

## **Synthesis and cytotoxic property of Annonaceous acetogenin**

### **glycoconjugates**

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### **Supplementary Material**

**<sup>1</sup>H and <sup>13</sup>C NMR Spectra of Compounds 4, 5, 11 – 15, 17 and 18.**

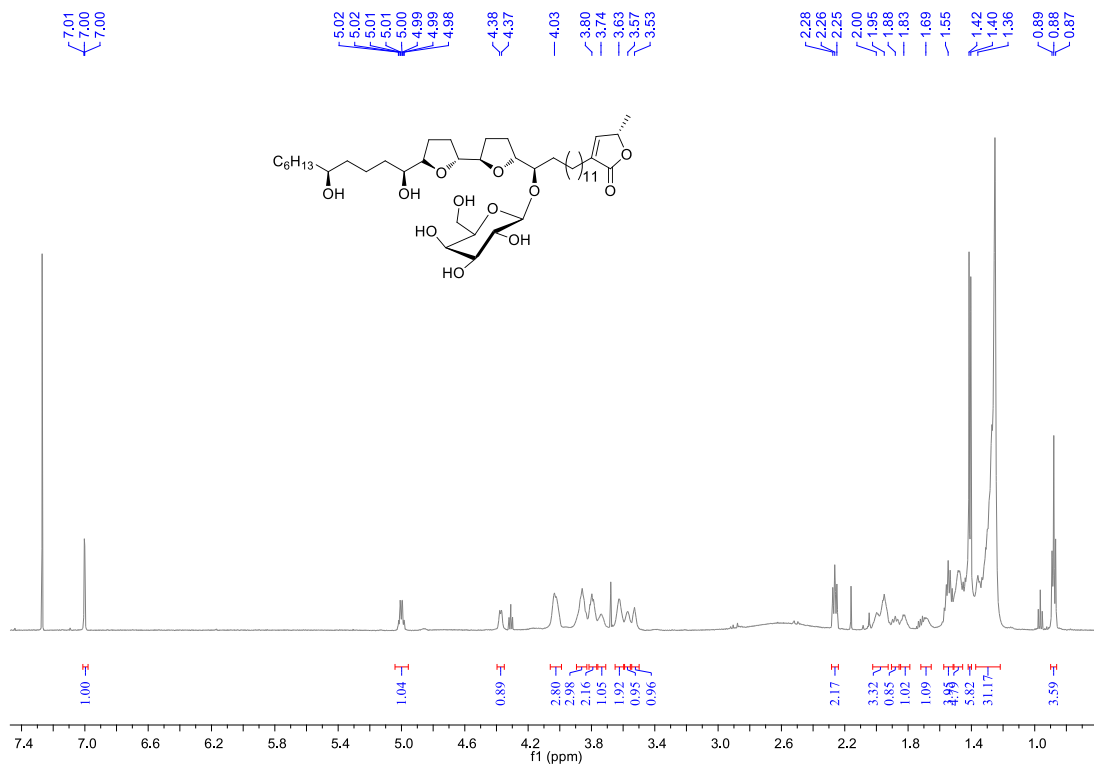


Figure 1s.  $^1\text{H}$  NMR Spectrum of 4 (600 MHz,  $\text{CDCl}_3$ )

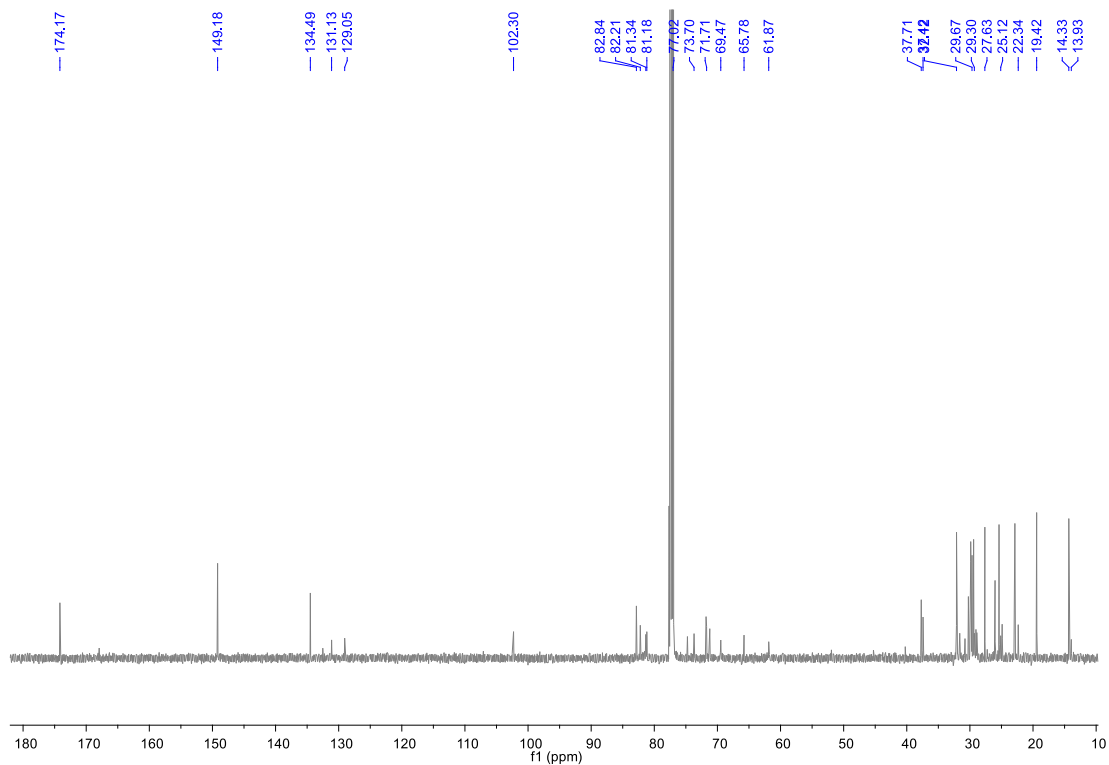


Figure 2s.  $^{13}\text{C}$  NMR Spectrum of 4 (150 MHz,  $\text{CDCl}_3$ )

