

Supplementary Material S3:

Synthesis, Biological Evaluation and Docking Studies of Ring-Opened Analogues of Ipomoeassin F

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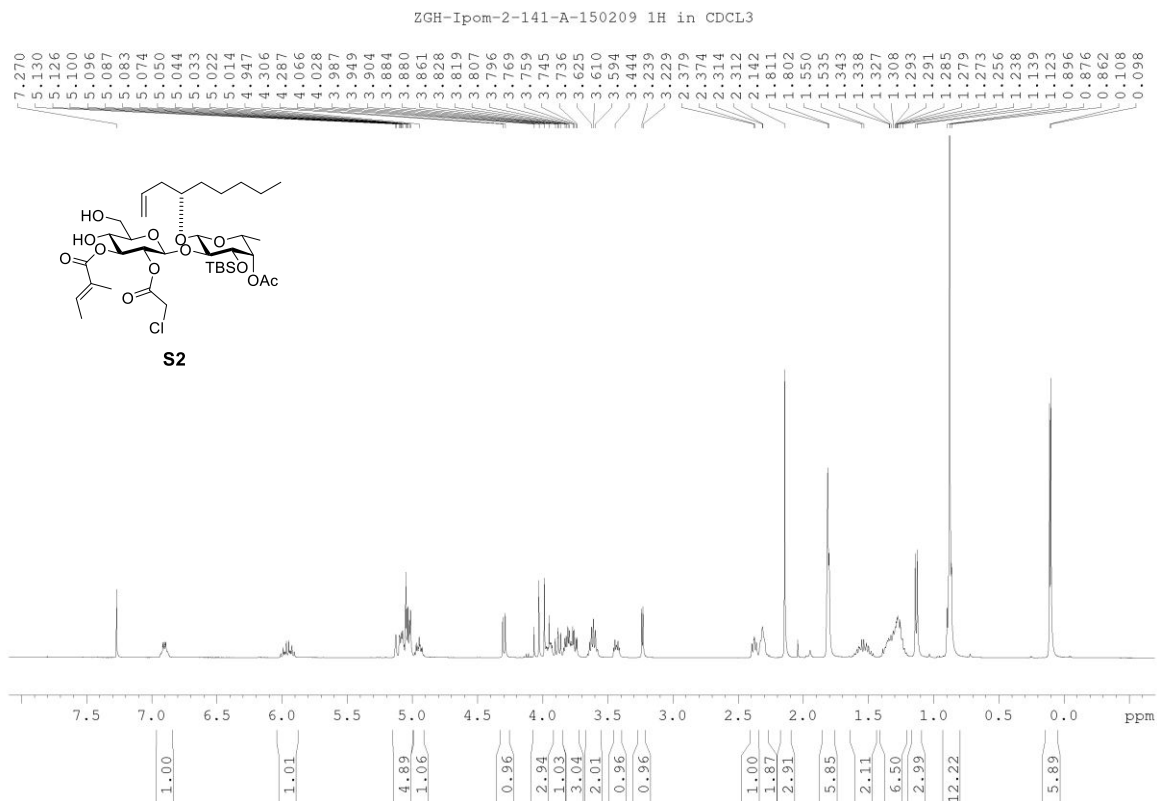
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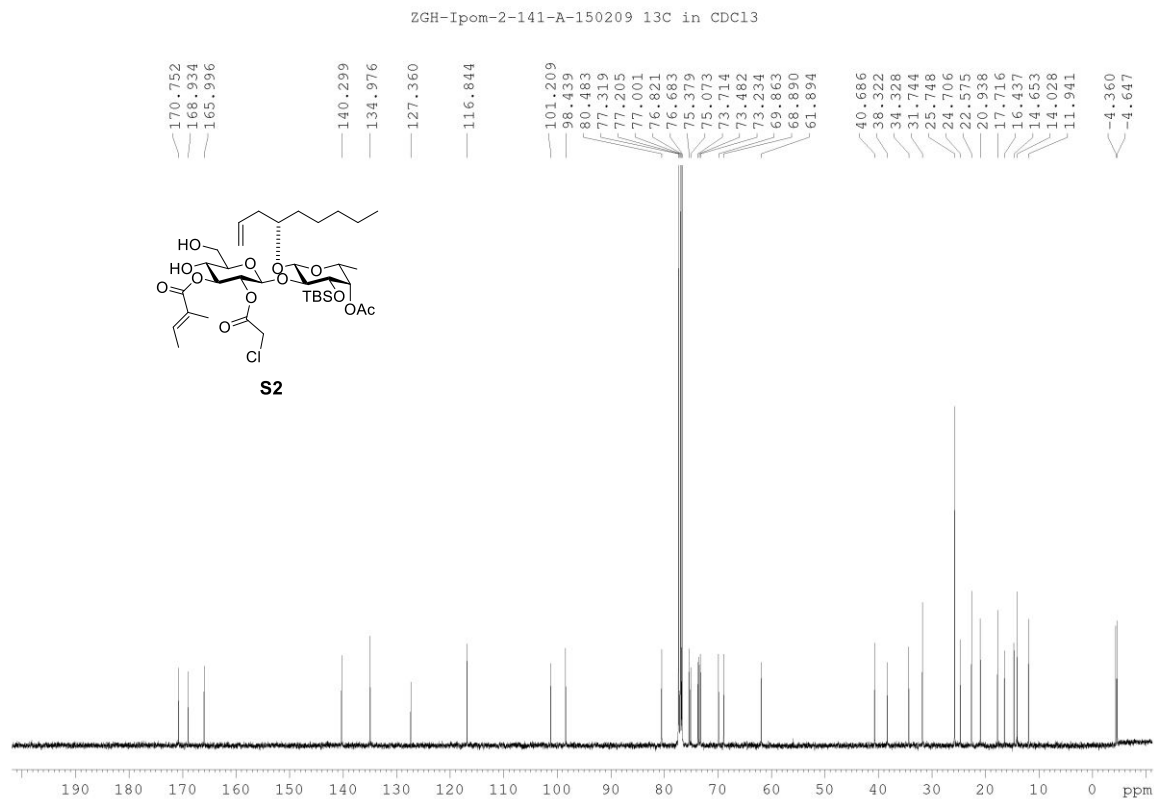
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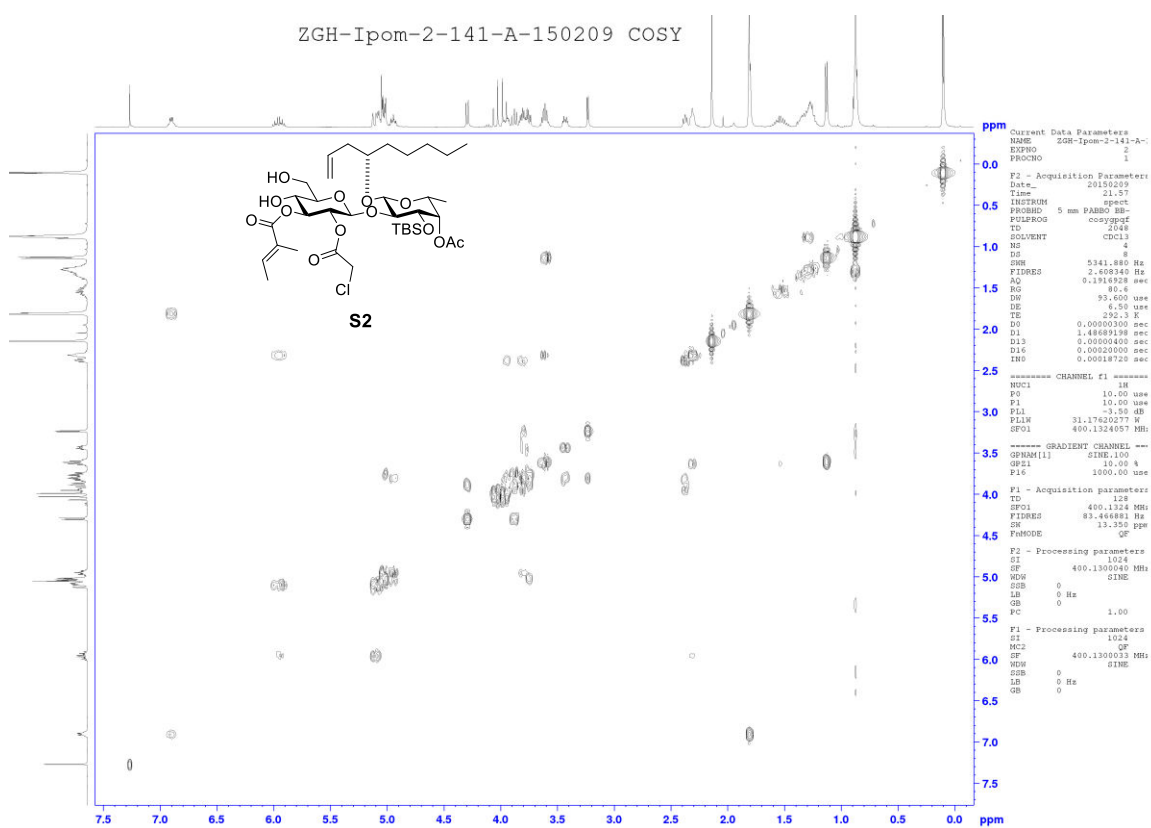
^1H NMR spectrum of **S2** (CDCl_3 , 400 MHz)



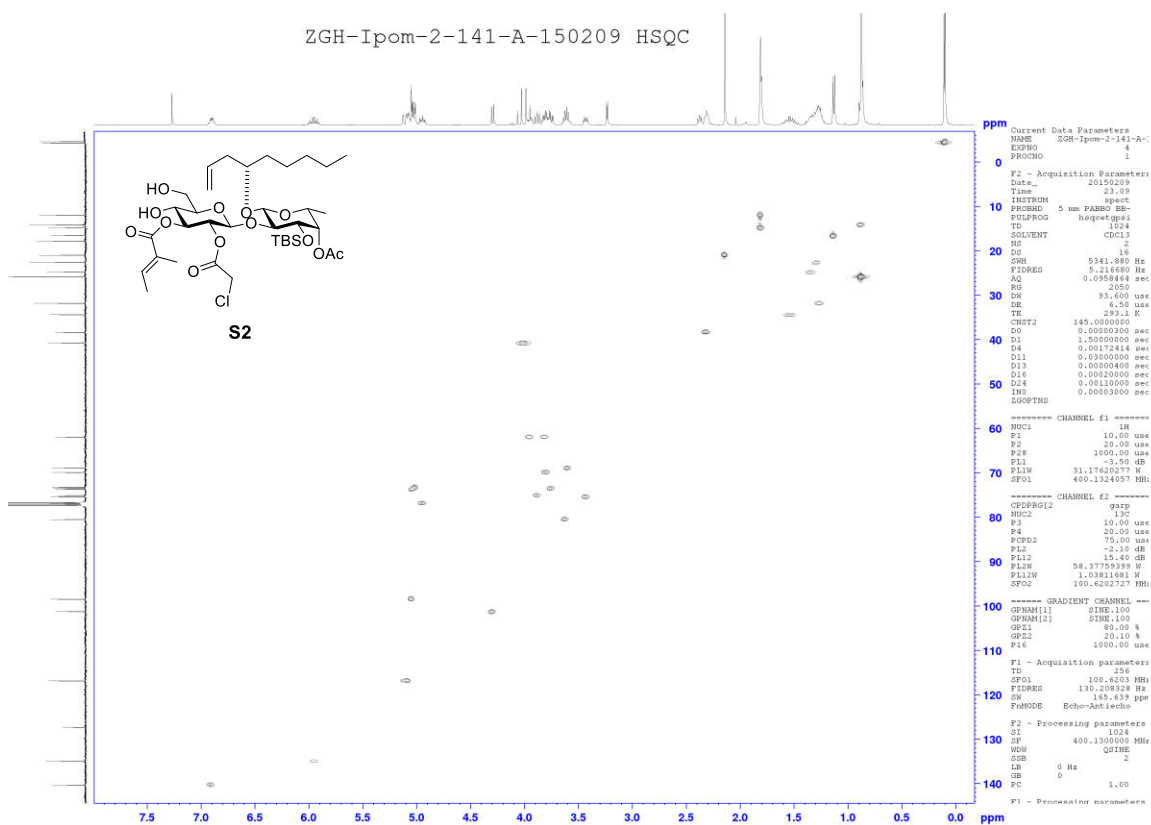
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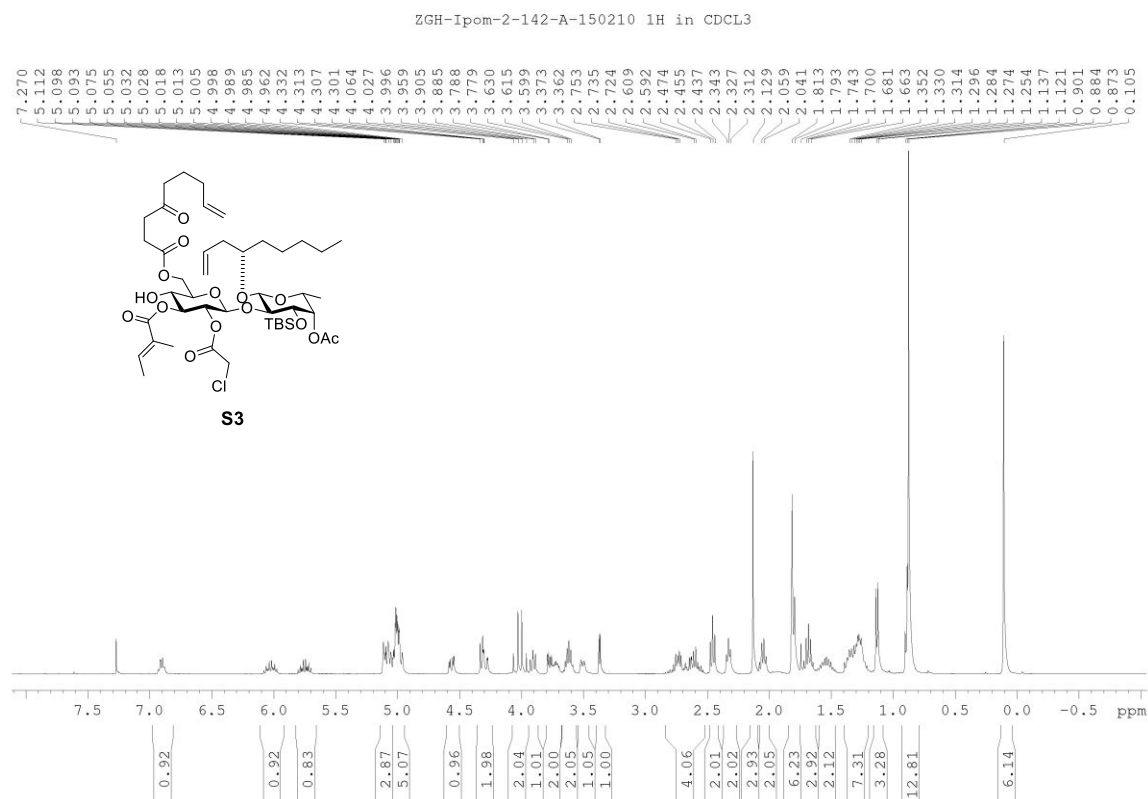
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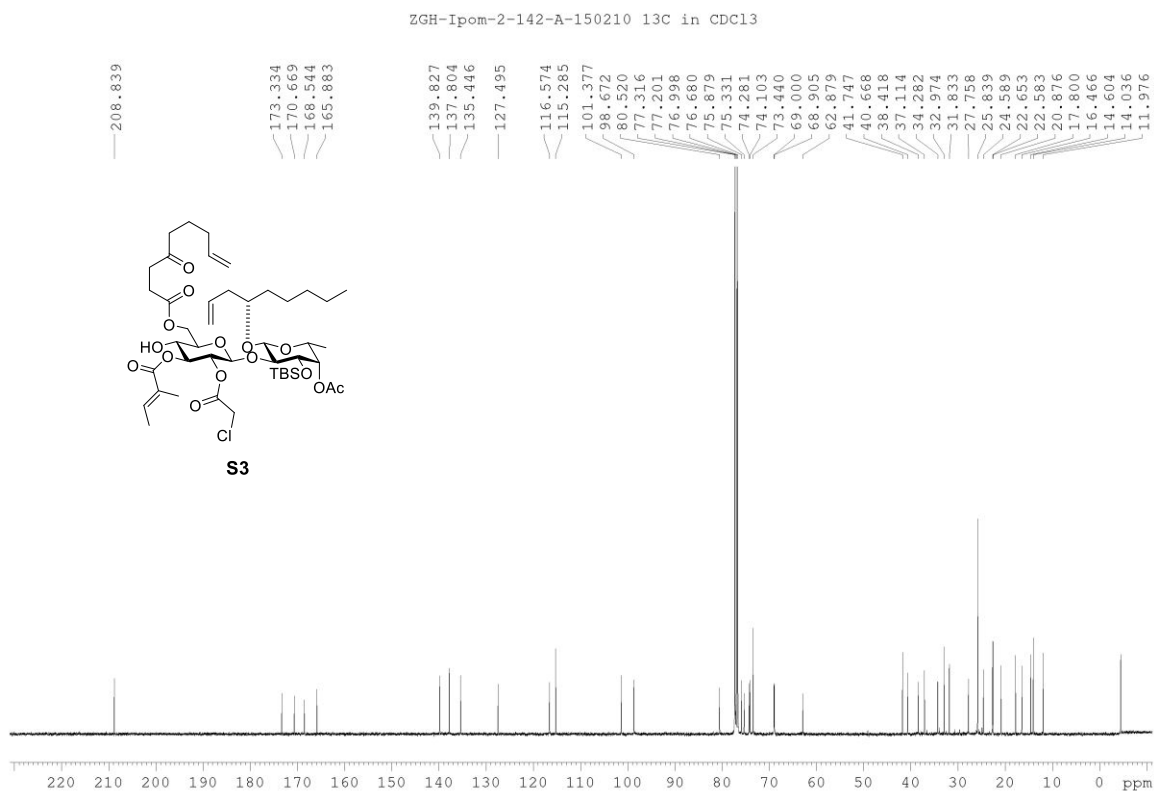
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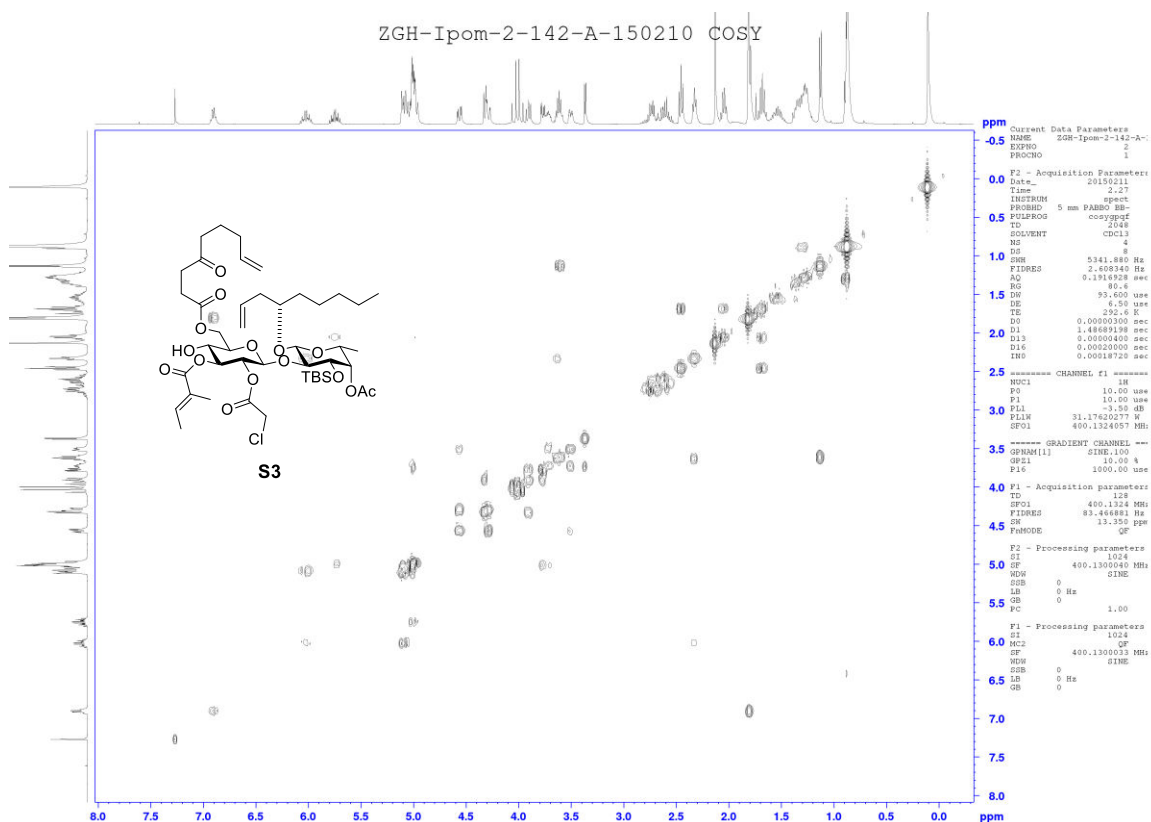
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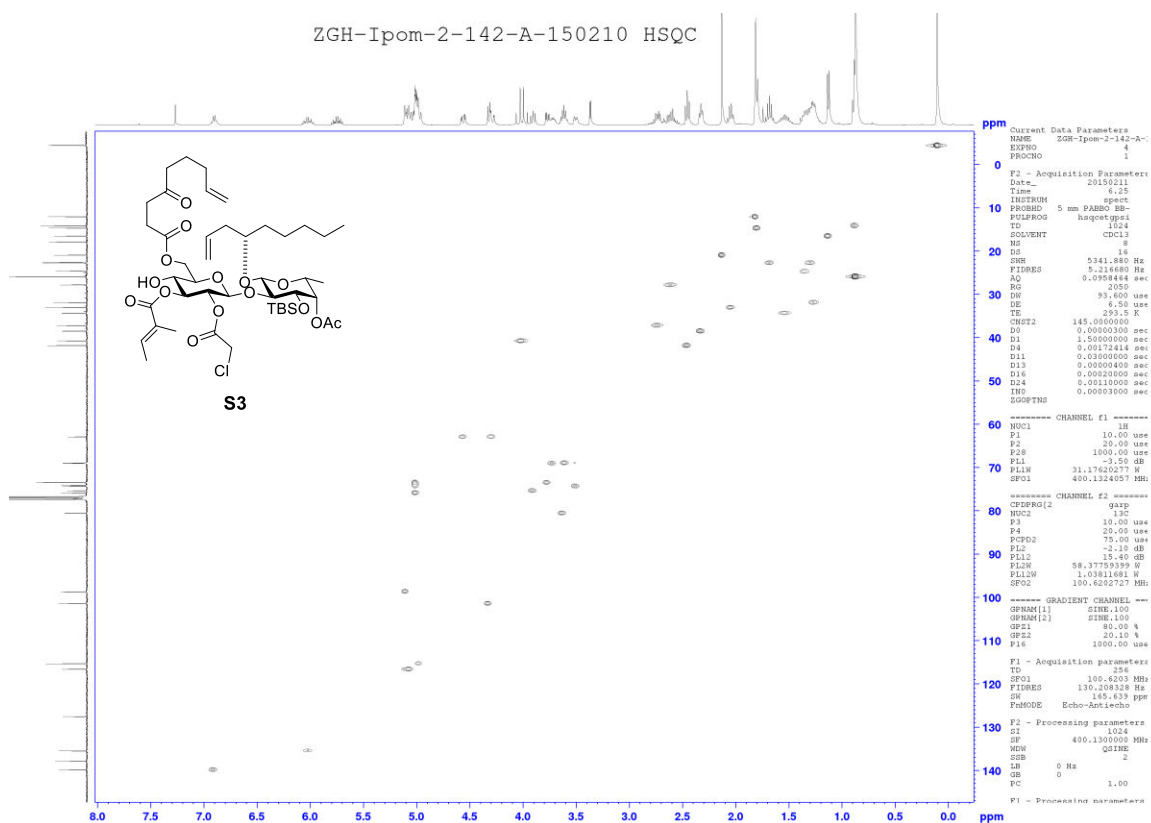
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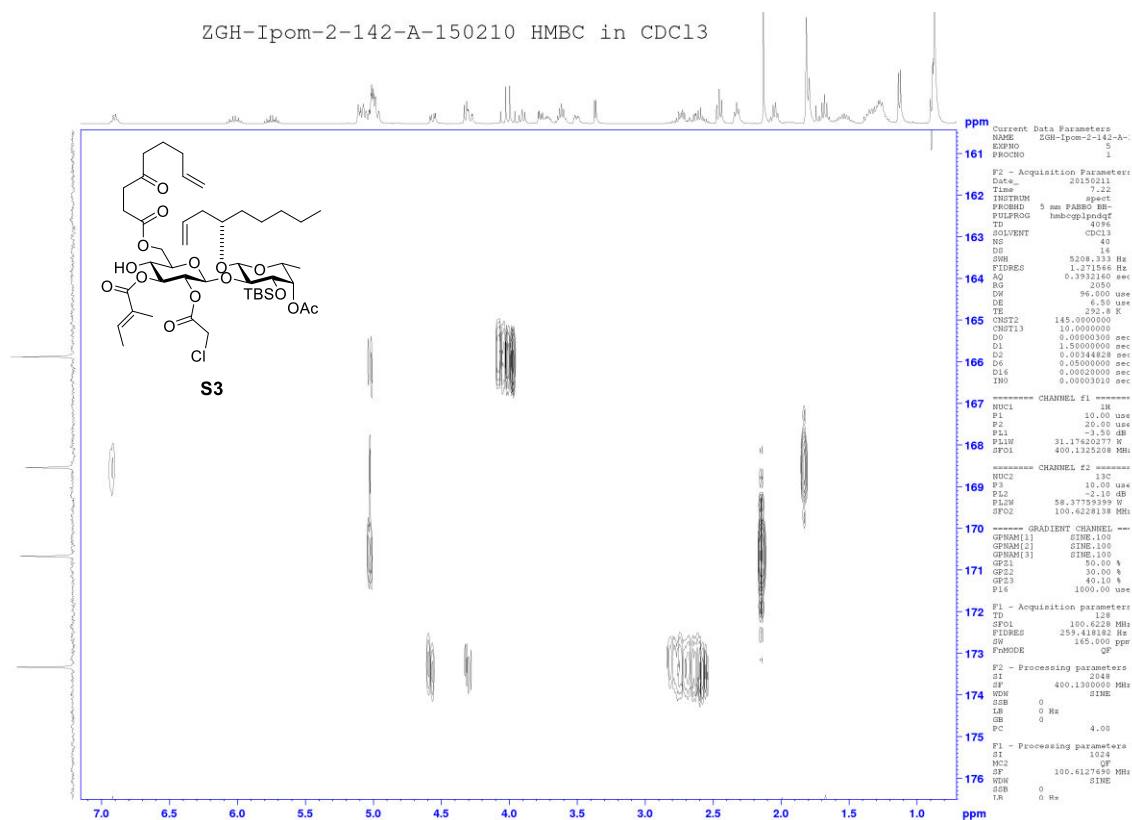
COSY NMR spectrum of **S3** (CDCl₃, 400 MHz)



