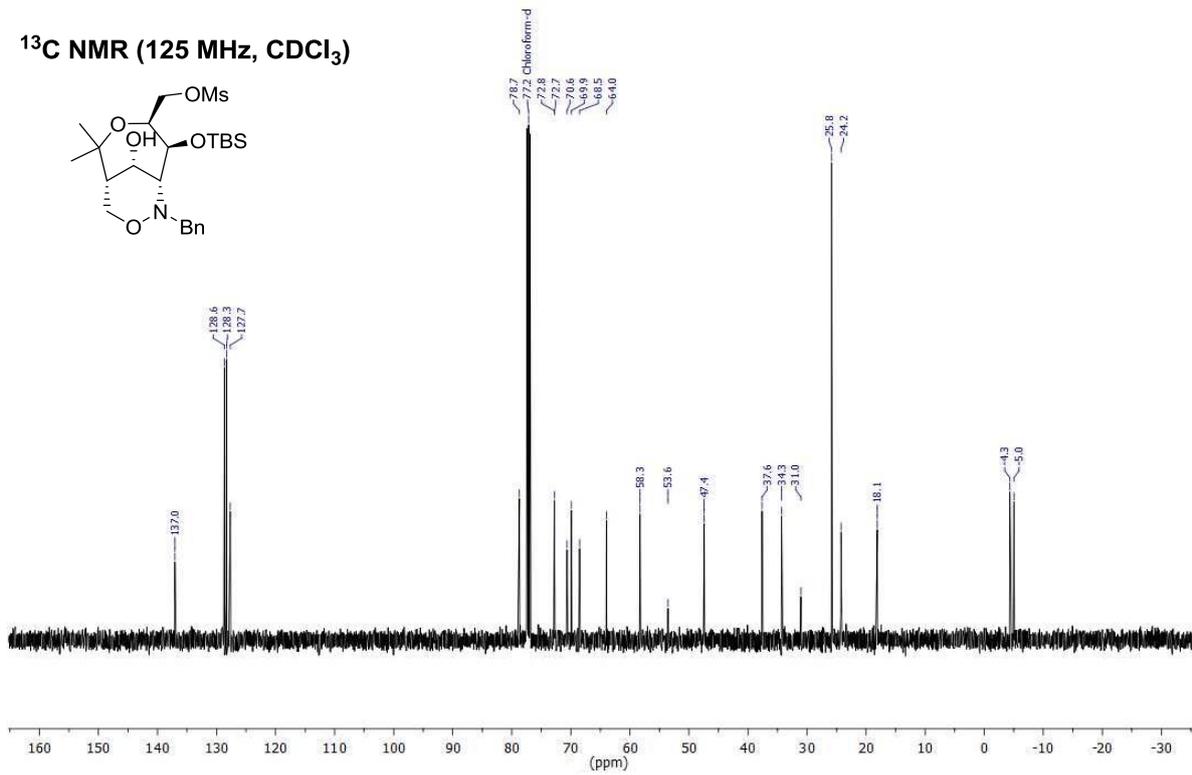
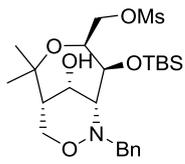




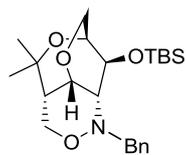
**<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)**



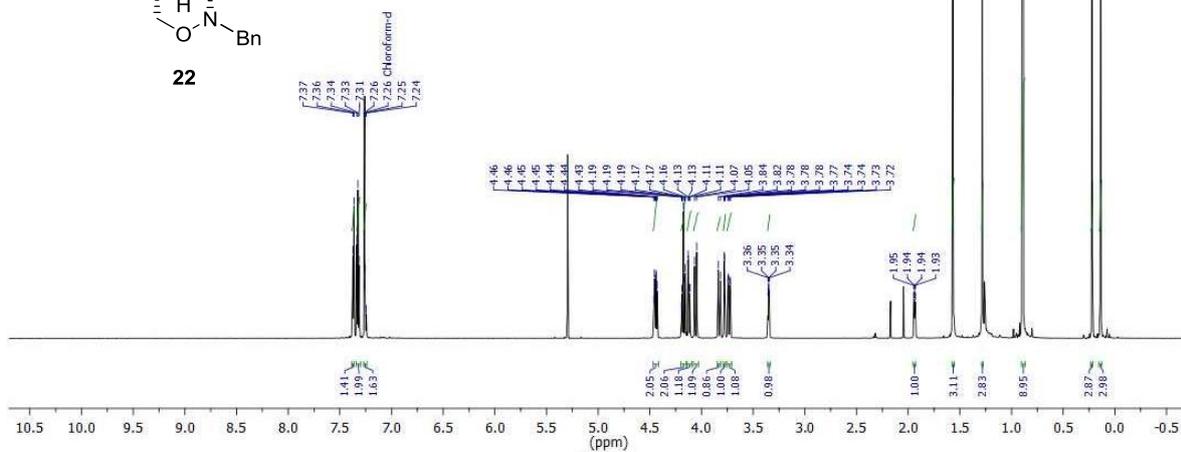
**<sup>13</sup>C NMR (125 MHz, CDCl<sub>3</sub>)**