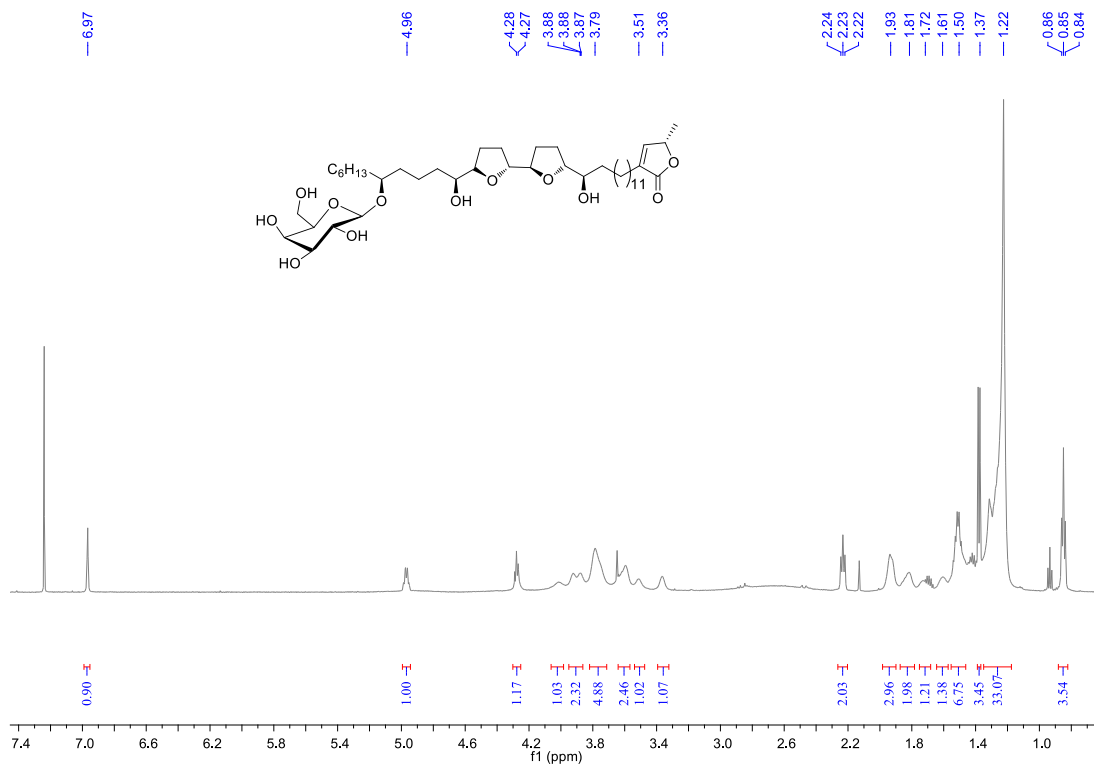


Figure 3s. <sup>1</sup>H NMR Spectrum of 5 (600 MHz, CDCl<sub>3</sub>)

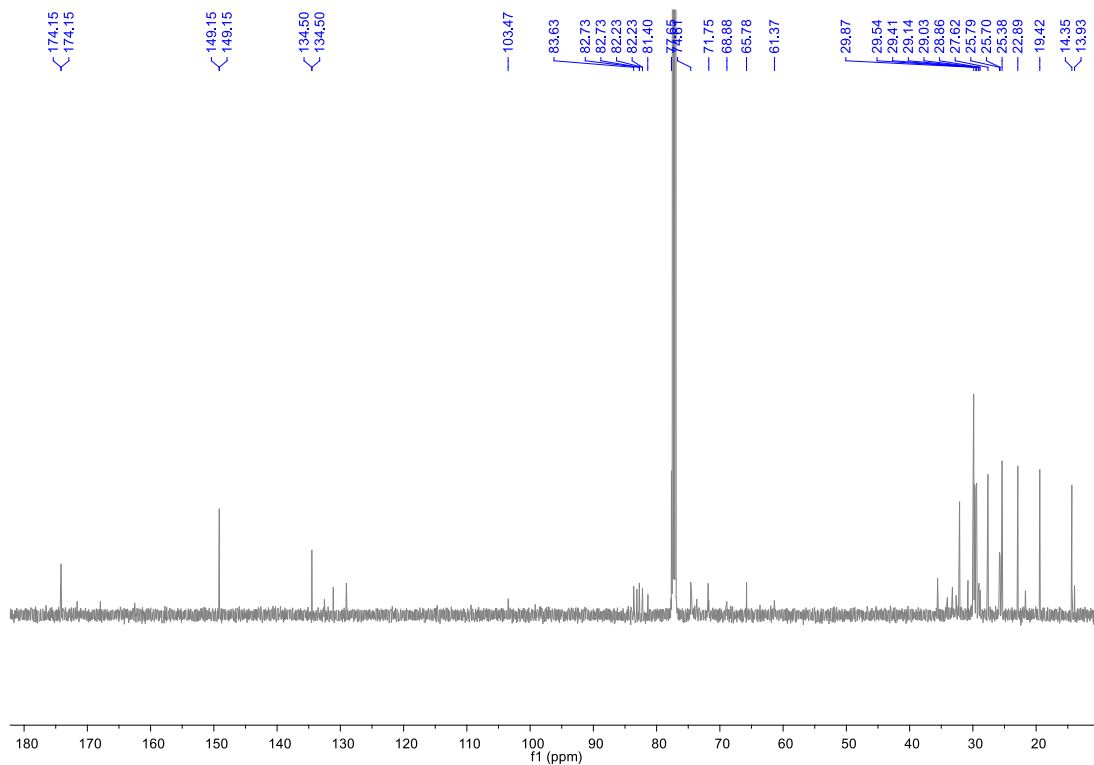


Figure 4s. <sup>13</sup>C NMR Spectrum of 5 (150 MHz, CDCl<sub>3</sub>)