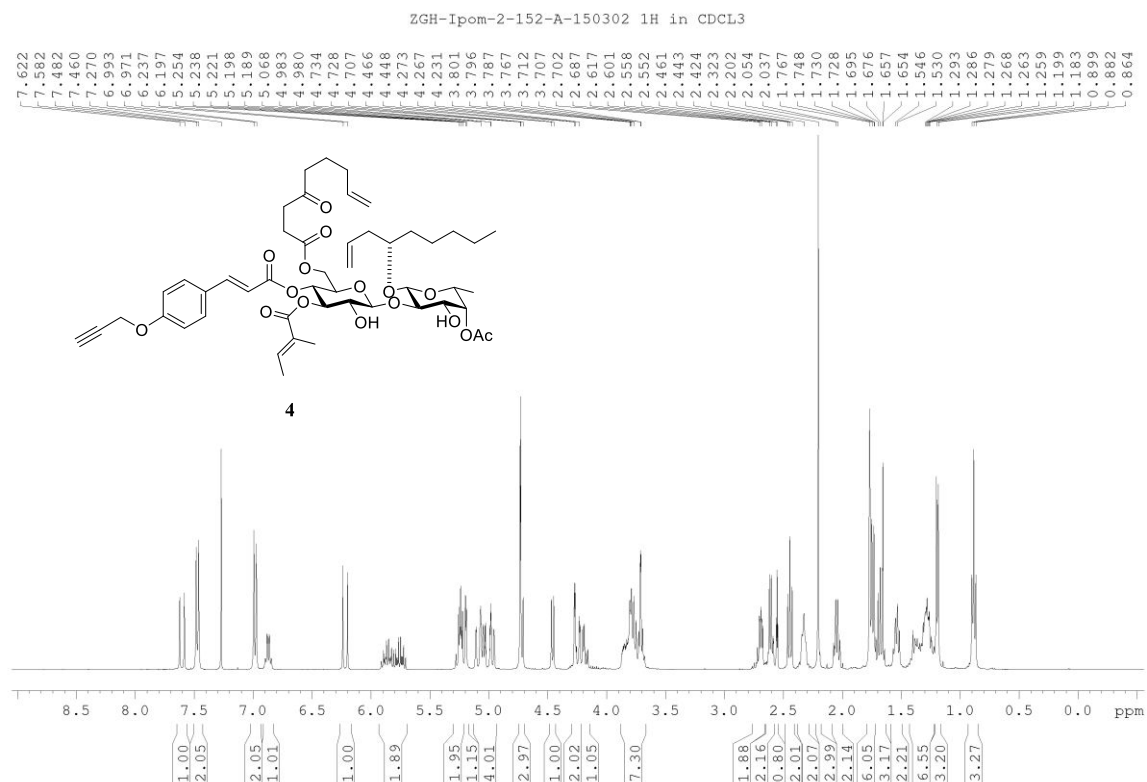
HSQC NMR spectrum of **S3** (CDCl₃, 400 MHz)



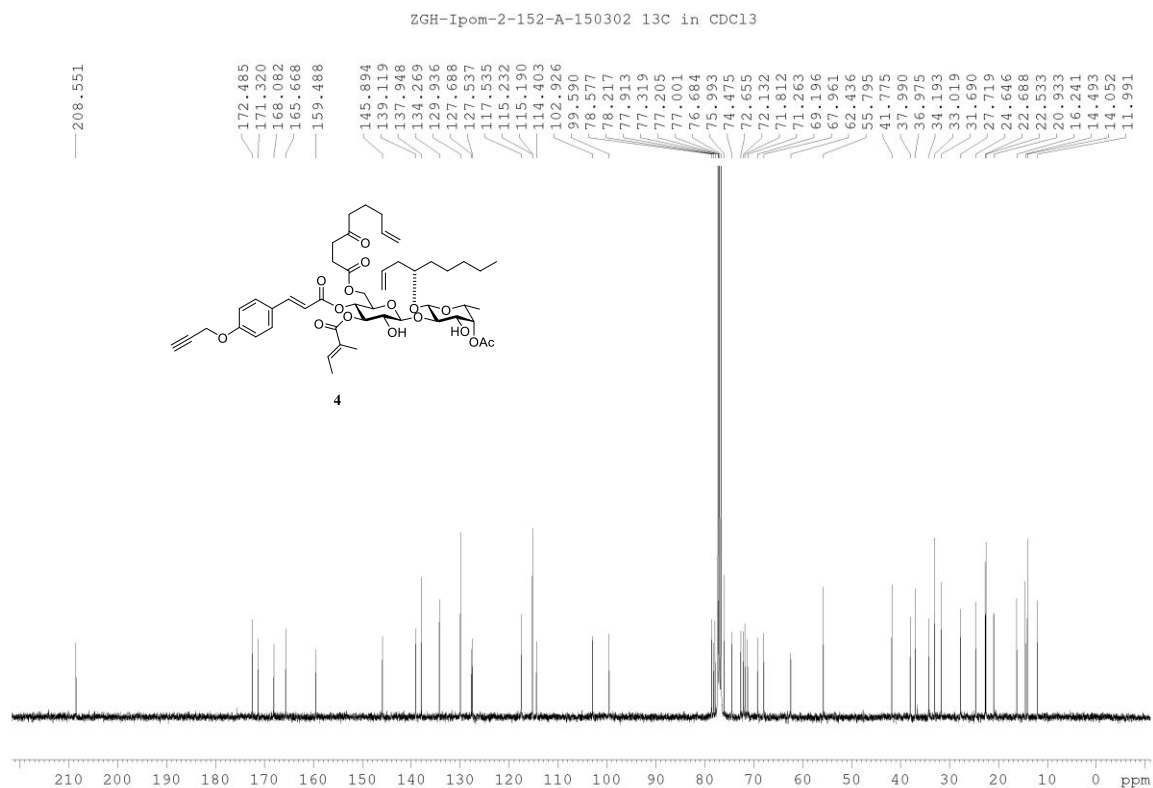
HMBC NMR spectrum of **S3** (CDCl₃, 400 MHz)



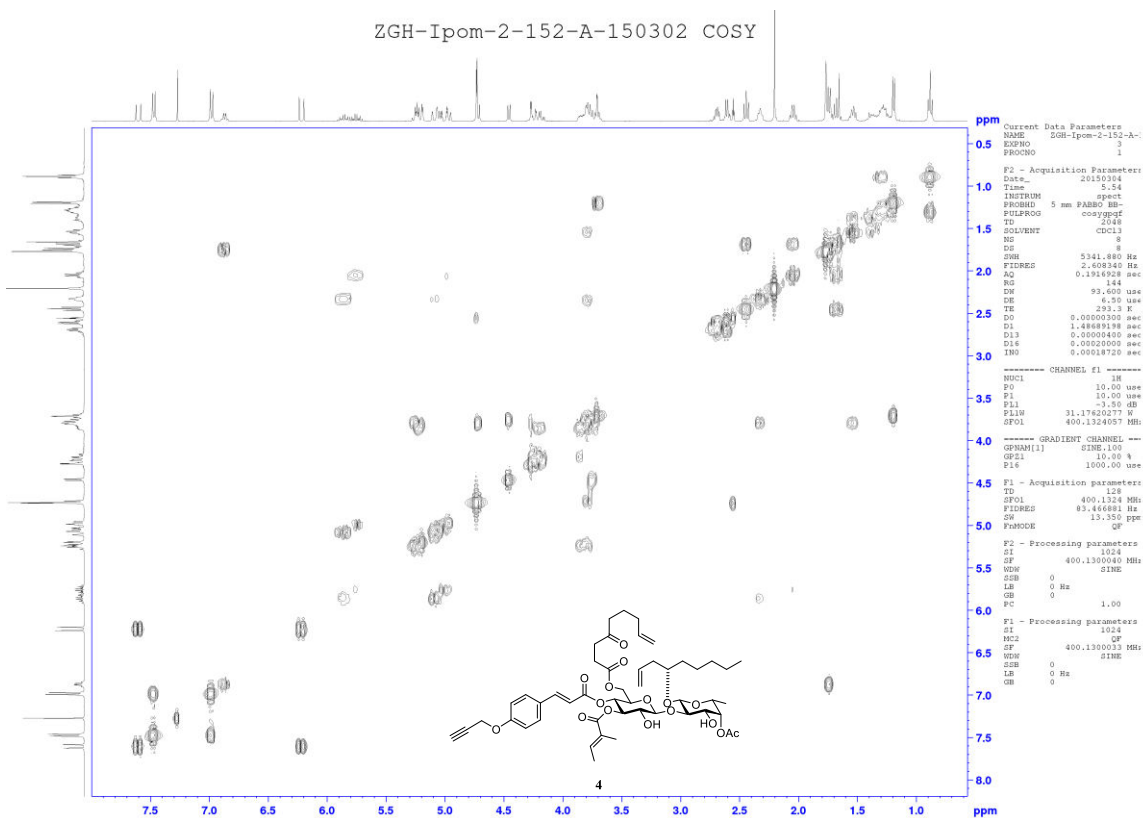
¹H NMR spectrum of **4** (CDCl₃, 400 MHz)



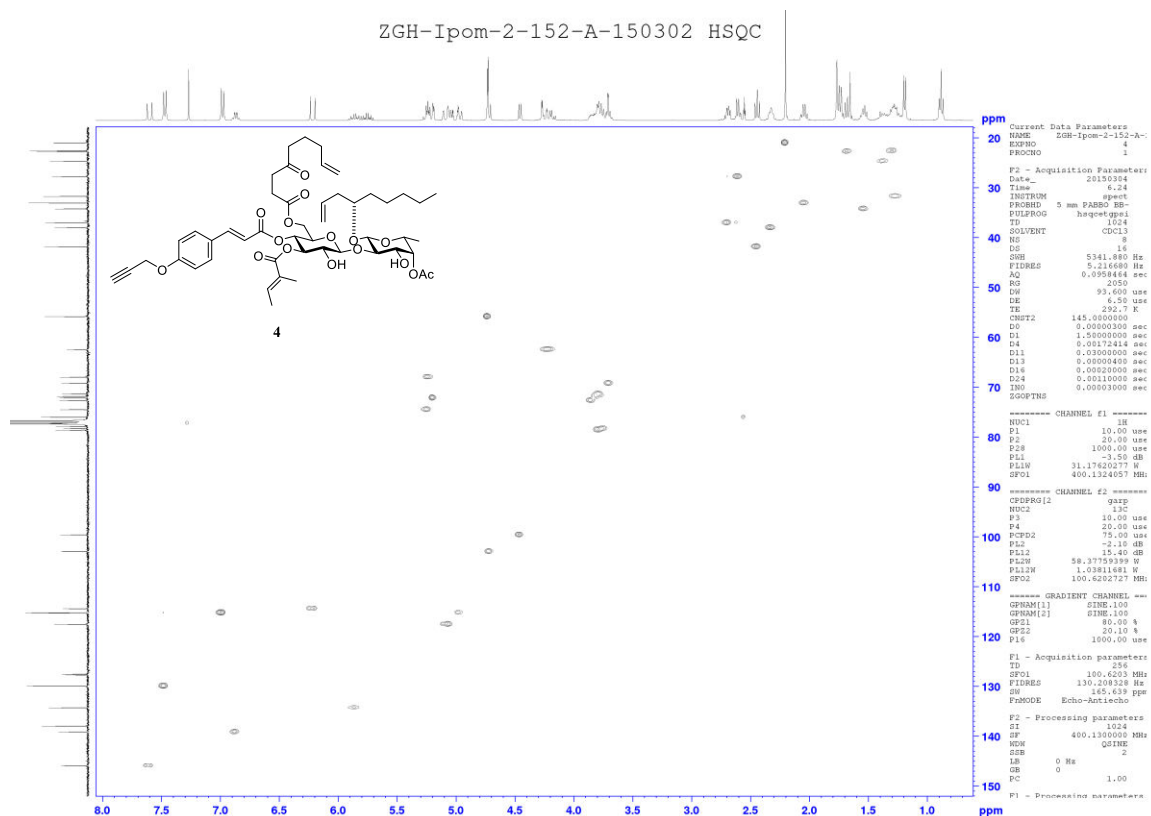
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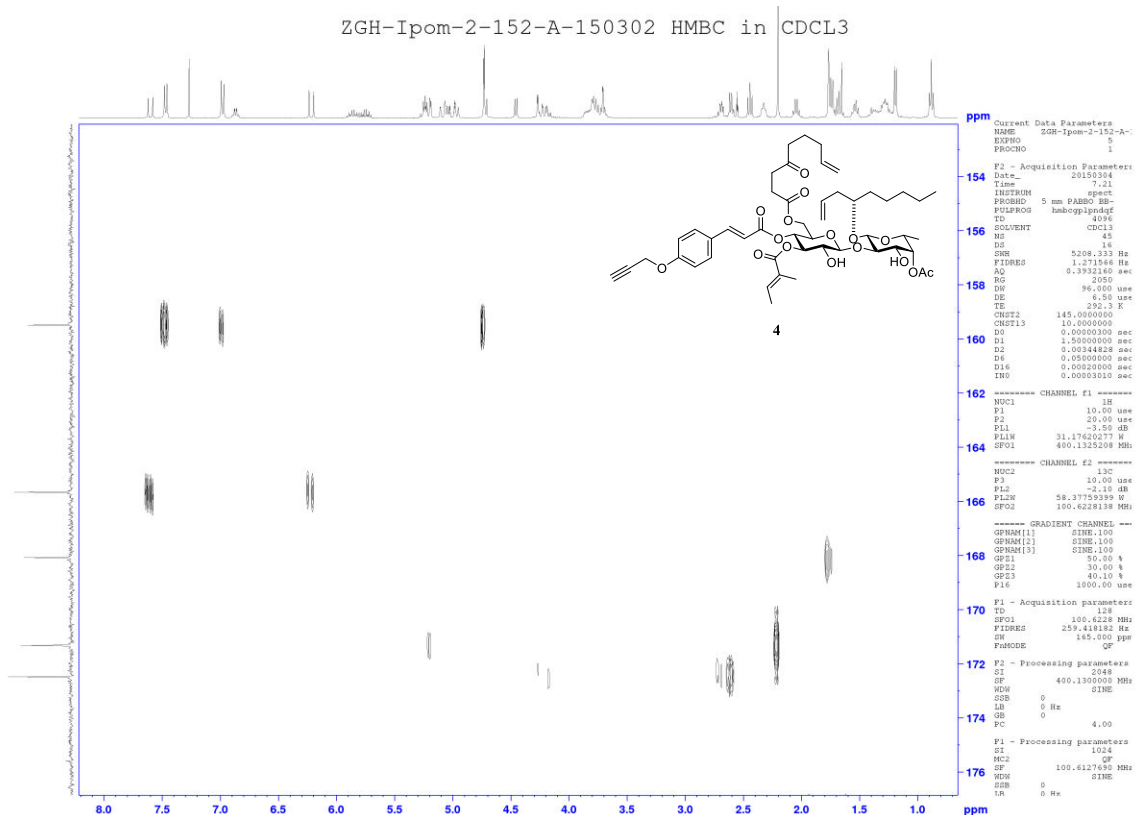
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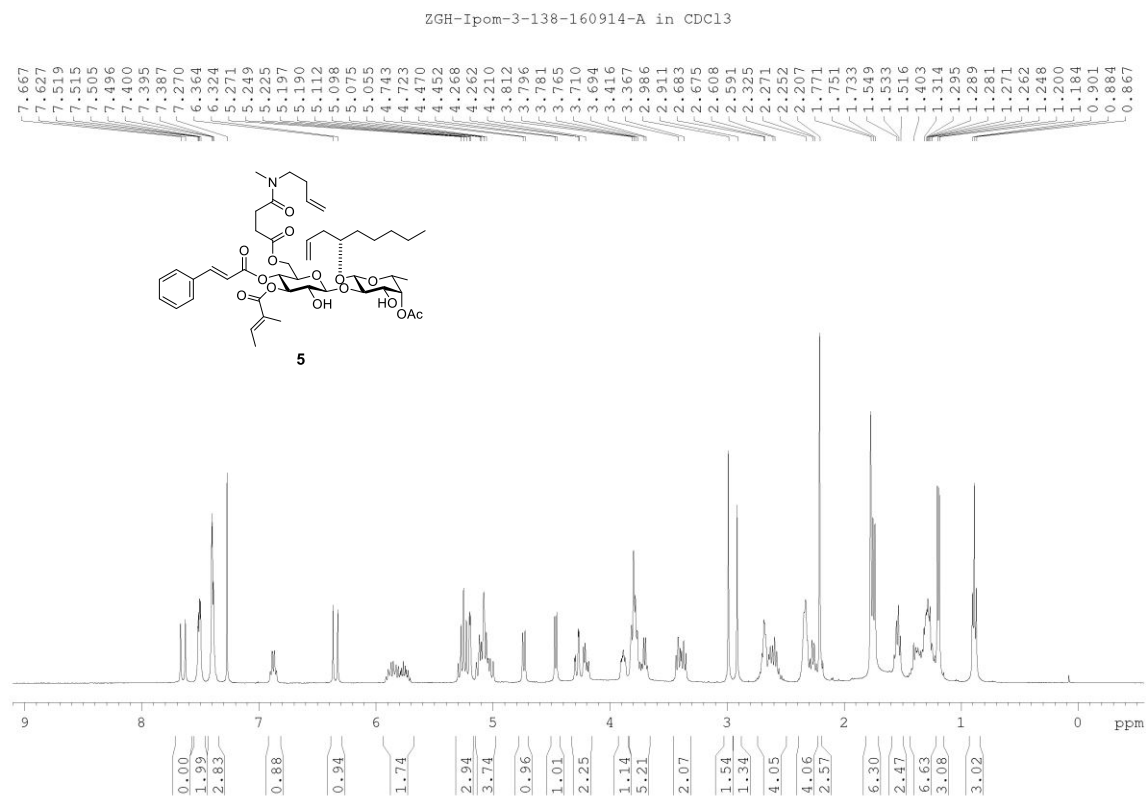
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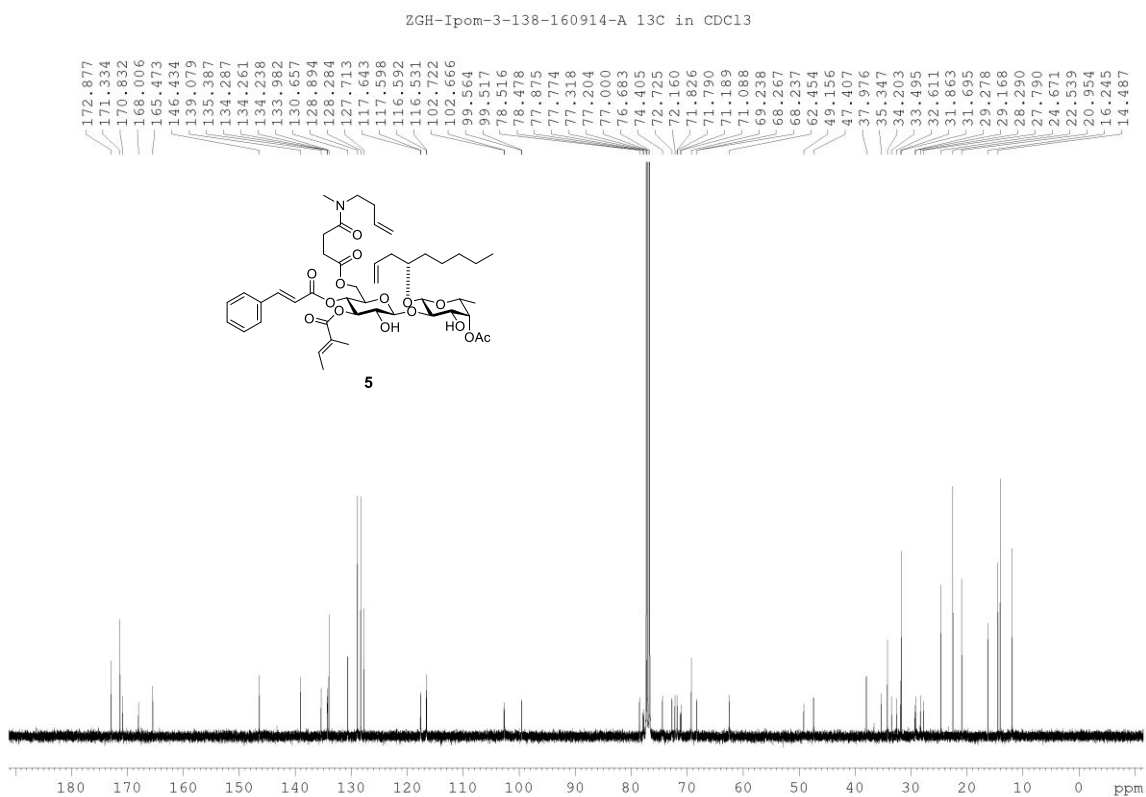
HMBC NMR spectrum of **4** (CDCl₃, 400 MHz)



^1H NMR spectrum of **5** (CDCl_3 , 400 MHz)