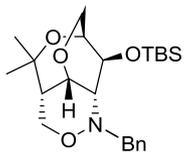
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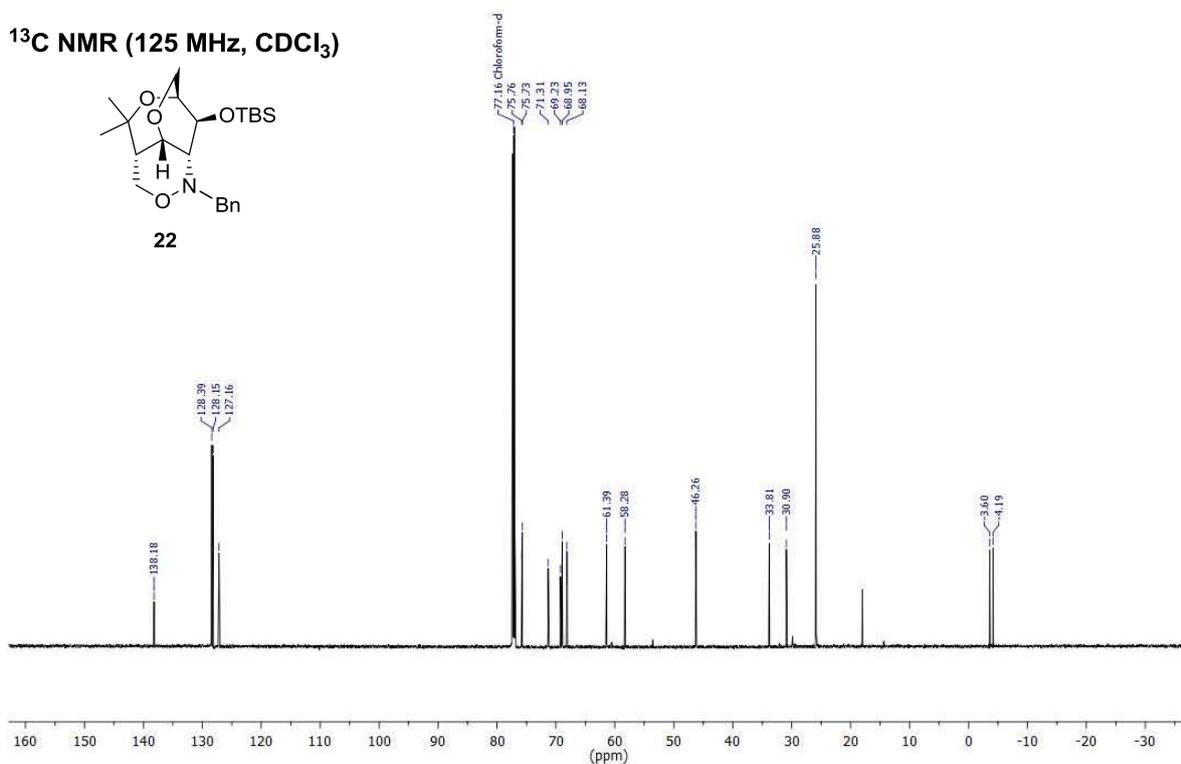
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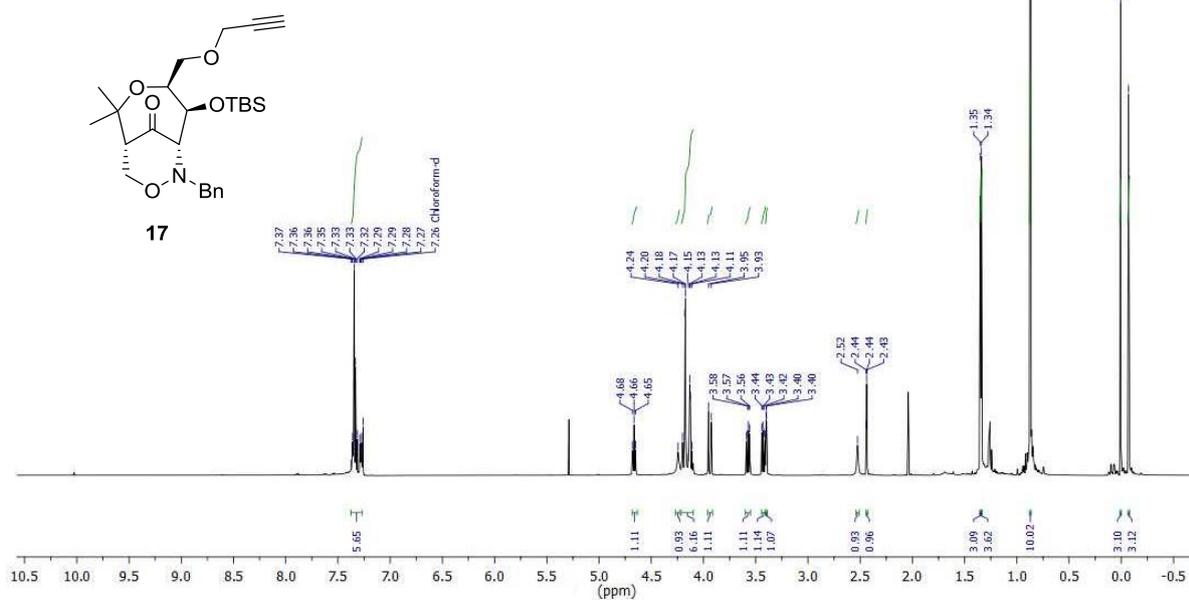
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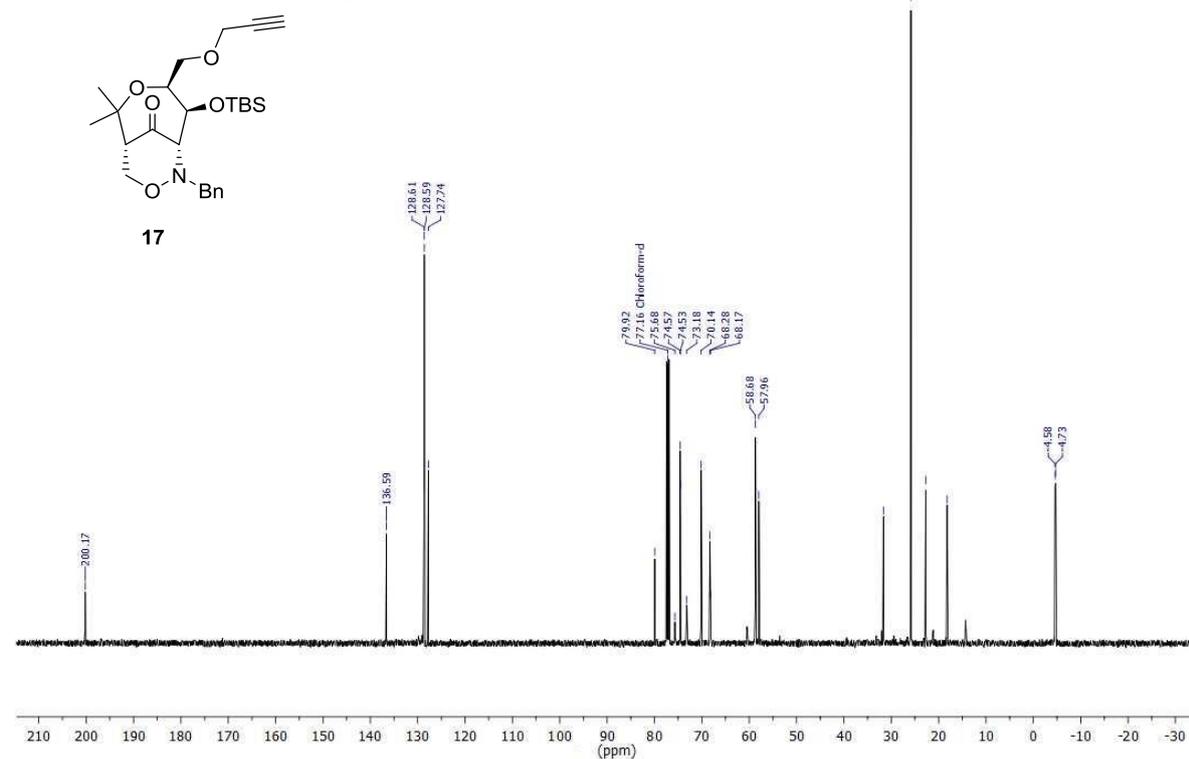
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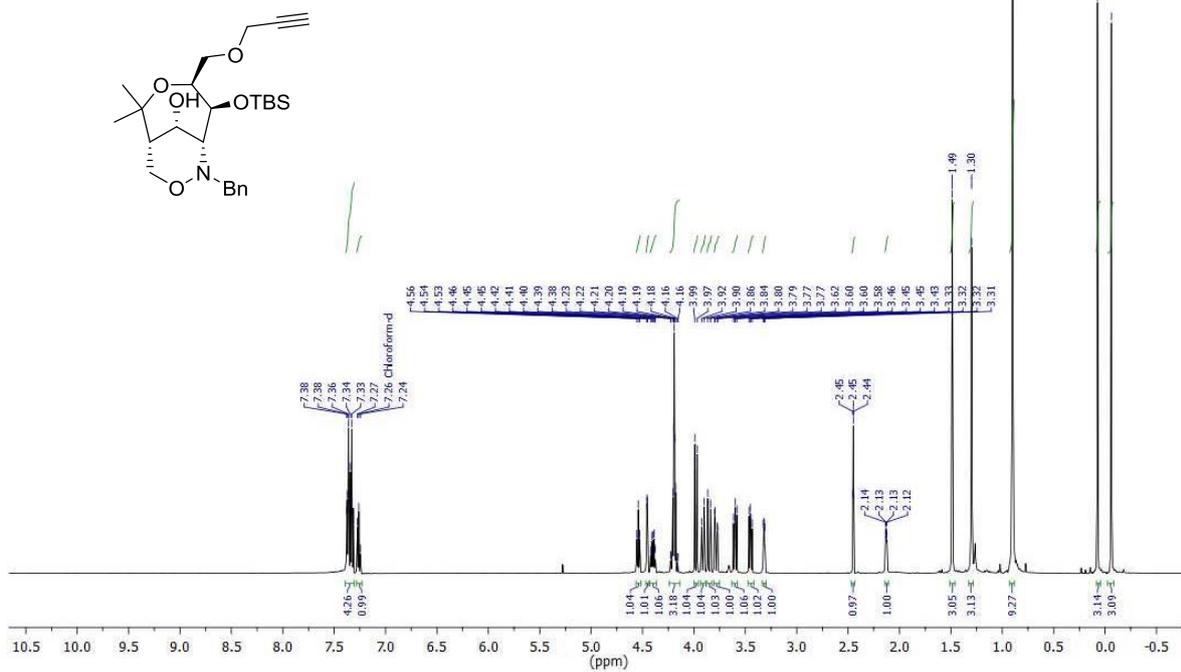
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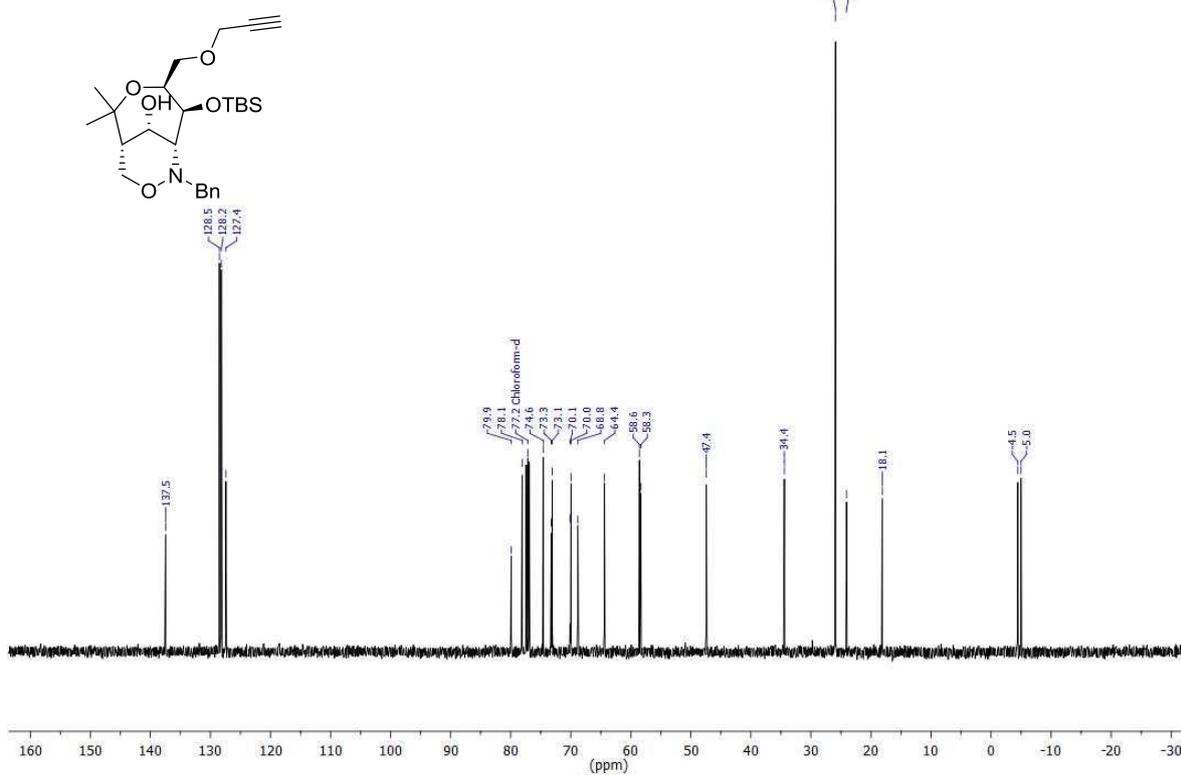
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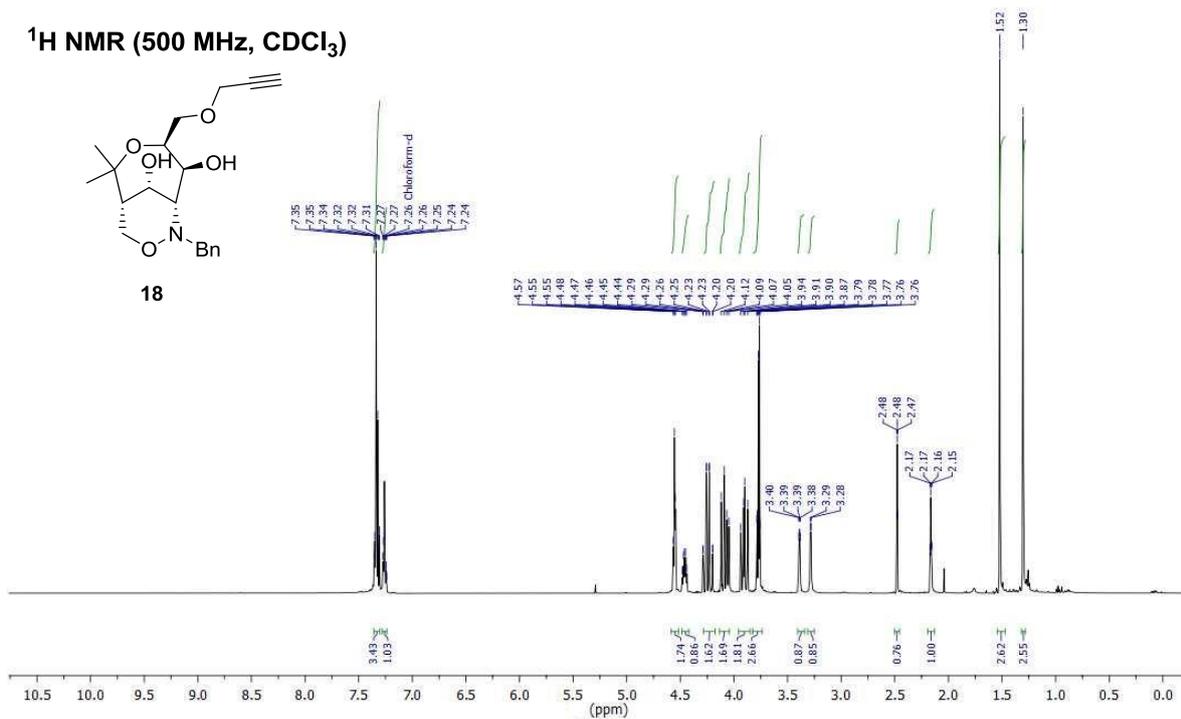