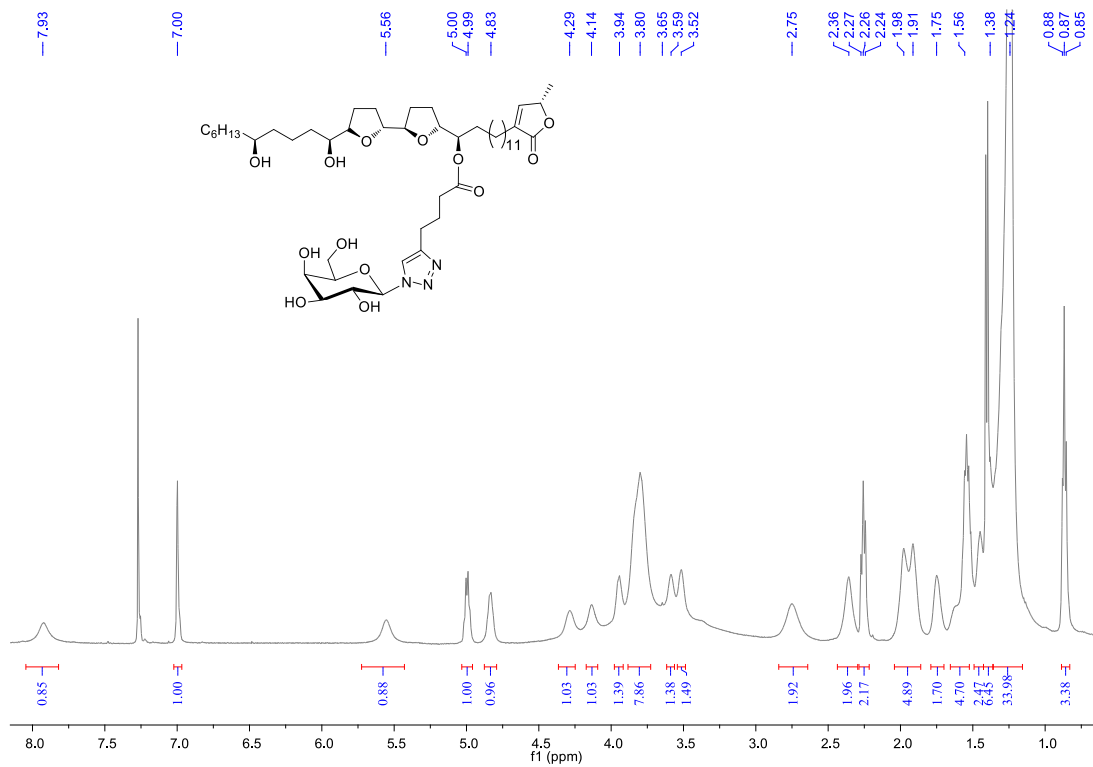


Figure 5s. <sup>1</sup>H NMR Spectrum of 11 (600 MHz, CDCl<sub>3</sub>)

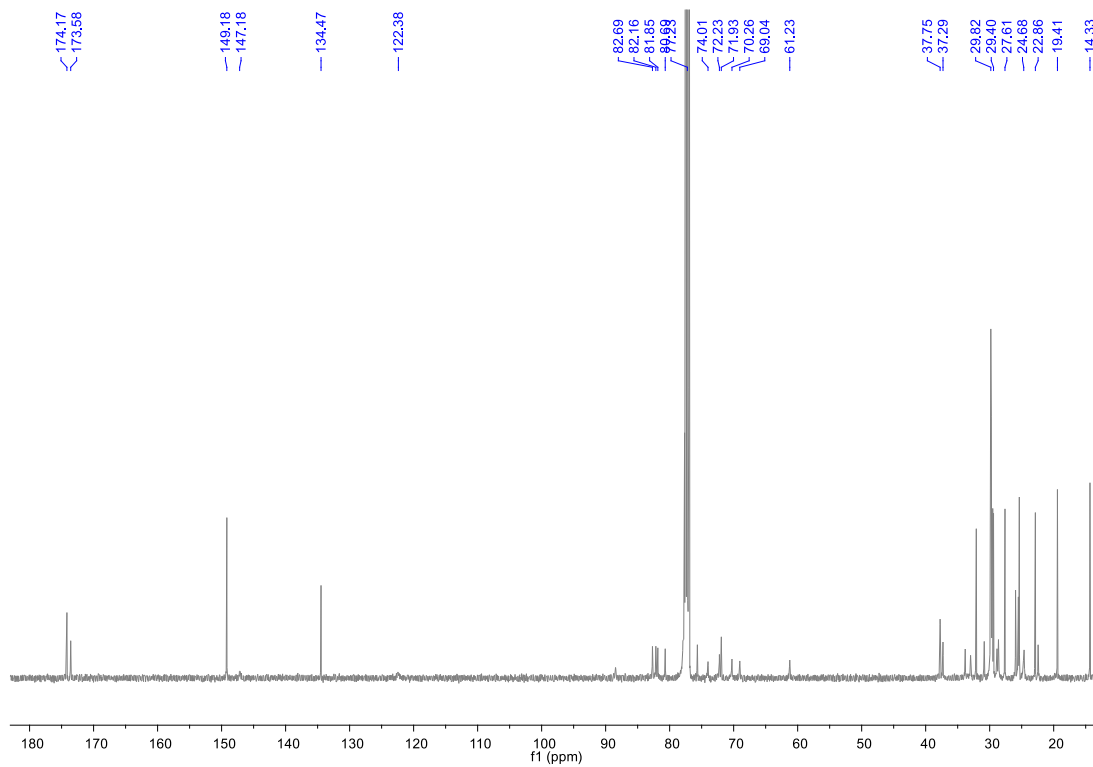


Figure 6s. <sup>13</sup>C NMR Spectrum of 11 (150 MHz, CDCl<sub>3</sub>)

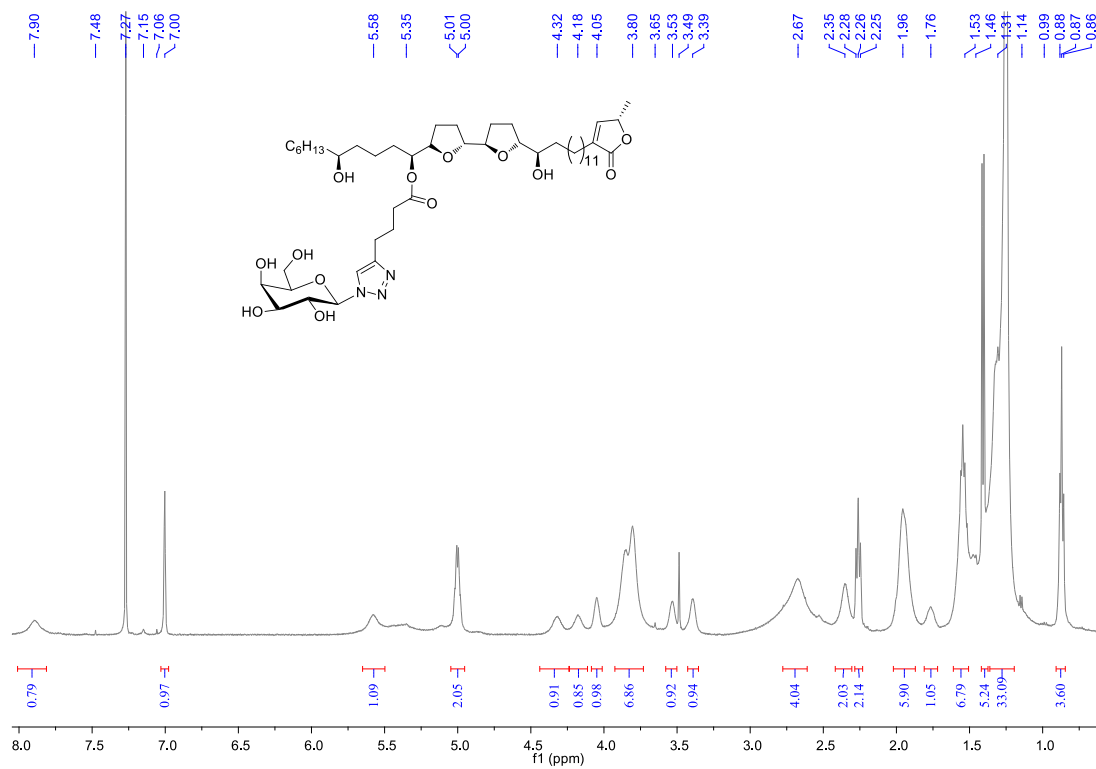


Figure 7s. <sup>1</sup>H NMR Spectrum of 12 (600 MHz, CDCl<sub>3</sub>)