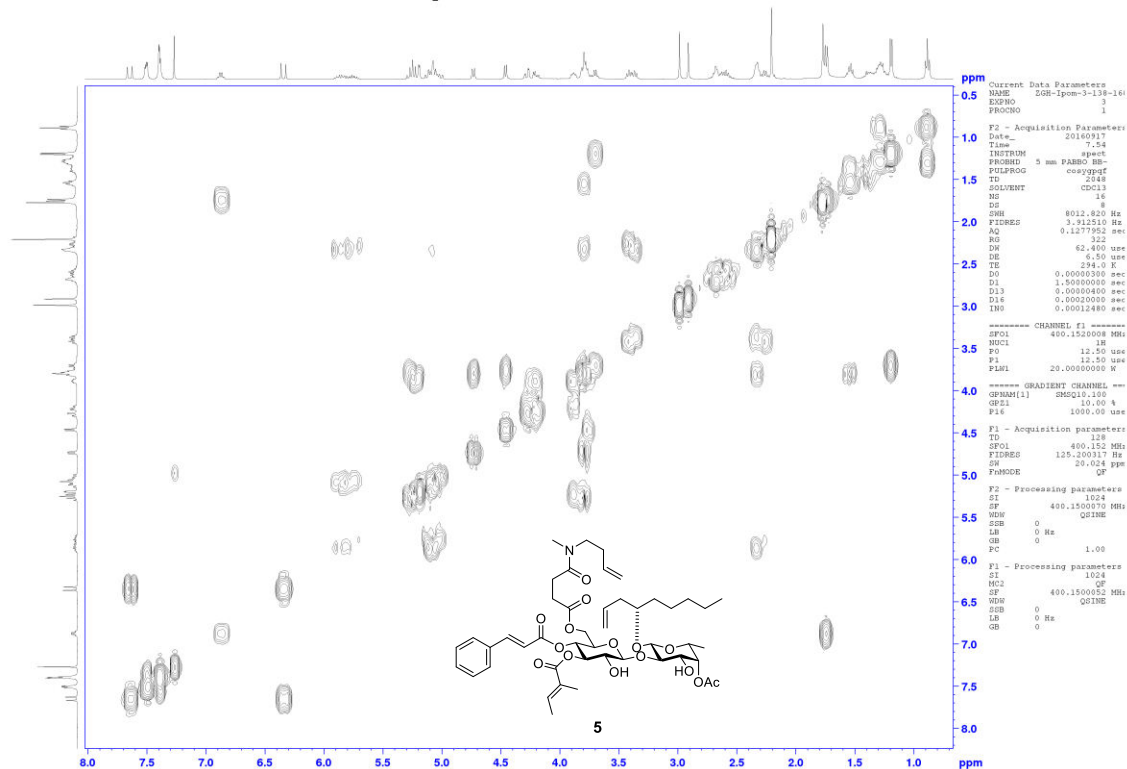


^{13}C NMR spectrum of **5** (CDCl_3 , 400 MHz)



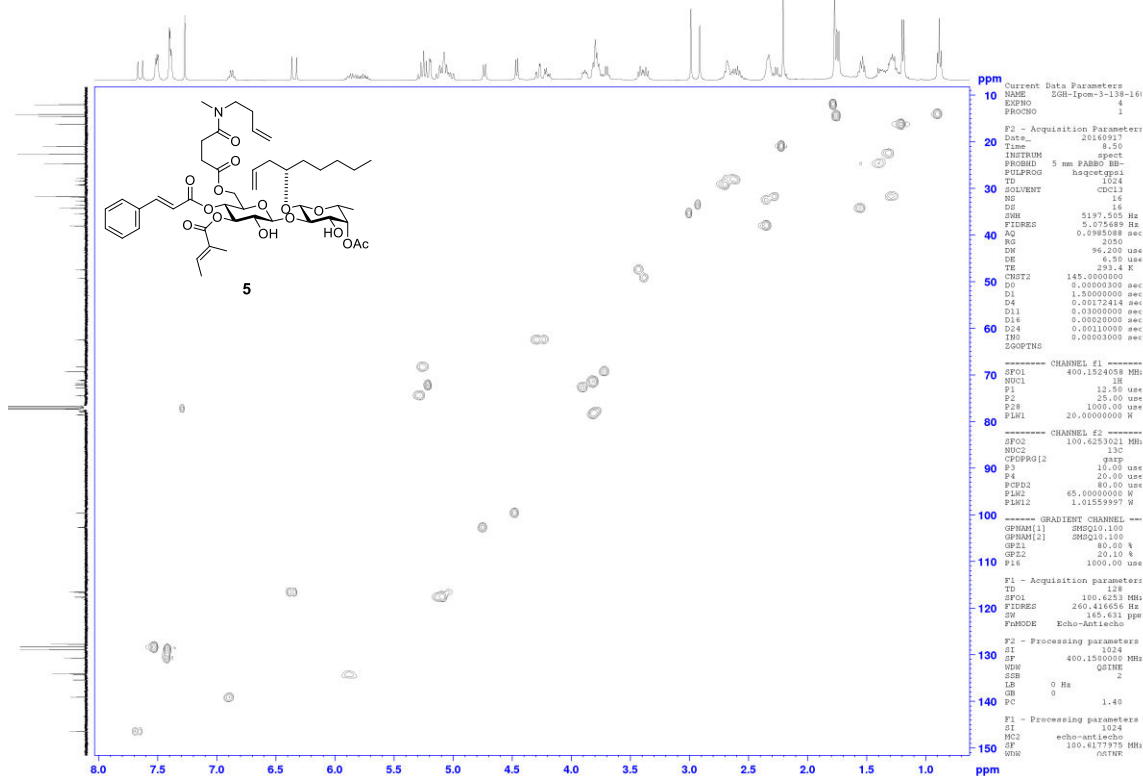
COSY NMR spectrum of **5** (CDCl₃, 400 MHz)

ZGH-Ipom-3-138-160914-A in CDCl₃

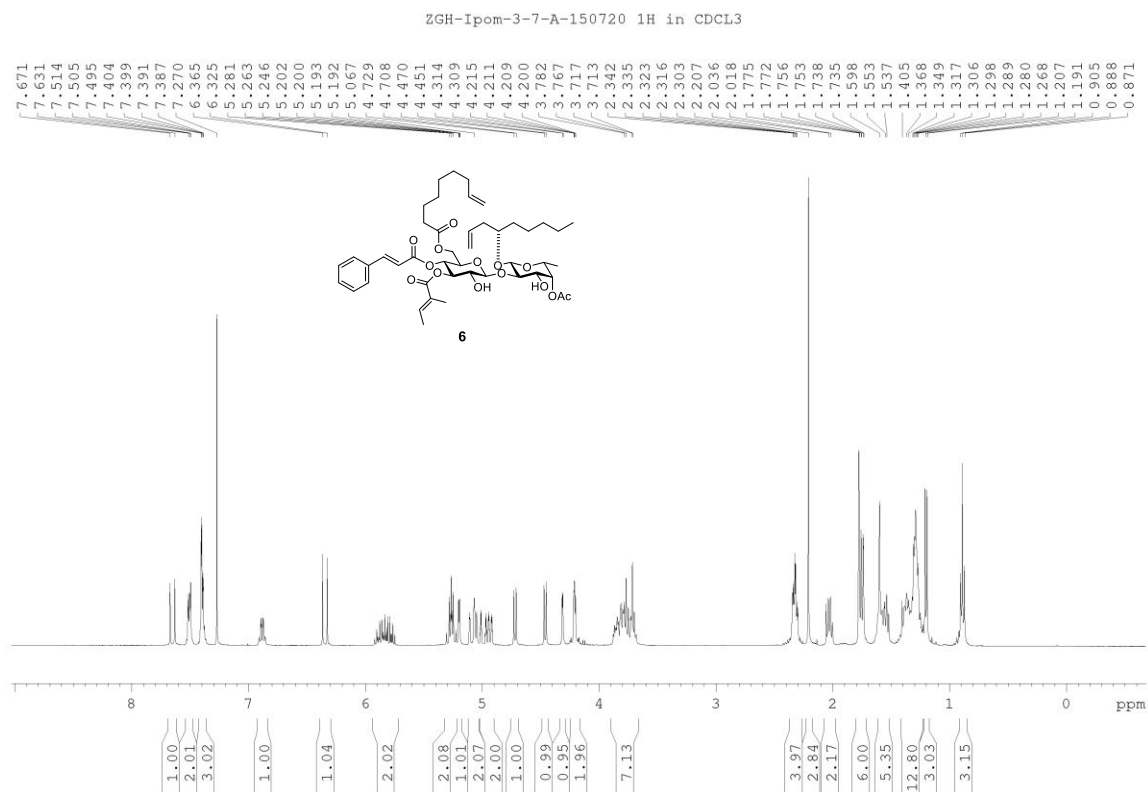


HSQC NMR spectrum of **5** (CDCl₃, 400 MHz)

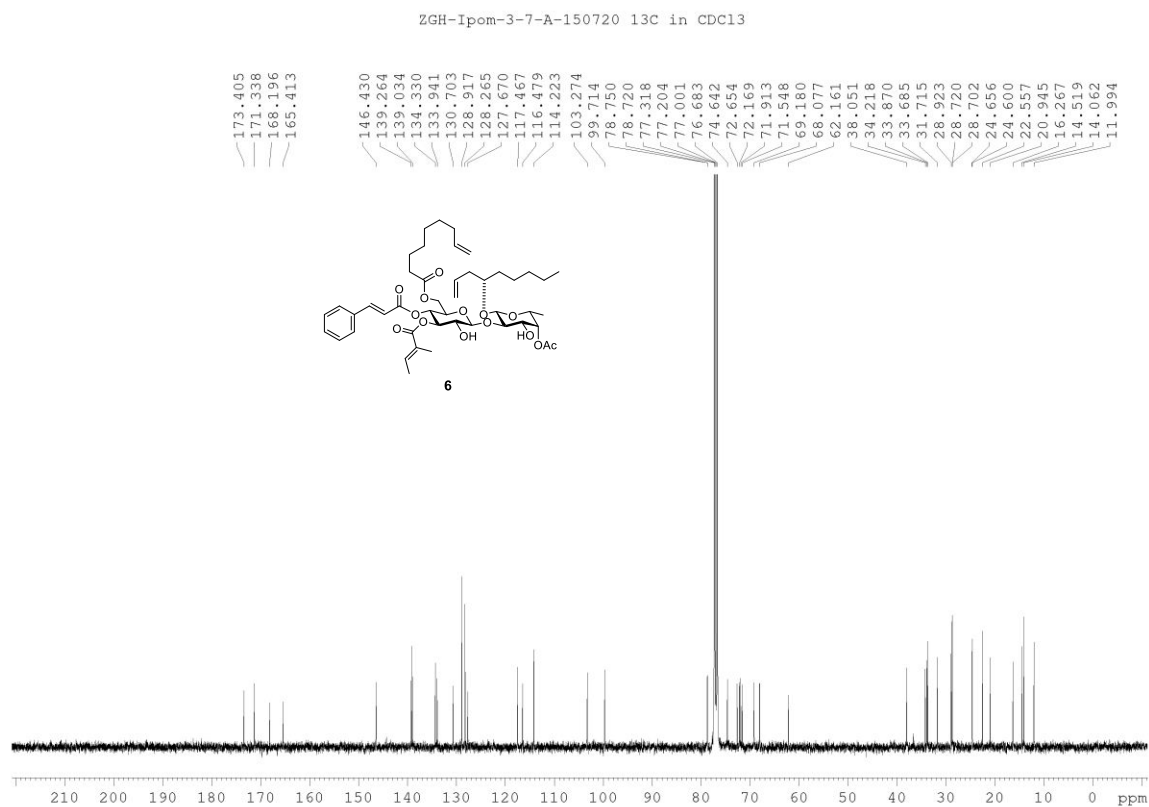
ZGH-Ipom-3-138-160914-A HSQC in CDCl₃



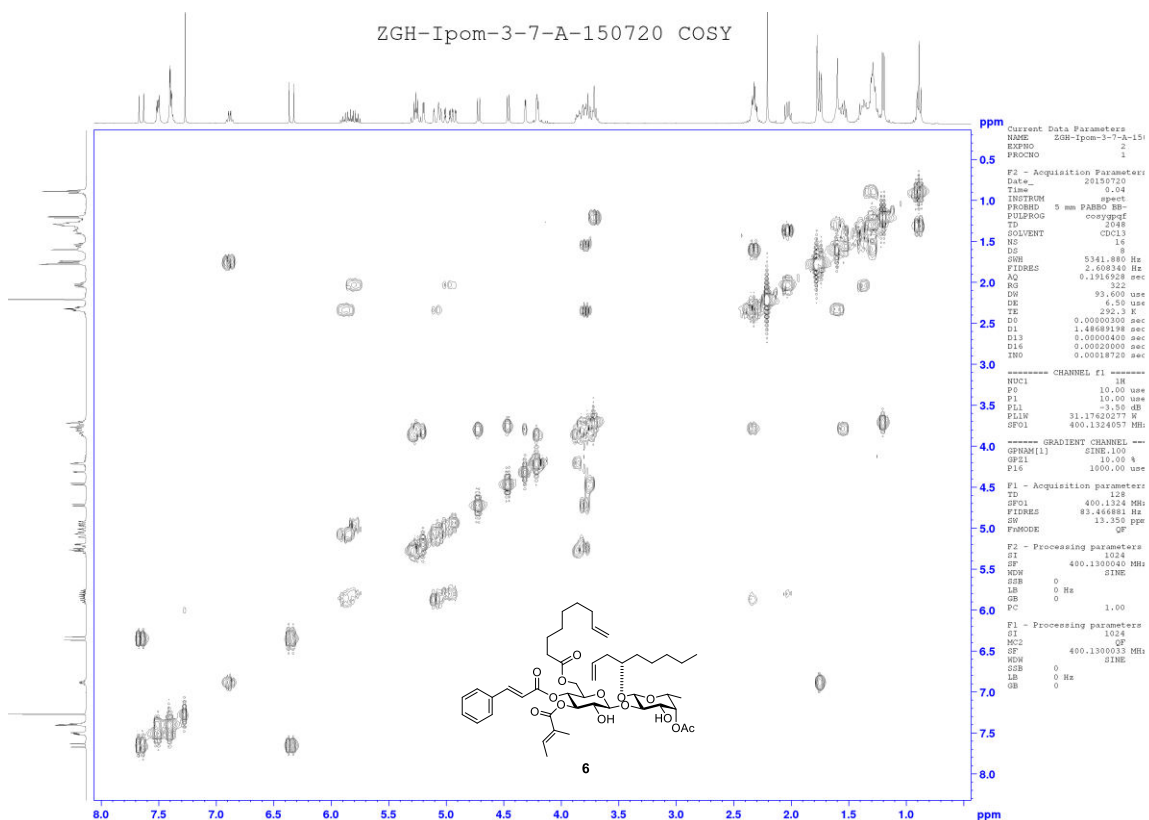
^1H NMR spectrum of **6** (CDCl_3 , 400 MHz)



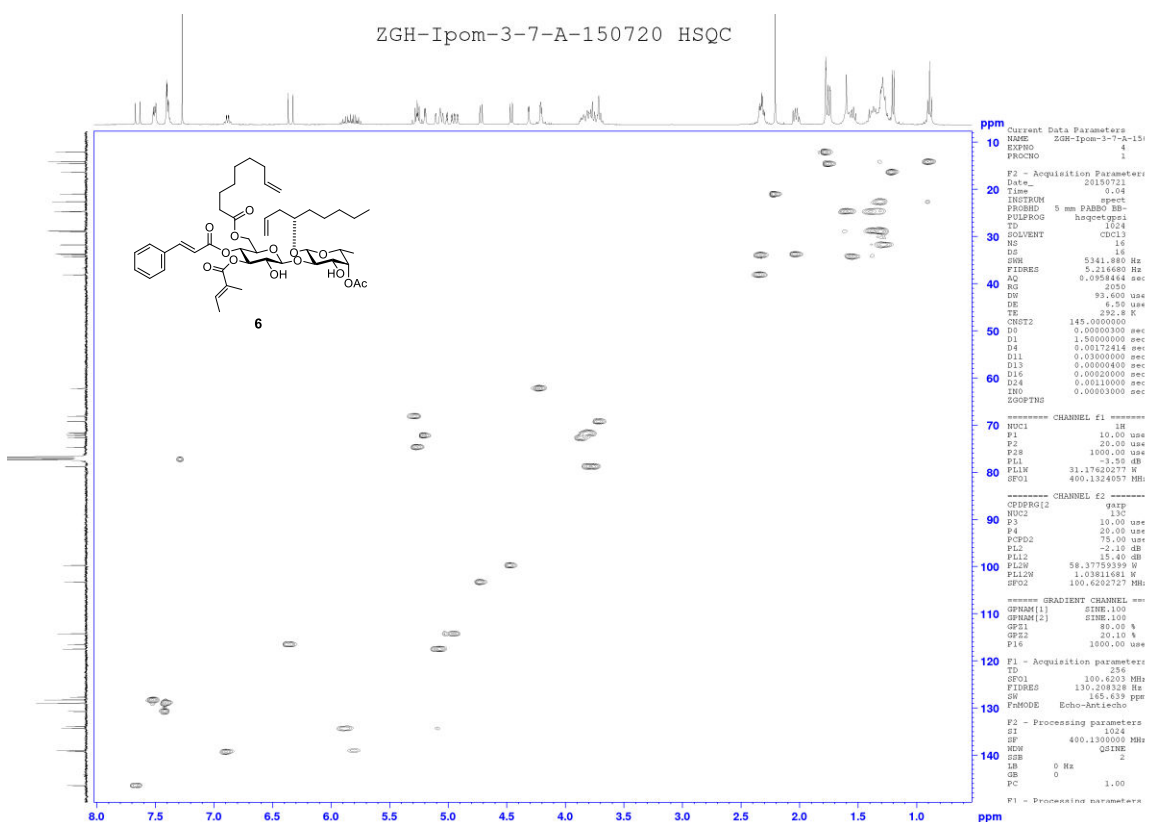
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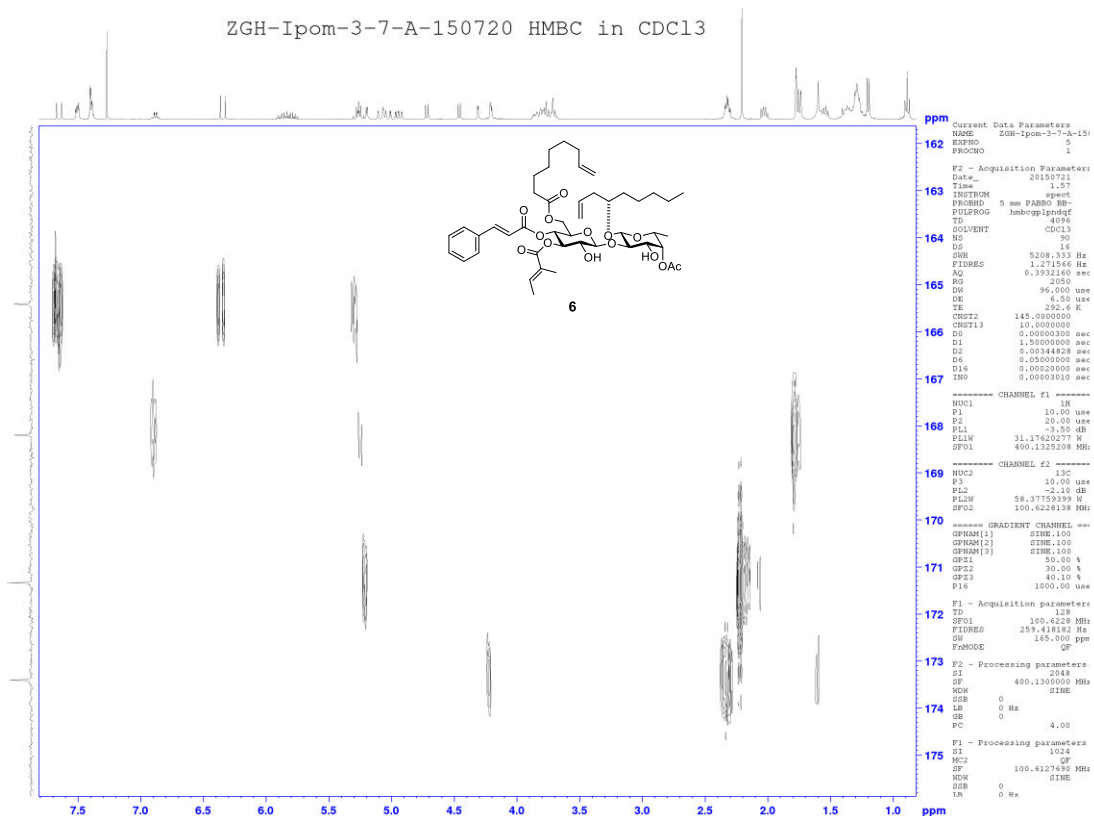
COSY NMR spectrum of **6** (CDCl₃, 400 MHz)



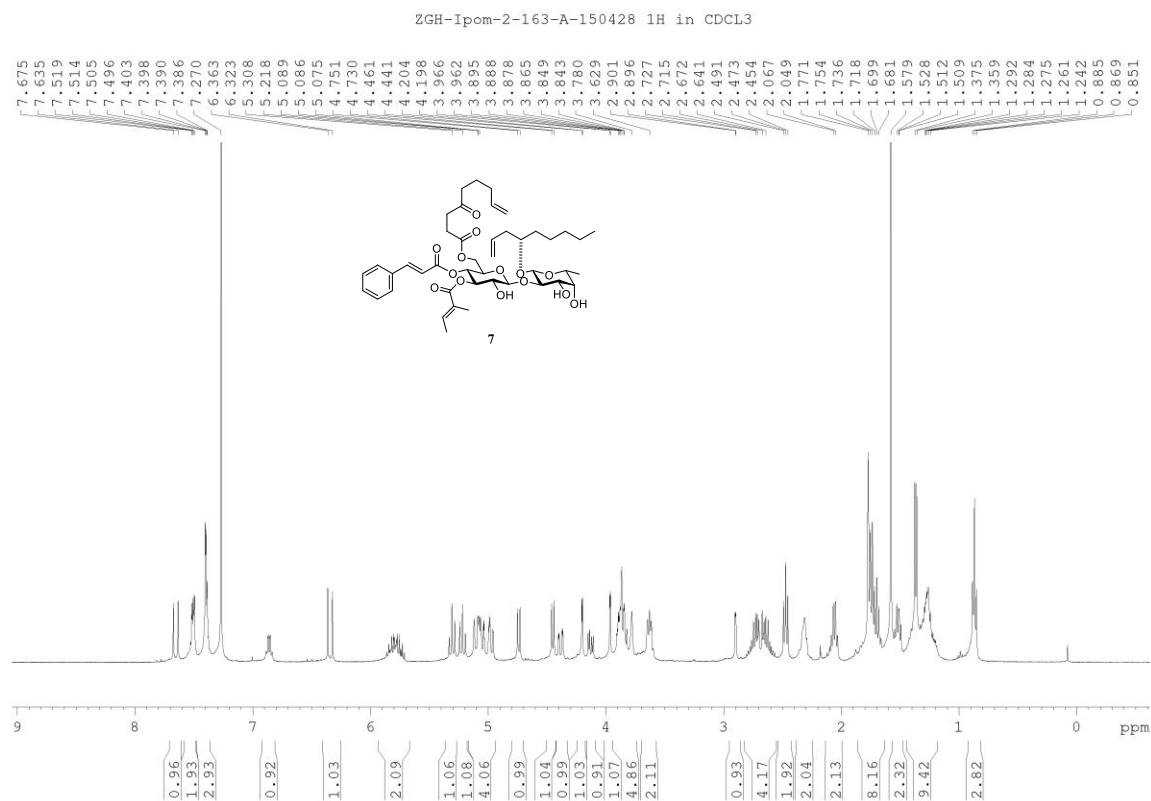
HSQC NMR spectrum of **6** (CDCl₃, 400 MHz)