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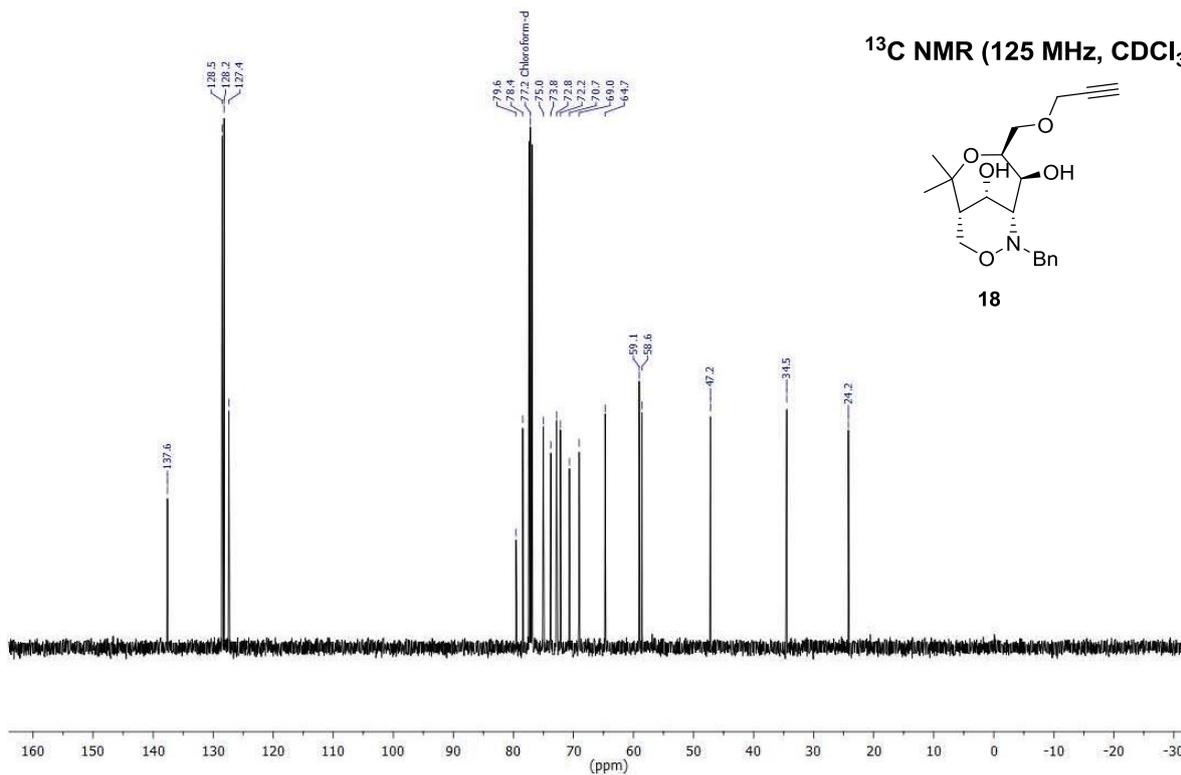
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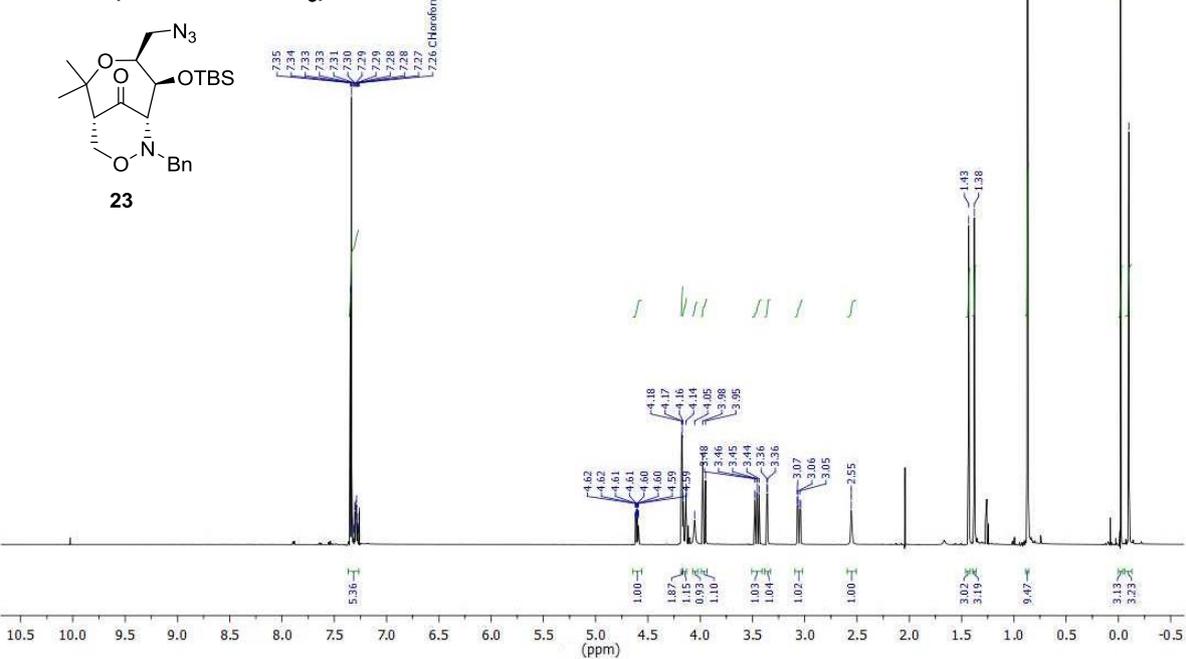
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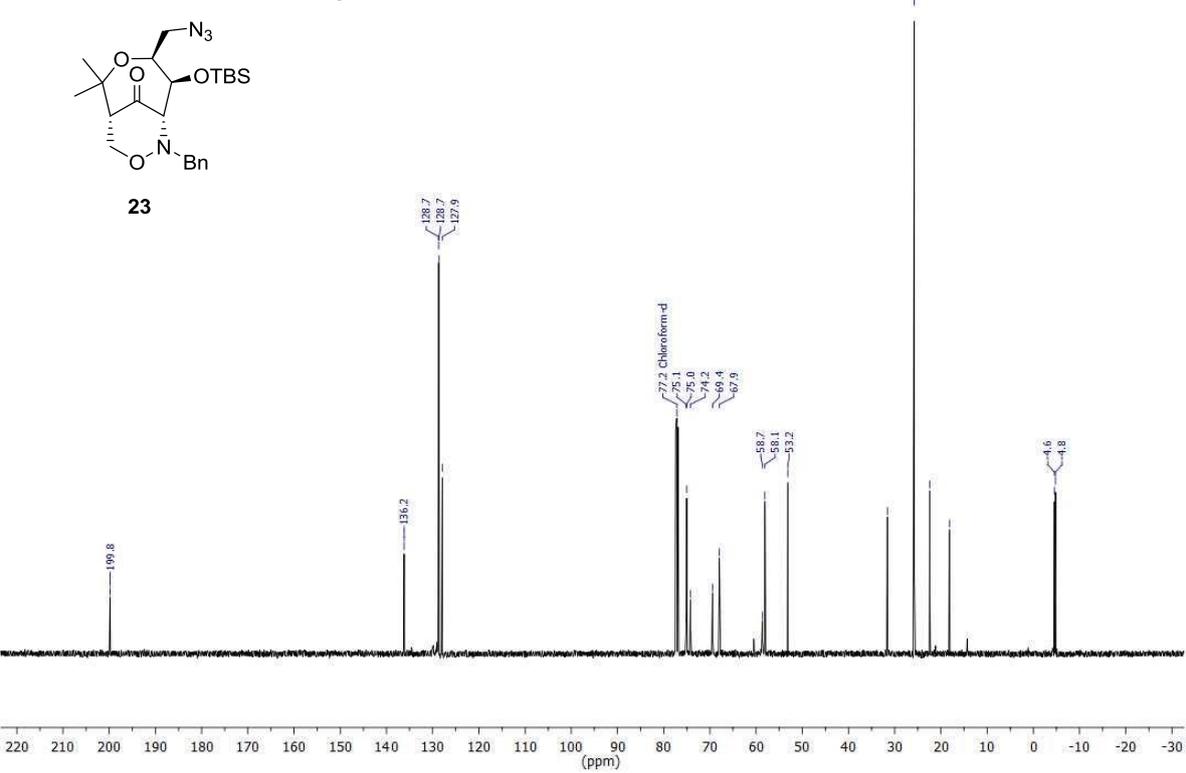
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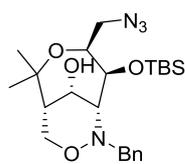
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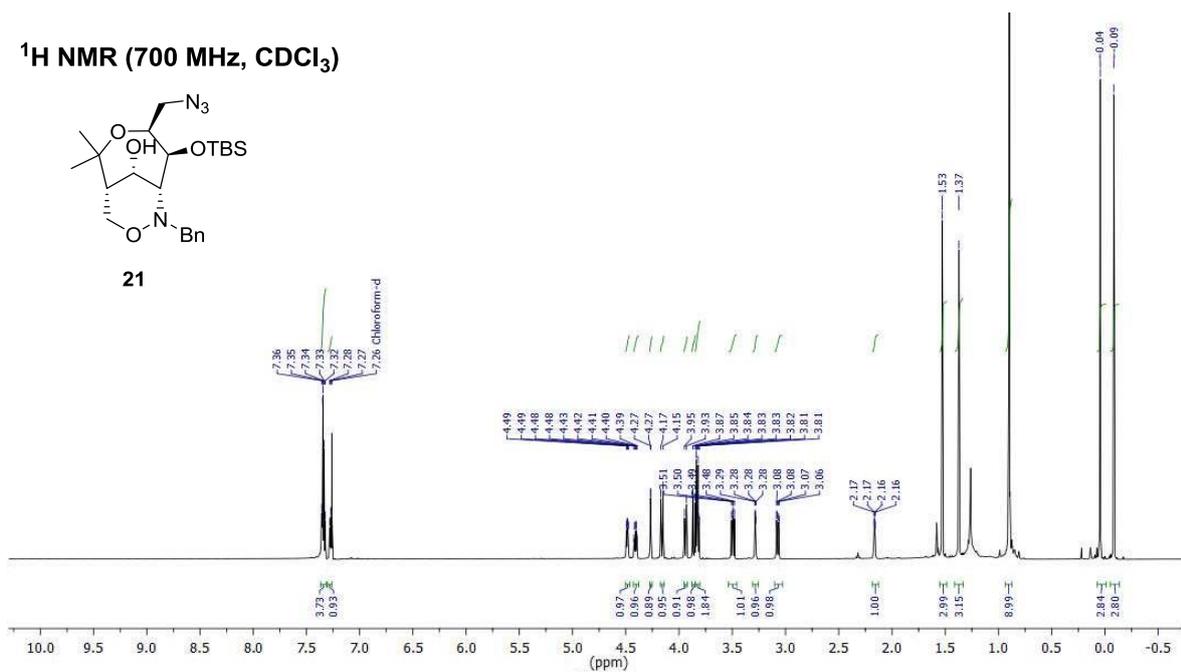
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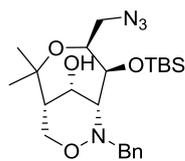
**<sup>1</sup>H NMR (700 MHz, CDCl<sub>3</sub>)**