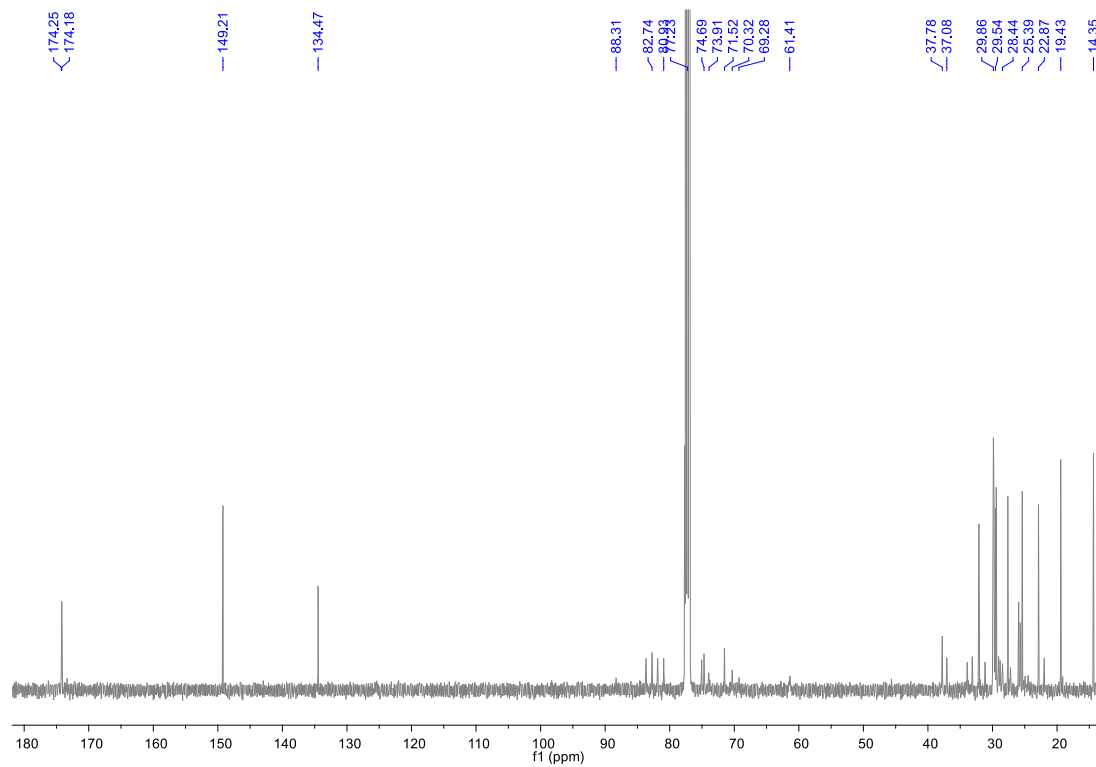


Figure 8s. <sup>13</sup>C NMR Spectrum of 12 (150 MHz, CDCl<sub>3</sub>)

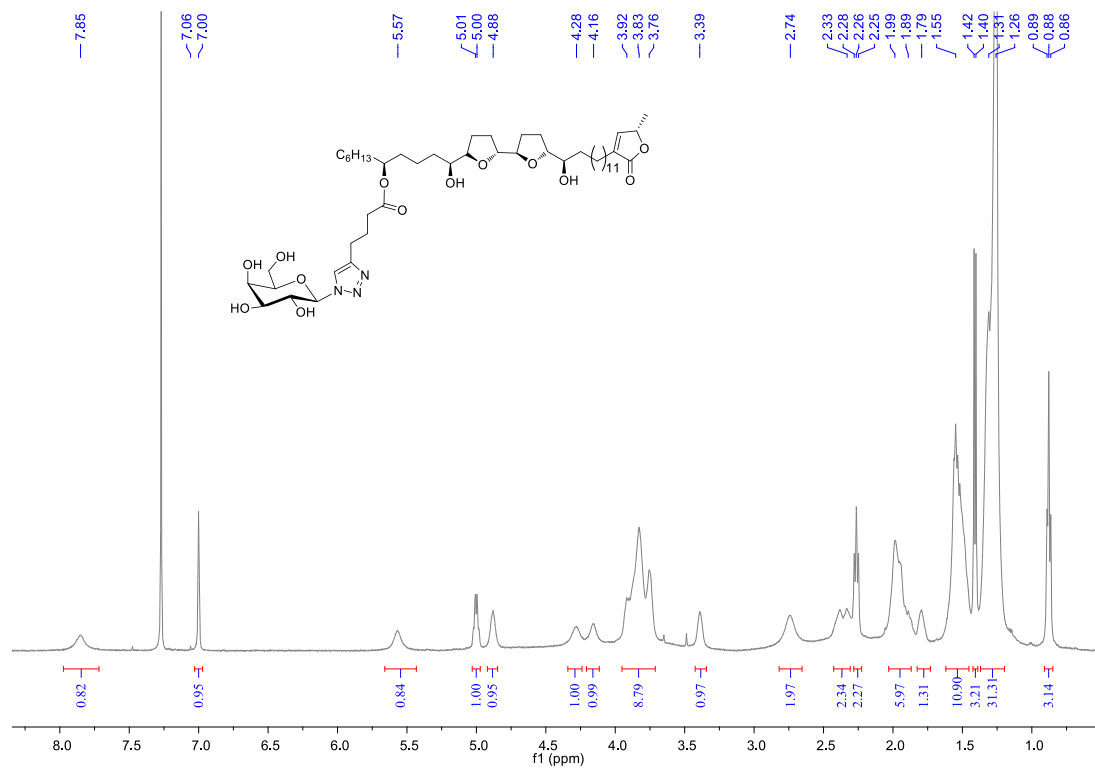


Figure 9s.  $^1\text{H}$  NMR Spectrum of 13 (600 MHz,  $\text{CDCl}_3$ )