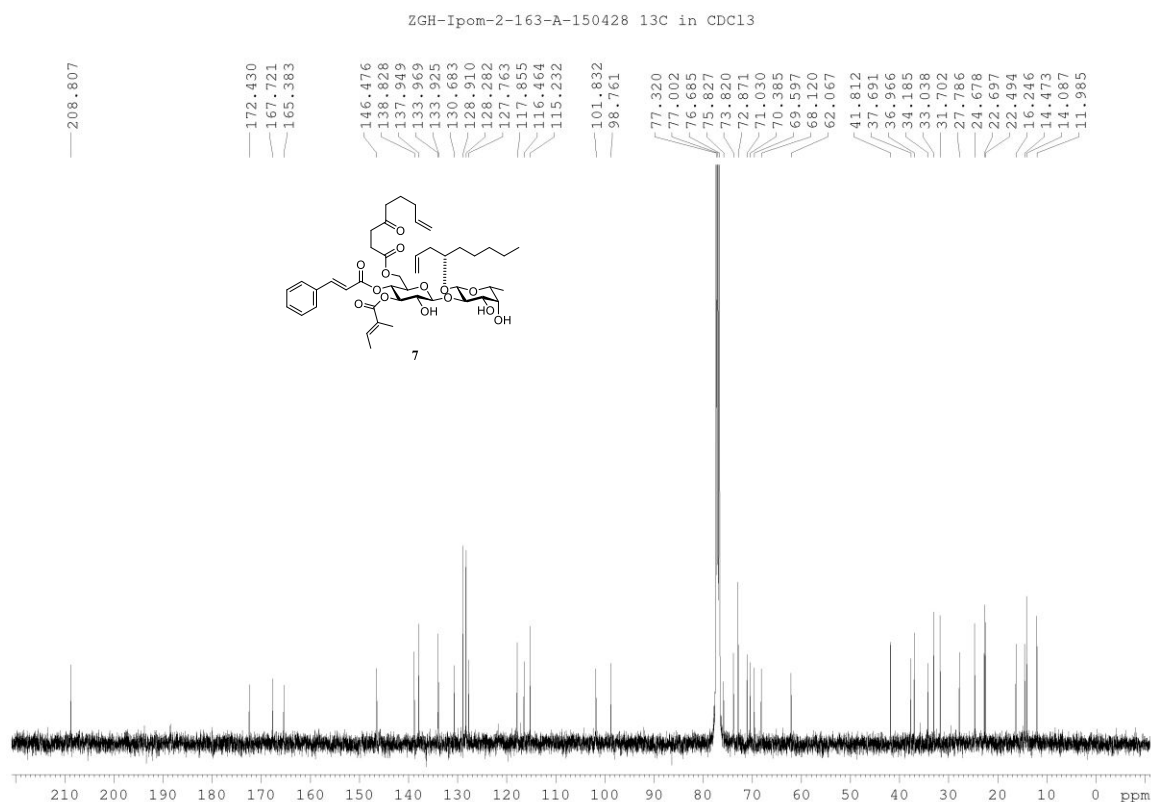
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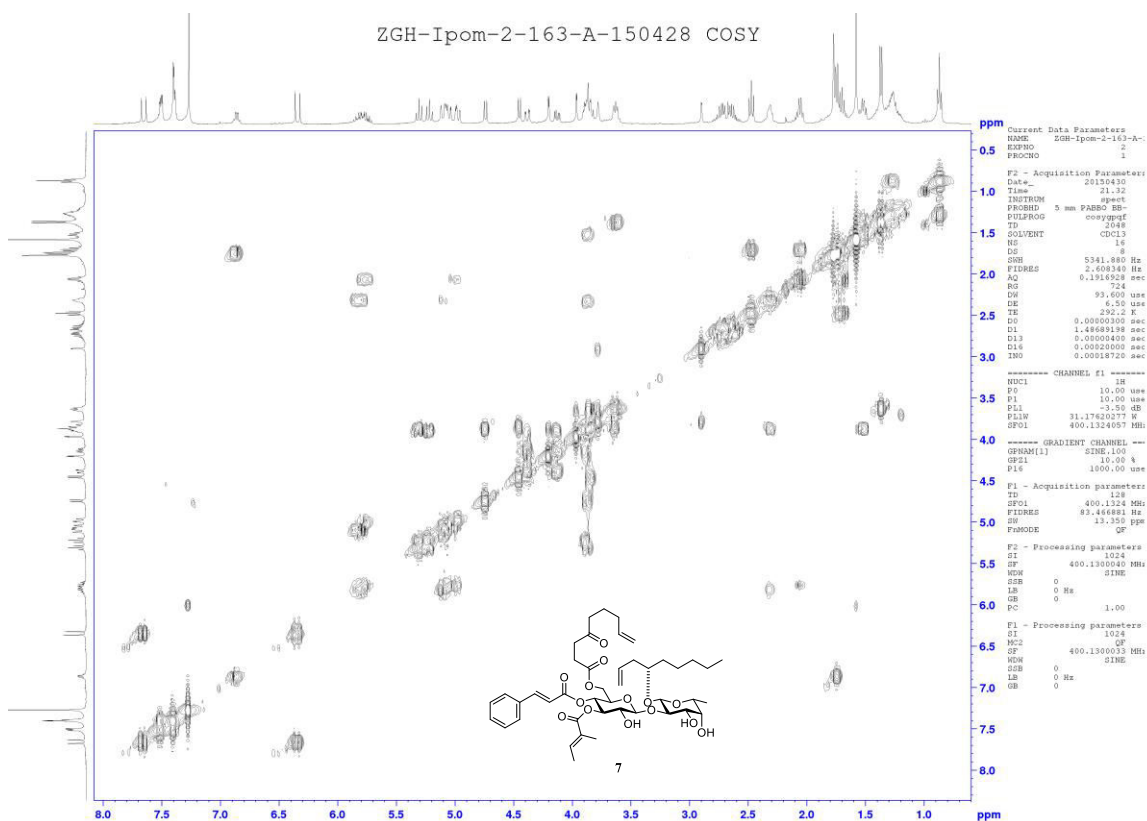
¹H NMR spectrum of **7** (CDCl₃, 400 MHz)



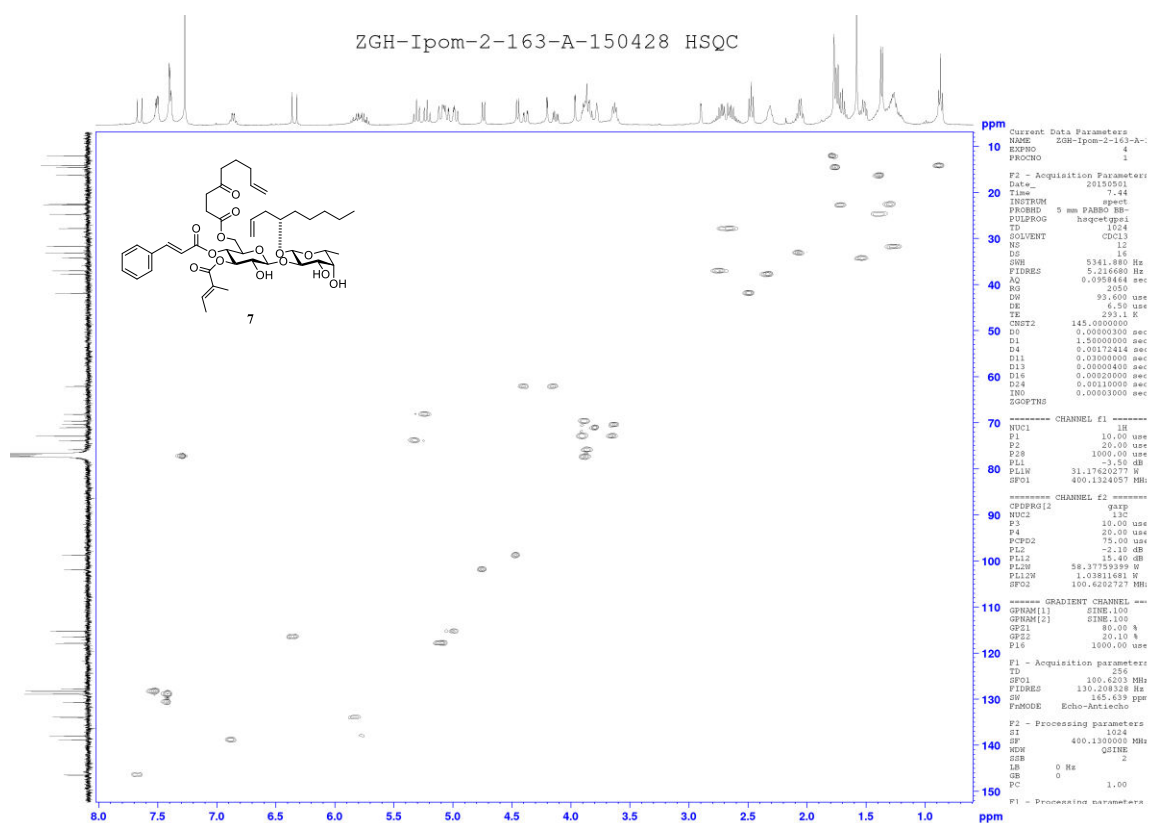
^{13}C NMR spectrum of **7** (CDCl_3 , 400 MHz)



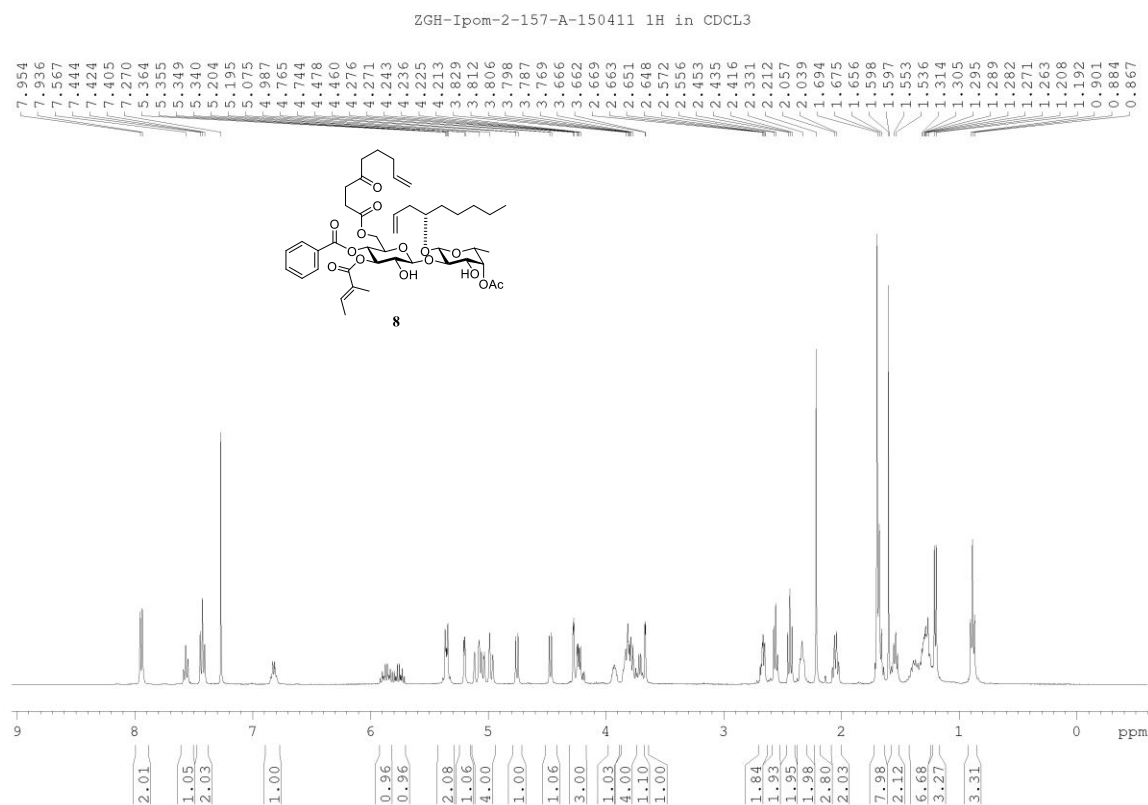
COSY NMR spectrum of **7** (CDCl_3 , 400 MHz)



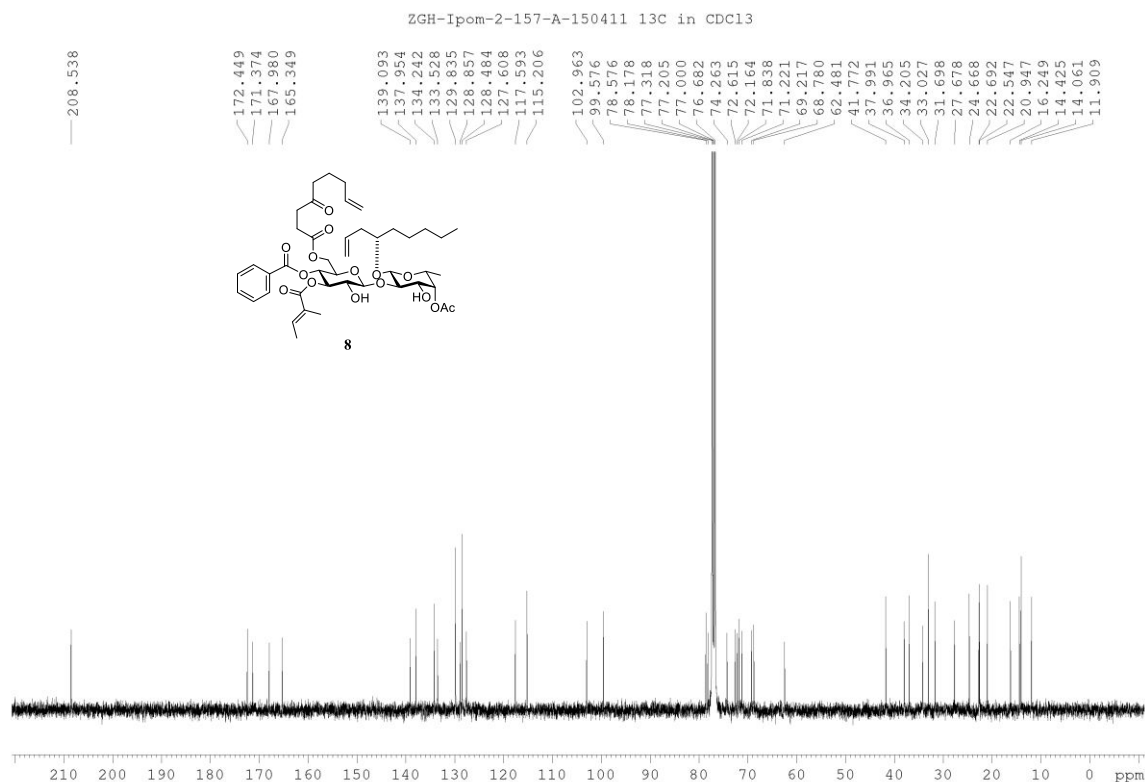
HSQC NMR spectrum of **7** (CDCl₃, 400 MHz)



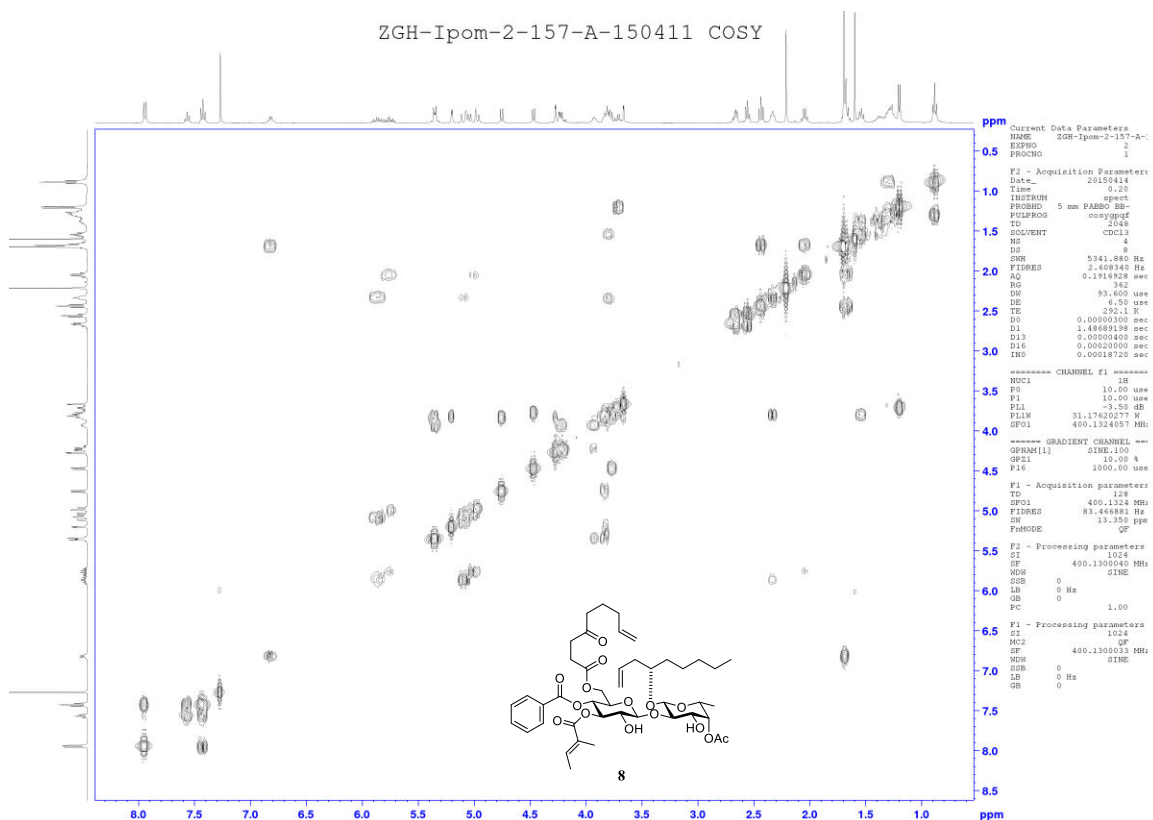
¹H NMR spectrum of **8** (CDCl₃, 400 MHz)



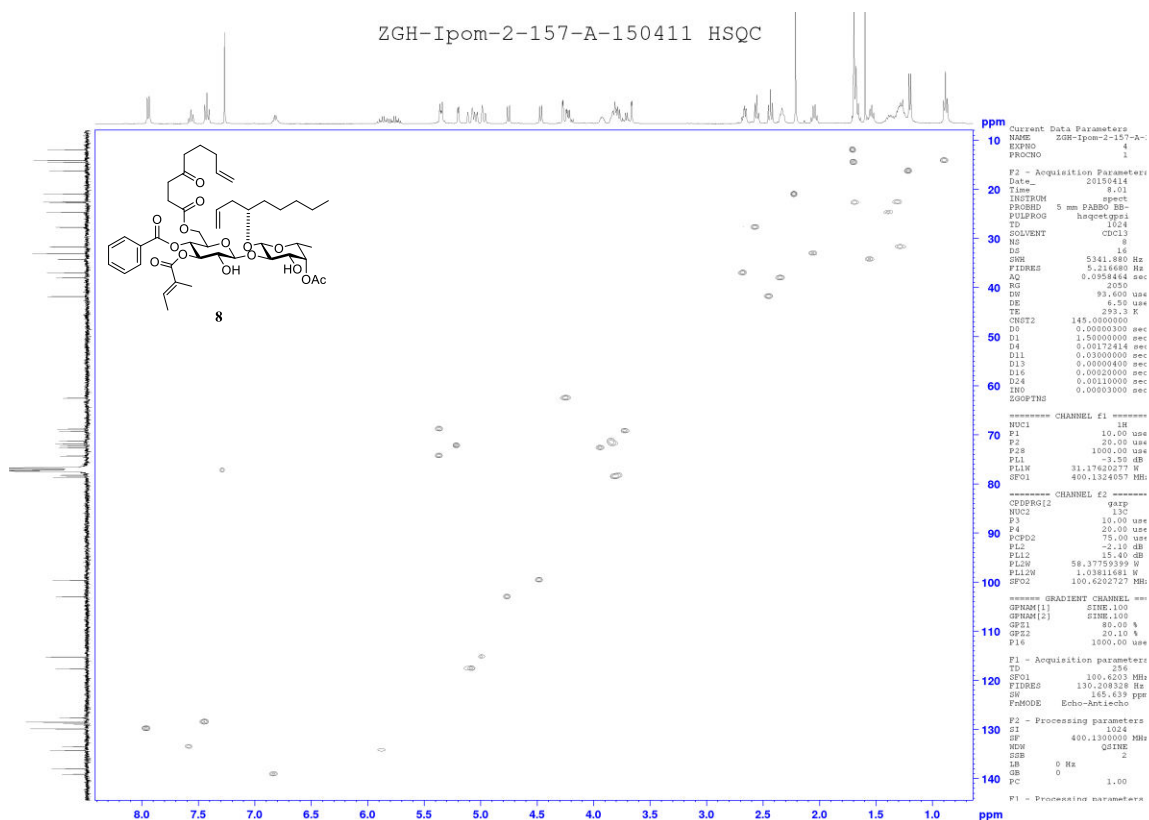
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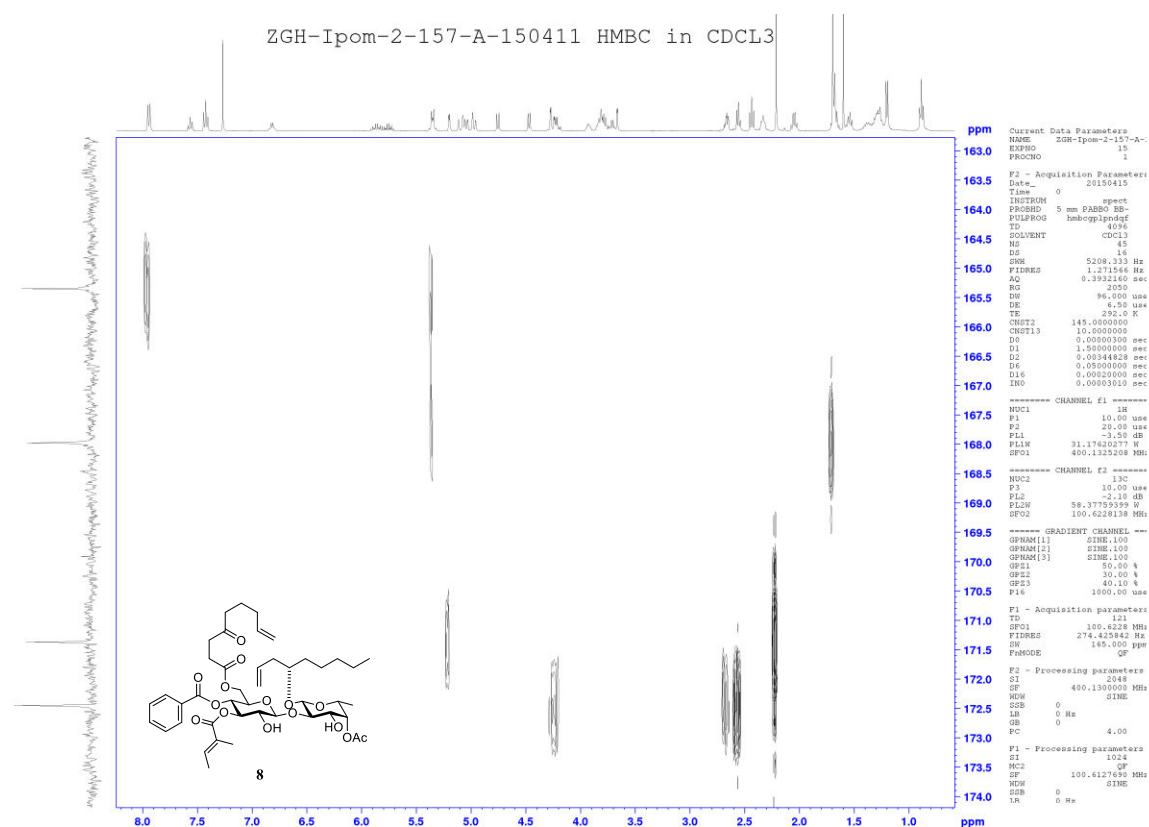
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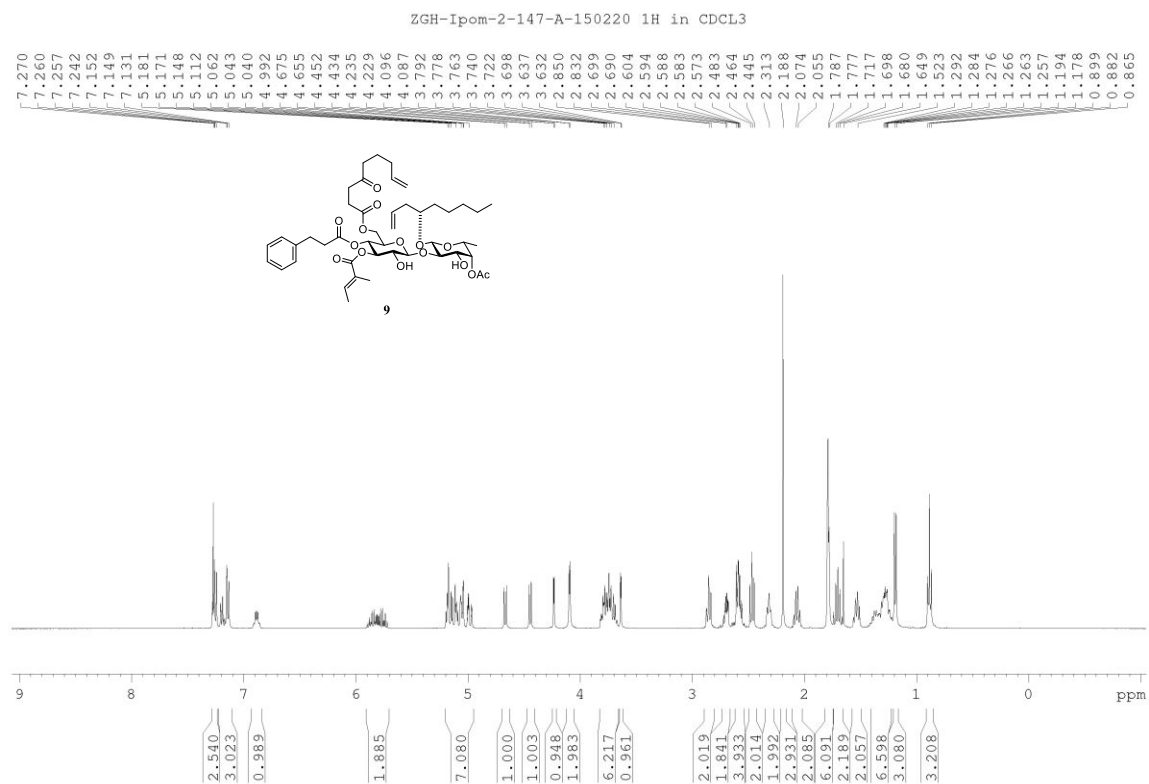
HSQC NMR spectrum of **8** (CDCl₃, 400 MHz)