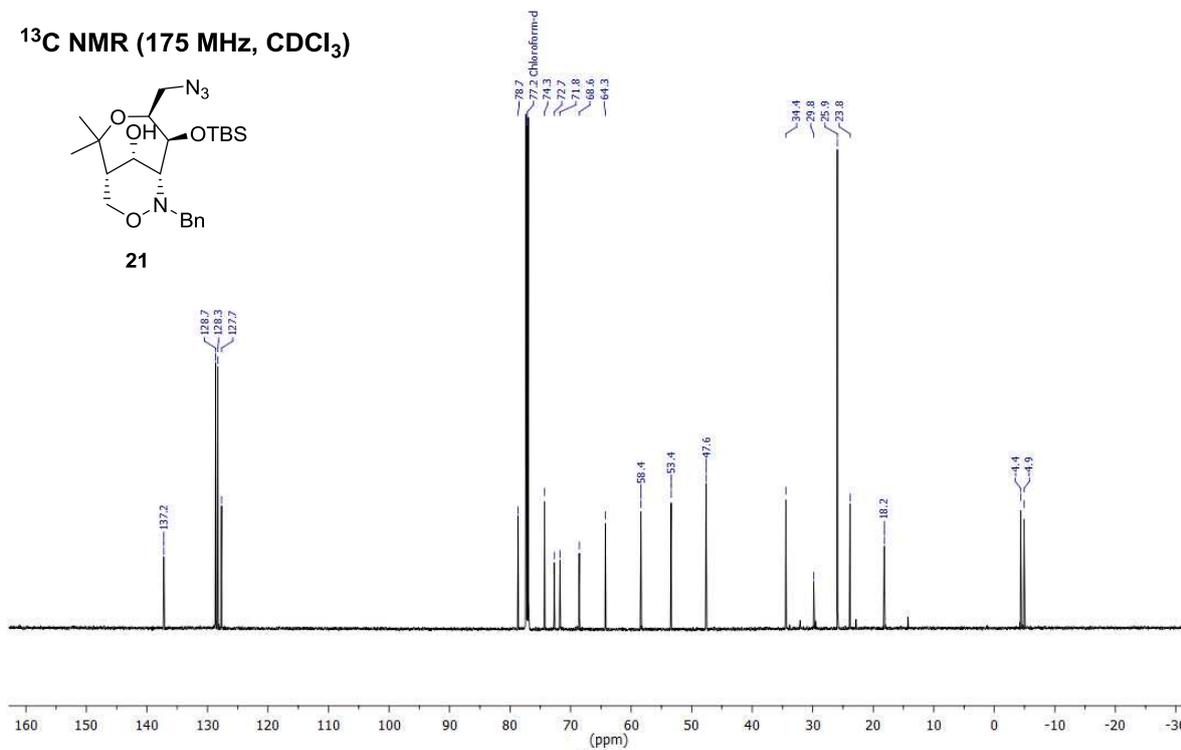
**21**



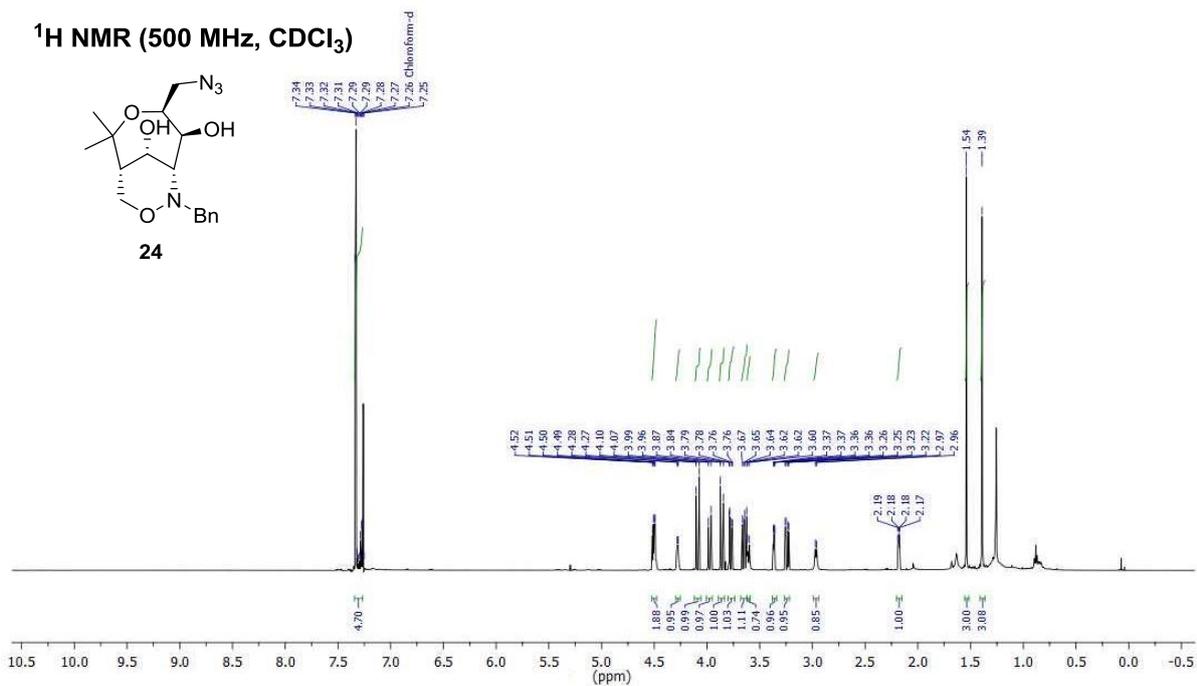
**<sup>13</sup>C NMR (175 MHz, CDCl<sub>3</sub>)**