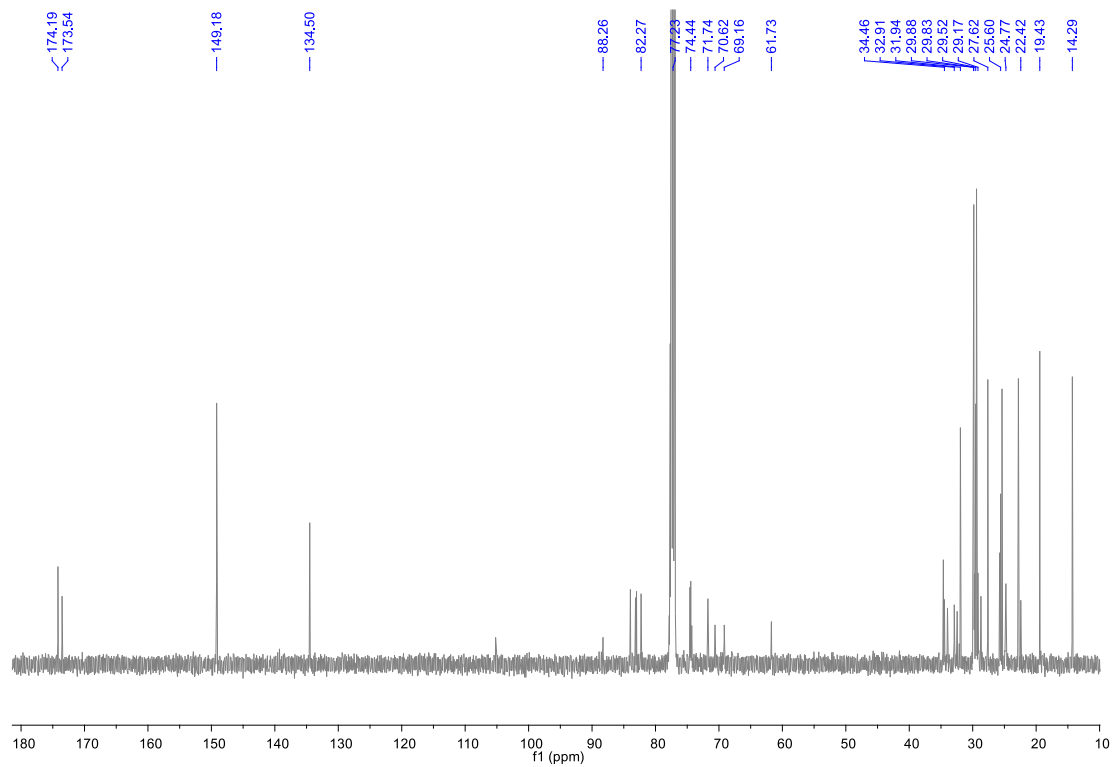


Figure 10s.  $^{13}\text{C}$  NMR Spectrum of 13 (150 MHz,  $\text{CDCl}_3$ )

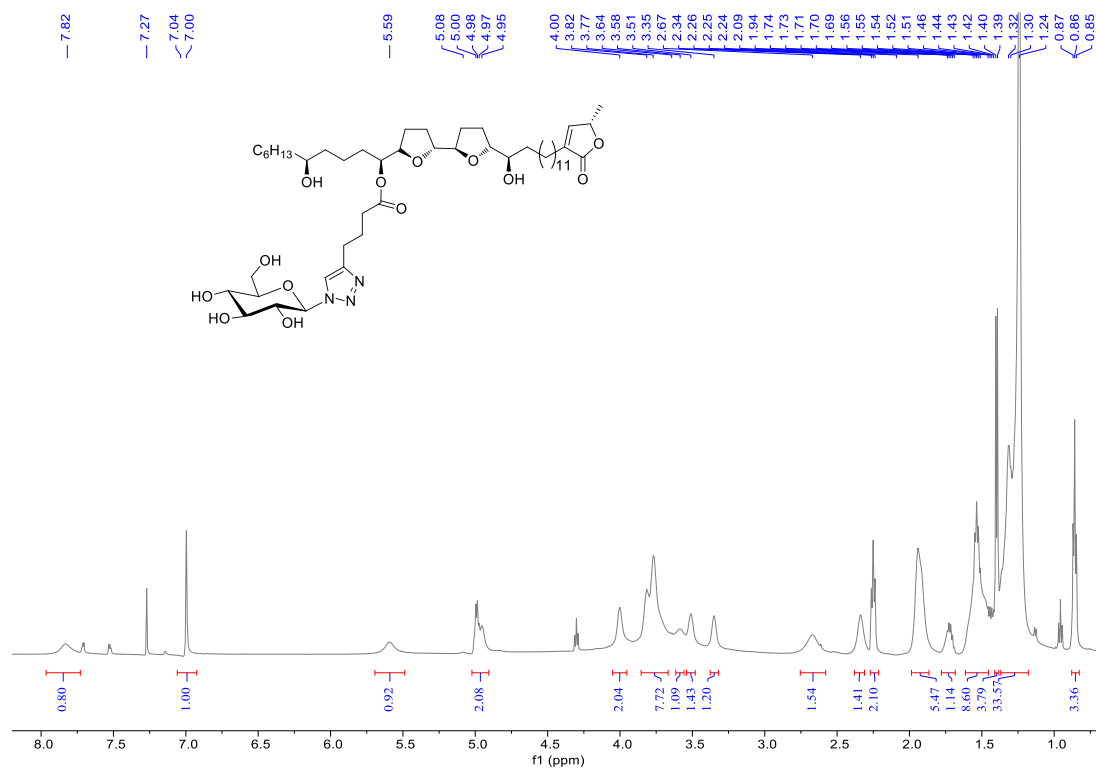


Figure 11s. <sup>1</sup>H NMR Spectrum of 14 (600 MHz, CDCl<sub>3</sub>)