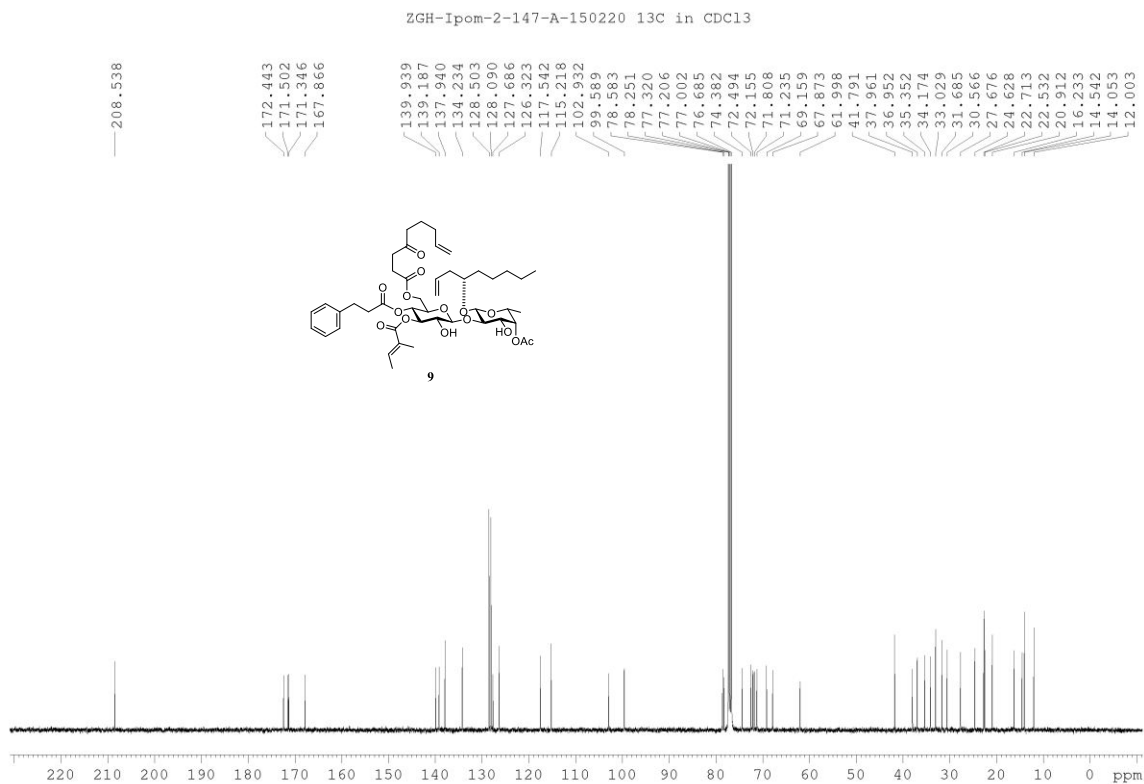
HMBC NMR spectrum of **8** (ZIF-20) (CDCl₃, 400 MHz)



^1H NMR spectrum of **9** (CDCl_3 , 400 MHz)

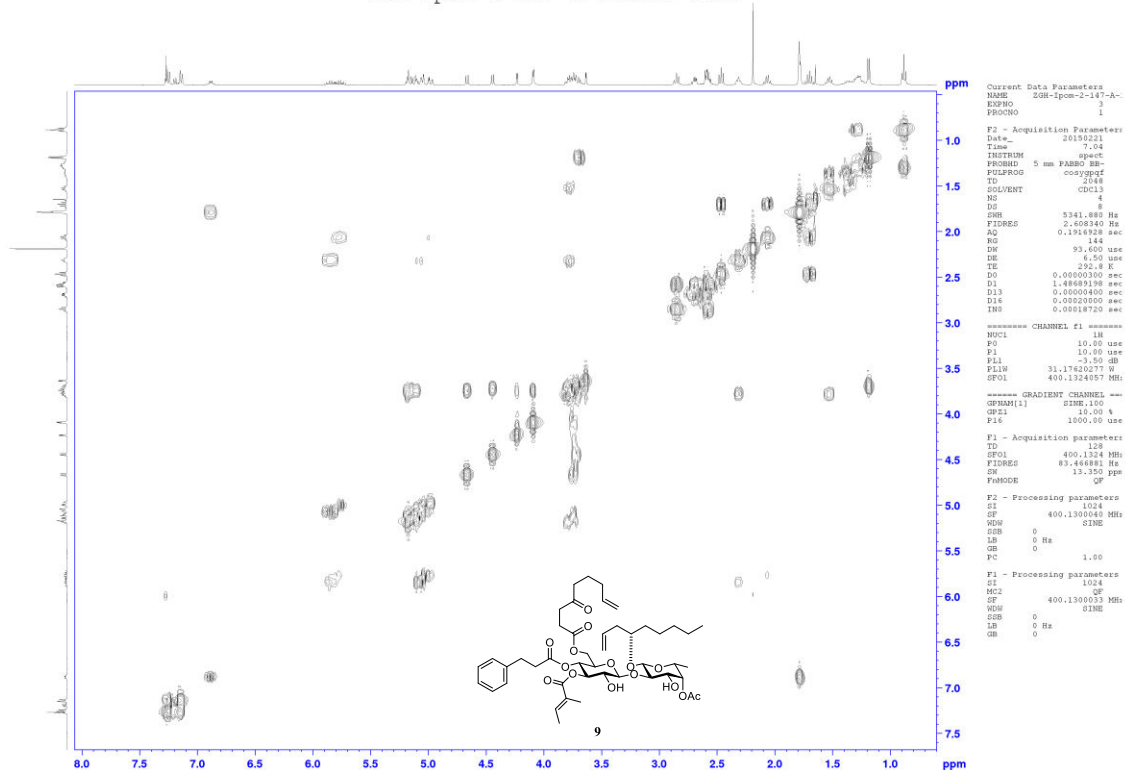


^{13}C NMR spectrum of **9** (CDCl_3 , 400 MHz)



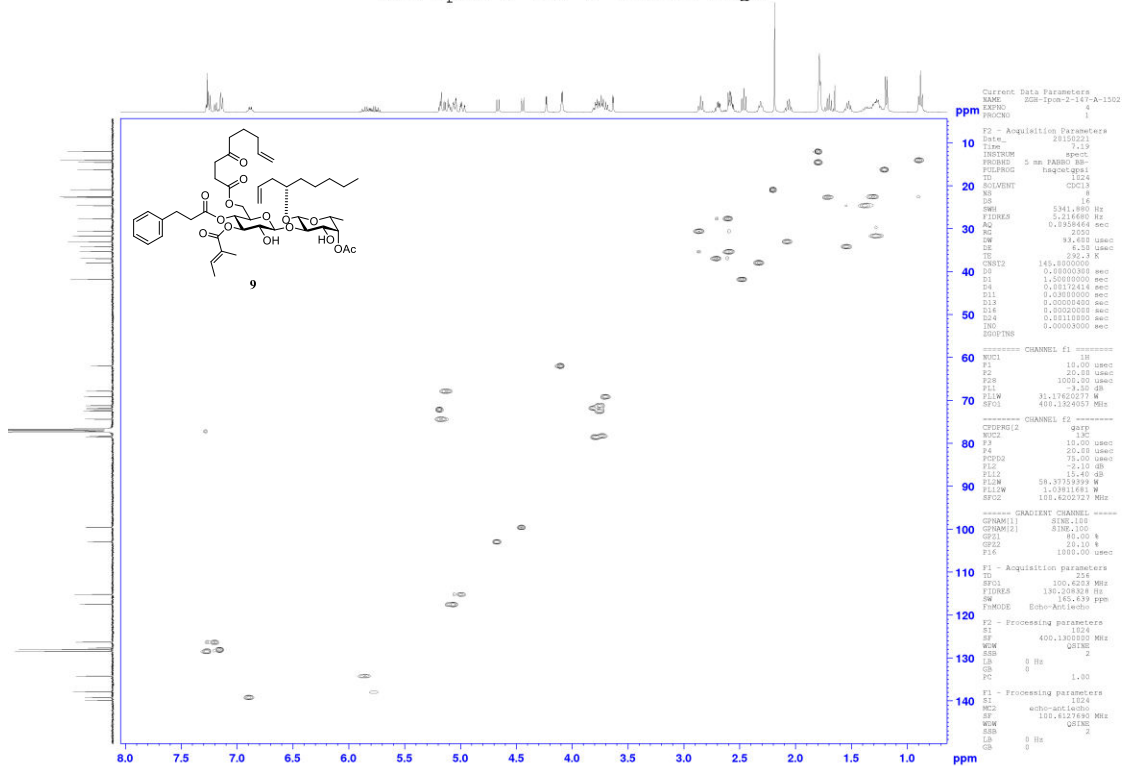
COSY NMR spectrum of **9** (CDCl₃, 400 MHz)

ZGH-Ipom-2-147-A-150220 COSY

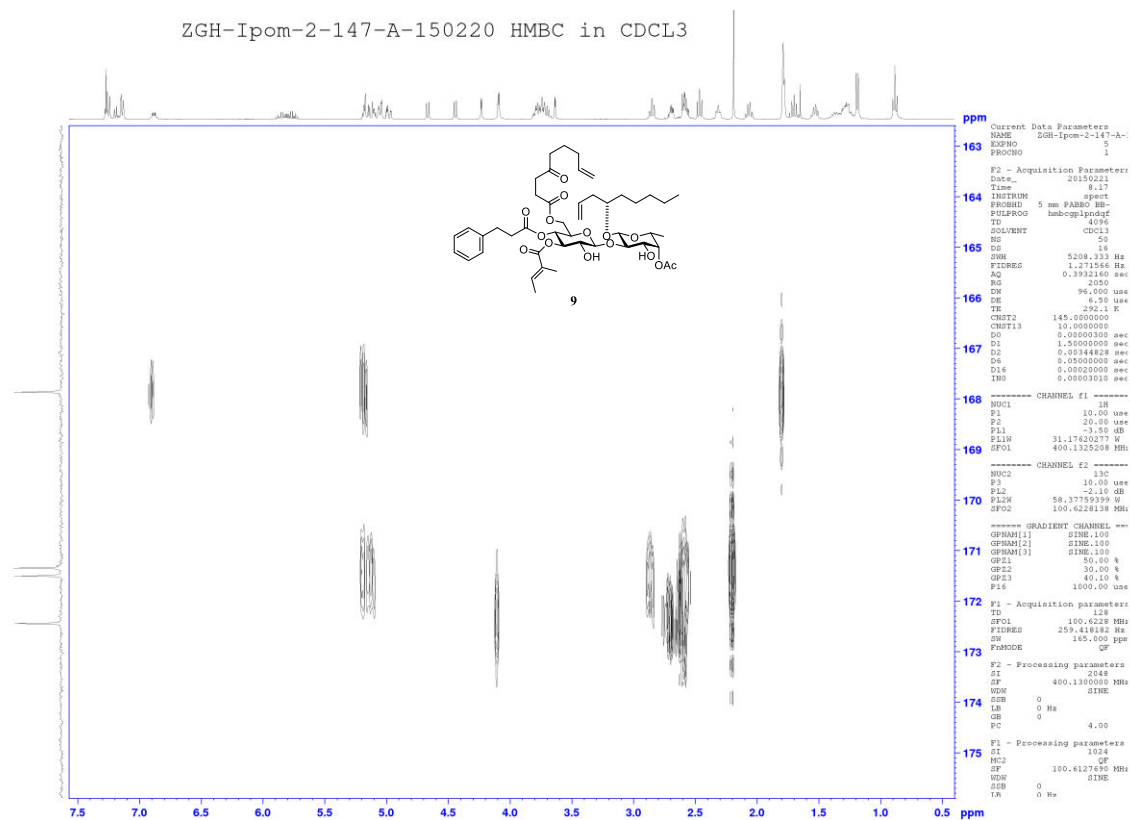


HSQC NMR spectrum of **9** (CDCl₃, 400 MHz)

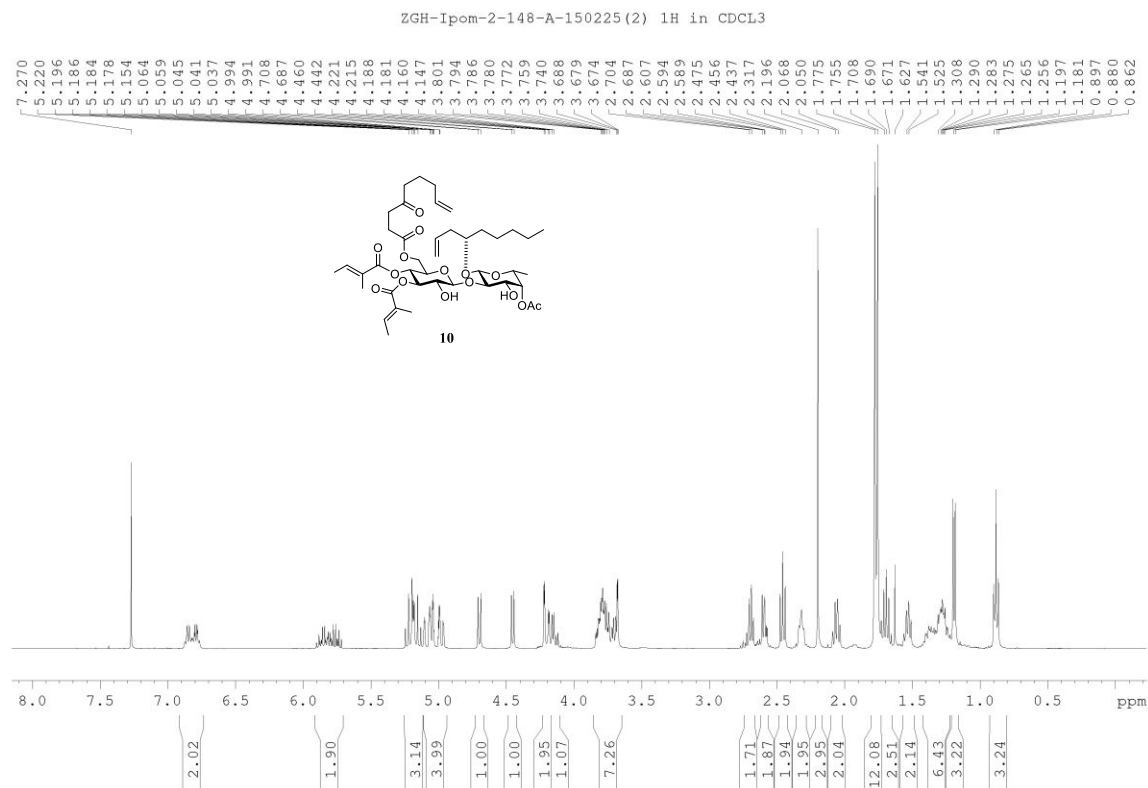
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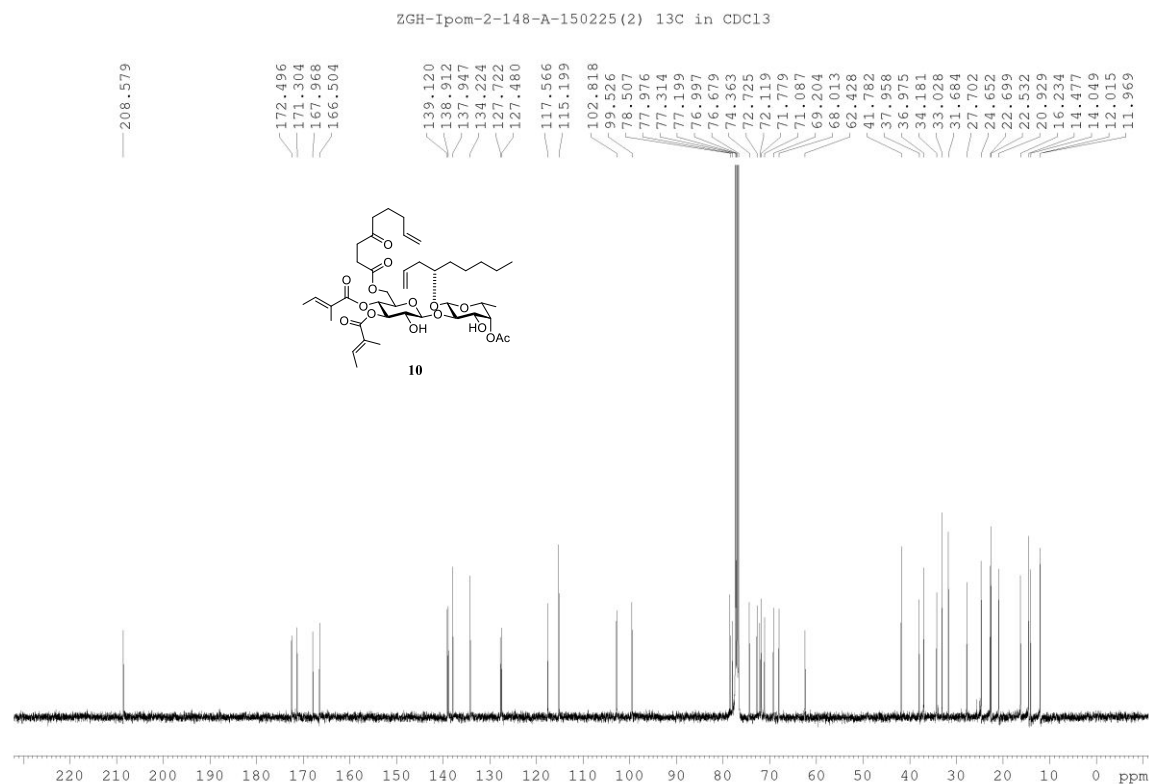
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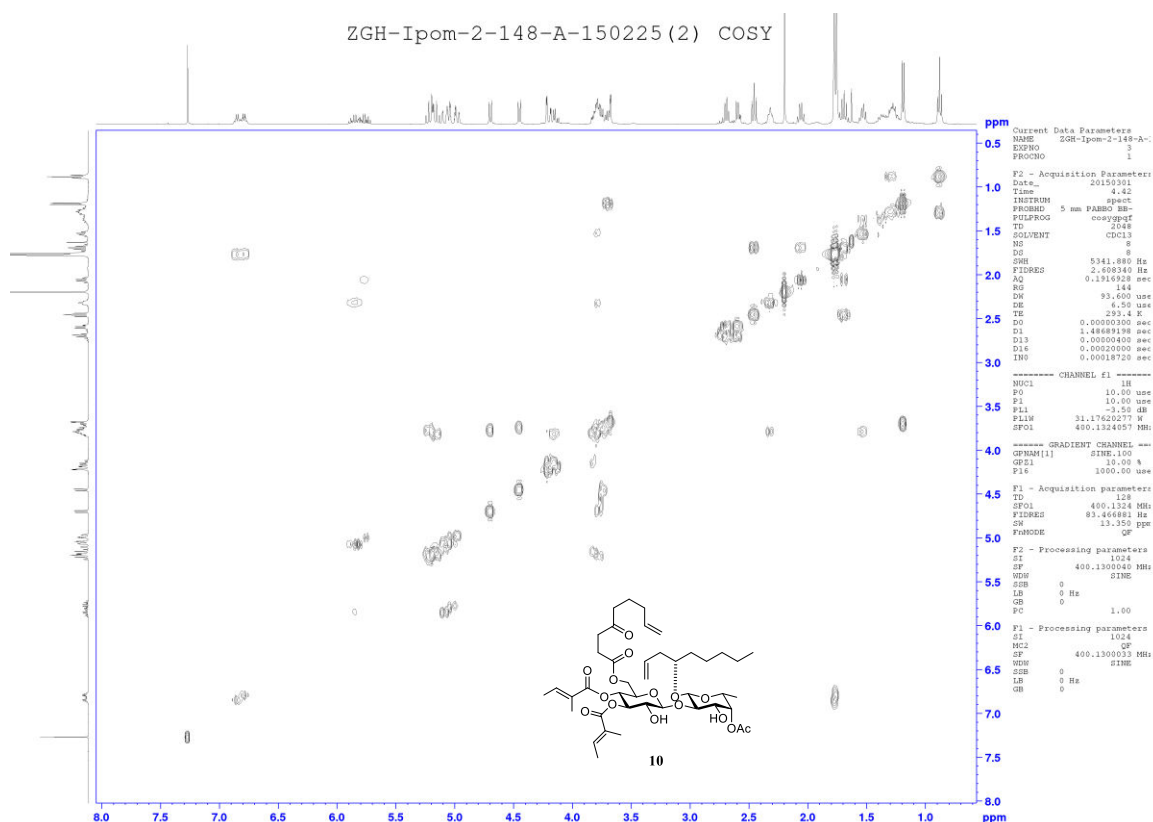
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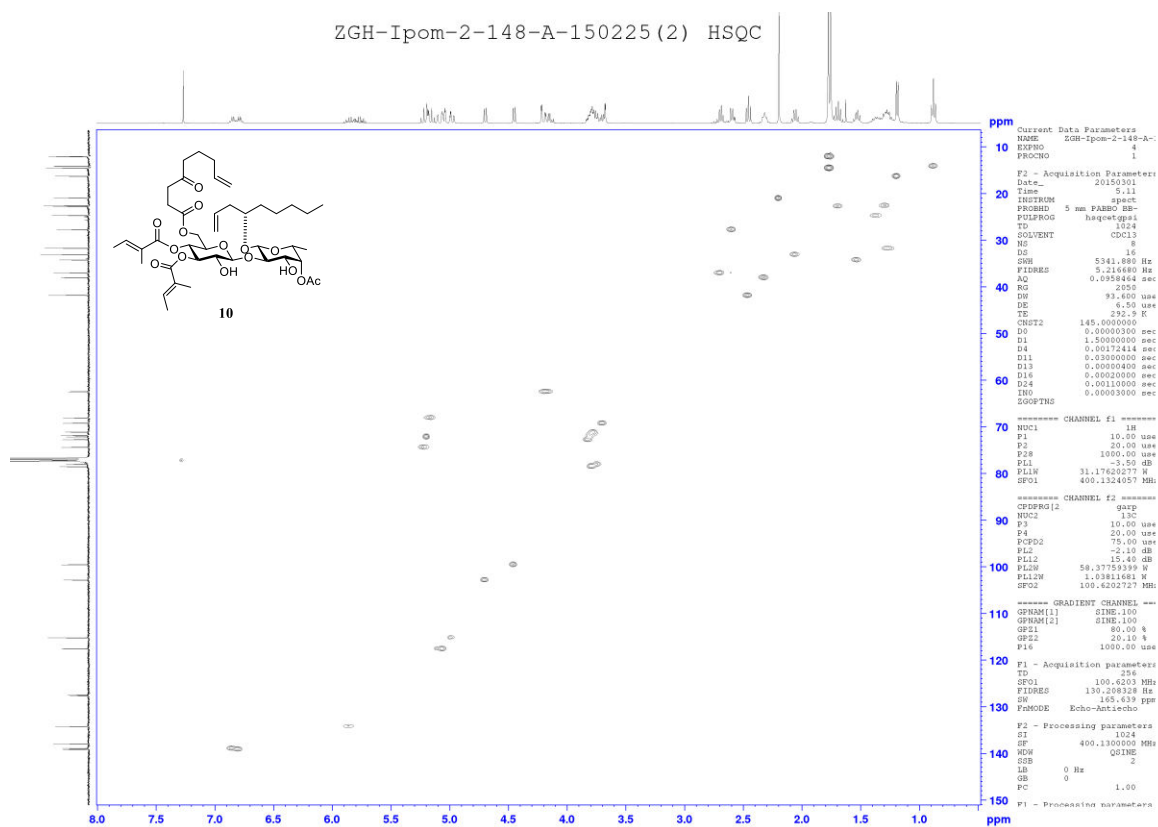
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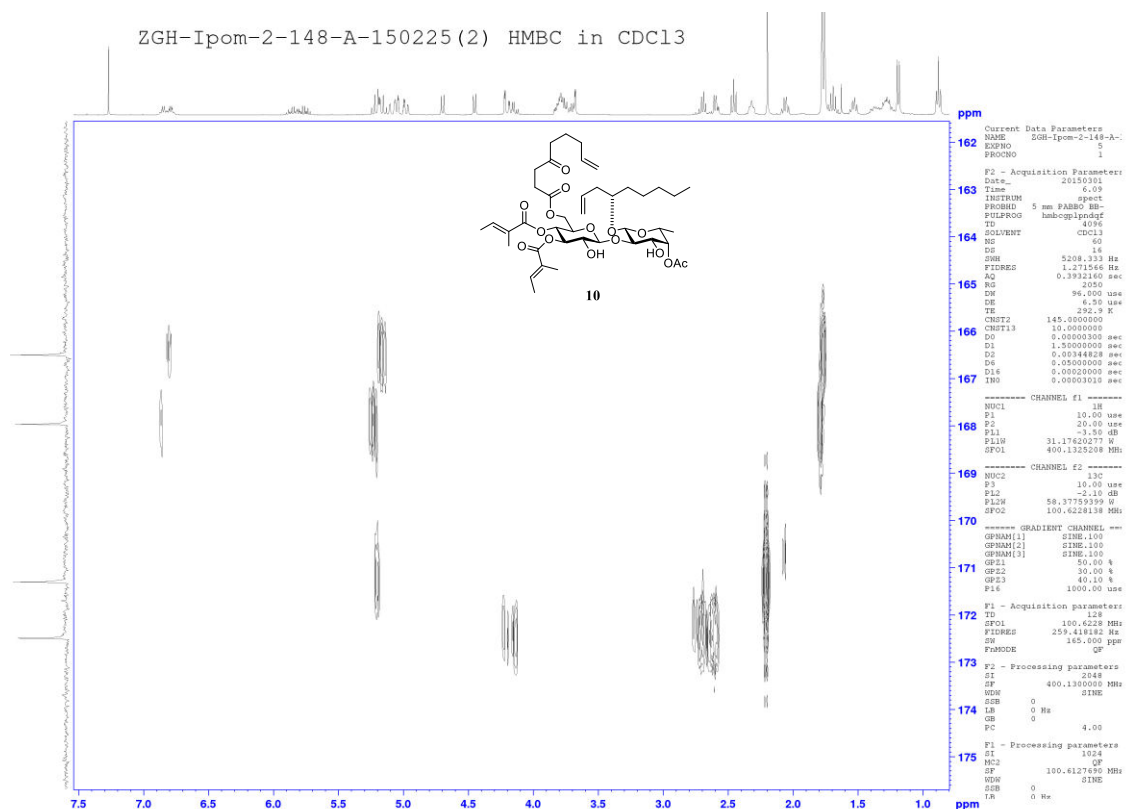
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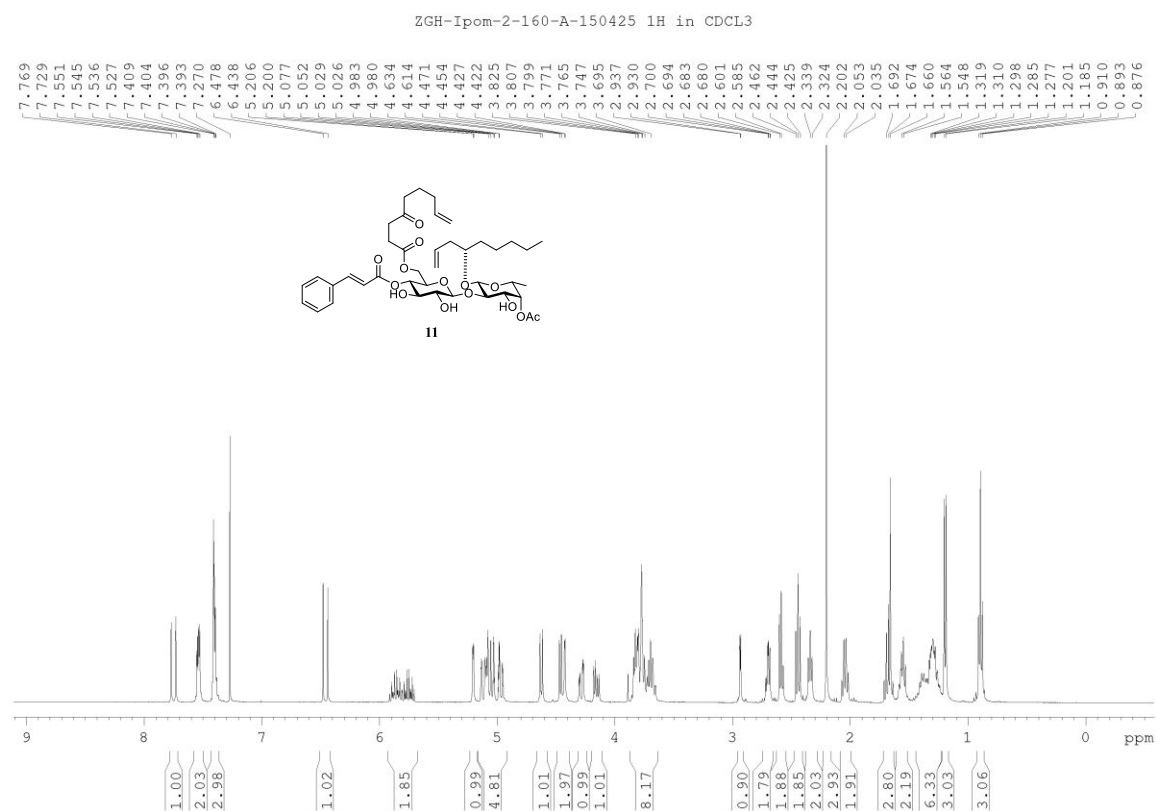
HSQC NMR spectrum of **10** (CDCl₃, 400 MHz)