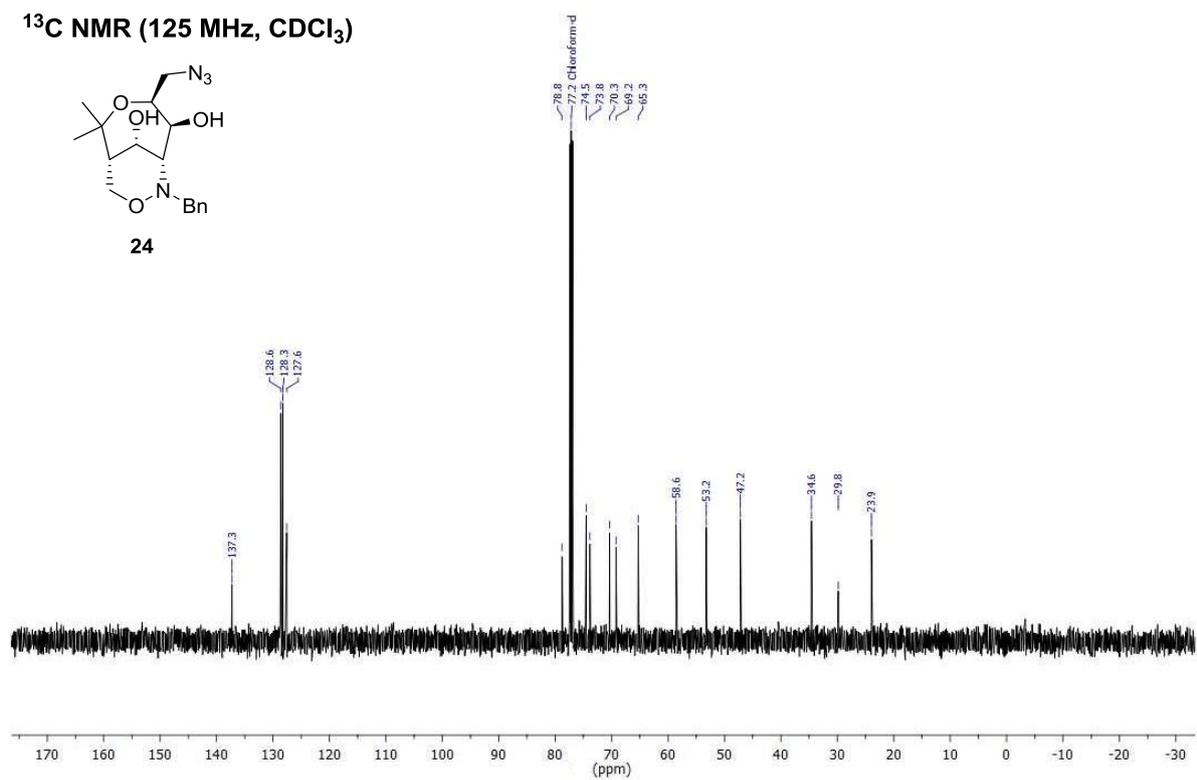
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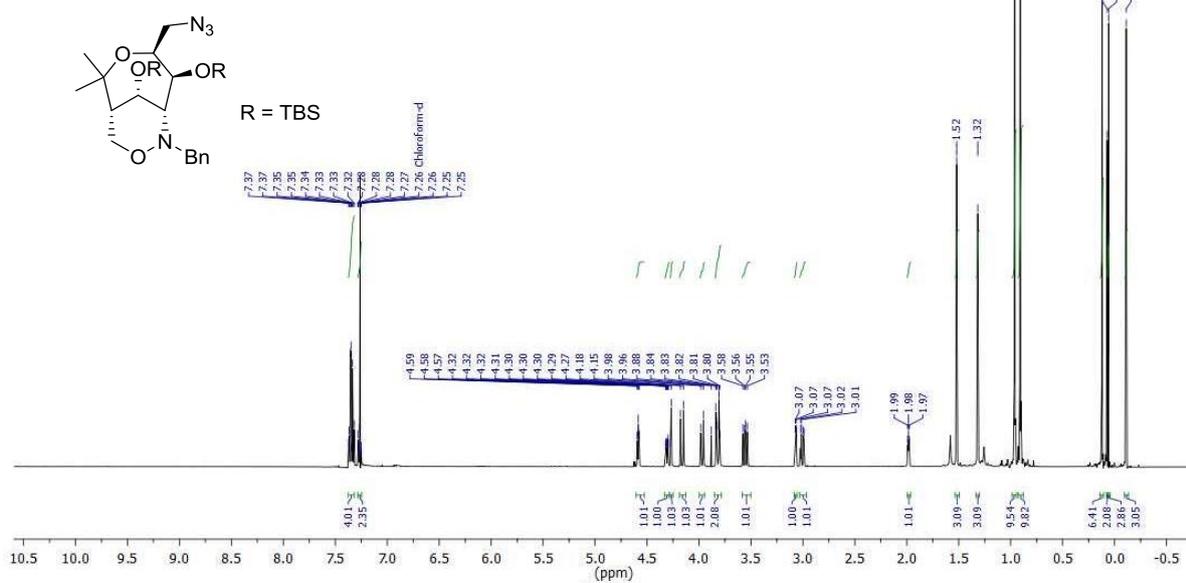
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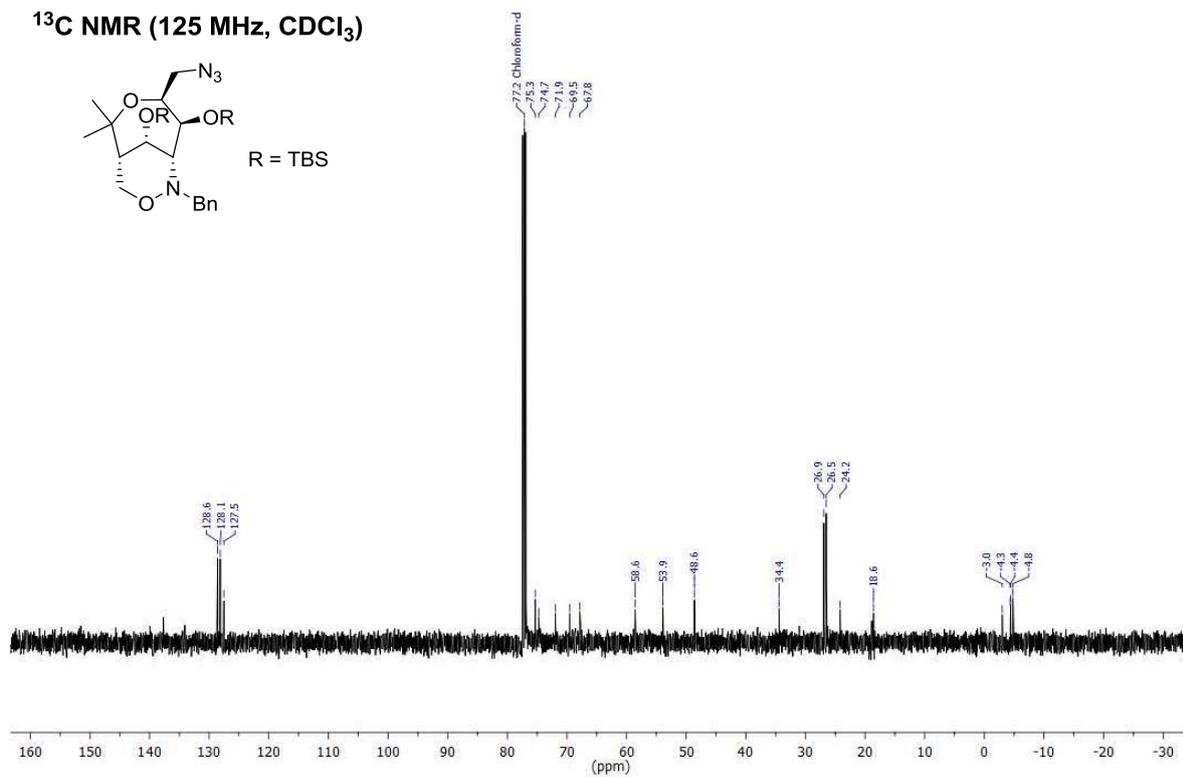
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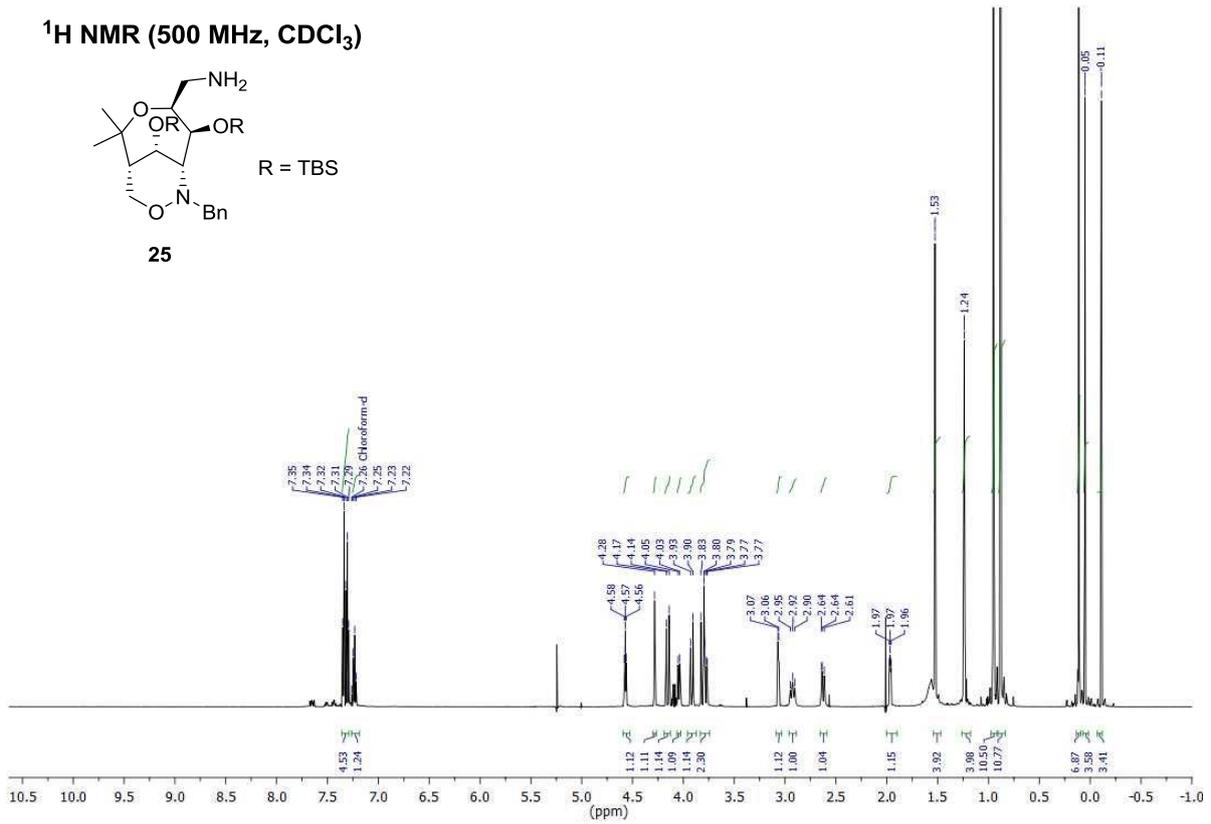
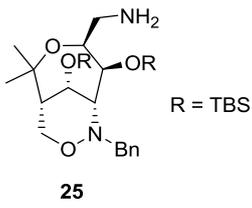
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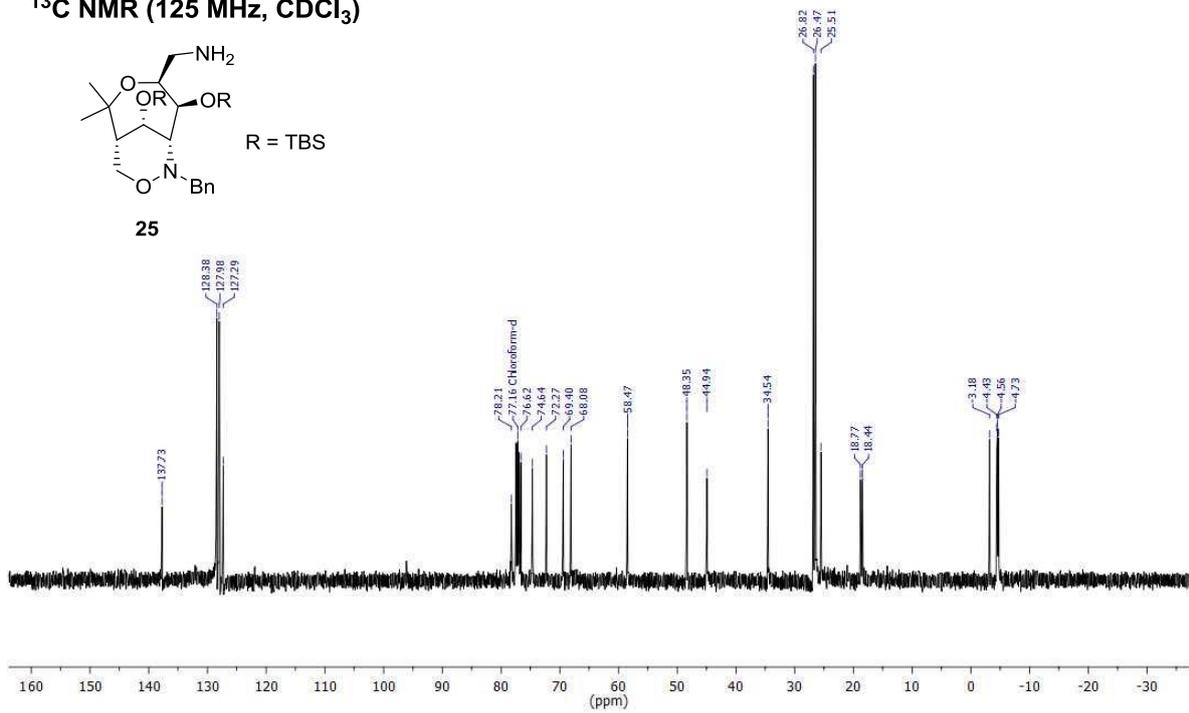
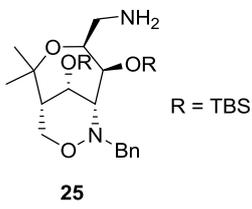
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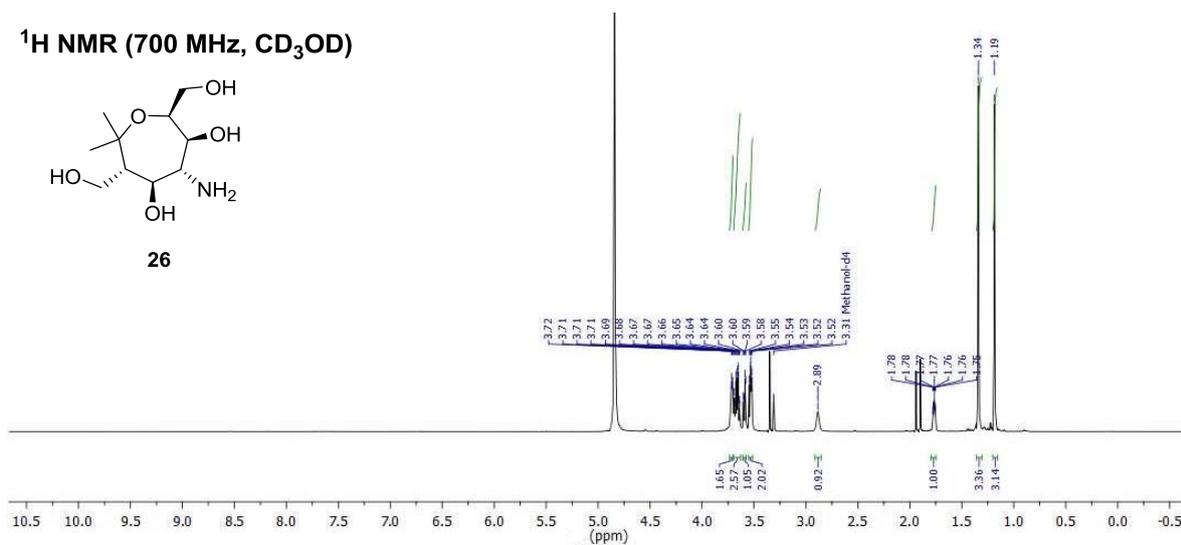
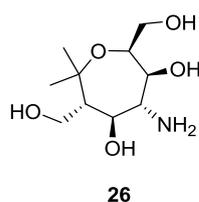
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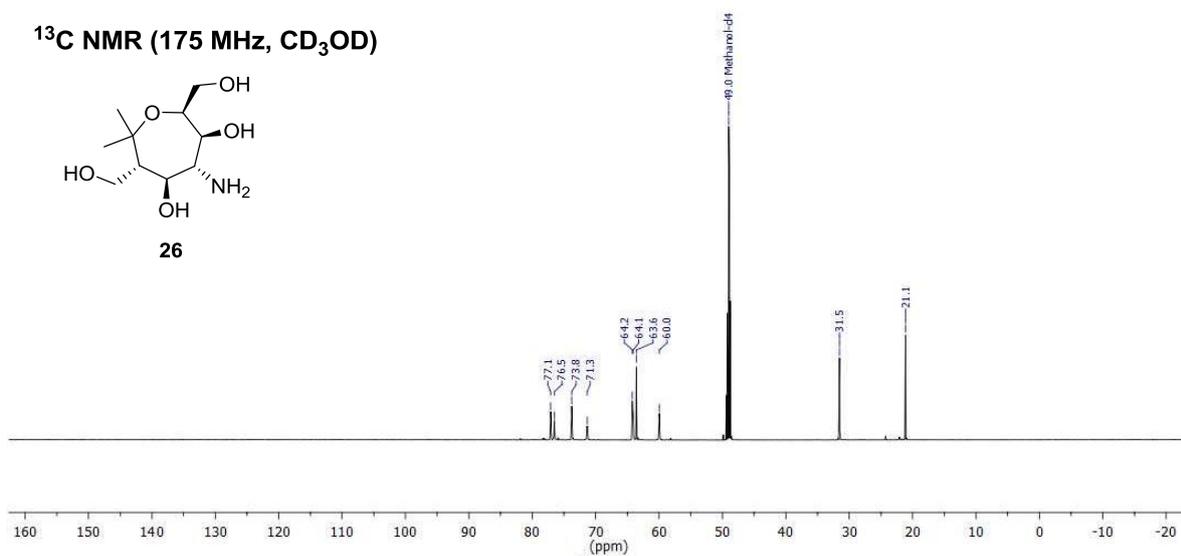
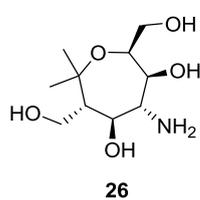
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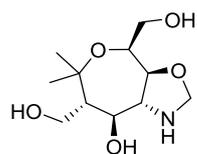