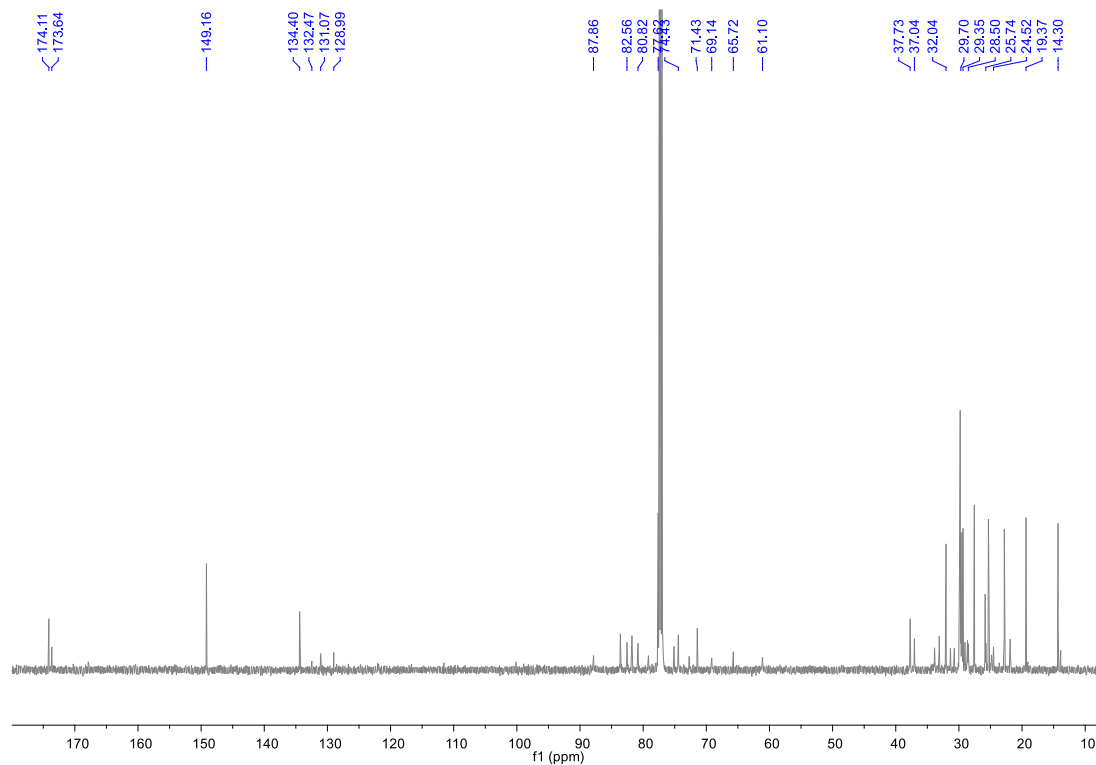


Figure 12s. <sup>13</sup>C NMR Spectrum of 14 (150 MHz, CDCl<sub>3</sub>)

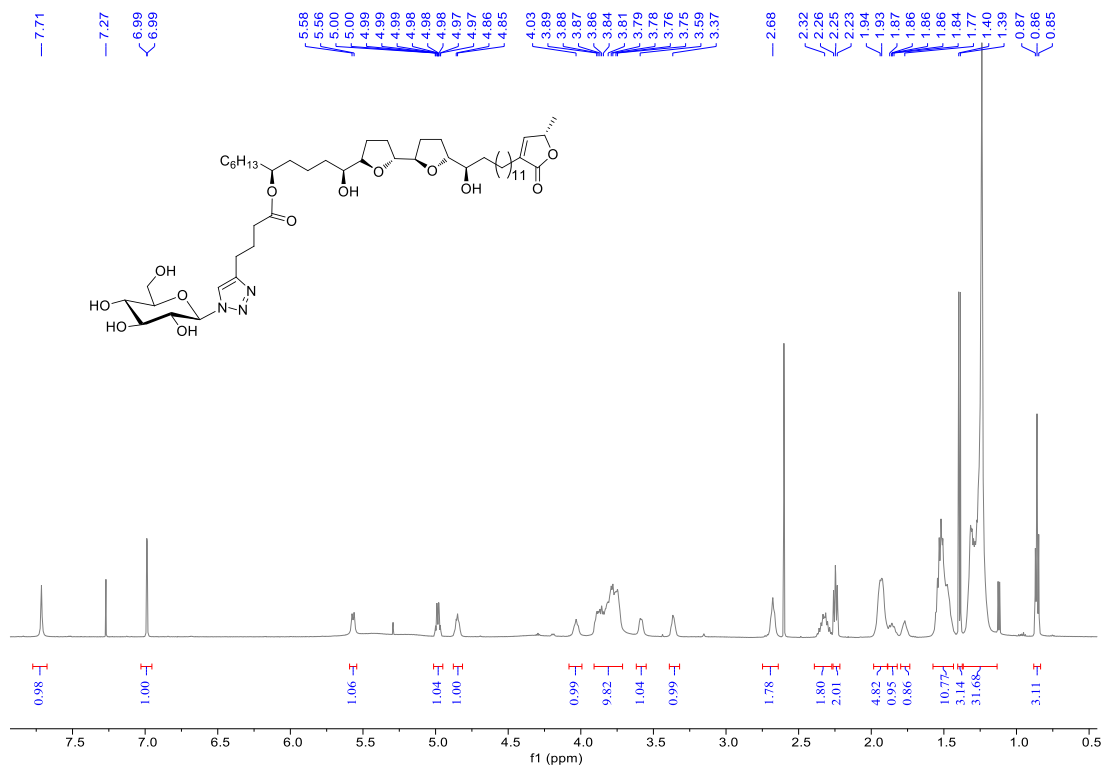


Figure 13s. <sup>1</sup>H NMR Spectrum of 15 (600 MHz, CDCl<sub>3</sub>)