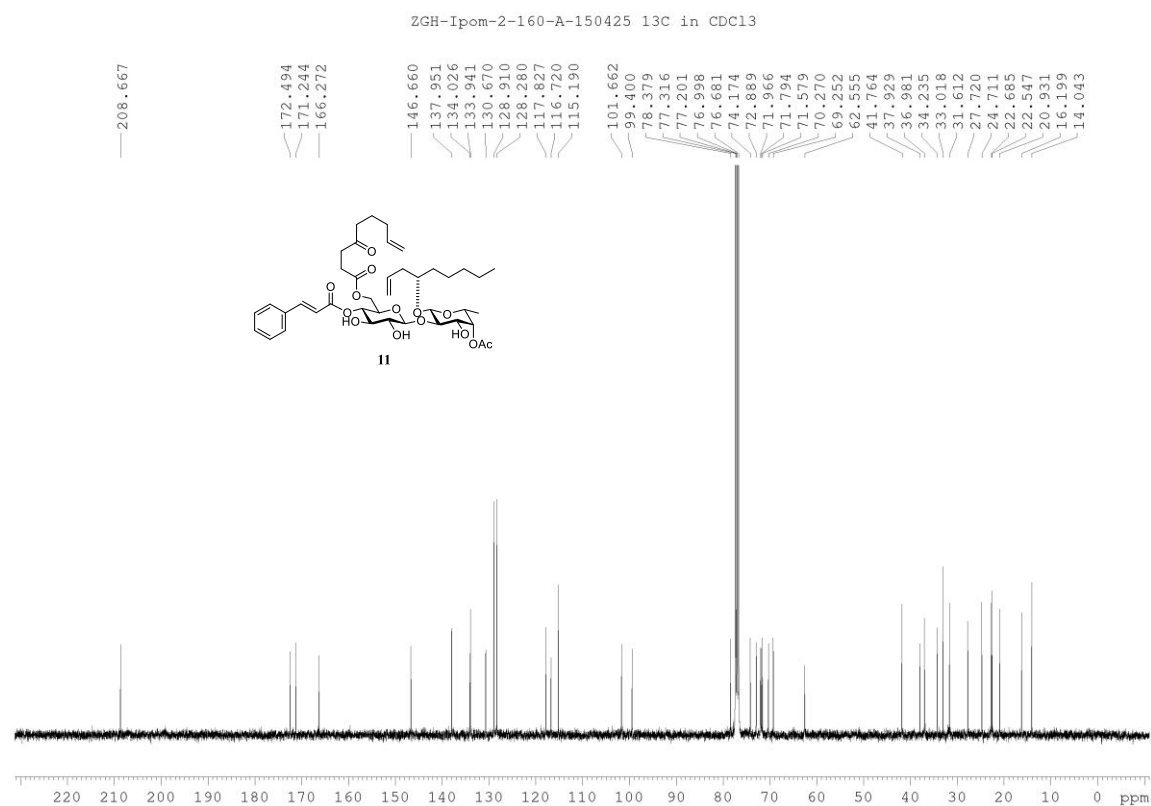
HMBC NMR spectrum of **10** (CDCl₃, 400 MHz)



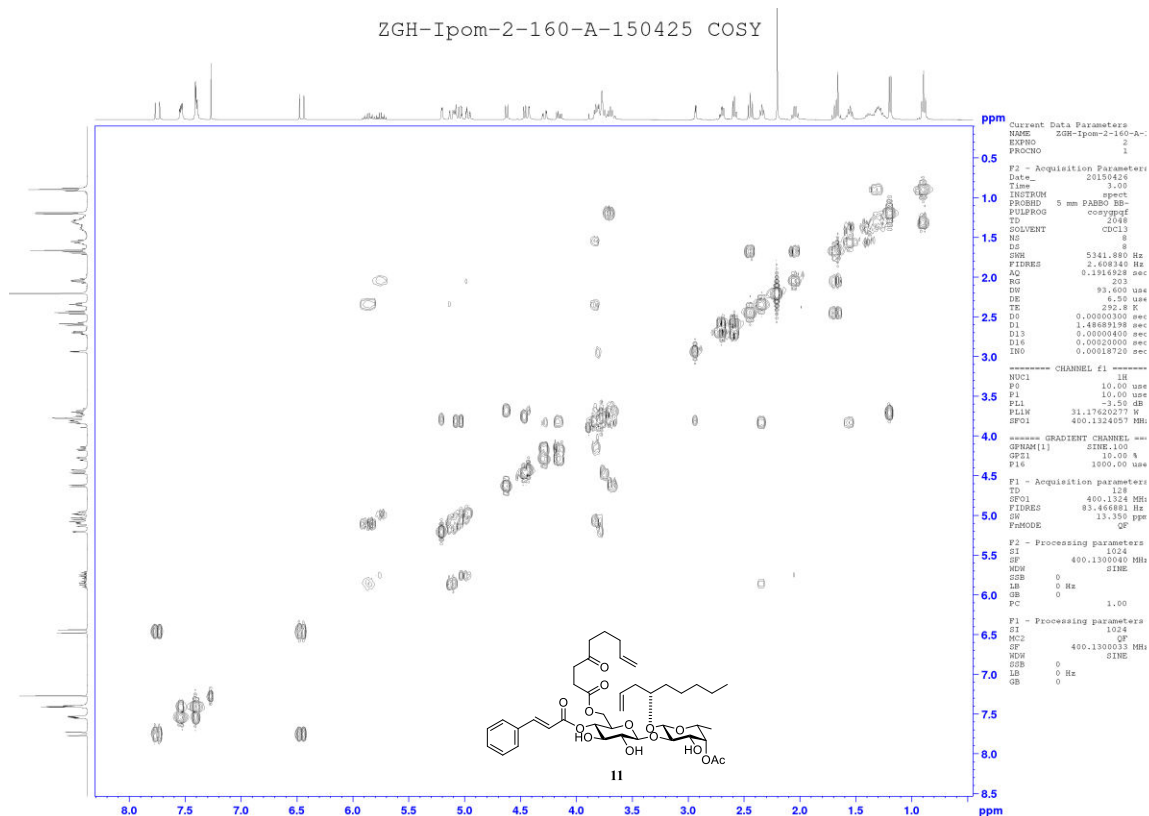
^1H NMR spectrum of **11** (CDCl_3 , 400 MHz)



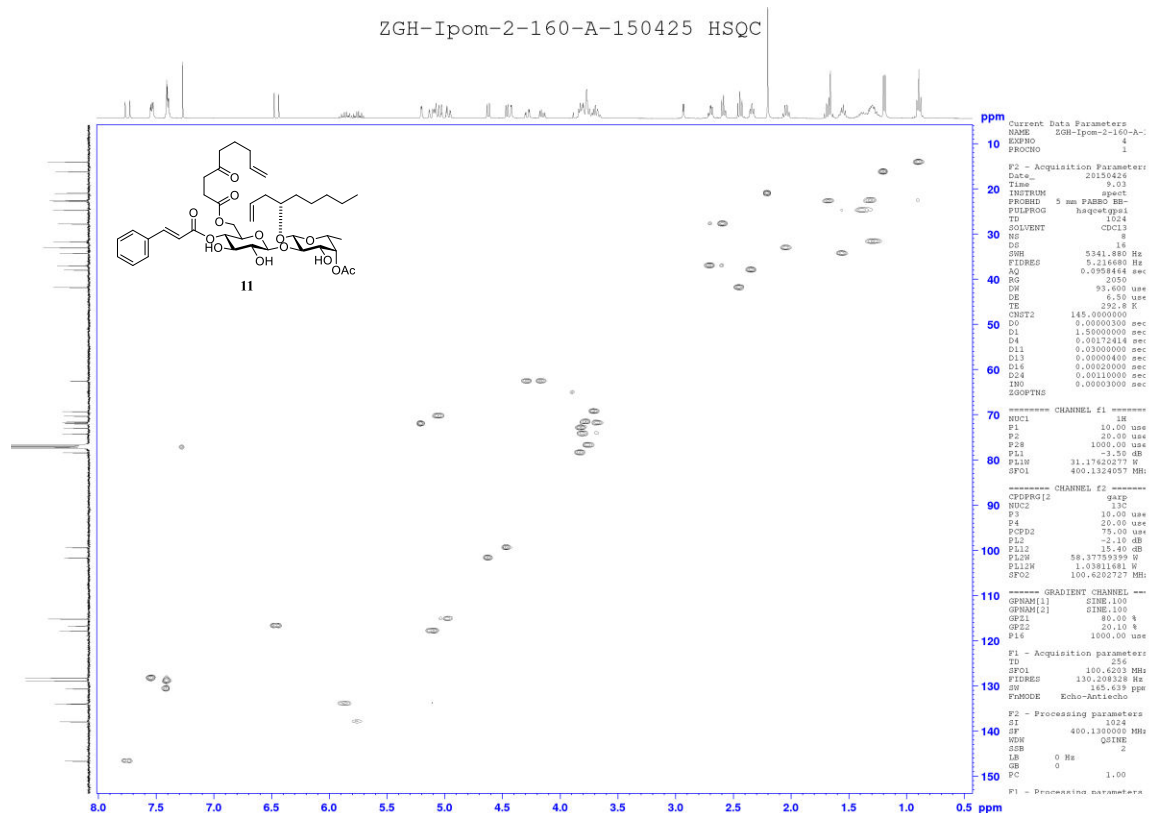
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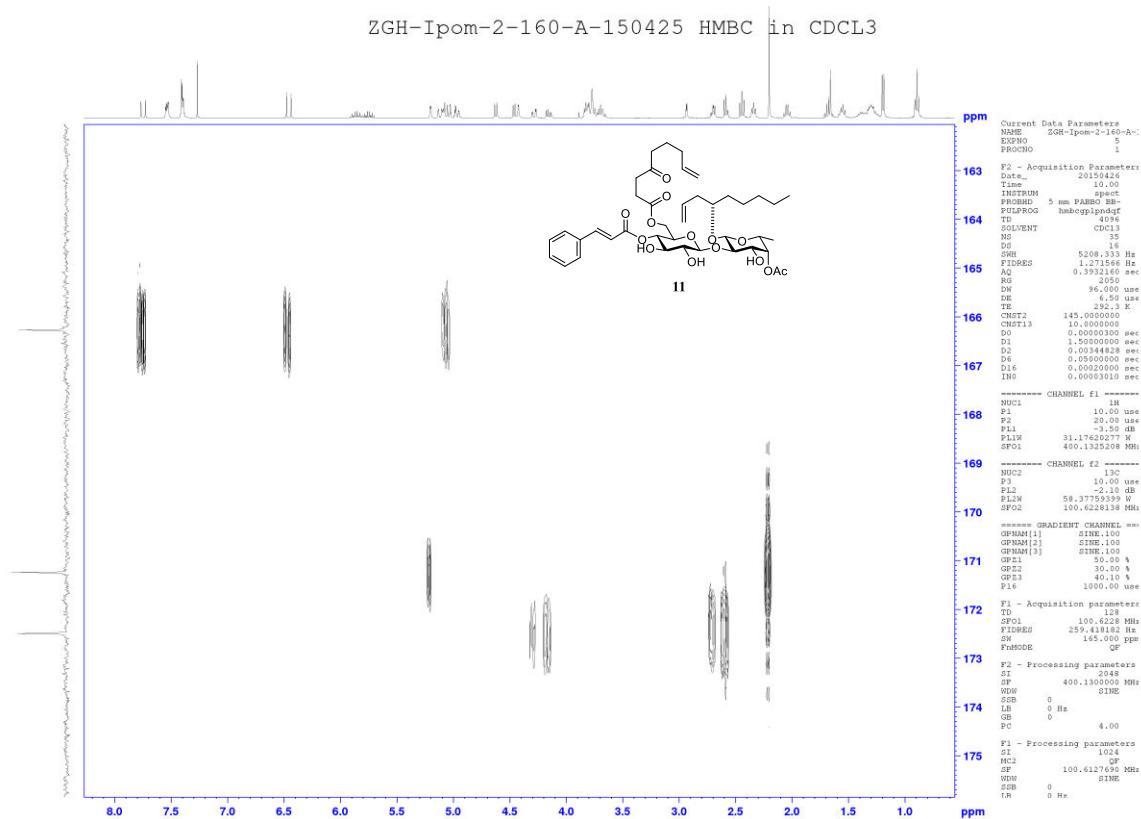
COSY NMR spectrum of **11** (CDCl₃, 400 MHz)



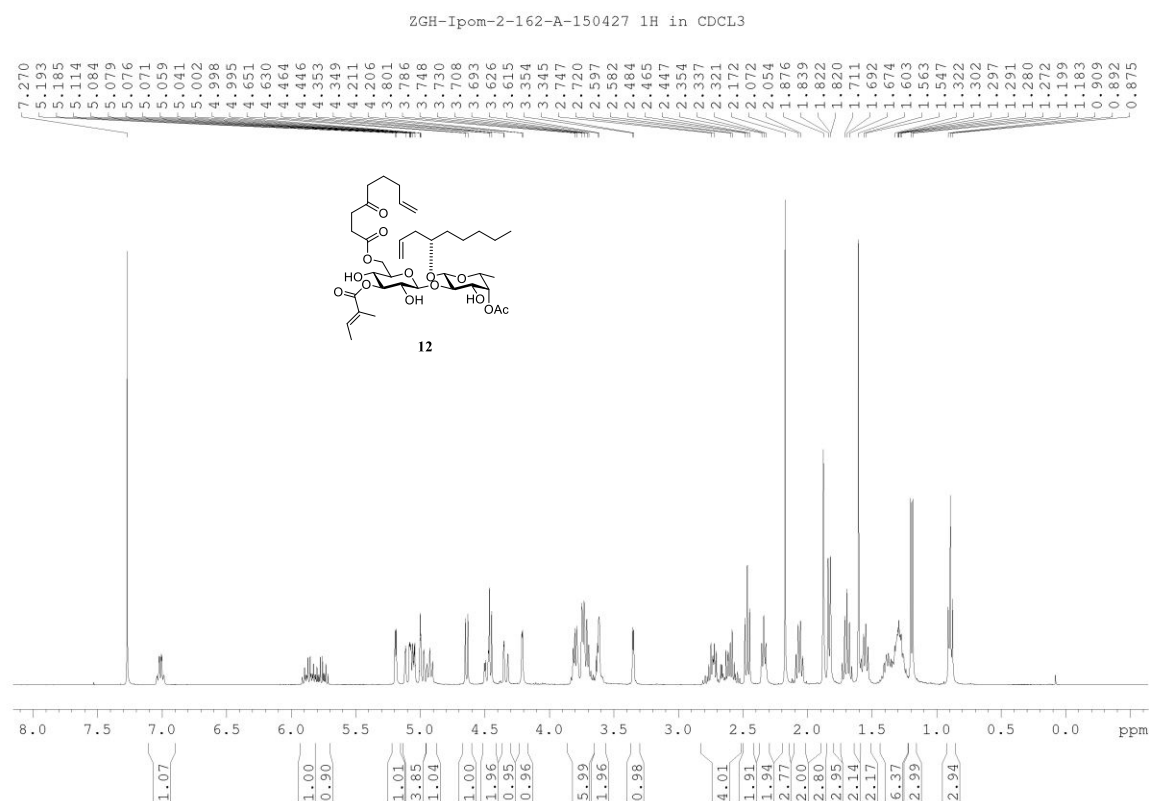
HSQC NMR spectrum of **11** (CDCl₃, 400 MHz)