**<sup>13</sup>C NMR (175 MHz, CD<sub>3</sub>OD)**

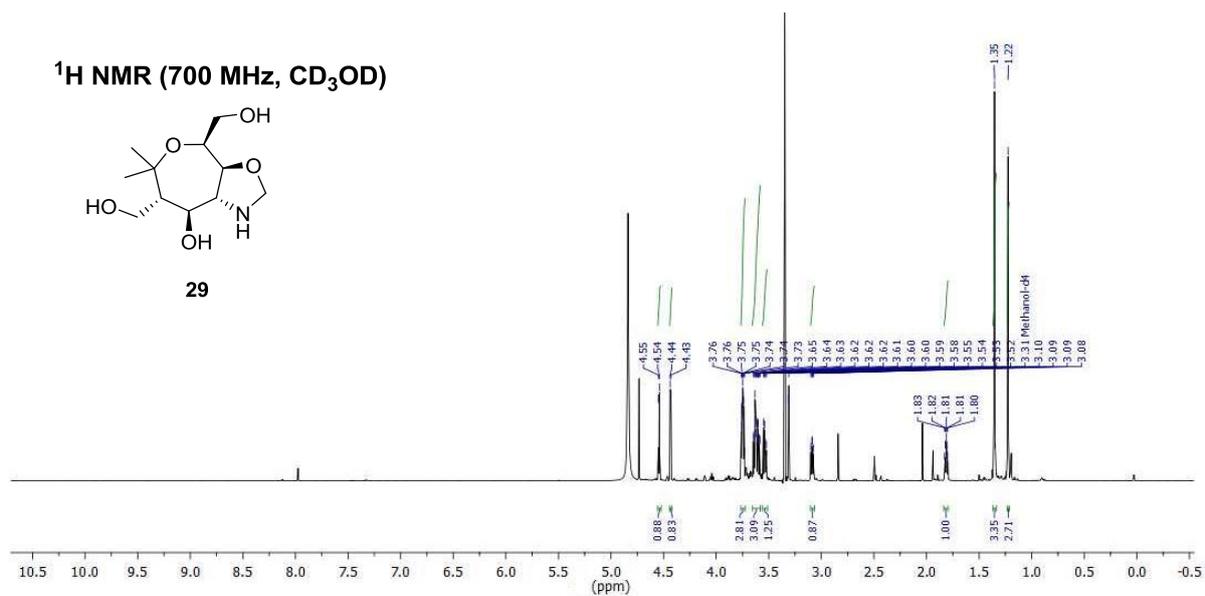




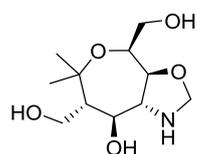
**<sup>1</sup>H NMR (700 MHz, CD<sub>3</sub>OD)**



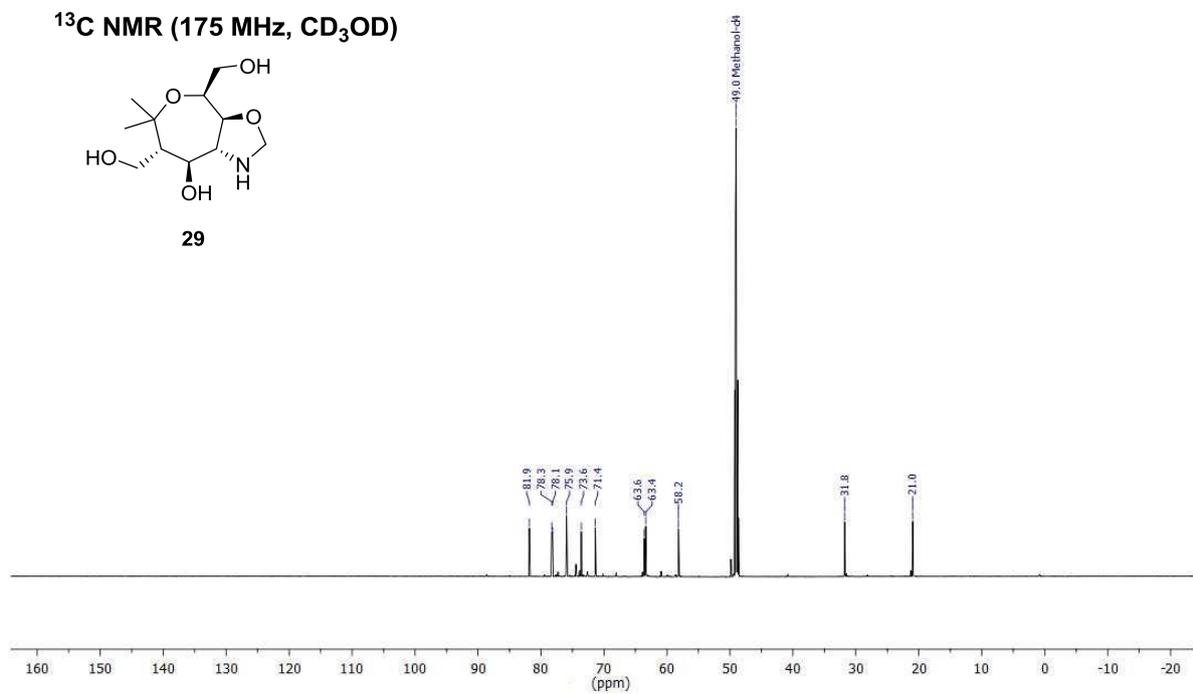
**29**



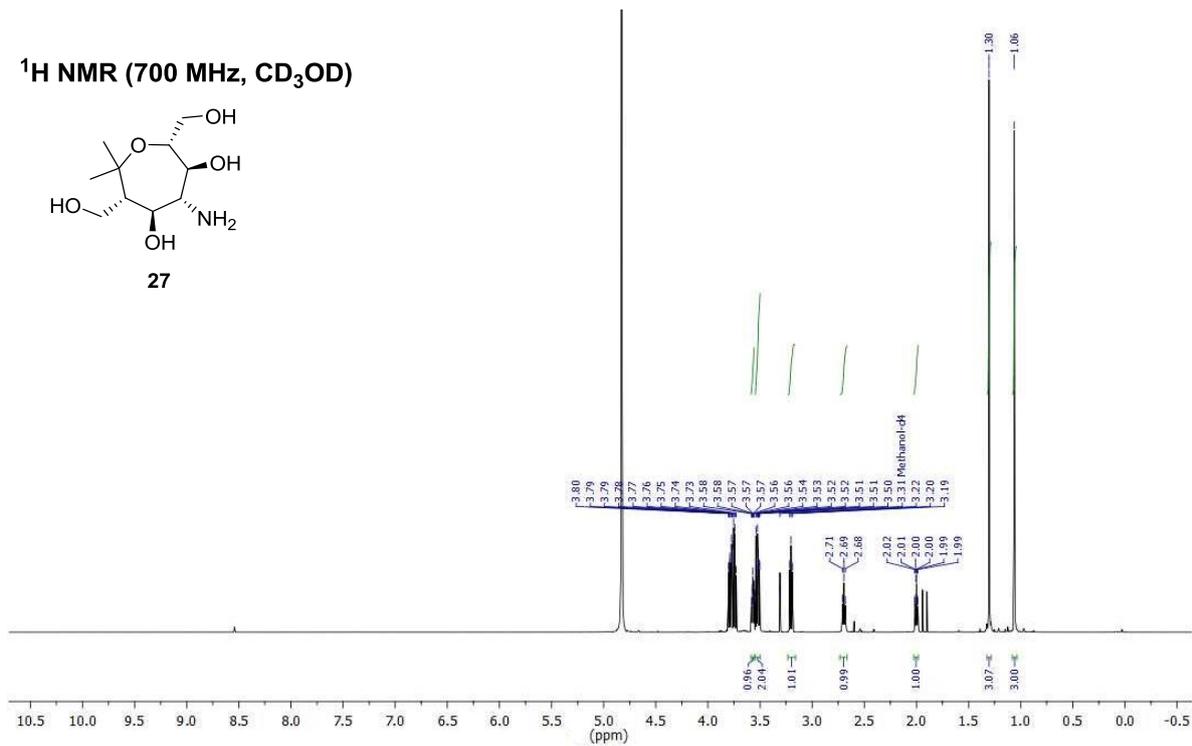
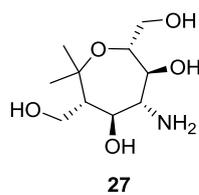
**<sup>13</sup>C NMR (175 MHz, CD<sub>3</sub>OD)**



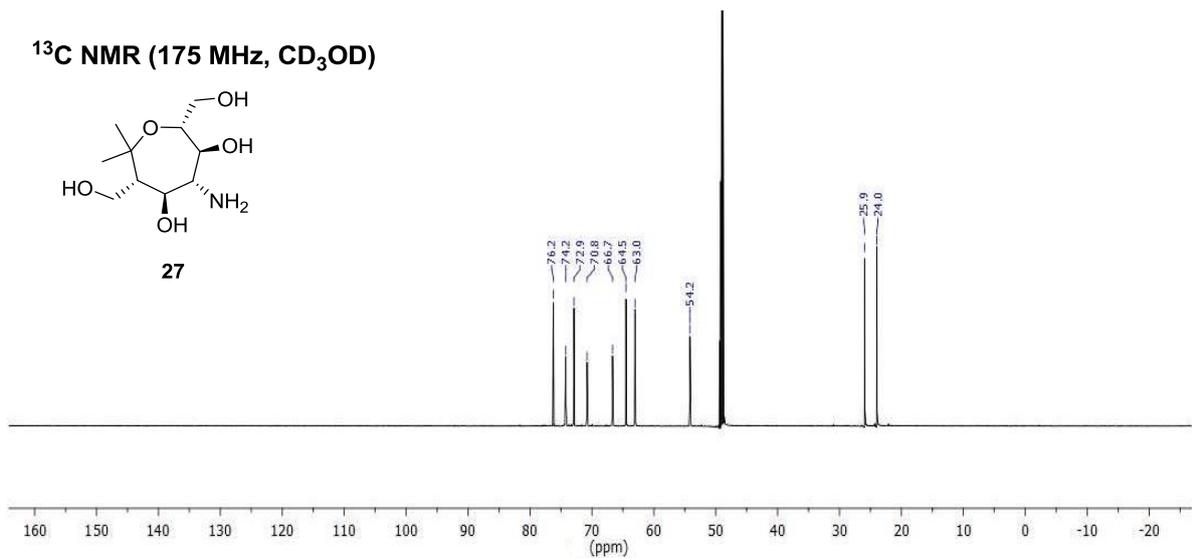
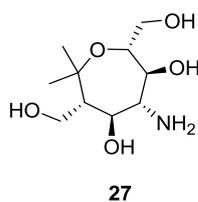
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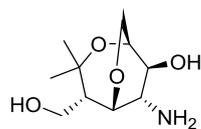
**<sup>1</sup>H NMR (700 MHz, CD<sub>3</sub>OD)**