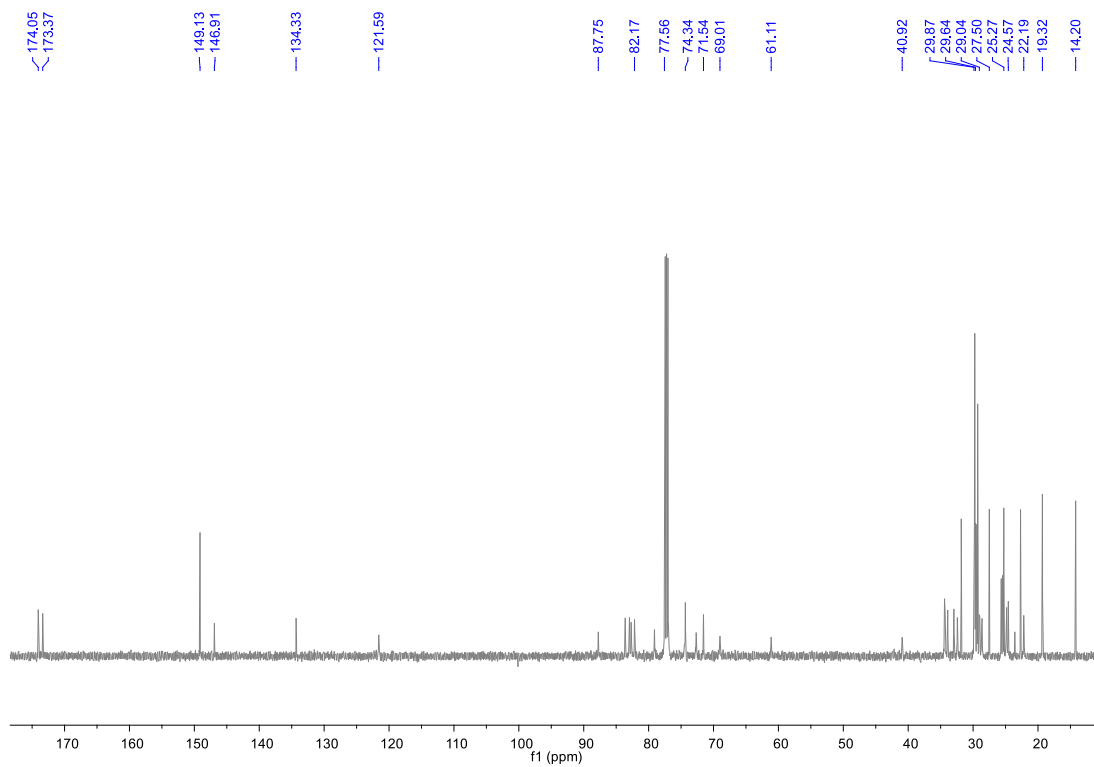
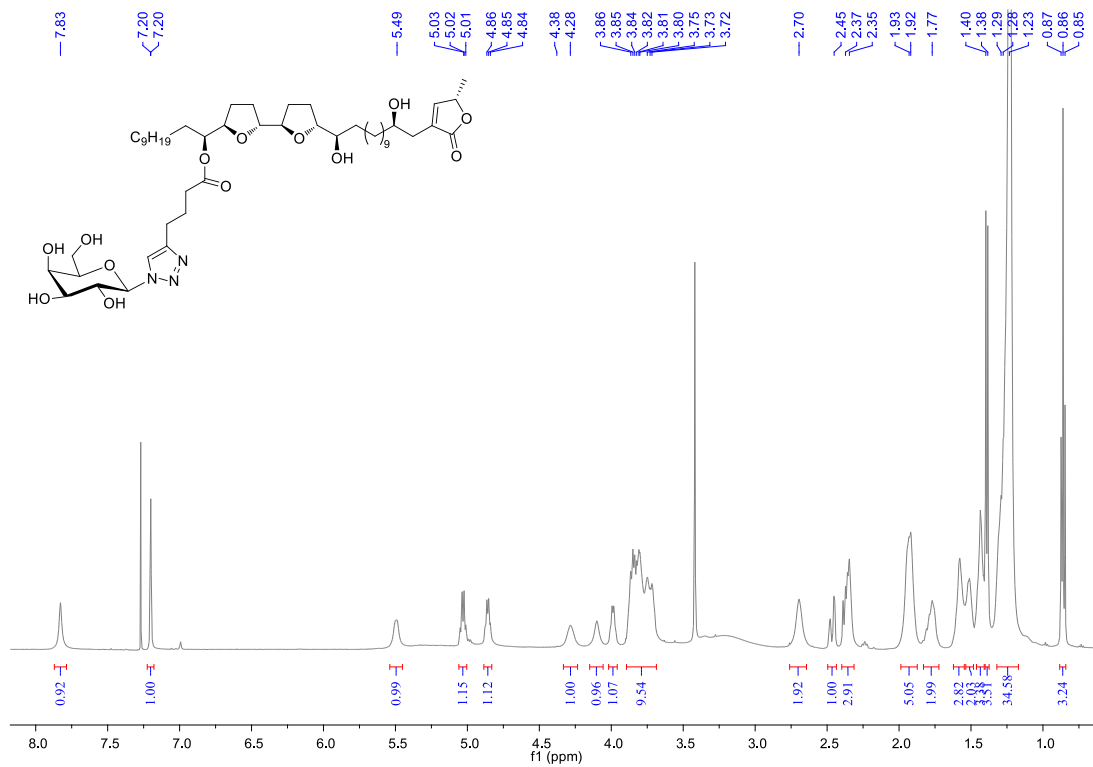
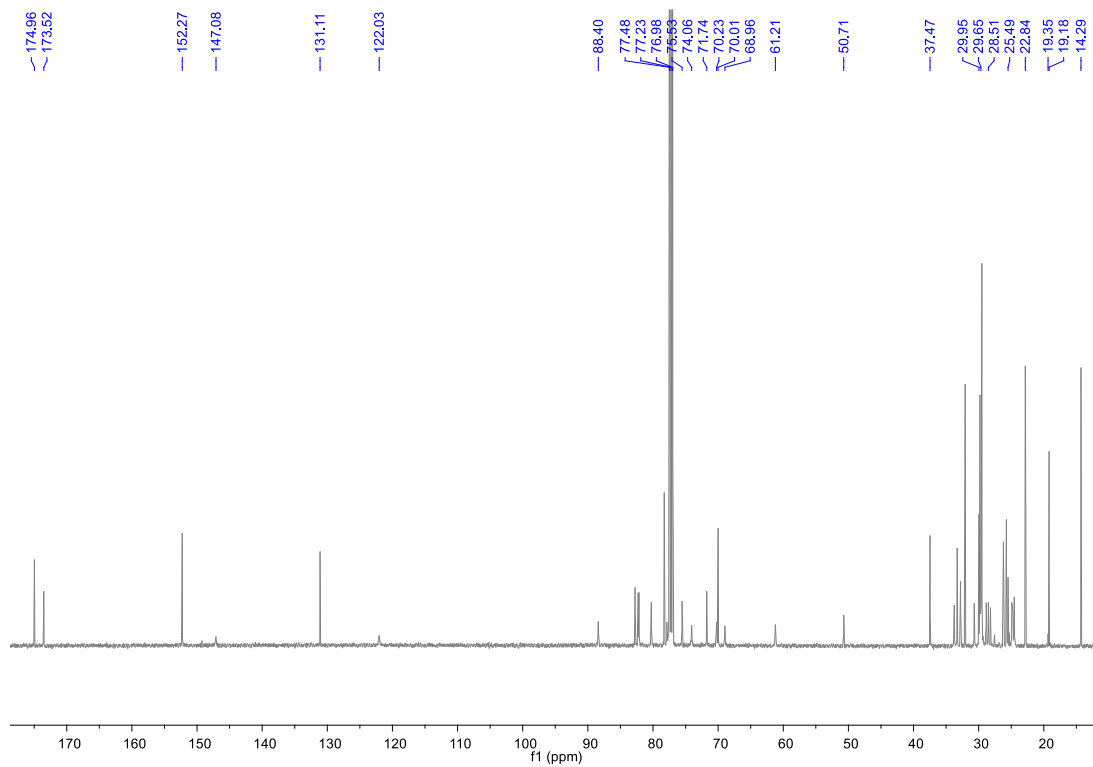