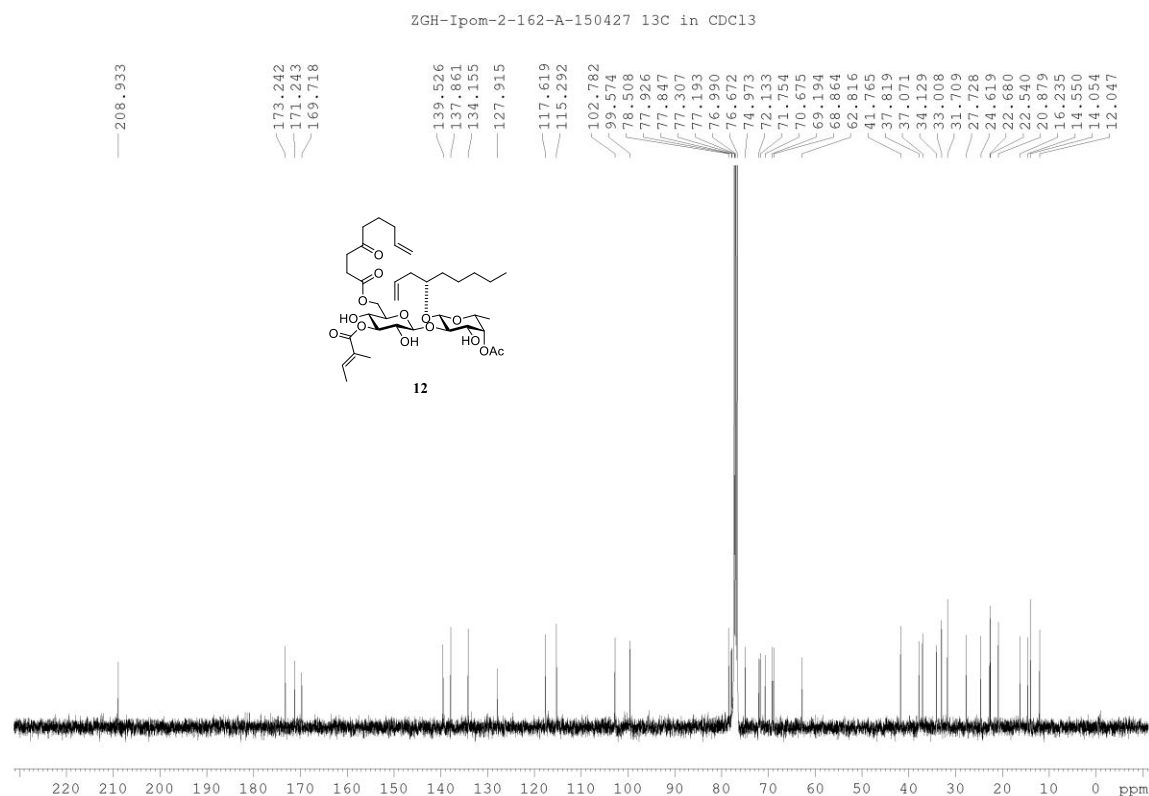
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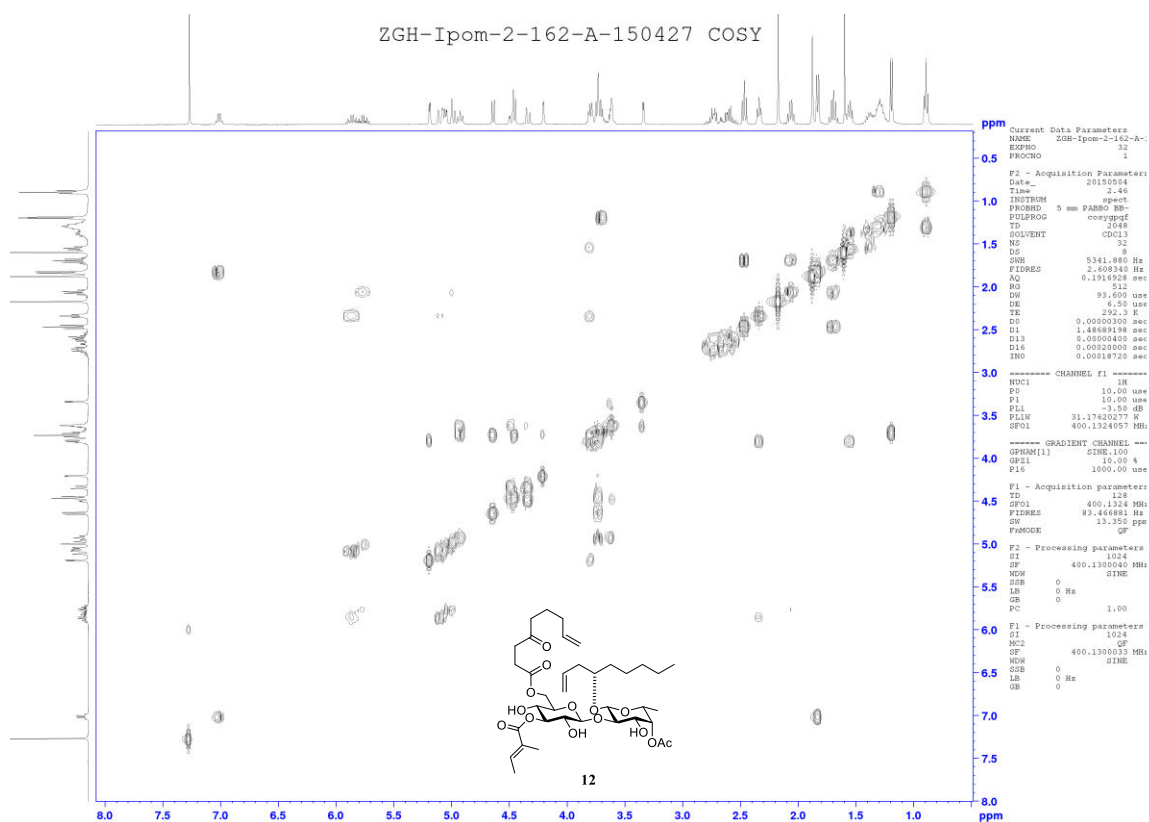
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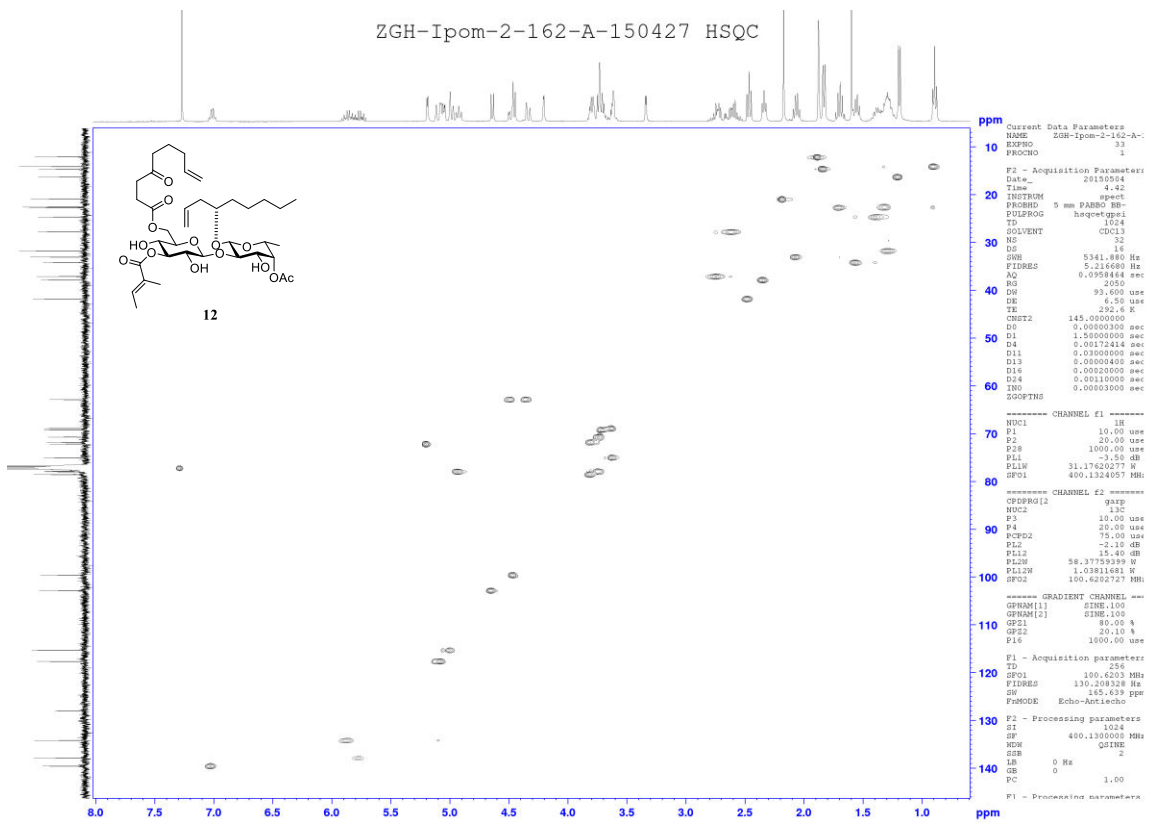
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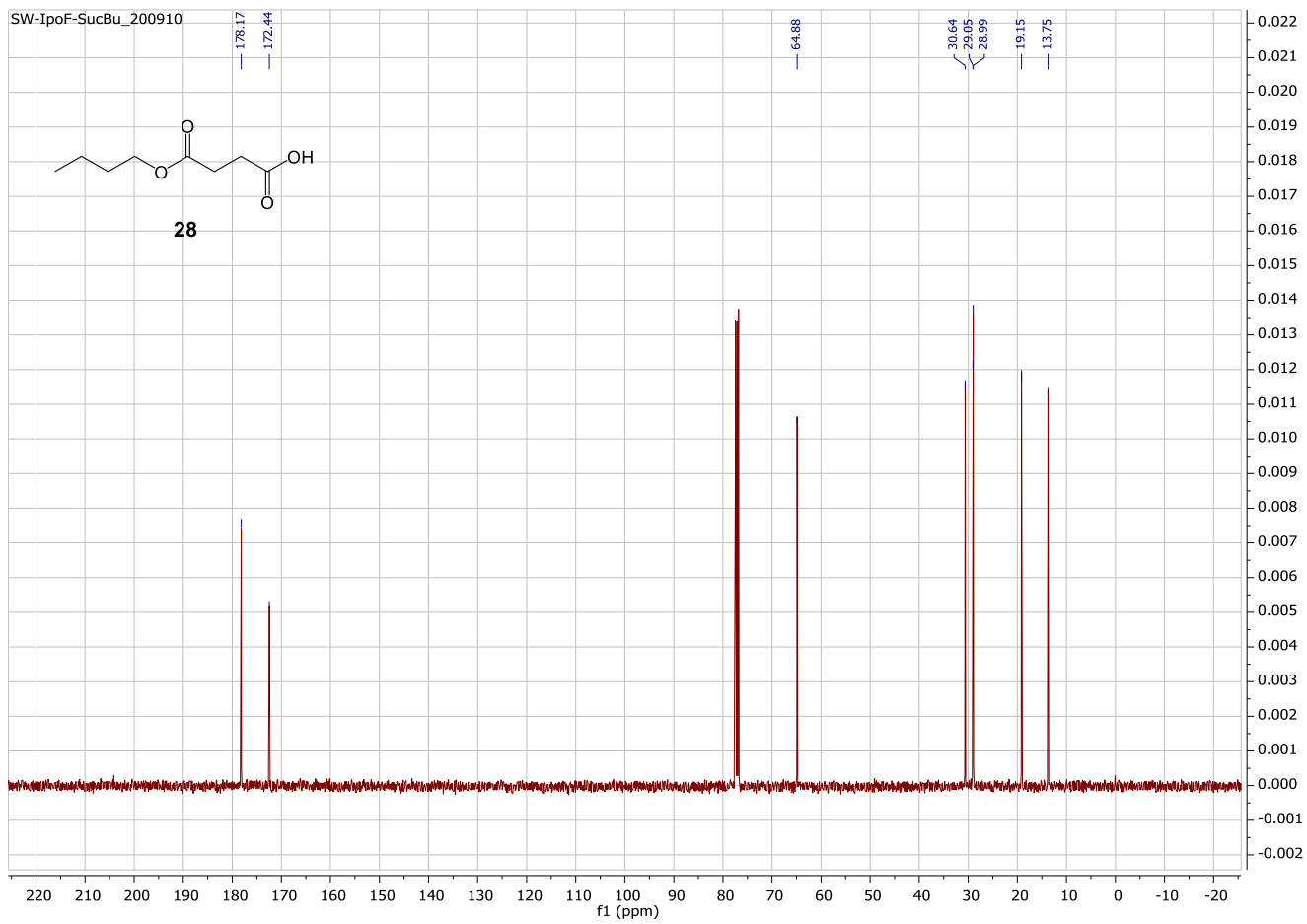
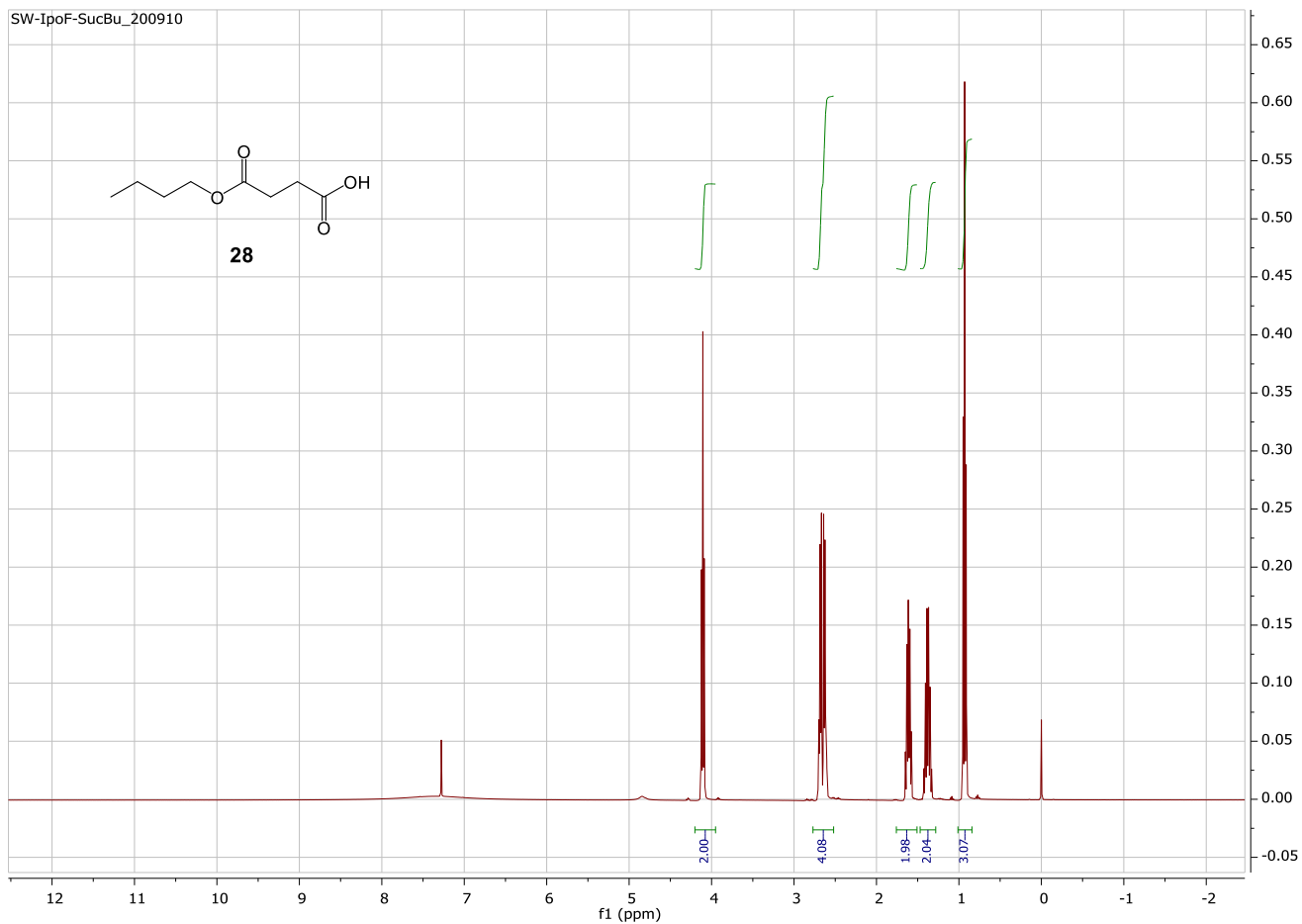


COSY NMR spectrum of **12** (CDCl_3 , 400 MHz)

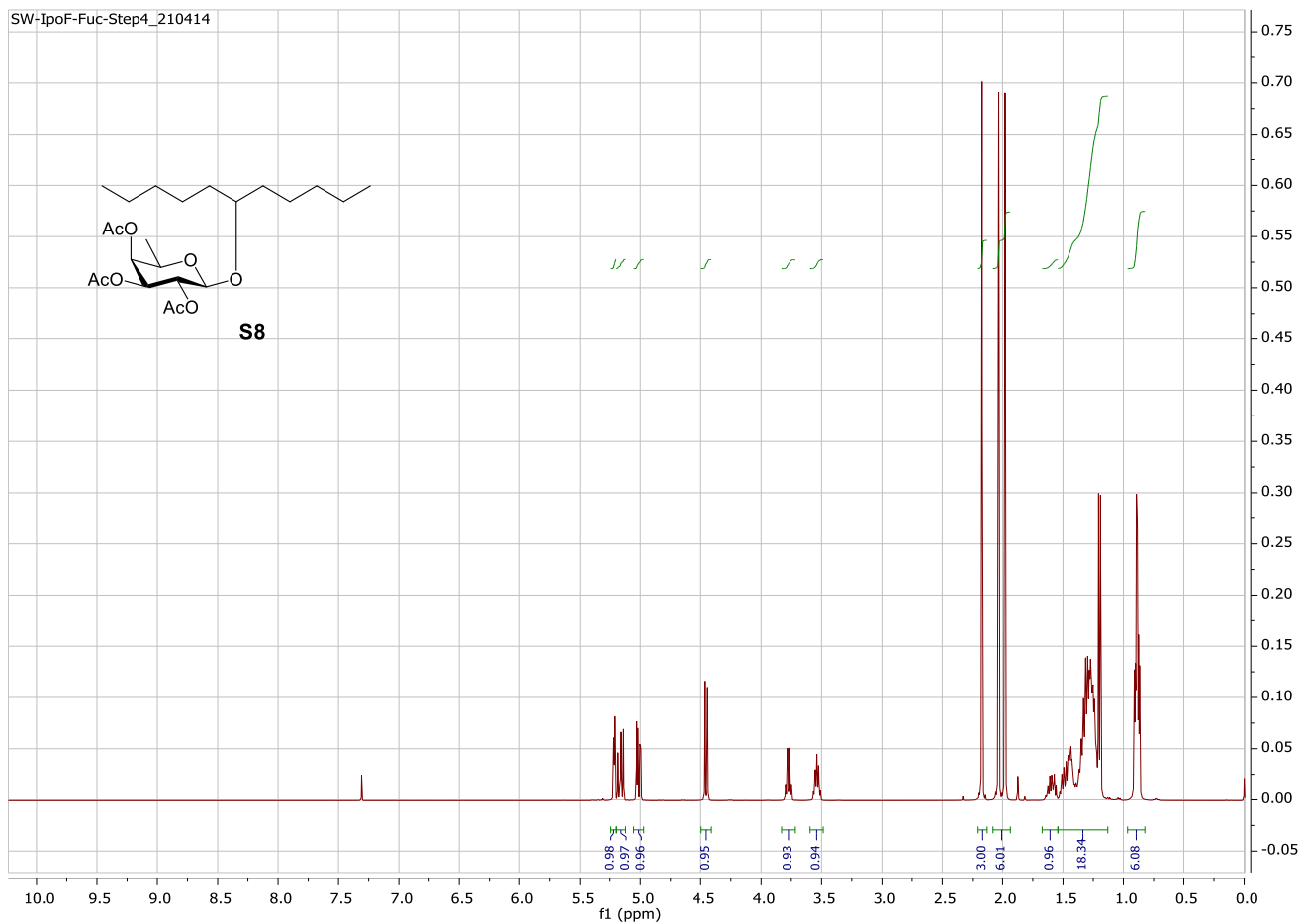


HSQC NMR spectrum of **12** (CDCl₃, 400 MHz)