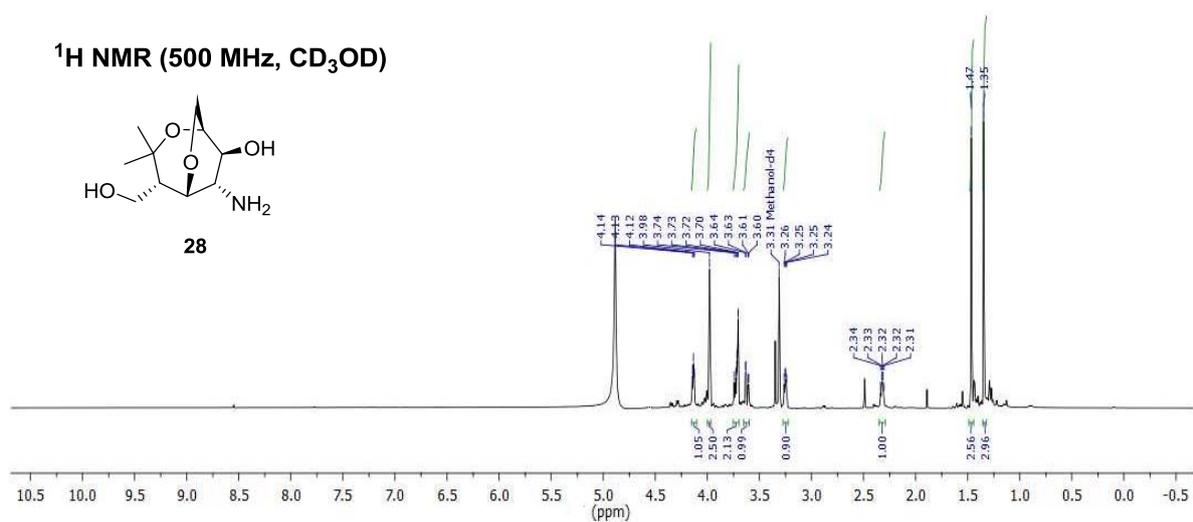
**<sup>13</sup>C NMR (175 MHz, CD<sub>3</sub>OD)**



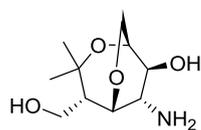
**<sup>1</sup>H NMR (500 MHz, CD<sub>3</sub>OD)**



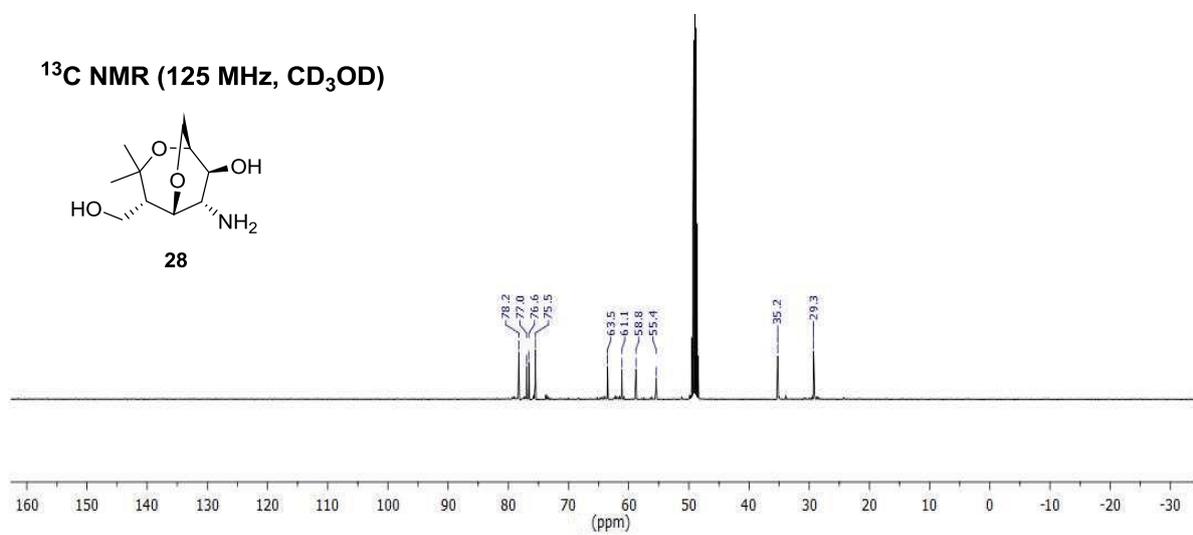
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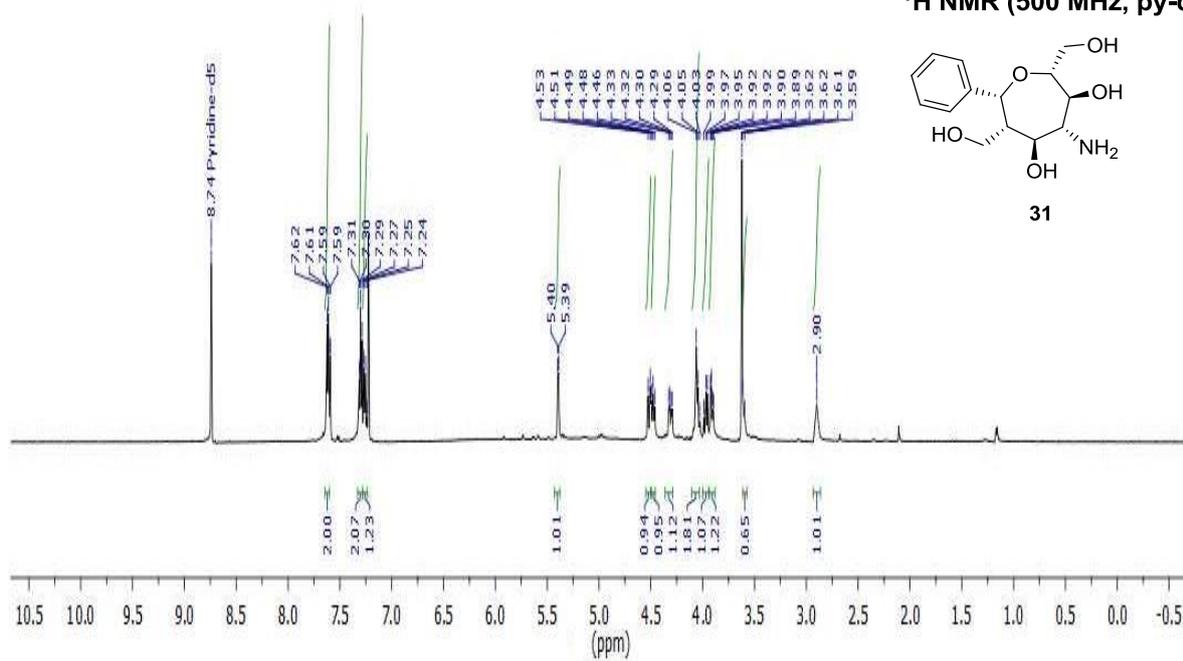
**<sup>13</sup>C NMR (125 MHz, CD<sub>3</sub>OD)**



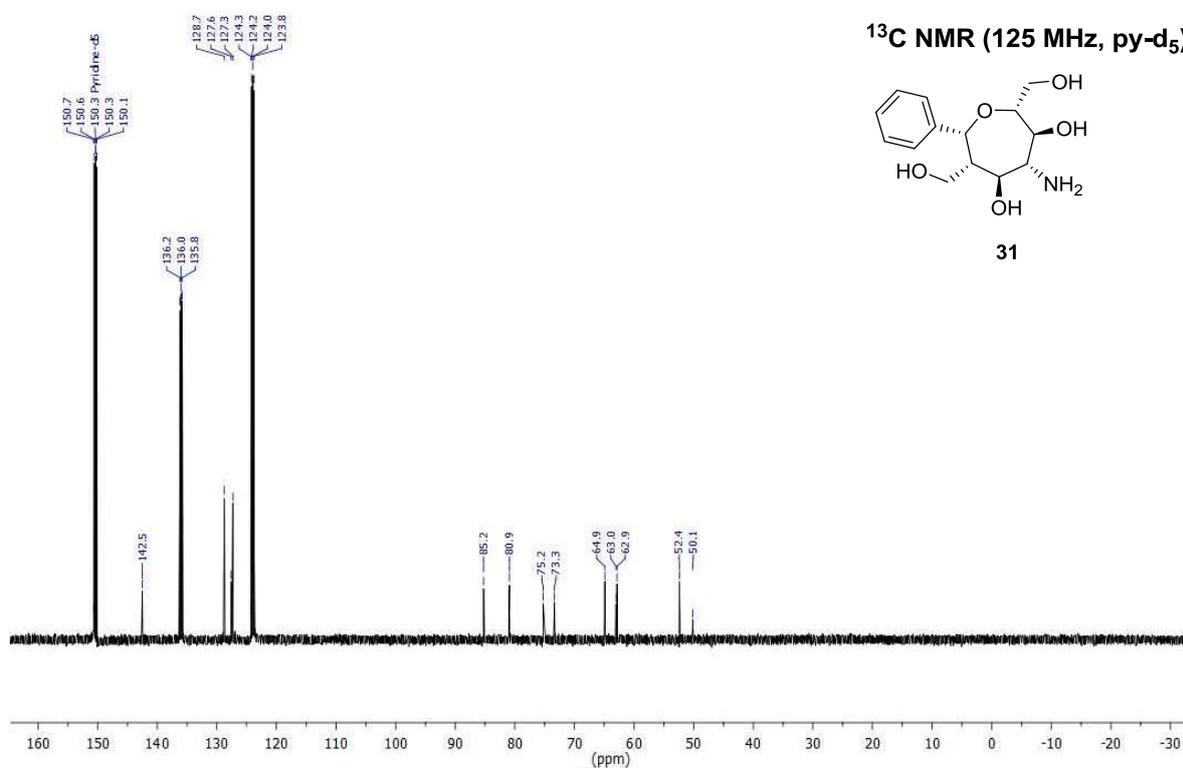
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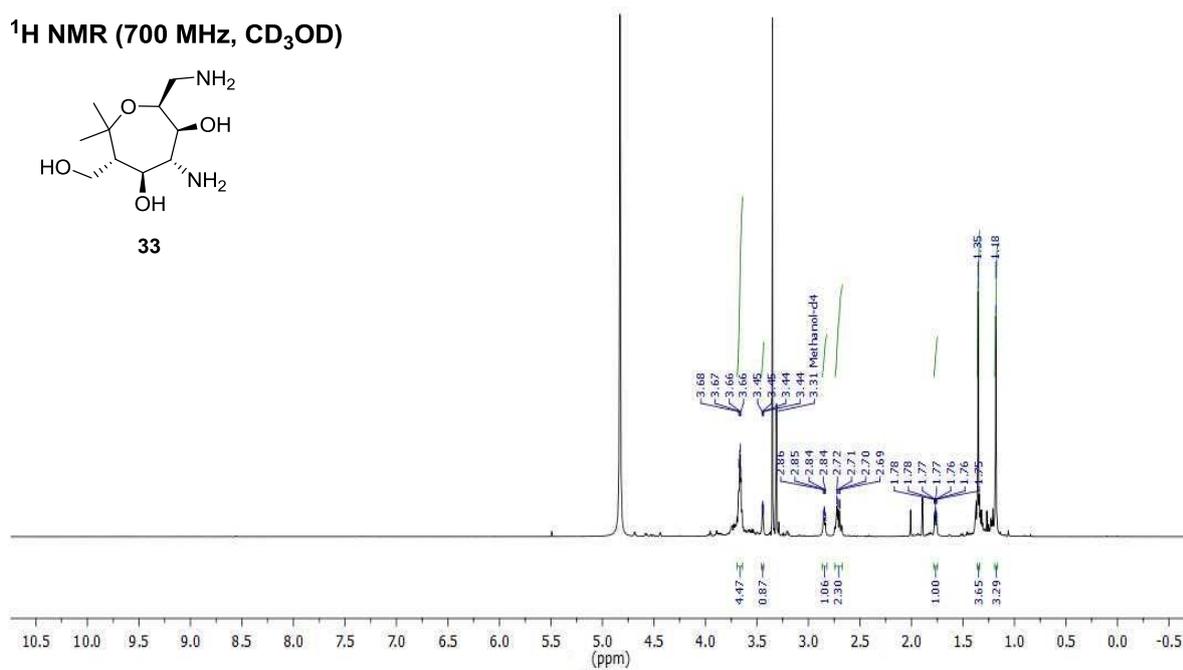
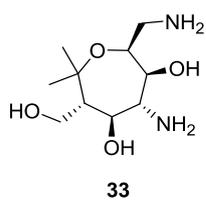
**<sup>1</sup>H NMR (500 MHz, py-d<sub>5</sub>)**