Figure 14s. <sup>13</sup>C NMR Spectrum of 15 (150 MHz, CDCl<sub>3</sub>)





**Figure 15s. <sup>1</sup>H NMR Spectrum of 17 (600 MHz, CDCl<sub>3</sub>)**



**Figure 16s. <sup>13</sup>C NMR Spectrum of 17 (150 MHz, CDCl<sub>3</sub>)**

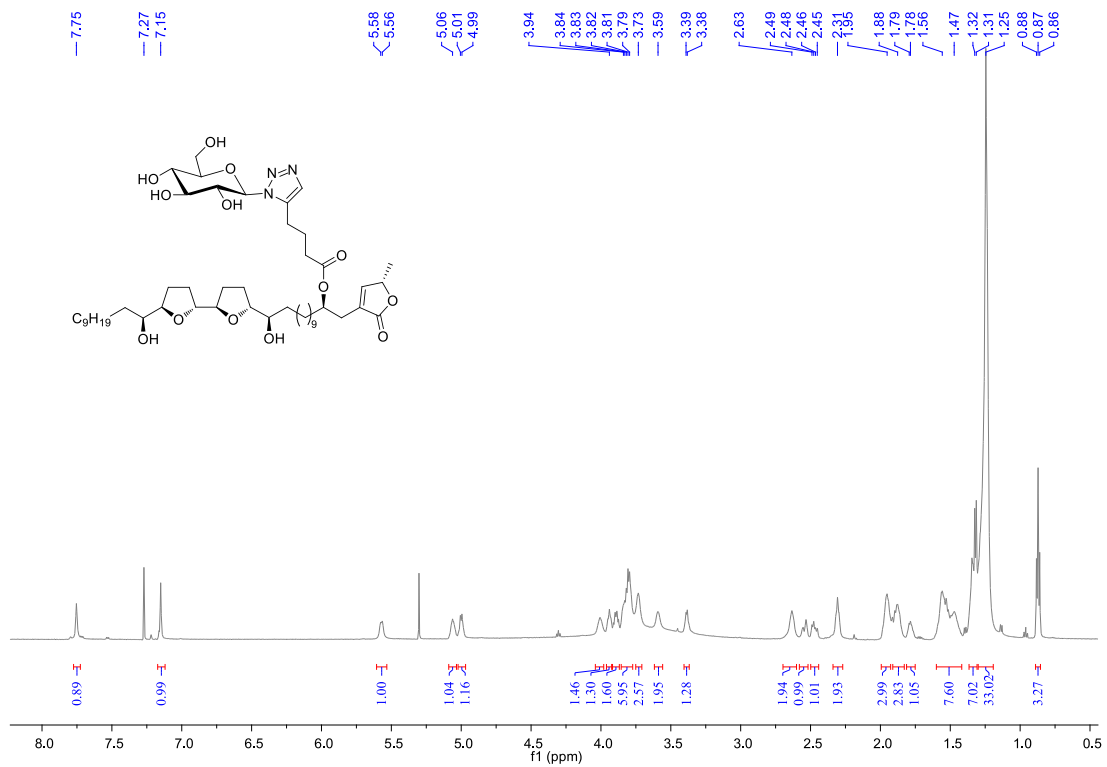


Figure 17s.  $^1\text{H}$  NMR Spectrum of 18 (600 MHz,  $\text{CDCl}_3$ )

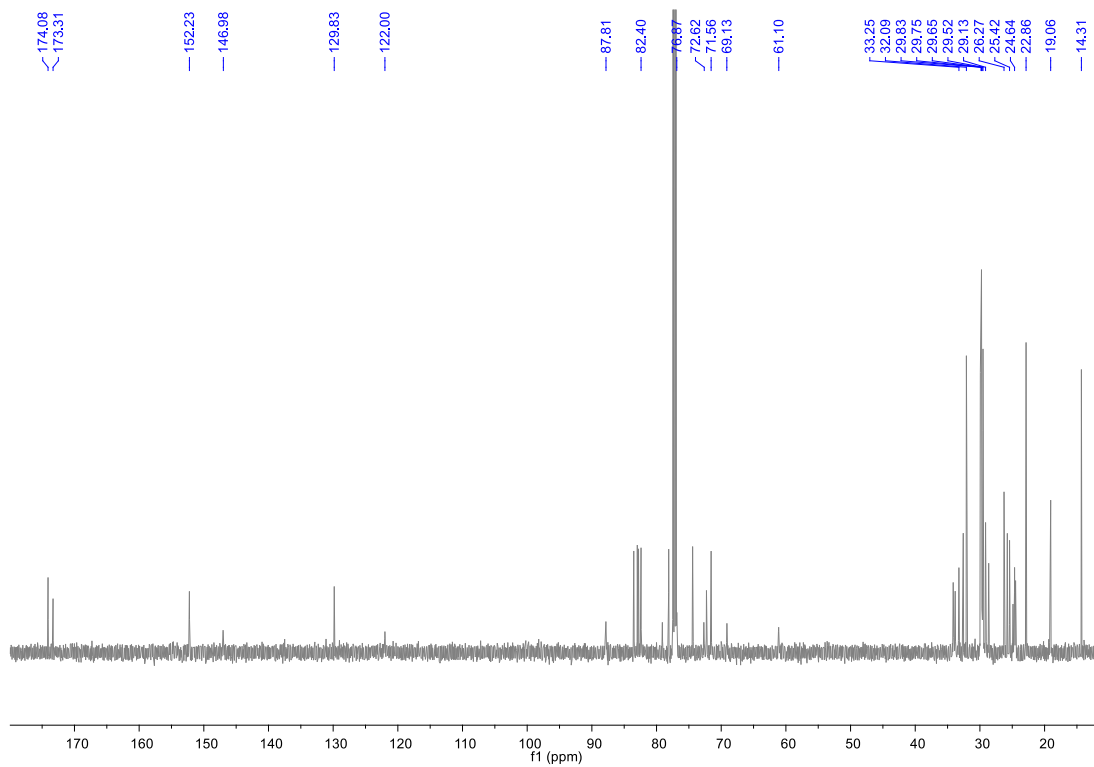


Figure 18s.  $^{13}\text{C}$  NMR Spectrum of 18 (150 MHz,  $\text{CDCl}_3$ )