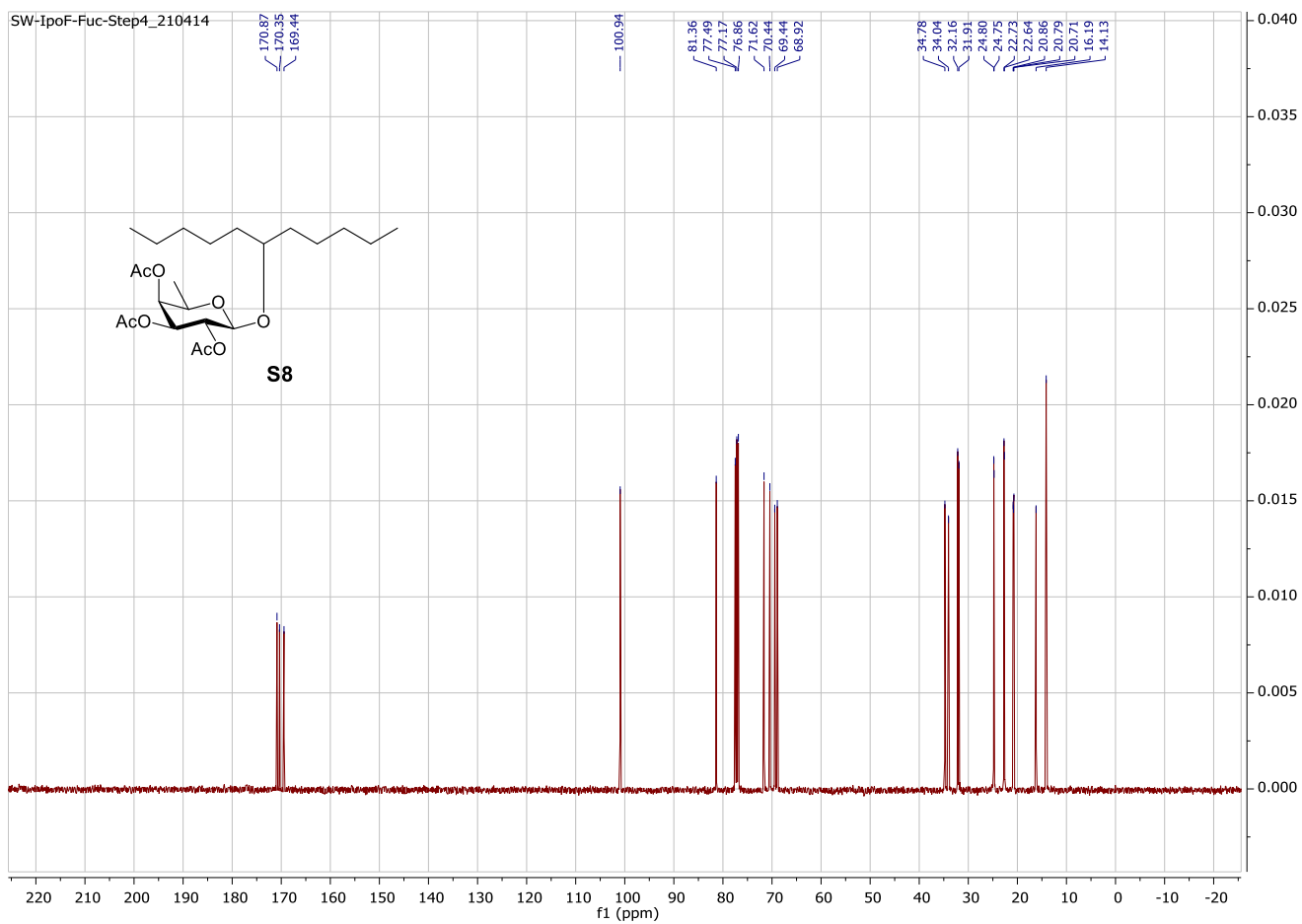


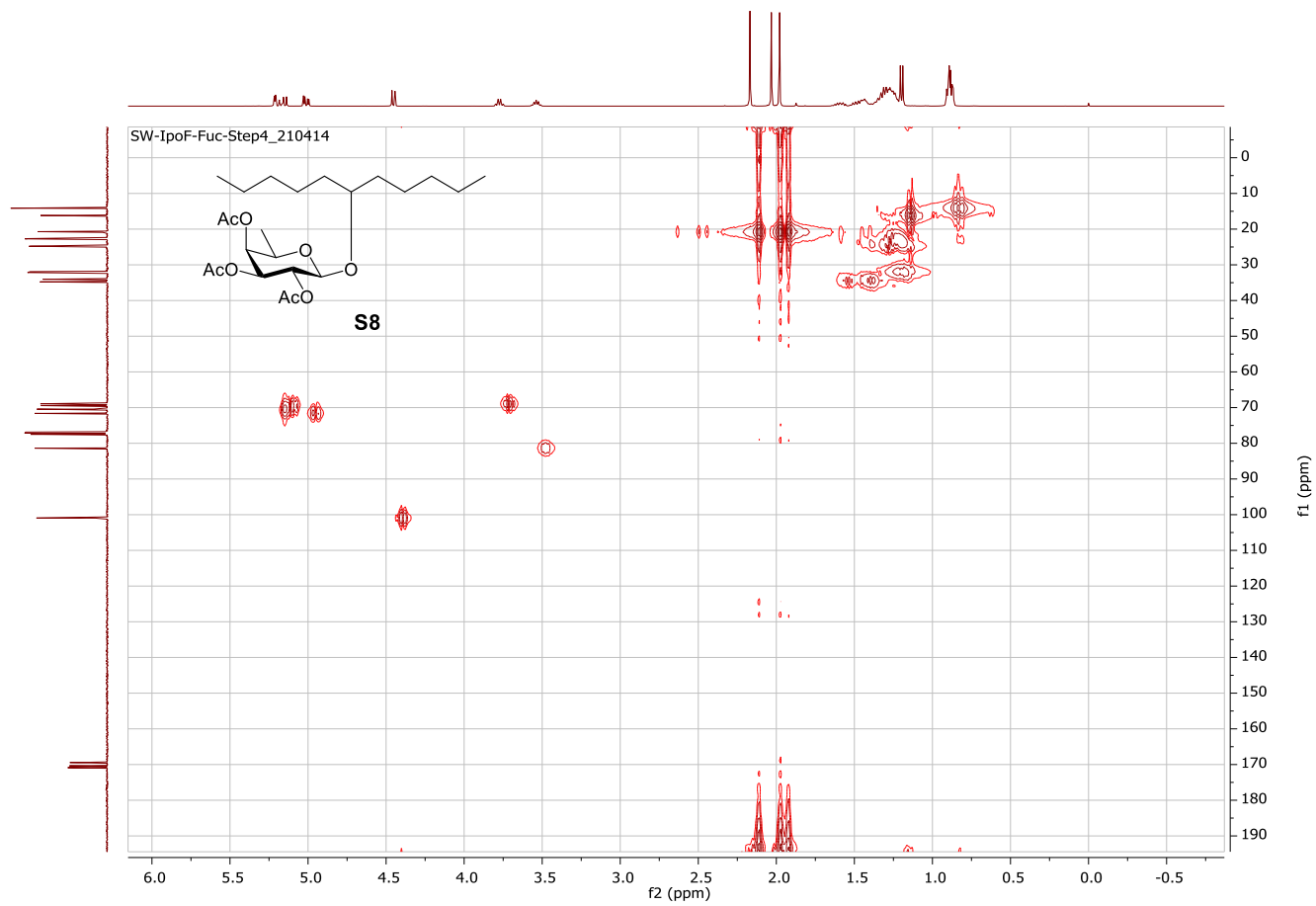
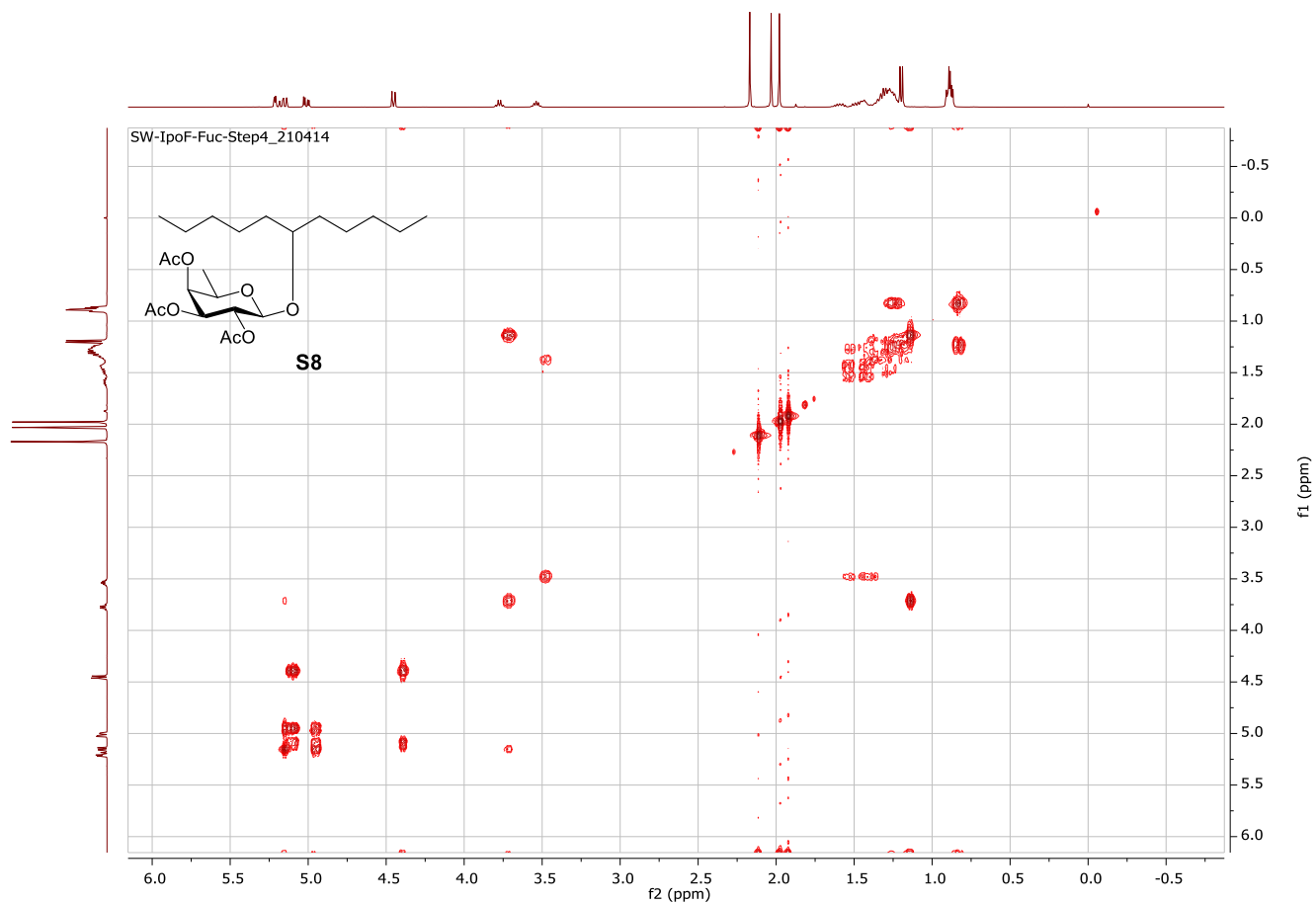


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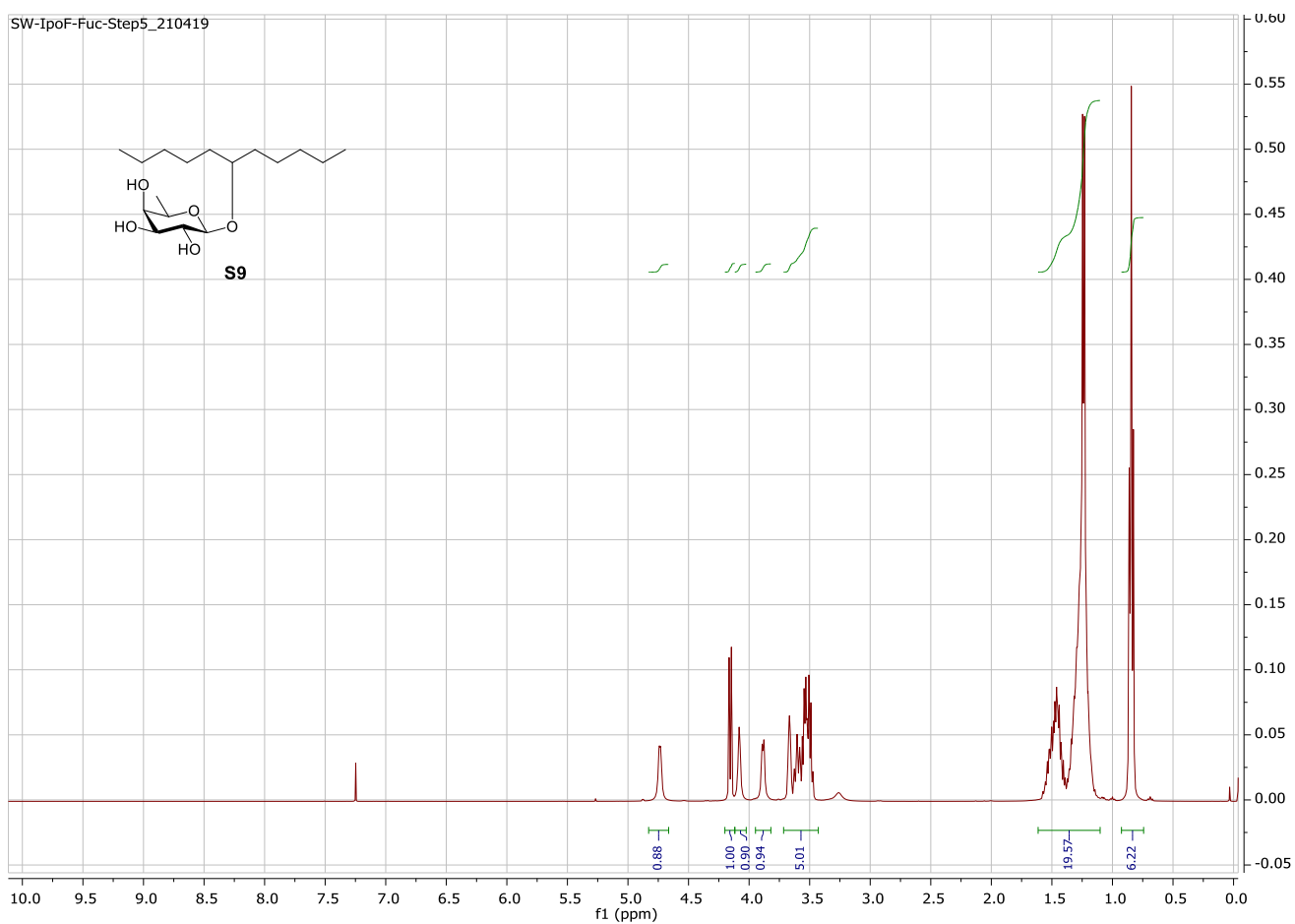


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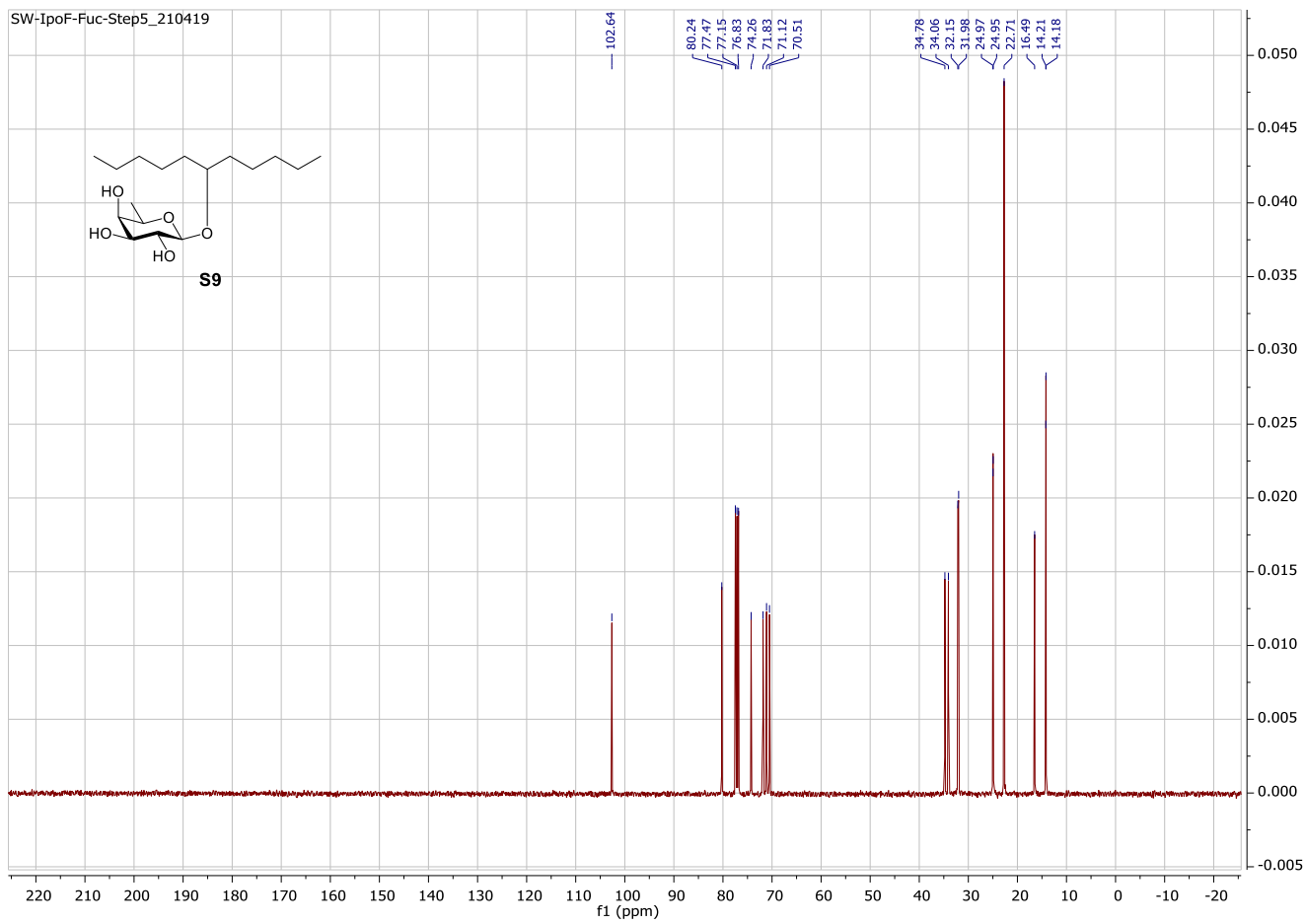


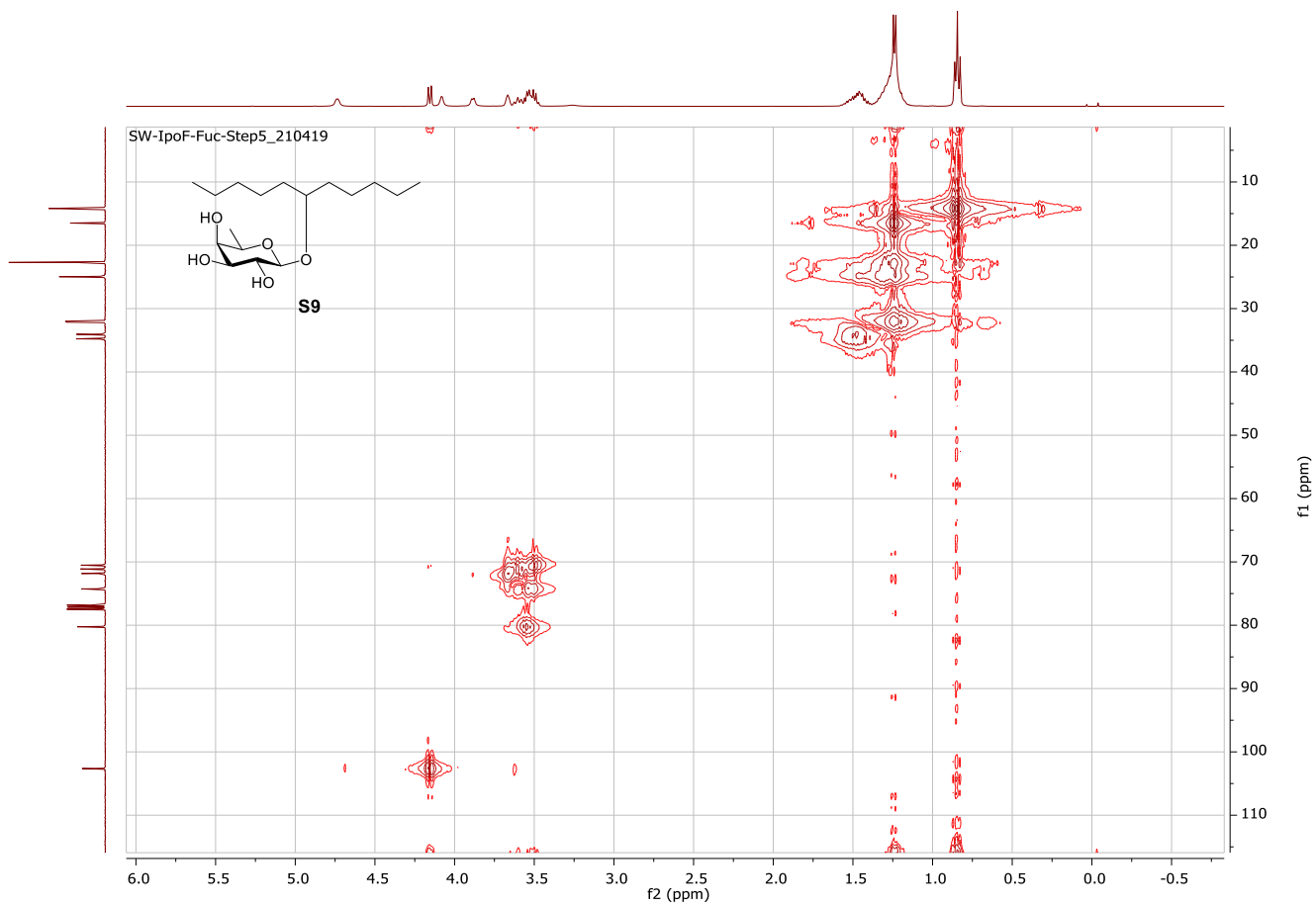
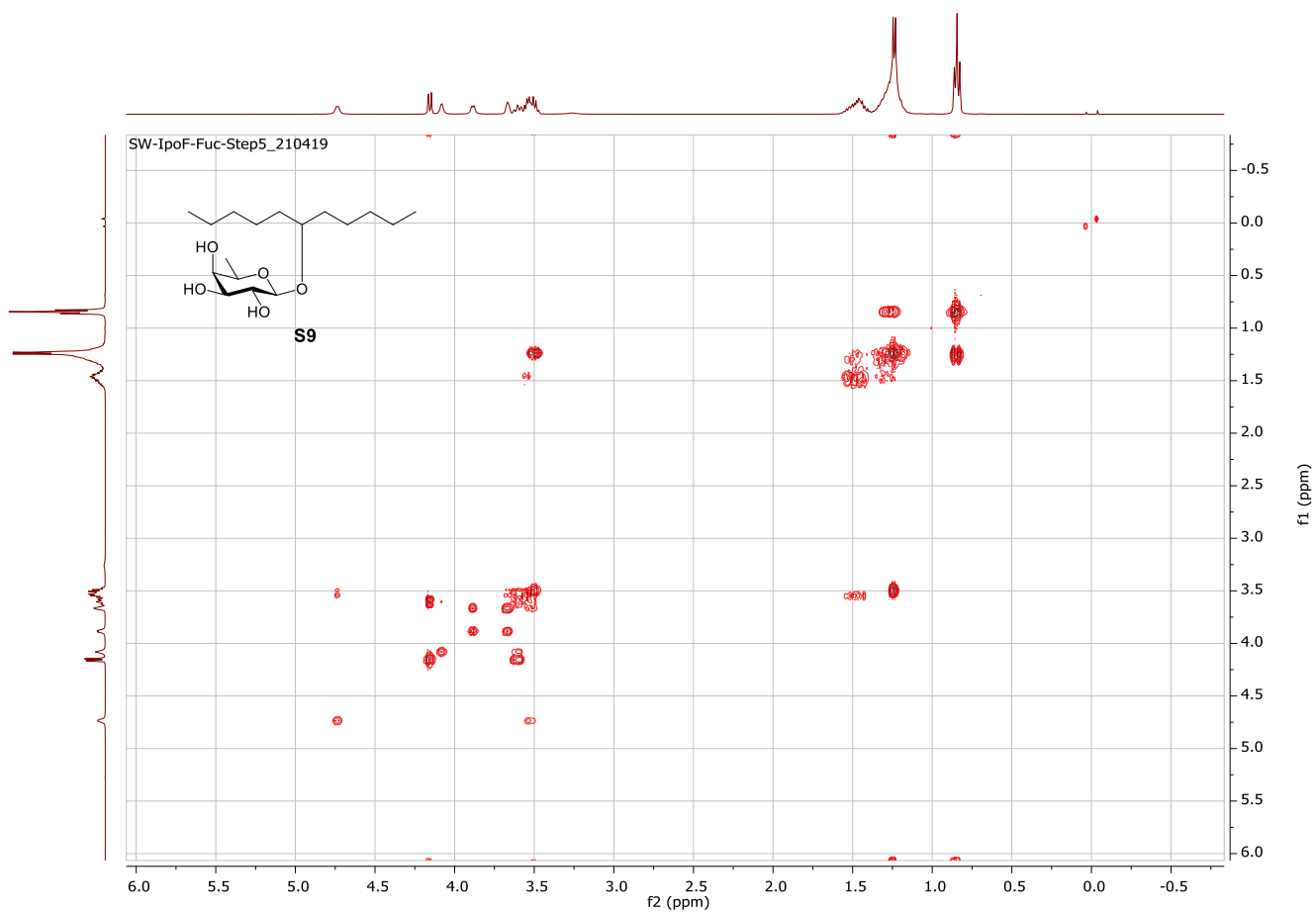


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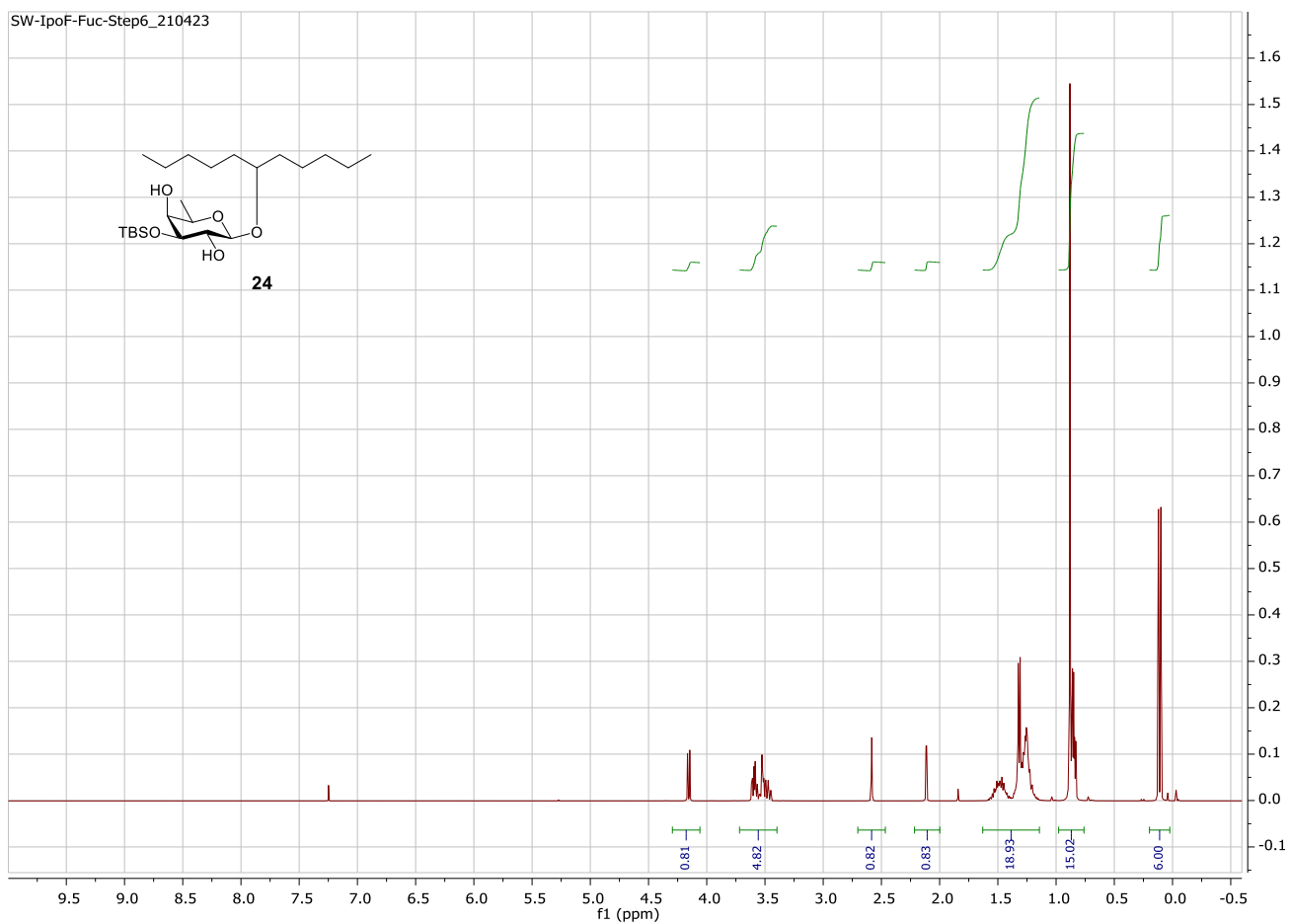


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