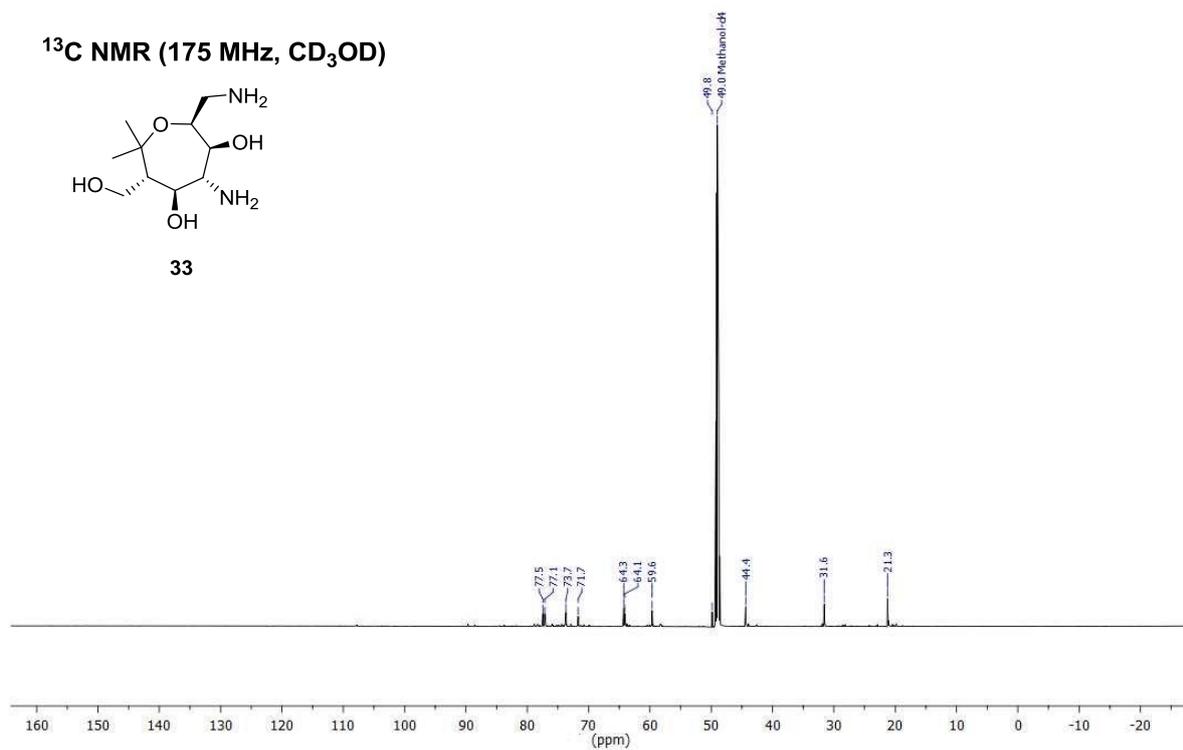
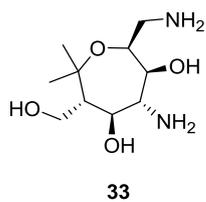
**<sup>13</sup>C NMR (125 MHz, py-d<sub>5</sub>)**



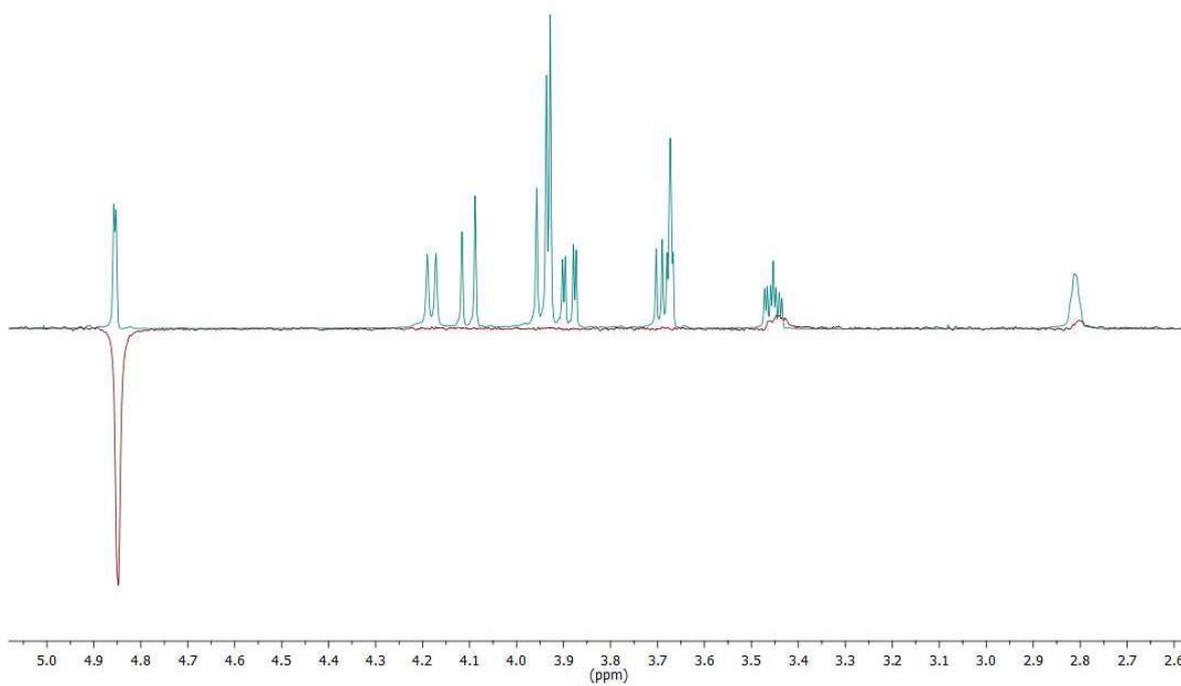
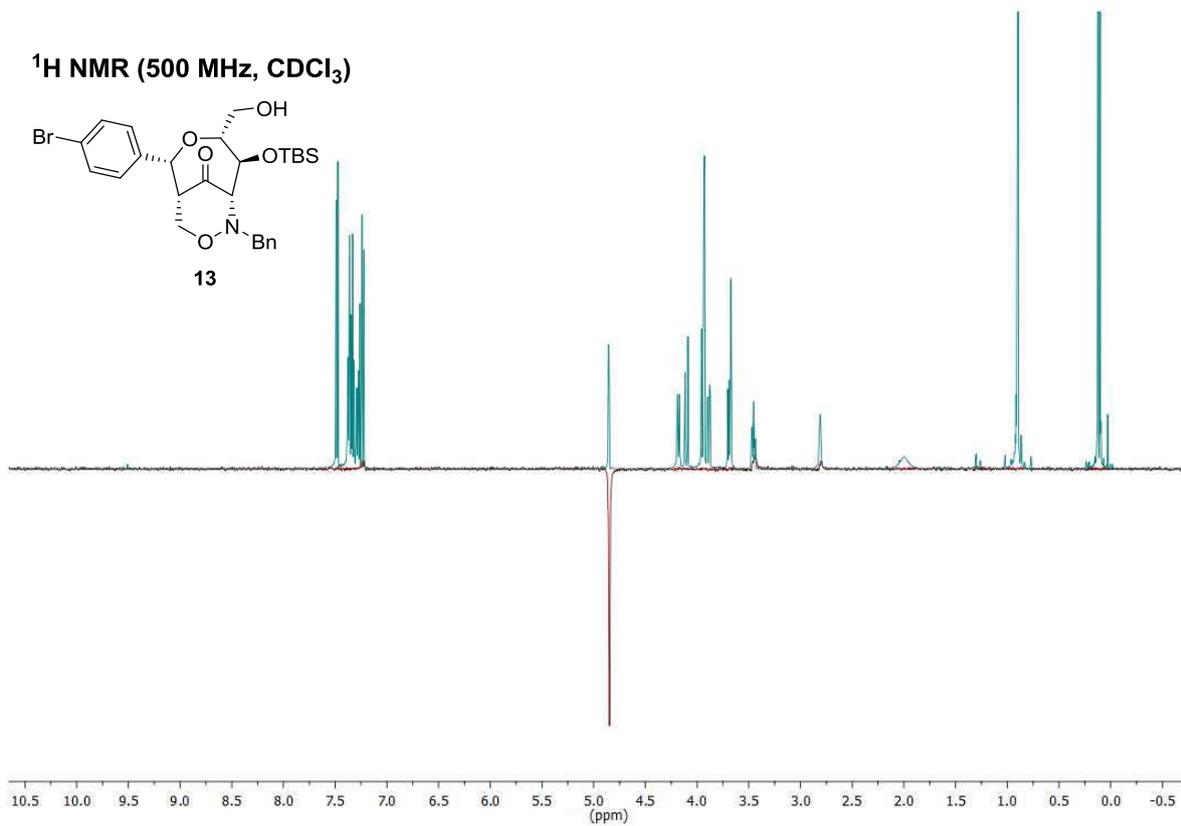
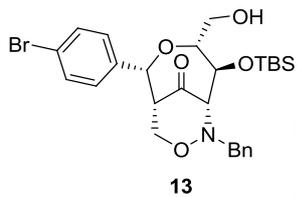
**<sup>1</sup>H NMR (700 MHz, CD<sub>3</sub>OD)**



**<sup>13</sup>C NMR (175 MHz, CD<sub>3</sub>OD)**



**<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)**



**<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)**

